Astrodienst Ephemeris Tables

from the year 1250 BCE for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 1250 BCE
geocentric

JANUARY 1250 BCE (-1249) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 54 42	0♉ 2'47	20♏31	0♉19	3♒57	16♎21	20♈12	15♐ 6	20°R22	28♓35	1°R57	25°R13	26♒32	22♍ 4	n.a.	T 1
F 2	5 58 39	1° 3'32	3♐27	2° 6	4° 8	16°58	20°13	15°13	20♈21	28°36	1♌55	25♒ 4	26°29	22°11	n.a.	F 2
S 3	6 2 35	2° 4'16	16°43	3°54	4°16	17°35	20°15	15°20	20°21	28°36	1°54	24°54	26°26	22°17	n.a.	S 3
S 4	6 6 32	3° 4'58	0♉18	5°42	4°23	18°12	20°16	15°27	20°21	28°37	1°53	24°45	26°23	22°24	n.a.	S 4
M 5	6 10 28	4° 5'38	14° 9	7°31	4°27	18°48	20°18	15°33	20°21	28°37	1°51	24°37	26°20	22°31	n.a.	M 5
T 6	6 14 25	5° 6'17	28°13	9°20	4°R28	19°25	20°20	15°40	20°20	28°38	1°50	24°32	26°16	22°37	n.a.	T 6
W 7	6 18 22	6° 6'54	12♒24	11°10	4°27	20° 2	20°22	15°47	20°20	28°38	1°49	24°29	26°13	22°44	n.a.	W 7
T 8	6 22 18	7° 7'29	26°39	13° 1	4°24	20°38	20°24	15°54	20°20	28°39	1°47	24°D28	26°10	22°51	n.a.	T 8
F 9	6 26 15	8° 8'02	10♓54	14°52	4°18	21°15	20°27	16° 1	20°D20	28°40	1°46	24°29	26° 7	22°57	n.a.	F 9
S 10	6 30 11	9° 8'32	25° 6	16°43	4° 9	21°52	20°29	16° 8	20°20	28°40	1°44	24°30	26° 4	23° 4	n.a.	S 10
S 11	6 34 8	10° 9'01	9♈15	18°35	3°58	22°28	20°32	16°14	20°20	28°41	1°43	24°R31	26° 1	23°11	n.a.	S 11
M12	6 38 4	11° 9'28	23°18	20°26	3°44	23° 5	20°35	16°21	20°20	28°42	1°42	24°30	25°57	23°17	n.a.	M12
T 13	6 42 1	12° 9'52	7♉14	22°17	3°28	23°41	20°39	16°28	20°21	28°43	1°40	24°28	25°54	23°24	n.a.	T 13
W14	6 45 57	13°10'15	21° 2	24° 8	3° 9	24°17	20°42	16°34	20°21	28°43	1°39	24°23	25°51	23°31	n.a.	W14
T 15	6 49 54	14°10'35	4♊41	25°58	2°48	24°54	20°46	16°41	20°21	28°44	1°37	24°17	25°48	23°37	n.a.	T 15
F 16	6 53 51	15°10'53	18° 9	27°47	2°25	25°30	20°50	16°48	20°21	28°45	1°36	24°11	25°45	23°44	n.a.	F 16
S 17	6 57 47	16°11'10	1♋23	29°34	1°59	26° 6	20°54	16°54	20°22	28°46	1°34	24° 4	25°42	23°51	n.a.	S 17
S 18	7 1 44	17°11'24	14°23	1♒20	1°31	26°42	20°58	17° 1	20°22	28°47	1°33	23°58	25°38	23°57	n.a.	S 18
M19	7 5 40	18°11'36	27° 8	3° 3	1° 2	27°19	21° 2	17° 7	20°23	28°48	1°31	23°54	25°35	24° 4	n.a.	M19
T 20	7 9 37	19°11'47	9♌37	4°44	0°30	27°55	21° 7	17°14	20°23	28°49	1°30	23°51	25°32	24°11	n.a.	T 20
W21	7 13 33	20°11'55	21°53	6°21	29♉57	28°31	21°11	17°20	20°24	28°50	1°28	23°D50	25°29	24°17	n.a.	W21
T 22	7 17 30	21°12'02	3♍56	7°54	29°23	29° 7	21°16	17°26	20°25	28°51	1°26	23°50	25°26	24°24	n.a.	T 22
F 23	7 21 26	22°12'06	15°51	9°23	28°47	29°43	21°21	17°33	20°25	28°52	1°25	23°52	25°22	24°31	n.a.	F 23
S 24	7 25 23	23°12'09	27°41	10°47	28°10	0♏19	21°27	17°39	20°26	28°53	1°23	23°54	25°19	24°37	n.a.	S 24
S 25	7 29 19	24°12'10	9♎30	12° 5	27°33	0°54	21°32	17°45	20°27	28°54	1°22	23°55	25°16	24°44	n.a.	S 25
M26	7 33 16	25°12'09	21°24	13°17	26°55	1°30	21°38	17°51	20°28	28°56	1°20	23°R56	25°13	24°51	n.a.	M26
T 27	7 37 13	26°12'07	3♏27	14°23	26°17	2° 6	21°43	17°58	20°29	28°57	1°19	23°56	25°10	24°57	n.a.	T 27
W28	7 41 9	27°12'02	15°45	15°21	25°39	2°41	21°49	18° 4	20°30	28°58	1°17	23°54	25° 7	25° 4	n.a.	W28
T 29	7 45 6	28°11'56	28°21	16°11	25° 2	3°17	21°55	18°10	20°31	28°59	1°15	23°52	25° 3	25°11	n.a.	T 29
F 30	7 49 2	29°11'48	11♐19	16°54	24°25	3°52	22° 1	18°16	20°32	29° 1	1°14	23°49	25° 0	25°17	n.a.	F 30
S 31	7 52 59	0♒11'39	24♐41	17♒28	23♉49	4♏28	22♈ 8	18♐22	20♈33	29♓ 2	1♌12	23♒45	24♒57	25♍24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s51	23s 4	5s 5	25s51	2s 0	16s44	2n57	5s17	1n22	7n 7	0s59	22s32	0n28	7n40	0s27	2s27	2s 3	34n10	14n32	13s20	12s53	1n10		n.a.
F 2	23 50	26 8	5 2	25 49	2 0	16 29	3 10	5 31	1 22	7 8	0 58	22 33	0 28	7 40	0 27	2 27	2 3	34 10	14 32	13 23	12 54	1 6		n.a.
S 3	23 50	27 53	4 44	25 46	1 59	16 14	3 23	5 46	1 21	7 9	0 58	22 33	0 28	7 40	0 27	2 26	2 3	34 11	14 32	13 27	12 55	1 3		n.a.
S 4	23 48	28 0	4 9	25 41	1 58	15 59	3 37	6 0	1 21	7 10	0 58	22 34	0 28	7 40	0 27	2 26	2 3	34 12	14 33	13 30	12 56	1 0		n.a.
M 5	23 47	26 23	3 19	25 34	1 56	15 45	3 50	6 15	1 21	7 11	0 57	22 35	0 28	7 40	0 27	2 26	2 3	34 12	14 33	13 32	12 57	0 56		n.a.
T 6	23 45	23 6	2 17	25 25	1 54	15 31	4 4	6 29	1 21	7 12	0 57	22 36	0 28	7 39	0 27	2 26	2 3	34 13	14 33	13 34	12 58	0 53		n.a.
W 7	23 42	18 24	1 5	25 13	1 51	15 18	4 18	6 43	1 20	7 13	0 57	22 37	0 28	7 39	0 27	2 25	2 3	34 13	14 34	13 35	12 59	0 49		n.a.
T 8	23 39	12 39	0n12	24 59	1 48	15 5	4 32	6 58	1 20	7 14	0 57	22 37	0 28	7 39	0 27	2 25	2 3	34 14	14 34	13 35	13 0	0 46		n.a.
F 9	23 35	6 15	1 28	24 43	1 44	14 53	4 46	7 12	1 20	7 15	0 56	22 38	0 28	7 39	0 27	2 25	2 3	34 15	14 34	13 35	13 2	0 43		n.a.
S 10	23 31	0n26	2 38	24 25	1 40	14 42	5 0	7 26	1 19	7 16	0 56	22 39	0 28	7 39	0 27	2 24	2 3	34 15	14 34	13 34	13 3	0 39		n.a.
S 11	23 27	7 3	3 38	24 5	1 34	14 31	5 14	7 40	1 19	7 18	0 56	22 40	0 28	7 40	0 27	2 24	2 2	34 16	14 35	13 34	13 4	0 36		n.a.
M12	23 22	13 17	4 25	23 43	1 28	14 20	5 28	7 54	1 19	7 19	0 55	22 41	0 28	7 40	0 27	2 24	2 2	34 16	14 35	13 34	13 5	0 32		n.a.
T 13	23 17	18 48	4 56	23 18	1 22	14 11	5 41	8 8	1 18	7 21	0 55	22 41	0 27	7 40	0 27	2 23	2 2	34 17	14 35	13 35	13 6	0 29		n.a.
W14	23 11	23 17	5 9	22 52	1 14	14 2	5 55	8 22	1 18	7 22	0 55	22 42	0 27	7 40	0 27	2 23	2 2	34 18	14 35	13 37	13 7	0 26		n.a.
T 15	23 5	26 25	5 4	22 24	1 6	13 54	6 8	8 36	1 18	7 24	0 55	22 43	0 27	7 40	0 27	2 22	2 2	34 18	14 35	13 39	13 8	0 22		n.a.
F 16	22 58	28 0	4 43	21 53	0 57	13 46	6 21	8 50	1 17	7 26	0 54	22 43	0 27	7 40	0 27	2 22	2 2	34 19	14 36	13 41	13 9	0 19		n.a.
S 17	22 51	27 57	4 7	21 22	0 48	13 40	6 33	9 3	1 17	7 27	0 54	22 44	0 27	7 40	0 27	2 22	2 2	34 19	14 36	13 43	13 10	0 15		n.a.
S 18	22 43	26 20	3 18	20 48	0 37	13 34	6 45	9 17	1 16	7 29	0 54	22 45	0 27	7 41	0 27	2 21	2 2	34 20	14 36	13 45	13 11	0 12		n.a.
M19	22 35	23 23	2 20	20 14	0 26	13 29	6 57	9 31	1 16	7 31	0 53	22 46	0 27	7 41	0 27	2 21	2 2	34 20	14 36	13 47	13 12	0 9		n.a.
T 20	22 27	19 23	1 17	19 38	0 14	13 25	7 8	9 44	1 15	7 33	0 53	22 46	0 27	7 41	0 27	2 20	2 2	34 21	14 36	13 48	13 14	0 5		n.a.
W21	22 18	14 37	0 11	19 2	0 2	13 22	7 18	9 58	1 15	7 35	0 53	22 47	0 27	7 41	0 27	2 20	2 2	34 21	14 37	13 48	13 15	0 2		n.a.
T 22	22 9	9 23	0s55	18 25	0n11	13 20	7 28	10 11	1 14	7 37	0 53	22 48	0 27	7 42	0 27	2 19	2 2	34 22	14 37	13 48	13 16	0s 1		n.a.
F 23	21 59	3 52	1 58	17 49	0 25	13 18	7 37	10 24	1 14	7 40	0 52	22 48	0 27	7 42	0 27	2 19	2 2	34 23	14 37	13 48	13 17	0 5		n.a.
S 24	21 49	1s44	2 55	17 12	0 39	13 17	7 45	10 38	1 13	7 42	0 52	22 49	0 27	7 42	0 27	2 18	2 2	34 23	14 37	13 47	13 18	0 8		n.a.
S 25	21 38	7 15	3 45	16 37	0 53	13 17	7 52	10 51	1 13	7 44	0 52	22 49	0 27	7 42	0 27	2 18	2 2	34 24	14 37	13 46	13 19	0 12		n.a.
M26	21 27	12 34	4 25	16 2	1 8	13 18	7 58	11 4	1 12	7 47	0 51	22 50	0 27	7 43	0 27	2 17	2 2	34 24	14 37	13 46	13 20	0 15		n.a.
T 27	21 16	17 28	4 54	15 28	1 23	13 20	8 4	11 17	1 12	7 49	0 51	22 51	0 27	7 43	0 27	2 17	2 1	34 25	14 37	13 46	13 21	0 18		n.a.
W28	21 4	21 47	5 11	14 57	1 38	13 22	8 9	11 30	1 11	7 51	0 51	22 51	0 27	7 44	0 27	2 16	2 1	34 25	14 37	13 47	13 22	0 22		n.a.
T 29	20 52	25 12	5 13	14 28	1 53	13 25	8 12	11 43	1 11	7 54	0 51	22 52	0 27	7 44	0 27	2 15	2 1	34 26	14 38	13 47	13 23	0 25		n.a.
F 30	20 40	27 28	5 0	14 1	2 8	13 29	8 15	11 55	1 10	7 57	0 50	22 53	0 27	7 44	0 27	2 15	2 1	34 26	14 38	13 49	13 24	0 29		n.a.
S 31	20s27	28s14	4s30	13s37	2n22	13s33	8n17	12s 8	1n10	7n59	0s50	22s53	0n27	7n45	0s26	2s14	2s 1	34n27	14n38	13s50	13s25	0s32		n.a.

Julian Day Number = 1264860.5, Delta T = 08h22m44s
Ecliptic obliquity = 23°50'42, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°19'39, Lahiri = -21°12'38 Julian Calendar 1 Jan. 1250 BCE == Greg. Calendar 21 Dec. 1251 BCE

The year -1249 astronomical counting style corresponds to year 1250 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1250 BCE
geocentric

FEBRUARY 1250 BCE (-1249) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 56 55	1♒11'27	8♉26	17♒53	23°R14	5♏ 3	22♈14	18♐28	20♈34	29♓ 3	1°R11	23°R41	24♒54	25♍31	n.a.	S 1
M 2	8 0 52	2°11'13	22°34	18°10	22♉40	5°38	22°21	18°33	20°35	29° 5	1♌ 9	23♒39	24°51	25°37	n.a.	M 2
T 3	8 4 48	3°10'57	6♒59	18°R18	22° 7	6°14	22°28	18°39	20°36	29° 6	1° 8	23°37	24°48	25°44	n.a.	T 3
W 4	8 8 45	4°10'39	21°36	18°18	21°37	6°49	22°35	18°45	20°38	29° 8	1° 6	23°D36	24°44	25°51	n.a.	W 4
T 5	8 12 42	5°10'19	6♓18	18° 9	21° 8	7°24	22°42	18°51	20°39	29° 9	1° 4	23°36	24°41	25°57	n.a.	T 5
F 6	8 16 38	6° 9'56	21° 0	17°52	20°41	7°59	22°49	18°56	20°41	29°11	1° 3	23°37	24°38	26° 4	n.a.	F 6
S 7	8 20 35	7° 9'31	5♈34	17°27	20°16	8°33	22°57	19° 2	20°42	29°12	1° 1	23°39	24°35	26°11	n.a.	S 7
S 8	8 24 31	8° 9'03	19°56	16°56	19°53	9° 8	23° 4	19° 7	20°43	29°14	1° 0	23°40	24°32	26°17	n.a.	S 8
M 9	8 28 28	9° 8'33	4♉ 5	16°18	19°33	9°43	23°12	19°13	20°45	29°15	0°58	23°R40	24°28	26°24	n.a.	M 9
T 10	8 32 24	10° 8'01	17°57	15°35	19°14	10°17	23°20	19°18	20°47	29°17	0°57	23°40	24°25	26°31	n.a.	T 10
W11	8 36 21	11° 7'26	1♊34	14°48	18°59	10°52	23°28	19°23	20°48	29°18	0°55	23°40	24°22	26°37	n.a.	W11
T 12	8 40 17	12° 6'49	14°54	13°57	18°45	11°26	23°36	19°29	20°50	29°20	0°53	23°38	24°19	26°44	n.a.	T 12
F 13	8 44 14	13° 6'09	27°59	13° 5	18°35	12° 1	23°44	19°34	20°52	29°22	0°52	23°37	24°16	26°51	n.a.	F 13
S 14	8 48 11	14° 5'27	10♋50	12°11	18°26	12°35	23°53	19°39	20°54	29°23	0°50	23°36	24°13	26°57	n.a.	S 14
S 15	8 52 7	15° 4'42	23°28	11°18	18°20	13° 9	24° 1	19°44	20°55	29°25	0°49	23°34	24° 9	27° 4	n.a.	S 15
M16	8 56 4	16° 3'55	5♌54	10°26	18°17	13°43	24°10	19°49	20°57	29°27	0°47	23°34	24° 6	27°11	n.a.	M16
T 17	9 0 0	17° 3'06	18° 8	9°36	18°D16	14°17	24°19	19°54	20°59	29°29	0°46	23°D33	24° 3	27°17	n.a.	T 17
W18	9 3 57	18° 2'15	0♍14	8°49	18°18	14°51	24°28	19°59	21° 1	29°30	0°44	23°33	24° 0	27°24	n.a.	W18
T 19	9 7 53	19° 1'21	12°11	8° 6	18°21	15°24	24°37	20° 4	21° 3	29°32	0°43	23°34	23°57	27°31	n.a.	T 19
F 20	9 11 50	20° 0'25	24° 3	7°28	18°27	15°58	24°46	20° 8	21° 5	29°34	0°41	23°34	23°53	27°37	n.a.	F 20
S 21	9 15 46	20°59'28	5♎53	6°54	18°36	16°31	24°55	20°13	21° 7	29°36	0°40	23°34	23°50	27°44	n.a.	S 21
S 22	9 19 43	21°58'28	17°43	6°25	18°46	17° 5	25° 4	20°18	21° 9	29°38	0°38	23°35	23°47	27°51	n.a.	S 22
M23	9 23 39	22°57'26	29°37	6° 2	18°59	17°38	25°14	20°22	21°12	29°40	0°37	23°35	23°44	27°57	n.a.	M23
T 24	9 27 36	23°56'23	11♏40	5°45	19°14	18°11	25°23	20°27	21°14	29°41	0°35	23°R35	23°41	28° 4	n.a.	T 24
W25	9 31 33	24°55'17	23°55	5°33	19°30	18°44	25°33	20°31	21°16	29°43	0°34	23°D35	23°38	28°11	n.a.	W25
T 26	9 35 29	25°54'10	6♐28	5°26	19°49	19°17	25°43	20°35	21°18	29°45	0°33	23°35	23°34	28°17	n.a.	T 26
F 27	9 39 26	26°53'01	19°22	5°D26	20°10	19°50	25°53	20°39	21°21	29°47	0°31	23°35	23°31	28°24	n.a.	F 27
S 28	9 43 22	27♒51'50	2♉40	5♒30	20♉32	20♏22	26♈ 3	20♐43	21♈23	29♓49	0♌30	23♒35	23♒28	28♍31	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s14	27s17	3s44	13s16	2n36	13s38	8n18	12s21	1n 9	8n 2	0s50	22s54	0n26	7n45	0s26	2s14	2s 1	34n27	14n38	13s51	13s27	0s35			n.a.
M 2	20 0	24 36	2 43	12 58	2 49	13 43	8 18	12 33	1 8	8 5	0 50	22 54	0 26	7 46	0 26	2 13	2 1	34 27	14 38	13 52	13 28	0 39			n.a.
T 3	19 47	20 18	1 30	12 44	3 1	13 49	8 17	12 46	1 8	8 8	0 49	22 55	0 26	7 46	0 26	2 12	2 1	34 28	14 38	13 53	13 29	0 42			n.a.
W 4	19 32	14 43	0 11	12 33	3 13	13 56	8 15	12 58	1 7	8 10	0 49	22 55	0 26	7 47	0 26	2 12	2 1	34 28	14 38	13 53	13 30	0 45			n.a.
T 5	19 18	8 16	1n10	12 26	3 23	14 3	8 12	13 10	1 6	8 13	0 49	22 56	0 26	7 47	0 26	2 11	2 1	34 29	14 38	13 53	13 31	0 49			n.a.
F 6	19 3	1 24	2 26	12 23	3 31	14 10	8 9	13 22	1 6	8 16	0 49	22 56	0 26	7 48	0 26	2 11	2 1	34 29	14 38	13 52	13 32	0 52			n.a.
S 7	18 48	5n28	3 32	12 24	3 39	14 18	8 5	13 34	1 5	8 19	0 48	22 57	0 26	7 49	0 26	2 10	2 1	34 30	14 38	13 52	13 33	0 56			n.a.
S 8	18 32	11 58	4 23	12 28	3 44	14 26	8 0	13 46	1 4	8 22	0 48	22 57	0 26	7 49	0 26	2 9	2 1	34 30	14 38	13 52	13 34	0 59			n.a.
M 9	18 16	17 45	4 58	12 36	3 48	14 34	7 55	13 58	1 3	8 26	0 48	22 58	0 26	7 50	0 26	2 9	2 1	34 30	14 38	13 51	13 35	1 2			n.a.
T 10	18 0	22 30	5 15	12 47	3 50	14 42	7 49	14 10	1 3	8 29	0 48	22 58	0 26	7 51	0 26	2 8	2 1	34 31	14 38	13 51	13 36	1 6			n.a.
W11	17 44	25 56	5 13	13 0	3 50	14 51	7 42	14 22	1 2	8 32	0 47	22 59	0 26	7 51	0 26	2 7	2 1	34 31	14 38	13 52	13 37	1 9			n.a.
T 12	17 27	27 51	4 55	13 17	3 48	15 0	7 35	14 33	1 1	8 35	0 47	22 59	0 26	7 52	0 26	2 6	2 1	34 31	14 38	13 52	13 38	1 12			n.a.
F 13	17 10	28 11	4 22	13 35	3 44	15 8	7 28	14 45	1 0	8 39	0 47	23 0	0 26	7 53	0 26	2 6	2 1	34 32	14 38	13 53	13 39	1 16			n.a.
S 14	16 53	26 58	3 35	13 56	3 39	15 17	7 20	14 56	0 59	8 42	0 47	23 0	0 26	7 53	0 26	2 5	2 0	34 32	14 38	13 53	13 41	1 19			n.a.
S 15	16 35	24 23	2 39	14 18	3 32	15 26	7 11	15 7	0 59	8 45	0 46	23 1	0 26	7 54	0 26	2 4	2 0	34 33	14 38	13 53	13 42	1 23			n.a.
M16	16 17	20 40	1 36	14 40	3 23	15 35	7 3	15 18	0 58	8 49	0 46	23 1	0 26	7 55	0 26	2 3	2 0	34 33	14 38	13 54	13 43	1 26			n.a.
T 17	15 59	16 8	0 30	15 4	3 12	15 44	6 54	15 30	0 57	8 52	0 46	23 2	0 26	7 55	0 26	2 3	2 0	34 33	14 38	13 54	13 44	1 29			n.a.
W18	15 41	11 0	0s37	15 27	3 1	15 53	6 45	15 41	0 56	8 56	0 46	23 2	0 26	7 56	0 26	2 2	2 0	34 33	14 38	13 54	13 45	1 33			n.a.
T 19	15 22	5 33	1 42	15 51	2 48	16 2	6 36	15 51	0 55	8 59	0 46	23 2	0 26	7 57	0 26	2 1	2 0	34 34	14 38	13 54	13 46	1 36			n.a.
F 20	15 4	0s 4	2 41	16 13	2 35	16 10	6 26	16 2	0 54	9 3	0 45	23 3	0 26	7 58	0 26	2 0	2 0	34 34	14 38	13 54	13 47	1 39			n.a.
S 21	14 44	5 38	3 34	16 36	2 21	16 19	6 16	16 13	0 53	9 7	0 45	23 3	0 26	7 59	0 26	2 0	2 0	34 34	14 38	13 53	13 48	1 43			n.a.
S 22	14 25	11 1	4 18	16 57	2 6	16 27	6 7	16 24	0 52	9 10	0 45	23 4	0 26	7 59	0 26	1 59	2 0	34 35	14 37	13 53	13 49	1 46			n.a.
M23	14 6	16 2	4 50	17 17	1 51	16 35	5 57	16 34	0 51	9 14	0 45	23 4	0 25	8 0	0 26	1 58	2 0	34 35	14 37	13 53	13 50	1 50			n.a.
T 24	13 46	20 30	5 11	17 36	1 36	16 43	5 47	16 44	0 50	9 18	0 44	23 4	0 25	8 1	0 26	1 57	2 0	34 35	14 37	13 53	13 51	1 53			n.a.
W25	13 26	24 11	5 18	17 54	1 21	16 50	5 37	16 55	0 49	9 21	0 44	23 5	0 25	8 2	0 26	1 56	2 0	34 35	14 37	13 53	13 52	1 56			n.a.
T 26	13 6	26 50	5 10	18 10	1 6	16 58	5 27	17 5	0 48	9 25	0 44	23 5	0 25	8 3	0 26	1 56	2 0	34 35	14 37	13 53	13 53	2 0			n.a.
F 27	12 46	28 10	4 46	18 24	0 51	17 5	5 17	17 15	0 46	9 29	0 44	23 5	0 25	8 4	0 26	1 55	2 0	34 36	14 37	13 53	13 54	2 3			n.a.
S 28	12s25	27s56	4s 7	18s37	0n37	17s11	5n 7	17s25	0n45	9n33	0s44	23s 6	0n25	8n 5	0s26	1s54	2s 0	34n36	14n37	13s53	13s55	2s 6			n.a.

Julian Day Number = 1264891.5, Delta T = 08h22m43s
Ecliptic obliquity = 23°50'42, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°19'34, Lahiri = -21°12'34 Julian Calendar 1 Feb. 1250 BCE == Greg. Calendar 21 Jan. 1250 BCE

The year -1249 astronomical counting style corresponds to year 1250 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1250 BCE
geocentric

MARCH 1250 BCE (-1249) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 47 19	28♒50'38	16♉25	5♒40	20♉56	20♏55	26♈13	20♐48	21♈25	29♓51	0°R28	23♒36	23♒25	28♍37	n.a.	S 1
M 2	9 51 15	29°49'23	0♒35	5°55	21°22	21°27	26°23	20°52	21°28	29°53	0♌27	23°36	23°22	28°44	n.a.	M 2
T 3	9 55 12	0♓48'06	15° 9	6°15	21°49	21°59	26°33	20°55	21°30	29°55	0°26	23°37	23°19	28°51	n.a.	T 3
W 4	9 59 8	1°46'48	0♓ 1	6°39	22°18	22°31	26°44	20°59	21°33	29°57	0°24	23°R37	23°15	28°57	n.a.	W 4
T 5	10 3 5	2°45'27	15° 3	7° 8	22°49	23° 3	26°54	21° 3	21°35	29°59	0°23	23°36	23°12	29° 4	n.a.	T 5
F 6	10 7 1	3°44'04	0♈ 8	7°41	23°21	23°35	27° 5	21° 7	21°38	0♈ 1	0°22	23°35	23° 9	29°11	n.a.	F 6
S 7	10 10 58	4°42'38	15° 5	8°18	23°54	24° 6	27°16	21°10	21°41	0° 3	0°21	23°34	23° 6	29°17	n.a.	S 7
S 8	10 14 55	5°41'11	29°48	8°59	24°28	24°37	27°27	21°14	21°43	0° 5	0°19	23°33	23° 3	29°24	n.a.	S 8
M 9	10 18 51	6°39'41	14♉11	9°44	25° 4	25° 8	27°37	21°17	21°46	0° 8	0°18	23°32	22°59	29°31	n.a.	M 9
T 10	10 22 48	7°38'09	28°11	10°32	25°41	25°39	27°48	21°20	21°49	0°10	0°17	23°31	22°56	29°37	n.a.	T 10
W11	10 26 44	8°36'35	11♊47	11°23	26°19	26°10	27°59	21°24	21°51	0°12	0°16	23°D31	22°53	29°44	n.a.	W11
T 12	10 30 41	9°34'58	25° 0	12°18	26°59	26°41	28°11	21°27	21°54	0°14	0°15	23°31	22°50	29°51	n.a.	T 12
F 13	10 34 37	10°33'19	7♋53	13°16	27°39	27°11	28°22	21°30	21°57	0°16	0°14	23°32	22°47	29°57	n.a.	F 13
S 14	10 38 34	11°31'38	20°29	14°16	28°21	27°42	28°33	21°33	22° 0	0°18	0°12	23°34	22°44	0♎ 4	n.a.	S 14
S 15	10 42 30	12°29'55	2♌51	15°19	29° 3	28°12	28°45	21°36	22° 3	0°20	0°11	23°35	22°40	0°11	n.a.	S 15
M16	10 46 27	13°28'09	15° 1	16°25	29°47	28°41	28°56	21°38	22° 6	0°22	0°10	23°36	22°37	0°17	n.a.	M16
T 17	10 50 24	14°26'22	27° 3	17°34	0♒31	29°11	29° 8	21°41	22° 9	0°25	0° 9	23°R36	22°34	0°24	n.a.	T 17
W18	10 54 20	15°24'32	8♍59	18°45	1°16	29°40	29°19	21°44	22°11	0°27	0° 8	23°35	22°31	0°31	n.a.	W18
T 19	10 58 17	16°22'41	20°51	19°58	2° 2	0♐10	29°31	21°46	22°14	0°29	0° 7	23°33	22°28	0°37	n.a.	T 19
F 20	11 2 13	17°20'47	2♎41	21°14	2°49	0°39	29°43	21°49	22°17	0°31	0° 6	23°30	22°25	0°44	n.a.	F 20
S 21	11 6 10	18°18'52	14°31	22°32	3°37	1° 7	29°54	21°51	22°20	0°33	0° 5	23°26	22°21	0°51	n.a.	S 21
S 22	11 10 6	19°16'55	26°23	23°52	4°25	1°36	0♑ 6	21°53	22°24	0°36	0° 4	23°22	22°18	0°57	n.a.	S 22
M23	11 14 3	20°14'57	8♏21	25°14	5°15	2° 4	0°18	21°55	22°27	0°38	0° 3	23°18	22°15	1° 4	n.a.	M23
T 24	11 17 59	21°12'57	20°26	26°39	6° 5	2°32	0°30	21°57	22°30	0°40	0° 3	23°14	22°12	1°11	n.a.	T 24
W25	11 21 56	22°10'55	2♐42	28° 5	6°55	3° 0	0°42	21°59	22°33	0°42	0° 2	23°11	22° 9	1°17	n.a.	W25
T 26	11 25 52	23° 8'52	15°13	29°34	7°47	3°28	0°55	22° 1	22°36	0°45	0° 1	23°10	22° 5	1°24	n.a.	T 26
F 27	11 29 49	24° 6'48	28° 2	1♓ 4	8°38	3°55	1° 7	22° 3	22°39	0°47	0° 0	23°D 9	22° 2	1°31	n.a.	F 27
S 28	11 33 46	25° 4'42	11♉14	2°37	9°31	4°22	1°19	22° 5	22°42	0°49	29♋59	23°10	21°59	1°38	n.a.	S 28
S 29	11 37 42	26° 2'35	24°50	4°12	10°24	4°49	1°31	22° 6	22°46	0°51	29°59	23°12	21°56	1°44	n.a.	S 29
M30	11 41 39	27° 0'27	8♒53	5°48	11°18	5°15	1°44	22° 8	22°49	0°54	29°58	23°13	21°53	1°51	n.a.	M30
T 31	11 45 35	27♓58'17	23♒22	7♓27	12♒12	5♐41	1♑56	22♐ 9	22♈52	0♈56	29♋57	23°R14	21♒50	1♎58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	12s 4	26s 0	3s12	18s48	0n23	17s17	4n57	17s35	0n44	9n37	0s43	23s 6	0n25	8n 6	0s26	1s53	2s 0	34n36	14n37	13s53	13s57	2s10			n.a.
M 2	11 43	22 23	2 4	18 58	0 9	17 23	4 47	17 45	0 43	9 41	0 43	23 6	0 25	8 7	0 26	1 52	2 0	34 36	14 36	13 53	13 58	2 13			n.a.
T 3	11 22	17 19	0 47	19 6	0s 4	17 29	4 37	17 54	0 42	9 45	0 43	23 7	0 25	8 8	0 26	1 52	2 0	34 36	14 36	13 53	13 59	2 16			n.a.
W 4	11 1	11 6	0n35	19 12	0 17	17 34	4 28	18 4	0 40	9 49	0 43	23 7	0 25	8 9	0 26	1 51	2 0	34 37	14 36	13 53	14 0	2 20			n.a.
T 5	10 40	4 12	1 56	19 17	0 29	17 38	4 18	18 13	0 39	9 53	0 43	23 7	0 25	8 10	0 26	1 50	2 0	34 37	14 36	13 53	14 1	2 23			n.a.
F 6	10 18	2n56	3 9	19 19	0 41	17 43	4 8	18 22	0 38	9 57	0 42	23 8	0 25	8 11	0 26	1 49	2 0	34 37	14 36	13 53	14 2	2 26			n.a.
S 7	9 57	9 50	4 8	19 20	0 52	17 47	3 59	18 32	0 36	10 1	0 42	23 8	0 25	8 12	0 26	1 48	2 0	34 37	14 36	13 53	14 3	2 30			n.a.
S 8	9 35	16 6	4 50	19 20	1 3	17 50	3 49	18 41	0 35	10 5	0 42	23 8	0 25	8 13	0 25	1 47	2 0	34 37	14 35	13 54	14 4	2 33			n.a.
M 9	9 13	21 19	5 12	19 17	1 13	17 53	3 40	18 50	0 34	10 9	0 42	23 8	0 25	8 14	0 25	1 46	2 0	34 37	14 35	13 54	14 5	2 36			n.a.
T 10	8 51	25 12	5 16	19 13	1 23	17 55	3 30	18 59	0 32	10 13	0 42	23 9	0 25	8 15	0 25	1 45	2 0	34 37	14 35	13 55	14 6	2 40			n.a.
W11	8 29	27 33	5 1	19 7	1 32	17 57	3 21	19 8	0 31	10 18	0 41	23 9	0 25	8 16	0 25	1 45	2 0	34 37	14 35	13 55	14 7	2 43			n.a.
T 12	8 6	28 15	4 30	19 0	1 40	17 59	3 12	19 16	0 29	10 22	0 41	23 9	0 25	8 17	0 25	1 44	2 0	34 37	14 35	13 54	14 8	2 47			n.a.
F 13	7 44	27 23	3 47	18 50	1 48	18 0	3 3	19 25	0 28	10 26	0 41	23 9	0 25	8 18	0 25	1 43	1 59	34 37	14 34	13 54	14 9	2 50			n.a.
S 14	7 22	25 6	2 53	18 39	1 55	18 0	2 54	19 33	0 26	10 30	0 41	23 10	0 25	8 19	0 25	1 42	1 59	34 37	14 34	13 54	14 10	2 53			n.a.
S 15	6 59	21 40	1 52	18 27	2 1	18 0	2 45	19 42	0 24	10 35	0 41	23 10	0 25	8 20	0 25	1 41	1 59	34 37	14 34	13 53	14 11	2 57			n.a.
M16	6 36	17 21	0 47	18 12	2 7	18 0	2 36	19 50	0 23	10 39	0 40	23 10	0 25	8 21	0 25	1 40	1 59	34 37	14 34	13 53	14 12	3 0			n.a.
T 17	6 14	12 24	0s19	17 56	2 13	17 59	2 28	19 58	0 21	10 43	0 40	23 10	0 25	8 22	0 25	1 39	1 59	34 37	14 33	13 53	14 13	3 3			n.a.
W18	5 51	7 3	1 24	17 38	2 18	17 57	2 19	20 6	0 19	10 48	0 40	23 10	0 25	8 24	0 25	1 38	1 59	34 37	14 33	13 53	14 15	3 7			n.a.
T 19	5 28	1 29	2 24	17 18	2 22	17 55	2 11	20 14	0 18	10 52	0 40	23 11	0 24	8 25	0 25	1 37	1 59	34 37	14 33	13 54	14 16	3 10			n.a.
F 20	5 5	4s 7	3 19	16 57	2 25	17 52	2 3	20 22	0 16	10 56	0 40	23 11	0 24	8 26	0 25	1 37	1 59	34 37	14 33	13 55	14 17	3 13			n.a.
S 21	4 42	9 33	4 4	16 34	2 28	17 49	1 55	20 30	0 14	11 1	0 40	23 11	0 24	8 27	0 25	1 36	1 59	34 37	14 32	13 56	14 18	3 17			n.a.
S 22	4 19	14 41	4 39	16 9	2 31	17 45	1 47	20 38	0 12	11 5	0 39	23 11	0 24	8 28	0 25	1 35	1 59	34 37	14 32	13 58	14 19	3 20			n.a.
M23	3 56	19 17	5 3	15 43	2 33	17 41	1 39	20 46	0 10	11 10	0 39	23 11	0 24	8 29	0 25	1 34	1 59	34 37	14 32	13 59	14 20	3 23			n.a.
T 24	3 32	23 10	5 13	15 15	2 34	17 36	1 31	20 53	0 8	11 14	0 39	23 12	0 24	8 31	0 25	1 33	1 59	34 37	14 31	14 0	14 21	3 27			n.a.
W25	3 9	26 6	5 9	14 45	2 35	17 30	1 24	21 0	0 6	11 18	0 39	23 12	0 24	8 32	0 25	1 32	1 59	34 37	14 31	14 1	14 22	3 30			n.a.
T 26	2 46	27 49	4 50	14 14	2 35	17 24	1 16	21 8	0 4	11 23	0 39	23 12	0 24	8 33	0 25	1 31	1 59	34 37	14 31	14 2	14 23	3 33			n.a.
F 27	2 23	28 7	4 17	13 40	2 34	17 18	1 9	21 15	0 2	11 27	0 39	23 12	0 24	8 34	0 25	1 30	1 59	34 37	14 30	14 2	14 24	3 37			n.a.
S 28	1 59	26 50	3 30	13 6	2 33	17 11	1 2	21 22	0 0	11 32	0 38	23 12	0 24	8 35	0 25	1 29	1 59	34 37	14 30	14 1	14 25	3 40			n.a.
S 29	1 36	23 58	2 29	12 29	2 32	17 3	0 55	21 29	0s 2	11 36	0 38	23 12	0 24	8 37	0 25	1 28	1 59	34 37	14 30	14 1	14 26	3 43			n.a.
M30	1 13	19 35	1 18	11 51	2 29	16 55	0 48	21 36	0 4	11 41	0 38	23 12	0 24	8 38	0 25	1 27	1 59	34 37	14 30	14 1	14 27	3 46			n.a.
T 31	0s49	13s57	0n 1	11s11	2s27	16s46	0n41	21s43	0s 6	11n45	0s38	23s13	0n24	8n39	0s25	1s27	1s59	34n36	14n29	14s 0	14s28	3s50			n.a.

Julian Day Number = 1264919.5, Delta T = 08h22m41s
Ecliptic obliquity = 23°50'42, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°19'31, Lahiri = -21°12'30 Julian Calendar 1 March 1250 BCE == Greg. Calendar 18 Feb. 1250 BCE

The year -1249 astronomical counting style corresponds to year 1250 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1250 BCE
geocentric

APRIL 1250 BCE (-1249) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 49 32	28♓56'05	8♓13	9♓ 7	13♒ 7	6♐ 7	2♉ 9	22♐11	22♈55	0♈58	29°R56	23°R13	21♒46	2♎ 4	n.a.	W 1
T 2	11 53 28	29°53'52	23°21	10°50	14° 2	6°32	2°21	22°12	22°59	1° 0	29♋56	23♒10	21°43	2°11	n.a.	T 2
F 3	11 57 25	0♈51'38	8♈35	12°34	14°58	6°57	2°34	22°13	23° 2	1° 3	29°55	23° 6	21°40	2°18	n.a.	F 3
S 4	12 1 21	1°49'21	23°47	14°21	15°54	7°22	2°47	22°14	23° 5	1° 5	29°55	23° 1	21°37	2°24	n.a.	S 4
S 5	12 5 18	2°47'04	8♉46	16° 9	16°50	7°47	2°59	22°15	23° 9	1° 7	29°54	22°55	21°34	2°31	n.a.	S 5
M 6	12 9 15	3°44'45	23°24	17°59	17°47	8°11	3°12	22°16	23°12	1° 9	29°54	22°50	21°30	2°38	n.a.	M 6
T 7	12 13 11	4°42'24	7♊35	19°51	18°45	8°35	3°25	22°16	23°15	1°12	29°53	22°45	21°27	2°44	n.a.	T 7
W 8	12 17 8	5°40'01	21°17	21°46	19°43	8°58	3°38	22°17	23°19	1°14	29°53	22°43	21°24	2°51	n.a.	W 8
T 9	12 21 4	6°37'37	4♋33	23°42	20°41	9°21	3°51	22°17	23°22	1°16	29°52	22°D42	21°21	2°58	n.a.	T 9
F 10	12 25 1	7°35'11	17°23	25°40	21°40	9°44	4° 4	22°18	23°26	1°18	29°52	22°42	21°18	3° 4	n.a.	F 10
S 11	12 28 57	8°32'43	29°53	27°40	22°39	10° 6	4°17	22°18	23°29	1°21	29°51	22°43	21°15	3°11	n.a.	S 11
S 12	12 32 54	9°30'14	12♌ 7	29°41	23°38	10°28	4°30	22°18	23°32	1°23	29°51	22°45	21°11	3°18	n.a.	S 12
M13	12 36 50	10°27'43	24° 8	1♈45	24°37	10°49	4°43	22°19	23°36	1°25	29°51	22°R45	21° 8	3°24	n.a.	M13
T 14	12 40 47	11°25'11	6♍ 3	3°50	25°37	11°10	4°56	22°R19	23°39	1°27	29°51	22°44	21° 5	3°31	n.a.	T 14
W15	12 44 44	12°22'37	17°53	5°56	26°38	11°31	5° 9	22°18	23°43	1°29	29°50	22°41	21° 2	3°38	n.a.	W15
T 16	12 48 40	13°20'02	29°42	8° 4	27°38	11°51	5°22	22°18	23°46	1°32	29°50	22°36	20°59	3°44	n.a.	T 16
F 17	12 52 37	14°17'26	11♎32	10°13	28°39	12°11	5°35	22°18	23°50	1°34	29°50	22°28	20°56	3°51	n.a.	F 17
S 18	12 56 33	15°14'49	23°26	12°23	29°41	12°30	5°48	22°18	23°53	1°36	29°50	22°19	20°52	3°58	n.a.	S 18
S 19	13 0 30	16°12'10	5♏24	14°34	0♓42	12°49	6° 2	22°17	23°57	1°38	29°50	22° 9	20°49	4° 4	n.a.	S 19
M20	13 4 26	17° 9'31	17°28	16°45	1°44	13° 7	6°15	22°17	24° 0	1°40	29°49	21°59	20°46	4°11	n.a.	M20
T 21	13 8 23	18° 6'51	29°41	18°57	2°46	13°25	6°28	22°16	24° 4	1°43	29°49	21°50	20°43	4°18	n.a.	T 21
W22	13 12 19	19° 4'09	12♐ 3	21° 8	3°48	13°42	6°42	22°15	24° 7	1°45	29°49	21°43	20°40	4°25	n.a.	W22
T 23	13 16 16	20° 1'28	24°38	23°19	4°51	13°59	6°55	22°14	24°11	1°47	29°D49	21°38	20°36	4°31	n.a.	T 23
F 24	13 20 13	20°58'45	7♑28	25°30	5°54	14°16	7° 8	22°14	24°14	1°49	29°49	21°35	20°33	4°38	n.a.	F 24
S 25	13 24 9	21°56'02	20°36	27°40	6°57	14°31	7°22	22°13	24°18	1°51	29°49	21°D34	20°30	4°45	n.a.	S 25
S 26	13 28 6	22°53'18	4♒ 5	29°49	8° 0	14°47	7°35	22°11	24°21	1°53	29°50	21°34	20°27	4°51	n.a.	S 26
M27	13 32 2	23°50'34	17°57	1♉56	9° 4	15° 1	7°49	22°10	24°25	1°56	29°50	21°R35	20°24	4°58	n.a.	M27
T 28	13 35 59	24°47'49	2♓14	4° 2	10° 7	15°15	8° 2	22° 9	24°28	1°58	29°50	21°34	20°21	5° 5	n.a.	T 28
W29	13 39 55	25°45'03	16°53	6° 7	11°11	15°29	8°16	22° 7	24°32	2° 0	29°50	21°32	20°17	5°11	n.a.	W29
T 30	13 43 52	26♈42'17	1♈51	8♉ 9	12♓15	15♐41	8♉29	22♐ 6	24♈35	2♈ 2	29♋50	21♒27	20♒14	5♎18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s26	7s23	1n21	10s30	2s23	16s37	0n35	21s50	0s 9	11n50	0s38	23s13	0n24	8n40	0s25	1s26	1s59	34n36	14n29	14s 1	14s29	3s53		n.a.
T 2	0 2	0 18	2 37	9 46	2 20	16 27	0 28	21 57	0 11	11 54	0 38	23 13	0 24	8 42	0 25	1 25	1 59	34 36	14 29	14 1	14 30	3 56		n.a.
F 3	0n21	6n51	3 42	9 2	2 15	16 16	0 22	22 3	0 13	11 59	0 37	23 13	0 24	8 43	0 25	1 24	1 59	34 36	14 28	14 3	14 31	4 0		n.a.
S 4	0 44	13 34	4 31	8 16	2 10	16 5	0 16	22 10	0 16	12 4	0 37	23 13	0 24	8 44	0 25	1 23	1 59	34 36	14 28	14 5	14 32	4 3		n.a.
S 5	1 8	19 24	5 1	7 28	2 5	15 54	0 10	22 16	0 18	12 8	0 37	23 13	0 24	8 45	0 25	1 22	1 59	34 36	14 28	14 6	14 33	4 6		n.a.
M 6	1 31	23 56	5 10	6 38	1 59	15 42	0 4	22 23	0 21	12 13	0 37	23 13	0 24	8 47	0 25	1 21	1 59	34 35	14 27	14 8	14 34	4 10		n.a.
T 7	1 54	26 52	5 0	5 48	1 52	15 30	0s 2	22 29	0 23	12 17	0 37	23 13	0 24	8 48	0 25	1 20	1 59	34 35	14 27	14 10	14 35	4 13		n.a.
W 8	2 17	28 5	4 33	4 55	1 45	15 17	0 8	22 35	0 26	12 22	0 37	23 13	0 24	8 49	0 25	1 19	1 59	34 35	14 27	14 11	14 36	4 16		n.a.
T 9	2 40	27 37	3 51	4 2	1 37	15 3	0 13	22 42	0 28	12 26	0 37	23 13	0 24	8 51	0 25	1 18	1 59	34 35	14 26	14 11	14 38	4 20		n.a.
F 10	3 4	25 40	3 0	3 7	1 29	14 49	0 19	22 48	0 31	12 31	0 36	23 14	0 24	8 52	0 25	1 17	1 59	34 34	14 26	14 11	14 39	4 23		n.a.
S 11	3 27	22 29	2 1	2 11	1 21	14 35	0 24	22 54	0 34	12 36	0 36	23 14	0 23	8 53	0 25	1 17	1 59	34 34	14 25	14 10	14 40	4 26		n.a.
S 12	3 50	18 22	0 57	1 13	1 12	14 20	0 29	23 0	0 37	12 40	0 36	23 14	0 23	8 54	0 25	1 16	1 59	34 34	14 25	14 10	14 41	4 30		n.a.
M13	4 13	13 35	0s 8	0 15	1 3	14 4	0 34	23 6	0 39	12 45	0 36	23 14	0 23	8 56	0 25	1 15	1 59	34 34	14 25	14 10	14 42	4 33		n.a.
T 14	4 35	8 21	1 11	0n44	0 53	13 49	0 39	23 12	0 42	12 49	0 36	23 14	0 23	8 57	0 25	1 14	1 59	34 33	14 24	14 10	14 43	4 36		n.a.
W15	4 58	2 52	2 11	1 44	0 43	13 32	0 44	23 18	0 45	12 54	0 36	23 14	0 23	8 58	0 25	1 13	1 59	34 33	14 24	14 11	14 44	4 39		n.a.
T 16	5 21	2s42	3 5	2 45	0 33	13 15	0 49	23 23	0 48	12 58	0 36	23 14	0 23	9 0	0 25	1 12	1 59	34 33	14 24	14 13	14 45	4 43		n.a.
F 17	5 44	8 11	3 52	3 46	0 22	12 58	0 53	23 29	0 51	13 3	0 36	23 14	0 23	9 1	0 25	1 11	1 59	34 32	14 23	14 15	14 46	4 46		n.a.
S 18	6 6	13 23	4 28	4 48	0 12	12 40	0 58	23 35	0 55	13 8	0 35	23 14	0 23	9 2	0 25	1 10	1 59	34 32	14 23	14 18	14 47	4 49		n.a.
S 19	6 29	18 7	4 52	5 49	0 1	12 22	1 2	23 40	0 58	13 12	0 35	23 14	0 23	9 4	0 25	1 9	1 59	34 32	14 23	14 22	14 48	4 53		n.a.
M20	6 51	22 11	5 4	6 50	0n 9	12 4	1 6	23 46	1 1	13 17	0 35	23 14	0 23	9 5	0 25	1 9	1 59	34 31	14 22	14 25	14 49	4 56		n.a.
T 21	7 13	25 20	5 2	7 51	0 20	11 45	1 10	23 51	1 4	13 21	0 35	23 14	0 23	9 6	0 25	1 8	1 59	34 31	14 22	14 28	14 50	4 59		n.a.
W22	7 35	27 21	4 46	8 51	0 30	11 25	1 14	23 57	1 8	13 26	0 35	23 14	0 23	9 8	0 25	1 7	1 59	34 31	14 21	14 30	14 51	5 2		n.a.
T 23	7 57	28 0	4 16	9 50	0 40	11 6	1 17	24 2	1 11	13 30	0 35	23 14	0 23	9 9	0 25	1 6	1 59	34 30	14 21	14 32	14 52	5 6		n.a.
F 24	8 19	27 11	3 33	10 48	0 50	10 45	1 21	24 8	1 14	13 35	0 35	23 14	0 23	9 10	0 25	1 5	1 59	34 30	14 21	14 33	14 53	5 9		n.a.
S 25	8 41	24 50	2 38	11 45	0 59	10 25	1 25	24 13	1 18	13 40	0 34	23 14	0 23	9 12	0 25	1 4	2 0	34 30	14 20	14 33	14 54	5 12		n.a.
S 26	9 3	21 3	1 32	12 40	1 9	10 4	1 28	24 19	1 22	13 44	0 34	23 14	0 23	9 13	0 25	1 3	2 0	34 29	14 20	14 33	14 55	5 16		n.a.
M27	9 24	16 1	0 19	13 33	1 17	9 43	1 31	24 24	1 25	13 49	0 34	23 14	0 23	9 14	0 25	1 3	2 0	34 29	14 20	14 33	14 56	5 19		n.a.
T 28	9 46	9 59	0n57	14 25	1 25	9 21	1 34	24 29	1 29	13 53	0 34	23 14	0 23	9 15	0 25	1 2	2 0	34 28	14 19	14 33	14 57	5 22		n.a.
W29	10 7	3 16	2 11	15 14	1 33	8 59	1 37	24 34	1 33	13 58	0 34	23 14	0 23	9 17	0 25	1 1	2 0	34 28	14 19	14 34	14 58	5 25		n.a.
T 30	10n28	3n45	3n17	16n 2	1n40	8s37	1s40	24s40	1s37	14n 2	0s34	23s14	0n23	9n18	0s25	1s 0	2s 0	34n28	14n18	14s35	14s59	5s29		n.a.

Julian Day Number = 1264950.5, Delta T = 08h22m40s
Ecliptic obliquity = 23°50'42, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°19'26, Lahiri = -21°12'26 Julian Calendar 1 Apr. 1250 BCE == Greg. Calendar 21 March 1250 BCE

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ASTRODIENST EPHEMERIS for the year 1250 BCE
geocentric

MAY 1250 BCE (-1249) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 47 48	27♈39'30	17♈ 0	10♉10	13♓20	15♐54	8♉43	22°R 4	24♈39	2♈ 4	29♋50	21°R20	20♒11	5♎25	n.a.	F 1
S 2	13 51 45	28°36'43	2♉11	12° 8	14°24	16° 5	8°56	22♐ 3	24°42	2° 6	29°51	21♒11	20° 8	5°31	n.a.	S 2
S 3	13 55 42	29°33'55	17°12	14° 5	15°29	16°16	9°10	22° 1	24°46	2° 8	29°51	21° 1	20° 5	5°38	n.a.	S 3
M 4	13 59 38	0♉31'06	1♊56	15°59	16°34	16°26	9°24	21°59	24°49	2°10	29°51	20°52	20° 2	5°45	n.a.	M 4
T 5	14 3 35	1°28'16	16°13	17°50	17°39	16°36	9°37	21°57	24°53	2°12	29°52	20°44	19°58	5°51	n.a.	T 5
W 6	14 7 31	2°25'26	0♋ 2	19°40	18°44	16°45	9°51	21°55	24°56	2°14	29°52	20°38	19°55	5°58	n.a.	W 6
T 7	14 11 28	3°22'35	13°22	21°27	19°50	16°53	10° 4	21°53	25° 0	2°16	29°53	20°34	19°52	6° 5	n.a.	T 7
F 8	14 15 24	4°19'43	26°15	23°11	20°55	17° 1	10°18	21°51	25° 3	2°18	29°53	20°33	19°49	6°11	n.a.	F 8
S 9	14 19 21	5°16'51	8♌45	24°53	22° 1	17° 8	10°32	21°49	25° 7	2°20	29°53	20°D32	19°46	6°18	n.a.	S 9
S 10	14 23 18	6°13'57	20°57	26°33	23° 7	17°14	10°45	21°46	25°10	2°22	29°54	20°R33	19°42	6°25	n.a.	S 10
M11	14 27 14	7°11'03	2♍57	28°10	24°13	17°20	10°59	21°44	25°14	2°24	29°55	20°32	19°39	6°32	n.a.	M11
T 12	14 31 11	8° 8'08	14°49	29°45	25°19	17°24	11°13	21°41	25°17	2°26	29°55	20°30	19°36	6°38	n.a.	T 12
W13	14 35 7	9° 5'13	26°37	1♊17	26°26	17°28	11°26	21°39	25°21	2°28	29°56	20°25	19°33	6°45	n.a.	W13
T 14	14 39 4	10° 2'17	8♎27	2°47	27°32	17°32	11°40	21°36	25°24	2°30	29°56	20°18	19°30	6°52	n.a.	T 14
F 15	14 43 0	10°59'21	20°20	4°14	28°39	17°34	11°54	21°33	25°28	2°32	29°57	20° 8	19°27	6°58	n.a.	F 15
S 16	14 46 57	11°56'25	2♏20	5°38	29°46	17°36	12° 7	21°30	25°31	2°33	29°58	19°56	19°23	7° 5	n.a.	S 16
S 17	14 50 53	12°53'28	14°27	7° 0	0♈52	17°37	12°21	21°27	25°34	2°35	29°58	19°43	19°20	7°12	n.a.	S 17
M18	14 54 50	13°50'31	26°42	8°20	2° 0	17°R38	12°34	21°24	25°38	2°37	29°59	19°29	19°17	7°18	n.a.	M18
T 19	14 58 47	14°47'34	9♐ 7	9°36	3° 7	17°37	12°48	21°21	25°41	2°39	0♌ 0	19°17	19°14	7°25	n.a.	T 19
W20	15 2 43	15°44'38	21°43	10°50	4°14	17°36	13° 2	21°18	25°44	2°41	0° 1	19° 7	19°11	7°32	n.a.	W20
T 21	15 6 40	16°41'41	4♑29	12° 1	5°21	17°34	13°15	21°15	25°48	2°42	0° 2	19° 0	19° 7	7°38	n.a.	T 21
F 22	15 10 36	17°38'44	17°27	13°10	6°29	17°31	13°29	21°12	25°51	2°44	0° 3	18°55	19° 4	7°45	n.a.	F 22
S 23	15 14 33	18°35'48	0♒40	14°15	7°37	17°28	13°43	21° 8	25°55	2°46	0° 3	18°53	19° 1	7°52	n.a.	S 23
S 24	15 18 29	19°32'52	14° 9	15°17	8°45	17°24	13°56	21° 5	25°58	2°47	0° 4	18°52	18°58	7°59	n.a.	S 24
M25	15 22 26	20°29'56	27°55	16°17	9°53	17°19	14°10	21° 1	26° 1	2°49	0° 5	18°52	18°55	8° 5	n.a.	M25
T 26	15 26 22	21°27'01	12♓ 1	17°13	11° 1	17°13	14°23	20°58	26° 4	2°51	0° 6	18°51	18°52	8°12	n.a.	T 26
W27	15 30 19	22°24'06	26°25	18° 6	12° 9	17° 7	14°37	20°54	26° 8	2°52	0° 7	18°49	18°48	8°19	n.a.	W27
T 28	15 34 16	23°21'12	11♈ 5	18°55	13°17	16°59	14°51	20°51	26°11	2°54	0° 8	18°43	18°45	8°25	n.a.	T 28
F 29	15 38 12	24°18'18	25°56	19°41	14°25	16°51	15° 4	20°47	26°14	2°56	0°10	18°36	18°42	8°32	n.a.	F 29
S 30	15 42 9	25°15'24	10♉51	20°23	15°34	16°43	15°18	20°43	26°17	2°57	0°11	18°26	18°39	8°39	n.a.	S 30
S 31	15 46 5	26♉12'31	25♉40	21♊ 2	16♈42	16♐34	15♉31	20♐39	26♈20	2♈59	0♌12	18♒15	18♒36	8♎45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n49	10n38	4n11	16n47	1n46	8s14	1s43	24s45	1s40	14n 7	0s34	23s14	0n22	9n19	0s25	0s59	2s 0	34n27	14n18	14s38	15s 0	5s32		n.a.
S 2	11 10	16 54	4 46	17 30	1 51	7 51	1 45	24 50	1 44	14 11	0 34	23 14	0 22	9 21	0 25	0 59	2 0	34 27	14 18	14 41	15 1	5 35		n.a.
S 3	11 30	22 4	5 2	18 11	1 56	7 28	1 48	24 55	1 48	14 16	0 34	23 14	0 22	9 22	0 25	0 58	2 0	34 26	14 17	14 44	15 2	5 38		n.a.
M 4	11 51	25 44	4 57	18 49	2 0	7 4	1 50	25 0	1 52	14 20	0 33	23 14	0 22	9 23	0 25	0 57	2 0	34 26	14 17	14 47	15 3	5 42		n.a.
T 5	12 11	27 39	4 34	19 25	2 4	6 41	1 52	25 5	1 57	14 25	0 33	23 14	0 22	9 25	0 25	0 56	2 0	34 25	14 16	14 50	15 4	5 45		n.a.
W 6	12 31	27 45	3 54	19 59	2 7	6 17	1 54	25 11	2 1	14 29	0 33	23 13	0 22	9 26	0 25	0 55	2 0	34 25	14 16	14 52	15 5	5 48		n.a.
T 7	12 51	26 12	3 4	20 30	2 9	5 52	1 56	25 16	2 5	14 34	0 33	23 13	0 22	9 27	0 25	0 55	2 0	34 24	14 16	14 53	15 6	5 51		n.a.
F 8	13 11	23 18	2 5	20 59	2 10	5 28	1 58	25 21	2 9	14 38	0 33	23 13	0 22	9 29	0 25	0 54	2 0	34 24	14 15	14 53	15 7	5 55		n.a.
S 9	13 30	19 23	1 2	21 26	2 11	5 3	2 0	25 26	2 14	14 43	0 33	23 13	0 22	9 30	0 25	0 53	2 0	34 23	14 15	14 53	15 8	5 58		n.a.
S 10	13 49	14 43	0s 2	21 50	2 11	4 38	2 2	25 31	2 18	14 47	0 33	23 13	0 22	9 31	0 25	0 52	2 0	34 23	14 15	14 53	15 9	6 1		n.a.
M11	14 9	9 35	1 5	22 12	2 10	4 13	2 3	25 36	2 23	14 51	0 33	23 13	0 22	9 32	0 25	0 52	2 0	34 22	14 14	14 53	15 10	6 4		n.a.
T 12	14 27	4 10	2 5	22 32	2 9	3 47	2 5	25 41	2 27	14 56	0 33	23 13	0 22	9 34	0 25	0 51	2 0	34 22	14 14	14 54	15 11	6 8		n.a.
W13	14 46	1s22	2 59	22 50	2 7	3 22	2 6	25 45	2 32	15 0	0 32	23 13	0 22	9 35	0 25	0 50	2 0	34 21	14 13	14 56	15 12	6 11		n.a.
T 14	15 4	6 50	3 45	23 6	2 4	2 56	2 7	25 50	2 36	15 5	0 32	23 13	0 22	9 36	0 25	0 49	2 0	34 21	14 13	14 58	15 13	6 14		n.a.
F 15	15 23	12 6	4 21	23 19	2 1	2 30	2 8	25 55	2 41	15 9	0 32	23 13	0 22	9 38	0 25	0 49	2 0	34 20	14 13	15 1	15 14	6 17		n.a.
S 16	15 41	16 57	4 46	23 31	1 57	2 4	2 9	26 0	2 45	15 13	0 32	23 13	0 22	9 39	0 25	0 48	2 0	34 20	14 12	15 5	15 15	6 21		n.a.
S 17	15 58	21 11	4 59	23 41	1 52	1 38	2 10	26 5	2 50	15 18	0 32	23 12	0 21	9 40	0 25	0 47	2 0	34 19	14 12	15 9	15 16	6 24		n.a.
M18	16 16	24 34	4 58	23 49	1 47	1 11	2 11	26 10	2 55	15 22	0 32	23 12	0 21	9 41	0 25	0 47	2 0	34 19	14 12	15 13	15 17	6 27		n.a.
T 19	16 33	26 50	4 42	23 55	1 41	0 45	2 11	26 14	3 0	15 26	0 32	23 12	0 21	9 43	0 25	0 46	2 0	34 18	14 11	15 17	15 18	6 30		n.a.
W20	16 50	27 48	4 13	24 0	1 34	0 18	2 12	26 19	3 5	15 31	0 32	23 12	0 21	9 44	0 25	0 45	2 0	34 18	14 11	15 21	15 19	6 34		n.a.
T 21	17 6	27 17	3 31	24 3	1 27	0n 9	2 12	26 24	3 9	15 35	0 32	23 12	0 21	9 45	0 25	0 45	2 0	34 17	14 11	15 23	15 20	6 37		n.a.
F 22	17 23	25 17	2 38	24 4	1 19	0 35	2 13	26 28	3 14	15 39	0 32	23 12	0 21	9 46	0 25	0 44	2 0	34 17	14 10	15 24	15 21	6 40		n.a.
S 23	17 39	21 53	1 35	24 4	1 10	1 2	2 13	26 33	3 19	15 43	0 32	23 12	0 21	9 48	0 25	0 43	2 1	34 16	14 10	15 25	15 22	6 43		n.a.
S 24	17 55	17 16	0 25	24 2	1 1	1 29	2 13	26 37	3 24	15 47	0 31	23 11	0 21	9 49	0 25	0 43	2 1	34 16	14 9	15 25	15 23	6 47		n.a.
M25	18 11	11 39	0n48	23 59	0 52	1 57	2 13	26 41	3 29	15 52	0 31	23 11	0 21	9 50	0 25	0 42	2 1	34 15	14 9	15 25	15 24	6 50		n.a.
T 26	18 26	5 20	1 59	23 54	0 42	2 24	2 13	26 46	3 34	15 56	0 31	23 11	0 21	9 51	0 25	0 41	2 1	34 14	14 9	15 26	15 25	6 53		n.a.
W27	18 41	1n22	3 4	23 49	0 31	2 51	2 13	26 50	3 39	16 0	0 31	23 11	0 21	9 52	0 25	0 41	2 1	34 14	14 8	15 26	15 26	6 56		n.a.
T 28	18 56	8 6	3 59	23 42	0 20	3 18	2 13	26 54	3 43	16 4	0 31	23 11	0 21	9 54	0 25	0 40	2 1	34 13	14 8	15 28	15 27	6 59		n.a.
F 29	19 10	14 29	4 38	23 34	0 8	3 45	2 12	26 58	3 48	16 8	0 31	23 10	0 21	9 55	0 25	0 40	2 1	34 13	14 8	15 30	15 28	7 3		n.a.
S 30	19 24	20 2	4 58	23 25	0s 4	4 12	2 12	27 2	3 53	16 12	0 31	23 10	0 21	9 56	0 25	0 39	2 1	34 12	14 7	15 34	15 29	7 6		n.a.
S 31	19n38	24n19	4n58	23n15	0s17	4n40	2s11	27s 6	3s58	16n16	0s31	23s10	0n21	9n57	0s25	0s38	2s 1	34n11	14n 7	15s37	15s30	7s 9		n.a.

Julian Day Number = 1264980.5, Delta T = 08h22m38s
Ecliptic obliquity = 23°50'42, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°19'22, Lahiri = -21°12'22 Julian Calendar 1 May 1250 BCE == Greg. Calendar 20 Apr. 1250 BCE

The year -1249 astronomical counting style corresponds to year 1250 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1250 BCE
geocentric

JUNE 1250 BCE (-1249) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 50 2	27♉ 9'38	10♊15	21♊36	17♈51	16°R24	15♉45	20°R36	26♈24	3♈ 0	0♌13	18°R 4	18♒33	8♎52	n.a.	M 1
T 2	15 53 58	28° 6'46	24°28	22° 7	19° 0	16♐13	15°58	20♐32	26°27	3° 2	0°14	17♒54	18°29	8°59	n.a.	T 2
W 3	15 57 55	29° 3'54	8♋16	22°33	20° 9	16° 2	16°12	20°28	26°30	3° 3	0°15	17°47	18°26	9° 5	n.a.	W 3
T 4	16 1 52	0♊ 1'02	21°37	22°55	21°18	15°50	16°25	20°24	26°33	3° 4	0°17	17°43	18°23	9°12	n.a.	T 4
F 5	16 5 48	0°58'10	4♌32	23°12	22°27	15°38	16°39	20°20	26°36	3° 6	0°18	17°40	18°20	9°19	n.a.	F 5
S 6	16 9 45	1°55'18	17° 4	23°25	23°36	15°25	16°52	20°16	26°39	3° 7	0°19	17°D40	18°17	9°26	n.a.	S 6
S 7	16 13 41	2°52'27	29°18	23°33	24°45	15°12	17° 5	20°11	26°42	3° 9	0°20	17°R40	18°13	9°32	n.a.	S 7
M 8	16 17 38	3°49'35	11♍19	23°R36	25°55	14°58	17°19	20° 7	26°45	3°10	0°22	17°40	18°10	9°39	n.a.	M 8
T 9	16 21 34	4°46'45	23°11	23°35	27° 4	14°44	17°32	20° 3	26°48	3°11	0°23	17°38	18° 7	9°46	n.a.	T 9
W10	16 25 31	5°43'54	5♎ 1	23°28	28°14	14°29	17°45	19°59	26°51	3°12	0°24	17°35	18° 4	9°52	n.a.	W10
T 11	16 29 27	6°41'04	16°53	23°17	29°23	14°14	17°59	19°55	26°54	3°14	0°26	17°29	18° 1	9°59	n.a.	T 11
F 12	16 33 24	7°38'14	28°51	23° 1	0♉33	13°59	18°12	19°50	26°57	3°15	0°27	17°20	17°58	10° 6	n.a.	F 12
S 13	16 37 21	8°35'25	10♏57	22°40	1°43	13°44	18°25	19°46	26°59	3°16	0°29	17°10	17°54	10°12	n.a.	S 13
S 14	16 41 17	9°32'37	23°14	22°15	2°52	13°28	18°38	19°42	27° 2	3°17	0°30	16°58	17°51	10°19	n.a.	S 14
M15	16 45 14	10°29'49	5♐43	21°46	4° 2	13°12	18°51	19°37	27° 5	3°18	0°32	16°46	17°48	10°26	n.a.	M15
T 16	16 49 10	11°27'02	18°24	21°12	5°12	12°57	19° 4	19°33	27° 8	3°19	0°33	16°36	17°45	10°32	n.a.	T 16
W17	16 53 7	12°24'16	1♑17	20°36	6°23	12°41	19°17	19°28	27°11	3°20	0°35	16°27	17°42	10°39	n.a.	W17
T 18	16 57 3	13°21'31	14°22	19°56	7°33	12°24	19°30	19°24	27°13	3°21	0°36	16°20	17°39	10°46	n.a.	T 18
F 19	17 1 0	14°18'48	27°38	19°15	8°43	12° 8	19°43	19°20	27°16	3°22	0°38	16°17	17°35	10°53	n.a.	F 19
S 20	17 4 57	15°16'05	11♒ 6	18°32	9°54	11°52	19°56	19°15	27°19	3°23	0°40	16°D15	17°32	10°59	n.a.	S 20
S 21	17 8 53	16°13'23	24°44	17°47	11° 4	11°36	20° 9	19°11	27°21	3°24	0°41	16°15	17°29	11° 6	n.a.	S 21
M22	17 12 50	17°10'43	8♓35	17° 3	12°15	11°21	20°22	19° 6	27°24	3°25	0°43	16°16	17°26	11°13	n.a.	M22
T 23	17 16 46	18° 8'04	22°37	16°20	13°25	11° 5	20°35	19° 2	27°26	3°26	0°44	16°R16	17°23	11°19	n.a.	T 23
W24	17 20 43	19° 5'26	6♈50	15°38	14°36	10°50	20°48	18°57	27°29	3°27	0°46	16°15	17°19	11°26	n.a.	W24
T 25	17 24 39	20° 2'49	21°13	14°58	15°47	10°34	21° 0	18°53	27°31	3°28	0°48	16°11	17°16	11°33	n.a.	T 25
F 26	17 28 36	21° 0'14	5♉41	14°22	16°58	10°19	21°13	18°48	27°34	3°29	0°50	16° 6	17°13	11°39	n.a.	F 26
S 27	17 32 32	21°57'41	20°11	13°49	18° 8	10° 5	21°26	18°44	27°36	3°29	0°51	15°58	17°10	11°46	n.a.	S 27
S 28	17 36 29	22°55'09	4♊36	13°21	19°19	9°51	21°38	18°39	27°38	3°30	0°53	15°50	17° 7	11°53	n.a.	S 28
M29	17 40 26	23°52'38	18°50	12°58	20°31	9°37	21°51	18°35	27°41	3°31	0°55	15°42	17° 4	12° 0	n.a.	M29
T 30	17 44 22	24♊50'09	2♋47	12♊40	21♉42	9♐24	22♉ 3	18♐30	27♈43	3♈31	0♌57	15♒35	17♒ 0	12♎ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n51	26n57	4n39	23n 4	0s30	5n 7	2s11	27s 9	4s 3	16n21	0s31	23s10	0n20	9n58	0s25	0s38	2s 1	34n11	14n 7	15s40	15s31	7s12		n.a.
T 2	20 4	27 46	4 2	22 53	0 44	5 34	2 10	27 13	4 7	16 25	0 31	23 10	0 20	9 59	0 25	0 37	2 1	34 10	14 6	15 43	15 32	7 15		n.a.
W 3	20 17	26 47	3 12	22 40	0 58	6 1	2 9	27 16	4 12	16 29	0 31	23 9	0 20	10 1	0 25	0 37	2 1	34 10	14 6	15 46	15 33	7 19		n.a.
T 4	20 30	24 16	2 13	22 27	1 12	6 28	2 8	27 20	4 17	16 33	0 30	23 9	0 20	10 2	0 25	0 36	2 1	34 9	14 6	15 47	15 34	7 22		n.a.
F 5	20 42	20 34	1 9	22 14	1 26	6 55	2 7	27 23	4 21	16 37	0 30	23 9	0 20	10 3	0 25	0 36	2 1	34 9	14 6	15 48	15 35	7 25		n.a.
S 6	20 54	16 2	0 3	22 0	1 41	7 22	2 6	27 26	4 26	16 41	0 30	23 9	0 20	10 4	0 25	0 35	2 1	34 8	14 5	15 48	15 36	7 28		n.a.
S 7	21 5	10 57	1s 1	21 45	1 56	7 49	2 5	27 29	4 30	16 44	0 30	23 9	0 20	10 5	0 25	0 35	2 1	34 7	14 5	15 48	15 37	7 31		n.a.
M 8	21 16	5 34	2 2	21 31	2 11	8 15	2 4	27 31	4 34	16 48	0 30	23 8	0 20	10 6	0 25	0 34	2 1	34 7	14 5	15 48	15 38	7 35		n.a.
T 9	21 27	0 3	2 57	21 16	2 26	8 42	2 2	27 34	4 39	16 52	0 30	23 8	0 20	10 7	0 25	0 34	2 1	34 6	14 4	15 48	15 39	7 38		n.a.
W10	21 37	5s26	3 43	21 1	2 40	9 8	2 1	27 36	4 43	16 56	0 30	23 8	0 20	10 8	0 25	0 33	2 2	34 5	14 4	15 50	15 40	7 41		n.a.
T 11	21 48	10 45	4 21	20 46	2 55	9 35	2 0	27 38	4 47	17 0	0 30	23 8	0 20	10 9	0 25	0 33	2 2	34 5	14 4	15 51	15 41	7 44		n.a.
F 12	21 57	15 42	4 47	20 31	3 9	10 1	1 58	27 40	4 51	17 4	0 30	23 7	0 20	10 10	0 25	0 33	2 2	34 4	14 3	15 54	15 42	7 47		n.a.
S 13	22 6	20 6	5 0	20 17	3 22	10 27	1 56	27 42	4 55	17 7	0 30	23 7	0 19	10 11	0 25	0 32	2 2	34 4	14 3	15 57	15 43	7 51		n.a.
S 14	22 15	23 44	5 0	20 2	3 35	10 53	1 55	27 44	4 58	17 11	0 30	23 7	0 19	10 12	0 25	0 32	2 2	34 3	14 3	16 1	15 44	7 54		n.a.
M15	22 24	26 19	4 46	19 49	3 47	11 18	1 53	27 45	5 2	17 15	0 30	23 7	0 19	10 13	0 25	0 31	2 2	34 2	14 3	16 4	15 45	7 57		n.a.
T 16	22 32	27 36	4 17	19 36	3 58	11 44	1 51	27 47	5 5	17 19	0 30	23 6	0 19	10 14	0 25	0 31	2 2	34 2	14 2	16 8	15 46	8 0		n.a.
W17	22 40	27 26	3 35	19 23	4 8	12 9	1 49	27 48	5 8	17 22	0 29	23 6	0 19	10 15	0 25	0 31	2 2	34 1	14 2	16 10	15 47	8 3		n.a.
T 18	22 47	25 44	2 41	19 12	4 16	12 34	1 48	27 49	5 12	17 26	0 29	23 6	0 19	10 16	0 25	0 30	2 2	34 0	14 2	16 12	15 48	8 6		n.a.
F 19	22 54	22 35	1 38	19 1	4 23	12 59	1 46	27 49	5 15	17 30	0 29	23 6	0 19	10 17	0 25	0 30	2 2	34 0	14 2	16 14	15 49	8 10		n.a.
S 20	23 1	18 11	0 28	18 52	4 29	13 24	1 44	27 50	5 17	17 33	0 29	23 5	0 19	10 18	0 25	0 30	2 2	33 59	14 1	16 14	15 50	8 13		n.a.
S 21	23 7	12 47	0n45	18 44	4 33	13 48	1 41	27 50	5 20	17 37	0 29	23 5	0 19	10 19	0 25	0 29	2 2	33 59	14 1	16 14	15 51	8 16		n.a.
M22	23 13	6 42	1 56	18 38	4 36	14 12	1 39	27 51	5 23	17 40	0 29	23 5	0 19	10 20	0 25	0 29	2 2	33 58	14 1	16 14	15 52	8 19		n.a.
T 23	23 18	0 12	3 2	18 33	4 36	14 35	1 37	27 51	5 25	17 44	0 29	23 4	0 19	10 21	0 25	0 29	2 2	33 57	14 1	16 14	15 53	8 22		n.a.
W24	23 23	6n22	3 57	18 29	4 35	14 59	1 35	27 51	5 27	17 47	0 29	23 4	0 18	10 22	0 25	0 28	2 2	33 57	14 0	16 14	15 54	8 25		n.a.
T 25	23 28	12 41	4 37	18 28	4 33	15 22	1 33	27 50	5 29	17 51	0 29	23 4	0 18	10 23	0 25	0 28	2 2	33 56	14 0	16 15	15 55	8 29		n.a.
F 26	23 32	18 21	5 1	18 28	4 28	15 45	1 30	27 50	5 31	17 54	0 29	23 4	0 18	10 24	0 25	0 28	2 3	33 55	14 0	16 17	15 56	8 32		n.a.
S 27	23 36	22 58	5 5	18 31	4 22	16 7	1 28	27 49	5 33	17 58	0 29	23 3	0 18	10 25	0 25	0 28	2 3	33 55	14 0	16 19	15 57	8 35		n.a.
S 28	23 39	26 9	4 50	18 35	4 14	16 29	1 25	27 49	5 35	18 1	0 29	23 3	0 18	10 25	0 25	0 27	2 3	33 54	14 0	16 22	15 58	8 38		n.a.
M29	23 42	27 37	4 16	18 41	4 5	16 51	1 23	27 48	5 36	18 5	0 29	23 3	0 18	10 26	0 25	0 27	2 3	33 54	13 59	16 24	15 59	8 41		n.a.
T 30	23n44	27n17	3n29	18n49	3s55	17n12	1s20	27s47	5s37	18n 8	0s29	23s 2	0n18	10n27	0s25	0s27	2s 3	33n53	13n59	16s26	16s 0	8s44		n.a.

Julian Day Number = 1265011.5, Delta T = 08h22m36s
Ecliptic obliquity = 23°50'41, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°19'18, Lahiri = -21°12'18 Julian Calendar 1 June 1250 BCE == Greg. Calendar 21 May 1250 BCE

The year -1249 astronomical counting style corresponds to year 1250 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1250 BCE
geocentric

JULY 1250 BCE (-1249) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 48 19	25♊47'41	16♋24	12°R29	22♉53	9°R11	22♉16	18°R26	27♈45	3♈32	0♌59	15°R29	16♒57	12♎13	n.a.	W 1
T 2	17 52 15	26°45'13	29°39	12°D24	24° 4	8♐59	22°28	18♐22	27°47	3°33	1° 0	15♒26	16°54	12°20	n.a.	T 2
F 3	17 56 12	27°42'47	12♌31	12♊25	25°16	8°48	22°40	18°17	27°49	3°33	1° 2	15°D25	16°51	12°26	n.a.	F 3
S 4	18 0 8	28°40'23	25° 2	12°33	26°27	8°37	22°53	18°13	27°52	3°34	1° 4	15°25	16°48	12°33	n.a.	S 4
S 5	18 4 5	29°37'59	7♍17	12°49	27°39	8°26	23° 5	18° 9	27°54	3°34	1° 6	15°26	16°45	12°40	n.a.	S 5
M 6	18 8 2	0♋35'36	19°19	13°11	28°50	8°17	23°17	18° 4	27°56	3°35	1° 8	15°28	16°41	12°46	n.a.	M 6
T 7	18 11 58	1°33'15	1♎13	13°40	0♊ 2	8° 8	23°29	18° 0	27°58	3°35	1°10	15°R28	16°38	12°53	n.a.	T 7
W 8	18 15 55	2°30'54	13° 4	14°17	1°14	8° 0	23°41	17°56	28° 0	3°36	1°12	15°28	16°35	13° 0	n.a.	W 8
T 9	18 19 51	3°28'35	24°58	15° 1	2°25	7°52	23°53	17°51	28° 2	3°36	1°14	15°25	16°32	13° 7	n.a.	T 9
F 10	18 23 48	4°26'18	6♏59	15°51	3°37	7°45	24° 5	17°47	28° 3	3°36	1°16	15°21	16°29	13°13	n.a.	F 10
S 11	18 27 44	5°24'01	19°10	16°48	4°49	7°39	24°17	17°43	28° 5	3°37	1°18	15°16	16°25	13°20	n.a.	S 11
S 12	18 31 41	6°21'46	1♐35	17°51	6° 1	7°34	24°28	17°39	28° 7	3°37	1°20	15° 9	16°22	13°27	n.a.	S 12
M13	18 35 37	7°19'33	14°15	19° 1	7°13	7°30	24°40	17°35	28° 9	3°37	1°22	15° 3	16°19	13°33	n.a.	M13
T 14	18 39 34	8°17'21	27°11	20°17	8°25	7°26	24°51	17°31	28°10	3°37	1°24	14°57	16°16	13°40	n.a.	T 14
W15	18 43 31	9°15'11	10♑24	21°38	9°38	7°23	25° 3	17°27	28°12	3°37	1°26	14°52	16°13	13°47	n.a.	W15
T 16	18 47 27	10°13'02	23°52	23° 5	10°50	7°21	25°14	17°23	28°14	3°38	1°28	14°48	16°10	13°53	n.a.	T 16
F 17	18 51 24	11°10'55	7♒32	24°36	12° 2	7°20	25°26	17°19	28°15	3°38	1°30	14°47	16° 6	14° 0	n.a.	F 17
S 18	18 55 20	12° 8'50	21°23	26°12	13°15	7°D20	25°37	17°15	28°17	3°38	1°32	14°D47	16° 3	14° 7	n.a.	S 18
S 19	18 59 17	13° 6'46	5♓22	27°52	14°27	7°20	25°48	17°11	28°18	3°38	1°34	14°48	16° 0	14°14	n.a.	S 19
M20	19 3 13	14° 4'45	19°27	29°36	15°40	7°21	25°59	17° 8	28°20	3°R38	1°36	14°49	15°57	14°20	n.a.	M20
T 21	19 7 10	15° 2'45	3♈37	1♋22	16°52	7°23	26°10	17° 4	28°21	3°38	1°38	14°51	15°54	14°27	n.a.	T 21
W22	19 11 6	16° 0'48	17°49	3°12	18° 5	7°26	26°21	17° 0	28°22	3°38	1°40	14°R51	15°51	14°34	n.a.	W22
T 23	19 15 3	16°58'53	2♉ 1	5° 3	19°18	7°29	26°32	16°57	28°24	3°38	1°42	14°50	15°47	14°40	n.a.	T 23
F 24	19 19 0	17°57'00	16°11	6°56	20°30	7°34	26°43	16°53	28°25	3°38	1°44	14°48	15°44	14°47	n.a.	F 24
S 25	19 22 56	18°55'09	0♊16	8°51	21°43	7°39	26°54	16°50	28°26	3°37	1°46	14°45	15°41	14°54	n.a.	S 25
S 26	19 26 53	19°53'21	14°14	10°47	22°56	7°45	27° 4	16°46	28°27	3°37	1°48	14°42	15°38	15° 1	n.a.	S 26
M27	19 30 49	20°51'34	28° 0	12°43	24° 9	7°52	27°15	16°43	28°28	3°37	1°50	14°38	15°35	15° 7	n.a.	M27
T 28	19 34 46	21°49'50	11♋33	14°40	25°22	7°59	27°25	16°40	28°29	3°37	1°53	14°35	15°31	15°14	n.a.	T 28
W29	19 38 42	22°48'07	24°50	16°36	26°35	8° 7	27°35	16°37	28°30	3°36	1°55	14°33	15°28	15°21	n.a.	W29
T 30	19 42 39	23°46'26	7♌50	18°33	27°48	8°16	27°46	16°33	28°31	3°36	1°57	14°32	15°25	15°27	n.a.	T 30
F 31	19 46 35	24♋44'47	20♌32	20♋29	29♊ 2	8♐26	27♉56	16♐30	28♈32	3♈36	1♌59	14°D32	15♒22	15♎34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n47	25n18	2n30	18n59	3s44	17n33	1s18	27s46	5s38	18n11	0s28	23s 2	0n18	10n28	0s25	0s27	2s 3	33n52	13n59	16s28	16s 1	8s47		n.a.
T 2	23 48	21 56	1 24	19 11	3 31	17 54	1 15	27 45	5 39	18 14	0 28	23 2	0 18	10 29	0 25	0 27	2 3	33 52	13 59	16 29	16 2	8 50		n.a.
F 3	23 49	17 35	0 16	19 24	3 18	18 14	1 13	27 44	5 40	18 18	0 28	23 2	0 18	10 29	0 25	0 26	2 3	33 51	13 59	16 29	16 3	8 54		n.a.
S 4	23 50	12 35	0s52	19 39	3 3	18 33	1 10	27 43	5 41	18 21	0 28	23 1	0 18	10 30	0 25	0 26	2 3	33 50	13 58	16 29	16 4	8 57		n.a.
S 5	23 51	7 12	1 55	19 56	2 49	18 53	1 7	27 41	5 41	18 24	0 28	23 1	0 17	10 31	0 25	0 26	2 3	33 50	13 58	16 29	16 5	9 0		n.a.
M 6	23 51	1 39	2 53	20 14	2 33	19 11	1 5	27 40	5 41	18 27	0 28	23 1	0 17	10 32	0 25	0 26	2 3	33 49	13 58	16 28	16 6	9 3		n.a.
T 7	23 50	3s53	3 42	20 33	2 18	19 30	1 2	27 39	5 41	18 30	0 28	23 0	0 17	10 32	0 25	0 26	2 3	33 49	13 58	16 28	16 7	9 6		n.a.
W 8	23 49	9 15	4 22	20 53	2 2	19 47	0 59	27 37	5 41	18 33	0 28	23 0	0 17	10 33	0 25	0 26	2 3	33 48	13 58	16 28	16 8	9 9		n.a.
T 9	23 48	14 19	4 50	21 14	1 46	20 5	0 56	27 36	5 41	18 36	0 28	23 0	0 17	10 34	0 25	0 26	2 3	33 47	13 58	16 29	16 9	9 12		n.a.
F 10	23 46	18 53	5 6	21 35	1 30	20 21	0 54	27 35	5 41	18 40	0 28	23 0	0 17	10 34	0 25	0 26	2 4	33 47	13 58	16 30	16 10	9 15		n.a.
S 11	23 44	22 45	5 9	21 56	1 15	20 38	0 51	27 33	5 41	18 43	0 28	22 59	0 17	10 35	0 25	0 26	2 4	33 46	13 57	16 32	16 11	9 19		n.a.
S 12	23 41	25 40	4 57	22 18	0 59	20 53	0 48	27 32	5 40	18 45	0 28	22 59	0 17	10 36	0 25	0 26	2 4	33 46	13 57	16 34	16 12	9 22		n.a.
M13	23 38	27 23	4 31	22 39	0 44	21 9	0 45	27 30	5 40	18 48	0 28	22 59	0 17	10 36	0 25	0 26	2 4	33 45	13 57	16 36	16 13	9 25		n.a.
T 14	23 35	27 39	3 50	23 0	0 29	21 23	0 42	27 29	5 39	18 51	0 28	22 58	0 17	10 37	0 25	0 26	2 4	33 44	13 57	16 38	16 14	9 28		n.a.
W15	23 31	26 21	2 56	23 20	0 15	21 37	0 39	27 28	5 38	18 54	0 28	22 58	0 16	10 38	0 25	0 26	2 4	33 44	13 57	16 39	16 15	9 31		n.a.
T 16	23 27	23 32	1 52	23 38	0 1	21 51	0 36	27 26	5 37	18 57	0 28	22 58	0 16	10 38	0 25	0 26	2 4	33 43	13 57	16 40	16 16	9 34		n.a.
F 17	23 22	19 20	0 39	23 56	0n12	22 4	0 34	27 25	5 36	19 0	0 28	22 58	0 16	10 39	0 25	0 26	2 4	33 43	13 57	16 40	16 17	9 37		n.a.
S 18	23 17	14 3	0n36	24 11	0 24	22 16	0 31	27 24	5 35	19 3	0 27	22 57	0 16	10 39	0 25	0 26	2 4	33 42	13 57	16 41	16 18	9 40		n.a.
S 19	23 11	8 0	1 50	24 25	0 36	22 28	0 28	27 23	5 34	19 5	0 27	22 57	0 16	10 40	0 25	0 26	2 4	33 41	13 57	16 40	16 19	9 43		n.a.
M20	23 5	1 31	2 58	24 37	0 46	22 39	0 25	27 22	5 32	19 8	0 27	22 57	0 16	10 40	0 25	0 26	2 4	33 41	13 57	16 40	16 19	9 46		n.a.
T 21	22 59	5n 3	3 56	24 46	0 56	22 49	0 22	27 21	5 31	19 11	0 27	22 57	0 16	10 41	0 25	0 26	2 4	33 40	13 57	16 39	16 20	9 49		n.a.
W22	22 52	11 23	4 39	24 53	1 5	22 59	0 19	27 20	5 29	19 13	0 27	22 56	0 16	10 41	0 25	0 26	2 4	33 40	13 56	16 39	16 21	9 53		n.a.
T 23	22 45	17 8	5 6	24 58	1 13	23 8	0 16	27 19	5 28	19 16	0 27	22 56	0 16	10 42	0 25	0 26	2 4	33 39	13 56	16 40	16 22	9 56		n.a.
F 24	22 37	21 57	5 13	25 0	1 20	23 17	0 13	27 18	5 26	19 19	0 27	22 56	0 15	10 42	0 25	0 26	2 5	33 39	13 56	16 40	16 23	9 59		n.a.
S 25	22 29	25 28	5 2	24 59	1 27	23 24	0 10	27 17	5 24	19 21	0 27	22 56	0 15	10 42	0 25	0 26	2 5	33 38	13 56	16 41	16 24	10 2		n.a.
S 26	22 21	27 25	4 33	24 56	1 32	23 32	0 8	27 16	5 23	19 24	0 27	22 55	0 15	10 43	0 25	0 26	2 5	33 38	13 56	16 42	16 25	10 5		n.a.
M27	22 12	27 38	3 48	24 50	1 37	23 38	0 5	27 16	5 21	19 26	0 27	22 55	0 15	10 43	0 25	0 26	2 5	33 37	13 56	16 43	16 26	10 8		n.a.
T 28	22 2	26 11	2 52	24 41	1 40	23 44	0 2	27 15	5 19	19 29	0 27	22 55	0 15	10 44	0 25	0 27	2 5	33 36	13 56	16 44	16 27	10 11		n.a.
W29	21 53	23 16	1 46	24 30	1 44	23 49	0n 1	27 15	5 17	19 31	0 27	22 55	0 15	10 44	0 25	0 27	2 5	33 36	13 56	16 45	16 28	10 14		n.a.
T 30	21 43	19 13	0 37	24 17	1 46	23 53	0 4	27 14	5 15	19 34	0 27	22 54	0 15	10 44	0 25	0 27	2 5	33 35	13 56	16 45	16 29	10 17		n.a.
F 31	21n32	14n22	0s33	24n 1	1n47	23n57	0n 6	27s14	5s13	19n36	0s27	22s54	0n15	10n45	0s25	0s27	2s 5	33n35	13n56	16s45	16s30	10s20		n.a.

Julian Day Number = 1265041.5, Delta T = 08h22m35s
Ecliptic obliquity = 23°50'40, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°19'14, Lahiri = -21°12'14 Julian Calendar 1 July 1250 BCE == Greg. Calendar 20 June 1250 BCE

The year -1249 astronomical counting style corresponds to year 1250 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1250 BCE
geocentric

AUGUST 1250 BCE (-1249) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 50 32	25♋43'10	2♍58	22♋25	0♋15	8♐37	28♉ 6	16°R27	28♈33	3°R35	2♌ 1	14♒33	15♒19	15♎41	n.a.	S 1
S 2	19 54 29	26°41'35	15°11	24°21	1°28	8°48	28°16	16♐25	28°34	3♈35	2° 3	14°34	15°16	15°47	n.a.	S 2
M 3	19 58 25	27°40'02	27°12	26°15	2°42	9° 0	28°25	16°22	28°34	3°34	2° 5	14°35	15°12	15°54	n.a.	M 3
T 4	20 2 22	28°38'30	9♎ 6	28° 9	3°55	9°12	28°35	16°19	28°35	3°34	2° 8	14°37	15° 9	16° 1	n.a.	T 4
W 5	20 6 18	29°37'00	20°58	0♌ 2	5° 9	9°26	28°45	16°16	28°36	3°33	2°10	14°37	15° 6	16° 8	n.a.	W 5
T 6	20 10 15	0♌35'32	2♏52	1°53	6°22	9°40	28°54	16°14	28°36	3°33	2°12	14°R38	15° 3	16°14	n.a.	T 6
F 7	20 14 11	1°34'06	14°52	3°44	7°36	9°54	29° 3	16°11	28°37	3°32	2°14	14°37	15° 0	16°21	n.a.	F 7
S 8	20 18 8	2°32'41	27° 4	5°34	8°49	10°10	29°13	16° 9	28°37	3°32	2°16	14°36	14°57	16°28	n.a.	S 8
S 9	20 22 4	3°31'19	9♐31	7°23	10° 3	10°26	29°22	16° 7	28°38	3°31	2°18	14°35	14°53	16°34	n.a.	S 9
M10	20 26 1	4°29'58	22°16	9°11	11°17	10°42	29°31	16° 4	28°38	3°30	2°21	14°33	14°50	16°41	n.a.	M10
T 11	20 29 57	5°28'40	5♑23	10°58	12°31	11° 0	29°40	16° 2	28°38	3°30	2°23	14°32	14°47	16°48	n.a.	T 11
W12	20 33 54	6°27'23	18°50	12°44	13°45	11°18	29°48	16° 0	28°39	3°29	2°25	14°31	14°44	16°55	n.a.	W12
T 13	20 37 51	7°26'08	2♒37	14°28	14°59	11°36	29°57	15°58	28°39	3°28	2°27	14°31	14°41	17° 1	n.a.	T 13
F 14	20 41 47	8°24'55	16°42	16°12	16°13	11°55	0♊ 6	15°56	28°39	3°27	2°29	14°D31	14°37	17° 8	n.a.	F 14
S 15	20 45 44	9°23'45	1♓ 0	17°55	17°27	12°15	0°14	15°55	28°39	3°27	2°31	14°31	14°34	17°15	n.a.	S 15
S 16	20 49 40	10°22'36	15°27	19°37	18°41	12°35	0°22	15°53	28°39	3°26	2°33	14°31	14°31	17°21	n.a.	S 16
M17	20 53 37	11°21'30	29°57	21°17	19°55	12°55	0°30	15°51	28°R39	3°25	2°36	14°32	14°28	17°28	n.a.	M17
T 18	20 57 33	12°20'27	14♈26	22°57	21° 9	13°16	0°38	15°50	28°39	3°24	2°38	14°32	14°25	17°35	n.a.	T 18
W19	21 1 30	13°19'26	28°48	24°36	22°23	13°38	0°46	15°49	28°39	3°23	2°40	14°32	14°22	17°41	n.a.	W19
T 20	21 5 26	14°18'27	13♉ 0	26°14	23°37	14° 0	0°54	15°47	28°39	3°22	2°42	14°32	14°18	17°48	n.a.	T 20
F 21	21 9 23	15°17'31	27° 2	27°51	24°52	14°23	1° 2	15°46	28°39	3°21	2°44	14°32	14°15	17°55	n.a.	F 21
S 22	21 13 20	16°16'37	10♊50	29°27	26° 6	14°46	1° 9	15°45	28°38	3°20	2°46	14°32	14°12	18° 2	n.a.	S 22
S 23	21 17 16	17°15'46	24°25	1♍ 3	27°21	15°10	1°16	15°44	28°38	3°19	2°48	14°32	14° 9	18° 8	n.a.	S 23
M24	21 21 13	18°14'58	7♋45	2°37	28°35	15°34	1°24	15°43	28°38	3°18	2°50	14°33	14° 6	18°15	n.a.	M24
T 25	21 25 9	19°14'11	20°53	4°11	29°50	15°58	1°31	15°42	28°37	3°17	2°52	14°33	14° 3	18°22	n.a.	T 25
W26	21 29 6	20°13'27	3♌46	5°44	1♌ 4	16°23	1°38	15°41	28°37	3°16	2°55	14°33	13°59	18°28	n.a.	W26
T 27	21 33 2	21°12'46	16°27	7°16	2°19	16°49	1°44	15°41	28°36	3°15	2°57	14°R33	13°56	18°35	n.a.	T 27
F 28	21 36 59	22°12'06	28°55	8°47	3°33	17°14	1°51	15°40	28°36	3°13	2°59	14°33	13°53	18°42	n.a.	F 28
S 29	21 40 55	23°11'28	11♍12	10°17	4°48	17°41	1°57	15°40	28°35	3°12	3° 1	14°32	13°50	18°49	n.a.	S 29
S 30	21 44 52	24°10'53	23°18	11°46	6° 3	18° 7	2° 4	15°40	28°34	3°11	3° 3	14°31	13°47	18°55	n.a.	S 30
M31	21 48 48	25♌10'20	5♎16	13♍15	7♌18	18♐34	2♊10	15♐39	28♈34	3♈10	3♌ 5	14♒30	13♒43	19♎ 2	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n22	9n 2	1s40	23n43	1n48	24n 0	0n 9	27s13	5s11	19n38	0s27	22s54	0n15	10n45	0s25	0s27	2s 5	33n34	13n56	16s45	16s31	10s23		n.a.
S 2	21 10	3 28	2 41	23 23	1 48	24 2	0 12	27 13	5 9	19 40	0 27	22 54	0 14	10 45	0 25	0 28	2 5	33 34	13 56	16 44	16 32	10 26		n.a.
M 3	20 59	2s 8	3 34	23 1	1 48	24 4	0 15	27 13	5 6	19 43	0 27	22 54	0 14	10 45	0 25	0 28	2 5	33 33	13 56	16 44	16 33	10 29		n.a.
T 4	20 47	7 36	4 18	22 38	1 47	24 4	0 17	27 13	5 4	19 45	0 27	22 53	0 14	10 46	0 25	0 28	2 5	33 33	13 56	16 44	16 34	10 32		n.a.
W 5	20 35	12 47	4 50	22 12	1 45	24 4	0 20	27 13	5 2	19 47	0 27	22 53	0 14	10 46	0 25	0 28	2 5	33 32	13 56	16 43	16 35	10 35		n.a.
T 6	20 22	17 30	5 10	21 45	1 43	24 4	0 22	27 13	5 0	19 49	0 27	22 53	0 14	10 46	0 25	0 29	2 5	33 32	13 56	16 43	16 36	10 38		n.a.
F 7	20 9	21 36	5 16	21 17	1 41	24 2	0 25	27 13	4 57	19 51	0 26	22 53	0 14	10 46	0 25	0 29	2 5	33 31	13 56	16 43	16 37	10 41		n.a.
S 8	19 55	24 50	5 9	20 47	1 38	24 0	0 28	27 13	4 55	19 53	0 26	22 53	0 14	10 46	0 25	0 29	2 6	33 31	13 57	16 44	16 38	10 44		n.a.
S 9	19 42	26 59	4 47	20 16	1 35	23 57	0 30	27 13	4 53	19 56	0 26	22 53	0 14	10 46	0 25	0 30	2 6	33 30	13 57	16 44	16 39	10 47		n.a.
M10	19 28	27 47	4 10	19 43	1 31	23 54	0 33	27 13	4 50	19 58	0 26	22 53	0 14	10 47	0 25	0 30	2 6	33 30	13 57	16 44	16 40	10 50		n.a.
T 11	19 13	27 4	3 20	19 10	1 27	23 49	0 35	27 13	4 48	20 0	0 26	22 52	0 14	10 47	0 25	0 30	2 6	33 29	13 57	16 45	16 40	10 54		n.a.
W12	18 58	24 46	2 18	18 35	1 22	23 44	0 37	27 14	4 46	20 1	0 26	22 52	0 13	10 47	0 25	0 31	2 6	33 29	13 57	16 45	16 41	10 57		n.a.
T 13	18 43	20 58	1 5	18 0	1 18	23 39	0 40	27 14	4 43	20 3	0 26	22 52	0 13	10 47	0 25	0 31	2 6	33 28	13 57	16 45	16 42	11 0		n.a.
F 14	18 28	15 54	0n12	17 24	1 13	23 32	0 42	27 14	4 41	20 5	0 26	22 52	0 13	10 47	0 25	0 31	2 6	33 28	13 57	16 45	16 43	11 3		n.a.
S 15	18 12	9 54	1 30	16 47	1 7	23 25	0 44	27 14	4 38	20 7	0 26	22 52	0 13	10 47	0 25	0 32	2 6	33 28	13 57	16 45	16 44	11 6		n.a.
S 16	17 56	3 19	2 43	16 10	1 2	23 17	0 46	27 15	4 36	20 9	0 26	22 52	0 13	10 47	0 25	0 32	2 6	33 27	13 57	16 45	16 45	11 9		n.a.
M17	17 40	3n26	3 46	15 32	0 56	23 8	0 49	27 15	4 33	20 11	0 26	22 52	0 13	10 47	0 25	0 33	2 6	33 27	13 57	16 45	16 46	11 12		n.a.
T 18	17 23	9 59	4 35	14 53	0 50	22 59	0 51	27 15	4 31	20 12	0 26	22 52	0 13	10 47	0 25	0 33	2 6	33 26	13 58	16 45	16 47	11 15		n.a.
W19	17 6	15 58	5 5	14 14	0 44	22 49	0 53	27 16	4 29	20 14	0 26	22 52	0 13	10 47	0 25	0 33	2 6	33 26	13 58	16 45	16 48	11 18		n.a.
T 20	16 49	21 2	5 17	13 35	0 38	22 38	0 55	27 16	4 26	20 16	0 26	22 52	0 13	10 47	0 25	0 34	2 6	33 26	13 58	16 45	16 49	11 21		n.a.
F 21	16 31	24 50	5 10	12 55	0 31	22 27	0 57	27 16	4 24	20 17	0 26	22 52	0 12	10 47	0 25	0 34	2 6	33 25	13 58	16 45	16 50	11 24		n.a.
S 22	16 14	27 8	4 44	12 14	0 25	22 15	0 59	27 17	4 21	20 19	0 26	22 52	0 12	10 47	0 25	0 35	2 6	33 25	13 58	16 45	16 51	11 27		n.a.
S 23	15 55	27 47	4 4	11 34	0 18	22 2	1 1	27 17	4 19	20 21	0 26	22 52	0 12	10 46	0 25	0 35	2 6	33 24	13 58	16 45	16 52	11 29		n.a.
M24	15 37	26 47	3 10	10 53	0 11	21 49	1 2	27 17	4 16	20 22	0 26	22 52	0 12	10 46	0 26	0 36	2 6	33 24	13 58	16 45	16 53	11 32		n.a.
T 25	15 18	24 18	2 8	10 12	0 4	21 34	1 4	27 18	4 14	20 24	0 26	22 52	0 12	10 46	0 26	0 36	2 7	33 24	13 59	16 45	16 54	11 35		n.a.
W26	14 59	20 36	0 59	9 31	0s 3	21 20	1 6	27 18	4 11	20 25	0 26	22 52	0 12	10 46	0 26	0 37	2 7	33 23	13 59	16 45	16 55	11 38		n.a.
T 27	14 40	16 0	0s10	8 50	0 10	21 4	1 7	27 18	4 9	20 27	0 26	22 52	0 12	10 46	0 26	0 37	2 7	33 23	13 59	16 44	16 55	11 41		n.a.
F 28	14 21	10 49	1 19	8 9	0 17	20 48	1 9	27 18	4 6	20 28	0 25	22 52	0 12	10 46	0 26	0 38	2 7	33 23	13 59	16 45	16 56	11 44		n.a.
S 29	14 1	5 18	2 22	7 28	0 24	20 32	1 11	27 18	4 4	20 29	0 25	22 52	0 12	10 45	0 26	0 38	2 7	33 22	13 59	16 45	16 57	11 47		n.a.
S 30	13 41	0s20	3 18	6 47	0 31	20 14	1 12	27 18	4 1	20 31	0 25	22 52	0 11	10 45	0 26	0 39	2 7	33 22	14 0	16 45	16 58	11 50		n.a.
M31	13n21	5s52	4s 5	6n 6	0s39	19n57	1n13	27s18	3s59	20n32	0s25	22s52	0n11	10n45	0s26	0s39	2s 7	33n22	14n 0	16s46	16s59	11s53		n.a.

Julian Day Number = 1265072.5, Delta T = 08h22m33s
Ecliptic obliquity = 23°50'41, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°19'10, Lahiri = -21°12'09 Julian Calendar 1 Aug. 1250 BCE == Greg. Calendar 21 July 1250 BCE

The year -1249 astronomical counting style corresponds to year 1250 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1250 BCE
geocentric

SEPTEMBER 1250 BCE (-1249) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 52 45	26♌ 9'48	17♎ 9	14♍43	8♌32	19♐ 2	2♊16	15°R39	28°R33	3°R 8	3♌ 7	14°R28	13♒40	19♎ 9	n.a.	T 1
W 2	21 56 42	27° 9'19	29° 0	16°10	9°47	19°29	2°21	15°D39	28♈32	3♈ 7	3° 9	14♒27	13°37	19°15	n.a.	W 2
T 3	22 0 38	28° 8'52	10♏53	17°36	11° 2	19°58	2°27	15♐39	28°31	3° 6	3°11	14°25	13°34	19°22	n.a.	T 3
F 4	22 4 35	29° 8'26	22°51	19° 1	12°17	20°26	2°33	15°39	28°30	3° 5	3°13	14°25	13°31	19°29	n.a.	F 4
S 5	22 8 31	0♍ 8'03	5♐ 0	20°25	13°32	20°55	2°38	15°40	28°29	3° 3	3°15	14°D24	13°28	19°36	n.a.	S 5
S 6	22 12 28	1° 7'41	17°23	21°49	14°47	21°24	2°43	15°40	28°28	3° 2	3°17	14°25	13°24	19°42	n.a.	S 6
M 7	22 16 24	2° 7'22	0♑ 6	23°11	16° 2	21°54	2°48	15°41	28°27	3° 0	3°19	14°26	13°21	19°49	n.a.	M 7
T 8	22 20 21	3° 7'04	13°12	24°32	17°17	22°24	2°53	15°41	28°26	2°59	3°21	14°28	13°18	19°56	n.a.	T 8
W 9	22 24 17	4° 6'48	26°43	25°53	18°32	22°54	2°57	15°42	28°25	2°58	3°23	14°29	13°15	20° 2	n.a.	W 9
T 10	22 28 14	5° 6'34	10♒40	27°12	19°47	23°24	3° 2	15°43	28°24	2°56	3°25	14°R30	13°12	20° 9	n.a.	T 10
F 11	22 32 10	6° 6'22	25° 1	28°30	21° 2	23°55	3° 6	15°44	28°23	2°55	3°26	14°29	13° 8	20°16	n.a.	F 11
S 12	22 36 7	7° 6'12	9♓42	29°46	22°17	24°26	3°10	15°45	28°21	2°53	3°28	14°28	13° 5	20°23	n.a.	S 12
S 13	22 40 4	8° 6'04	24°35	1♎ 2	23°32	24°57	3°14	15°46	28°20	2°52	3°30	14°26	13° 2	20°29	n.a.	S 13
M14	22 44 0	9° 5'58	9♈33	2°15	24°48	25°29	3°18	15°47	28°19	2°50	3°32	14°22	12°59	20°36	n.a.	M14
T 15	22 47 57	10° 5'55	24°27	3°27	26° 3	26° 0	3°22	15°48	28°17	2°49	3°34	14°19	12°56	20°43	n.a.	T 15
W16	22 51 53	11° 5'53	9♉ 9	4°38	27°18	26°33	3°25	15°50	28°16	2°47	3°36	14°15	12°53	20°49	n.a.	W16
T 17	22 55 50	12° 5'55	23°34	5°46	28°33	27° 5	3°28	15°51	28°14	2°46	3°37	14°13	12°49	20°56	n.a.	T 17
F 18	22 59 46	13° 5'58	7♊39	6°52	29°49	27°37	3°31	15°53	28°13	2°44	3°39	14°D12	12°46	21° 3	n.a.	F 18
S 19	23 3 43	14° 6'04	21°22	7°56	1♍ 4	28°10	3°34	15°54	28°11	2°42	3°41	14°12	12°43	21°10	n.a.	S 19
S 20	23 7 39	15° 6'13	4♋44	8°57	2°19	28°43	3°37	15°56	28° 9	2°41	3°43	14°13	12°40	21°16	n.a.	S 20
M21	23 11 36	16° 6'23	17°48	9°55	3°35	29°16	3°39	15°58	28° 8	2°39	3°44	14°15	12°37	21°23	n.a.	M21
T 22	23 15 33	17° 6'36	0♌35	10°50	4°50	29°50	3°41	16° 0	28° 6	2°38	3°46	14°16	12°34	21°30	n.a.	T 22
W23	23 19 29	18° 6'51	13° 9	11°42	6° 5	0♑23	3°44	16° 2	28° 4	2°36	3°48	14°R17	12°30	21°36	n.a.	W23
T 24	23 23 26	19° 7'07	25°31	12°29	7°21	0°57	3°45	16° 4	28° 3	2°34	3°49	14°16	12°27	21°43	n.a.	T 24
F 25	23 27 22	20° 7'26	7♍44	13°12	8°36	1°31	3°47	16° 7	28° 1	2°33	3°51	14°14	12°24	21°50	n.a.	F 25
S 26	23 31 19	21° 7'47	19°50	13°50	9°52	2° 6	3°49	16° 9	27°59	2°31	3°53	14°10	12°21	21°57	n.a.	S 26
S 27	23 35 15	22° 8'10	1♎49	14°22	11° 7	2°40	3°50	16°11	27°57	2°29	3°54	14° 3	12°18	22° 3	n.a.	S 27
M28	23 39 12	23° 8'34	13°44	14°48	12°23	3°15	3°51	16°14	27°55	2°28	3°56	13°56	12°14	22°10	n.a.	M28
T 29	23 43 8	24° 9'01	25°35	15° 7	13°38	3°50	3°52	16°17	27°53	2°26	3°57	13°48	12°11	22°17	n.a.	T 29
W30	23 47 5	25♍ 9'28	7♏26	15♎19	14♍54	4♑25	3♊53	16♐19	27♈51	2♈24	3♌59	13♒40	12♒ 8	22♎23	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n 1	11s10	4s41	5n25	0s46	19n38	1n15	27s18	3s56	20n33	0s25	22s52	0n11	10n45	0s26	0s40	2s 7	33n21	14n 0	16s46	17s 0	11s56		n.a.
W 2	12 40	16 2	5 5	4 44	0 53	19 19	1 16	27 18	3 54	20 34	0 25	22 52	0 11	10 44	0 26	0 40	2 7	33 21	14 0	16 47	17 1	11 59		n.a.
T 3	12 19	20 19	5 15	4 3	1 0	18 59	1 17	27 18	3 51	20 36	0 25	22 52	0 11	10 44	0 26	0 41	2 7	33 21	14 1	16 47	17 2	12 2		n.a.
F 4	11 58	23 49	5 13	3 23	1 7	18 39	1 18	27 18	3 49	20 37	0 25	22 53	0 11	10 44	0 26	0 42	2 7	33 20	14 1	16 47	17 3	12 5		n.a.
S 5	11 37	26 20	4 56	2 43	1 15	18 19	1 19	27 18	3 47	20 38	0 25	22 53	0 11	10 43	0 26	0 42	2 7	33 20	14 1	16 47	17 4	12 8		n.a.
S 6	11 15	27 38	4 25	2 3	1 22	17 57	1 20	27 17	3 44	20 39	0 25	22 53	0 11	10 43	0 26	0 43	2 7	33 20	14 1	16 47	17 5	12 11		n.a.
M 7	10 54	27 32	3 41	1 24	1 29	17 36	1 21	27 17	3 42	20 40	0 25	22 53	0 11	10 42	0 26	0 43	2 7	33 20	14 2	16 47	17 6	12 14		n.a.
T 8	10 32	25 54	2 44	0 45	1 36	17 13	1 22	27 16	3 39	20 41	0 25	22 53	0 11	10 42	0 26	0 44	2 7	33 19	14 2	16 46	17 7	12 17		n.a.
W 9	10 10	22 45	1 36	0 6	1 42	16 51	1 23	27 16	3 37	20 42	0 25	22 53	0 10	10 42	0 26	0 45	2 7	33 19	14 2	16 46	17 8	12 20		n.a.
T 10	9 48	18 12	0 21	0s32	1 49	16 27	1 24	27 15	3 34	20 43	0 25	22 54	0 10	10 41	0 26	0 45	2 7	33 19	14 2	16 46	17 8	12 23		n.a.
F 11	9 25	12 30	0n58	1 9	1 56	16 4	1 25	27 14	3 32	20 44	0 25	22 54	0 10	10 41	0 26	0 46	2 7	33 19	14 3	16 46	17 9	12 25		n.a.
S 12	9 3	6 0	2 14	1 46	2 2	15 39	1 25	27 13	3 30	20 44	0 25	22 54	0 10	10 40	0 26	0 46	2 7	33 19	14 3	16 46	17 10	12 28		n.a.
S 13	8 40	0n54	3 23	2 22	2 8	15 15	1 26	27 12	3 27	20 45	0 25	22 54	0 10	10 40	0 26	0 47	2 7	33 18	14 3	16 47	17 11	12 31		n.a.
M14	8 18	7 47	4 18	2 58	2 14	14 50	1 26	27 11	3 25	20 46	0 25	22 54	0 10	10 39	0 26	0 48	2 7	33 18	14 4	16 48	17 12	12 34		n.a.
T 15	7 55	14 11	4 55	3 32	2 20	14 24	1 27	27 10	3 23	20 47	0 25	22 55	0 10	10 39	0 26	0 48	2 7	33 18	14 4	16 49	17 13	12 37		n.a.
W16	7 32	19 42	5 12	4 5	2 26	13 58	1 27	27 8	3 20	20 48	0 25	22 55	0 10	10 38	0 26	0 49	2 7	33 18	14 4	16 50	17 14	12 40		n.a.
T 17	7 8	23 58	5 9	4 38	2 31	13 32	1 27	27 7	3 18	20 48	0 24	22 55	0 10	10 38	0 26	0 50	2 7	33 18	14 5	16 51	17 15	12 43		n.a.
F 18	6 45	26 41	4 48	5 9	2 36	13 5	1 27	27 5	3 16	20 49	0 24	22 55	0 10	10 37	0 26	0 50	2 7	33 18	14 5	16 51	17 16	12 46		n.a.
S 19	6 21	27 43	4 10	5 39	2 40	12 38	1 28	27 3	3 13	20 49	0 24	22 56	0 9	10 36	0 26	0 51	2 8	33 18	14 5	16 51	17 17	12 49		n.a.
S 20	5 58	27 5	3 20	6 7	2 44	12 11	1 28	27 1	3 11	20 50	0 24	22 56	0 9	10 36	0 26	0 52	2 8	33 17	14 6	16 51	17 18	12 52		n.a.
M21	5 34	24 57	2 20	6 34	2 48	11 43	1 28	26 59	3 9	20 51	0 24	22 56	0 9	10 35	0 26	0 52	2 8	33 17	14 6	16 50	17 19	12 54		n.a.
T 22	5 10	21 34	1 14	6 58	2 51	11 15	1 28	26 57	3 7	20 51	0 24	22 57	0 9	10 35	0 26	0 53	2 8	33 17	14 6	16 50	17 19	12 57		n.a.
W23	4 47	17 15	0 6	7 21	2 54	10 47	1 27	26 55	3 4	20 52	0 24	22 57	0 9	10 34	0 26	0 54	2 8	33 17	14 7	16 49	17 20	13 0		n.a.
T 24	4 23	12 17	1s 1	7 42	2 56	10 18	1 27	26 53	3 2	20 52	0 24	22 57	0 9	10 33	0 26	0 54	2 8	33 17	14 7	16 50	17 21	13 3		n.a.
F 25	3 59	6 54	2 4	8 0	2 57	9 49	1 27	26 50	3 0	20 52	0 24	22 58	0 9	10 33	0 26	0 55	2 8	33 17	14 7	16 50	17 22	13 6		n.a.
S 26	3 34	1 20	3 1	8 15	2 57	9 20	1 27	26 47	2 58	20 53	0 24	22 58	0 9	10 32	0 26	0 56	2 8	33 17	14 8	16 52	17 23	13 9		n.a.
S 27	3 10	4s14	3 49	8 28	2 57	8 51	1 26	26 45	2 56	20 53	0 24	22 58	0 9	10 31	0 26	0 56	2 8	33 17	14 8	16 53	17 24	13 12		n.a.
M28	2 46	9 36	4 27	8 37	2 55	8 21	1 26	26 42	2 53	20 53	0 24	22 59	0 9	10 31	0 26	0 57	2 8	33 17	14 9	16 56	17 25	13 15		n.a.
T 29	2 22	14 35	4 53	8 42	2 53	7 51	1 25	26 38	2 53	20 53	0 24	22 59	0 8	10 30	0 26	0 58	2 8	33 17	14 9	16 58	17 26	13 17		n.a.
W30	1n57	19s 2	5s 7	8s43	2s49	7n21	1n25	26s35	2s49	20n54	0s24	22s59	0n 8	10n29	0s26	0s58	2s 8	33n17	14n 9	17s 0	17s27	13s20		n.a.

Julian Day Number = 1265103.5, Delta T = 08h22m31s
Ecliptic obliquity = 23°50'41, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°19'06, Lahiri = -21°12'05 Julian Calendar 1 Sept. 1250 BCE == Greg. Calendar 21 Aug. 1250 BCE

The year -1249 astronomical counting style corresponds to year 1250 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1250 BCE
geocentric

OCTOBER 1250 BCE (-1249) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 51 1	26♍ 9'58	19♏18	15°R23	16♍ 9	5♑ 0	3♊53	16♐22	27°R49	2°R23	4♌ 0	13°R33	12♒ 5	22♎30	n.a.	T 1
F 2	23 54 58	27°10'29	1♐15	15♎18	17°25	5°35	3°53	16°25	27♈47	2♈21	4° 2	13♒28	12° 2	22°37	n.a.	F 2
S 3	23 58 55	28°11'02	13°21	15° 3	18°40	6°11	3°R54	16°28	27°45	2°19	4° 3	13°25	11°59	22°44	n.a.	S 3
S 4	0 2 51	29°11'36	25°39	14°39	19°56	6°47	3°53	16°31	27°43	2°18	4° 5	13°D23	11°55	22°50	n.a.	S 4
M 5	0 6 48	0♎12'12	8♑15	14° 4	21°12	7°23	3°53	16°35	27°41	2°16	4° 6	13°24	11°52	22°57	n.a.	M 5
T 6	0 10 44	1°12'49	21°14	13°20	22°27	7°59	3°53	16°38	27°38	2°14	4° 7	13°25	11°49	23° 4	n.a.	T 6
W 7	0 14 41	2°13'27	4♒38	12°26	23°43	8°35	3°52	16°41	27°36	2°13	4° 9	13°26	11°46	23°10	n.a.	W 7
T 8	0 18 37	3°14'07	18°31	11°22	24°58	9°11	3°51	16°45	27°34	2°11	4°10	13°R26	11°43	23°17	n.a.	T 8
F 9	0 22 34	4°14'48	2♓52	10°11	26°14	9°48	3°50	16°48	27°32	2° 9	4°11	13°25	11°40	23°24	n.a.	F 9
S 10	0 26 30	5°15'30	17°40	8°55	27°30	10°24	3°49	16°52	27°29	2° 7	4°13	13°21	11°36	23°31	n.a.	S 10
S 11	0 30 27	6°16'14	2♈47	7°34	28°45	11° 1	3°47	16°56	27°27	2° 6	4°14	13°14	11°33	23°37	n.a.	S 11
M12	0 34 24	7°16'59	18° 4	6°13	0♎ 1	11°38	3°45	17° 0	27°25	2° 4	4°15	13° 6	11°30	23°44	n.a.	M12
T 13	0 38 20	8°17'46	3♉21	4°53	1°16	12°15	3°44	17° 4	27°22	2° 2	4°16	12°58	11°27	23°51	n.a.	T 13
W14	0 42 17	9°18'35	18°25	3°38	2°32	12°52	3°41	17° 8	27°20	2° 1	4°17	12°49	11°24	23°57	n.a.	W14
T 15	0 46 13	10°19'25	3♊ 9	2°29	3°48	13°29	3°39	17°12	27°18	1°59	4°18	12°42	11°20	24° 4	n.a.	T 15
F 16	0 50 10	11°20'17	17°27	1°29	5° 3	14° 6	3°37	17°16	27°15	1°57	4°20	12°37	11°17	24°11	n.a.	F 16
S 17	0 54 6	12°21'10	1♋16	0°40	6°19	14°43	3°34	17°20	27°13	1°56	4°21	12°35	11°14	24°18	n.a.	S 17
S 18	0 58 3	13°22'06	14°38	0° 1	7°35	15°21	3°31	17°24	27°10	1°54	4°22	12°D34	11°11	24°24	n.a.	S 18
M19	1 1 59	14°23'02	27°37	29♍34	8°50	15°58	3°28	17°29	27° 8	1°52	4°23	12°35	11° 8	24°31	n.a.	M19
T 20	1 5 56	15°24'00	10♌14	29°19	10° 6	16°36	3°25	17°33	27° 5	1°51	4°24	12°R35	11° 5	24°38	n.a.	T 20
W21	1 9 53	16°25'00	22°36	29°D15	11°22	17°14	3°21	17°38	27° 3	1°49	4°25	12°35	11° 1	24°44	n.a.	W21
T 22	1 13 49	17°26'01	4♍47	29°21	12°37	17°52	3°18	17°43	27° 1	1°47	4°25	12°32	10°58	24°51	n.a.	T 22
F 23	1 17 46	18°27'03	16°48	29°38	13°53	18°30	3°14	17°47	26°58	1°46	4°26	12°27	10°55	24°58	n.a.	F 23
S 24	1 21 42	19°28'07	28°45	0♎ 4	15° 9	19° 8	3°10	17°52	26°55	1°44	4°27	12°19	10°52	25° 5	n.a.	S 24
S 25	1 25 39	20°29'12	10♎38	0°38	16°24	19°46	3° 6	17°57	26°53	1°43	4°28	12° 8	10°49	25°11	n.a.	S 25
M26	1 29 35	21°30'17	22°30	1°19	17°40	20°24	3° 1	18° 2	26°50	1°41	4°29	11°55	10°45	25°18	n.a.	M26
T 27	1 33 32	22°31'24	4♏22	2° 7	18°56	21° 2	2°57	18° 7	26°48	1°39	4°30	11°41	10°42	25°25	n.a.	T 27
W28	1 37 28	23°32'32	16°15	3° 0	20°11	21°41	2°52	18°12	26°45	1°38	4°30	11°27	10°39	25°32	n.a.	W28
T 29	1 41 25	24°33'41	28°11	3°58	21°27	22°19	2°47	18°17	26°43	1°36	4°31	11°14	10°36	25°38	n.a.	T 29
F 30	1 45 22	25°34'50	10♐11	5° 1	22°43	22°58	2°42	18°22	26°40	1°35	4°32	11° 3	10°33	25°45	n.a.	F 30
S 31	1 49 18	26♎36'00	22♐19	6♎ 8	23♎58	23♑37	2♊37	18♐28	26♈38	1♈33	4♌32	10♒56	10♒30	25♎52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	1n33	22s45	5s 7	8s40	2s43	6n50	1n24	26s32	2s47	20n54	0s24	23s 0	0n 8	10n28	0s26	0s59	2s 8	33n17	14n10	17s 2	17s28	13s23		n.a.	T 1
F 2	1 8	25 33	4 54	8 31	2 37	6 20	1 23	26 28	2 45	20 54	0 24	23 0	0 8	10 28	0 26	1 0	2 8	33 17	14 10	17 4	17 28	13 26		n.a.	F 2
S 3	0 44	27 13	4 28	8 18	2 28	5 49	1 23	26 24	2 43	20 54	0 24	23 1	0 8	10 27	0 26	1 1	2 8	33 17	14 11	17 5	17 29	13 29		n.a.	S 3
S 4	0 20	27 35	3 49	7 59	2 18	5 18	1 22	26 20	2 41	20 54	0 23	23 1	0 8	10 26	0 26	1 1	2 8	33 17	14 11	17 5	17 30	13 32		n.a.	S 4
M 5	0s 5	26 33	2 58	7 35	2 7	4 47	1 21	26 16	2 39	20 54	0 23	23 1	0 8	10 25	0 26	1 2	2 8	33 17	14 11	17 5	17 31	13 34		n.a.	M 5
T 6	0 29	24 4	1 57	7 5	1 53	4 16	1 20	26 12	2 36	20 54	0 23	23 2	0 8	10 24	0 26	1 3	2 8	33 17	14 12	17 5	17 32	13 37		n.a.	T 6
W 7	0 54	20 12	0 47	6 29	1 38	3 44	1 19	26 8	2 34	20 54	0 23	23 2	0 8	10 24	0 26	1 3	2 8	33 17	14 12	17 4	17 33	13 40		n.a.	W 7
T 8	1 18	15 6	0n27	5 48	1 20	3 13	1 18	26 3	2 32	20 54	0 23	23 3	0 8	10 23	0 26	1 4	2 8	33 17	14 13	17 4	17 34	13 43		n.a.	T 8
F 9	1 43	9 2	1 43	5 3	1 2	2 41	1 17	25 58	2 30	20 54	0 23	23 3	0 7	10 22	0 26	1 5	2 8	33 17	14 13	17 5	17 35	13 46		n.a.	F 9
S 10	2 7	2 18	2 53	4 14	0 42	2 10	1 16	25 54	2 28	20 54	0 23	23 4	0 7	10 21	0 26	1 5	2 8	33 17	14 14	17 6	17 36	13 49		n.a.	S 10
S 11	2 32	4n40	3 53	3 23	0 22	1 38	1 14	25 49	2 26	20 53	0 23	23 4	0 7	10 20	0 26	1 6	2 8	33 17	14 14	17 8	17 37	13 51		n.a.	S 11
M12	2 56	11 27	4 37	2 32	0 1	1 6	1 13	25 43	2 24	20 53	0 23	23 5	0 7	10 20	0 26	1 7	2 8	33 18	14 15	17 10	17 37	13 54		n.a.	M12
T 13	3 21	17 32	5 1	1 41	0n19	0 35	1 12	25 38	2 22	20 53	0 23	23 5	0 7	10 19	0 26	1 7	2 8	33 18	14 15	17 12	17 38	13 57		n.a.	T 13
W14	3 45	22 27	5 4	0 52	0 39	0 3	1 10	25 32	2 20	20 52	0 23	23 6	0 7	10 18	0 26	1 8	2 8	33 18	14 15	17 15	17 39	14 0		n.a.	W14
T 15	4 9	25 49	4 46	0 7	0 58	0s29	1 9	25 27	2 18	20 52	0 23	23 6	0 7	10 17	0 26	1 9	2 8	33 18	14 16	17 17	17 40	14 2		n.a.	T 15
F 16	4 33	27 24	4 11	0n33	1 15	1 1	1 7	25 21	2 17	20 52	0 23	23 7	0 7	10 16	0 26	1 9	2 8	33 18	14 16	17 18	17 41	14 5		n.a.	F 16
S 17	4 58	27 12	3 22	1 7	1 31	1 33	1 6	25 15	2 15	20 51	0 22	23 7	0 7	10 15	0 26	1 10	2 8	33 18	14 17	17 19	17 42	14 8		n.a.	S 17
S 18	5 22	25 24	2 23	1 35	1 45	2 5	1 4	25 8	2 13	20 51	0 22	23 8	0 7	10 14	0 26	1 11	2 8	33 18	14 17	17 19	17 43	14 11		n.a.	S 18
M19	5 46	22 17	1 19	1 57	1 57	2 36	1 2	25 2	2 11	20 50	0 22	23 8	0 7	10 13	0 26	1 11	2 8	33 19	14 18	17 19	17 44	14 14		n.a.	M19
T 20	6 10	18 10	0 13	2 12	2 6	3 8	1 1	24 55	2 9	20 50	0 22	23 9	0 6	10 12	0 26	1 12	2 8	33 19	14 18	17 19	17 45	14 16		n.a.	T 20
W21	6 34	13 22	0s53	2 21	2 14	3 40	0 59	24 49	2 7	20 49	0 22	23 9	0 6	10 12	0 26	1 13	2 8	33 19	14 19	17 19	17 45	14 19		n.a.	W21
T 22	6 57	8 8	1 55	2 24	2 21	4 11	0 57	24 42	2 5	20 49	0 22	23 10	0 6	10 11	0 26	1 13	2 8	33 19	14 19	17 20	17 46	14 22		n.a.	T 22
F 23	7 21	2 40	2 51	2 22	2 25	4 43	0 55	24 35	2 3	20 48	0 22	23 10	0 6	10 10	0 26	1 14	2 8	33 20	14 20	17 21	17 47	14 25		n.a.	F 23
S 24	7 45	2s50	3 39	2 14	2 28	5 14	0 54	24 27	2 2	20 47	0 22	23 11	0 6	10 9	0 26	1 15	2 8	33 20	14 20	17 24	17 48	14 27		n.a.	S 24
S 25	8 8	8 13	4 17	2 2	2 30	5 46	0 52	24 20	2 0	20 47	0 22	23 11	0 6	10 8	0 26	1 15	2 8	33 20	14 21	17 27	17 49	14 30		n.a.	S 25
M26	8 31	13 16	4 44	1 46	2 31	6 17	0 50	24 12	1 58	20 46	0 22	23 12	0 6	10 7	0 26	1 16	2 7	33 20	14 21	17 30	17 50	14 33		n.a.	M26
T 27	8 55	17 51	4 58	1 26	2 30	6 48	0 48	24 5	1 56	20 45	0 22	23 12	0 6	10 6	0 26	1 16	2 7	33 21	14 22	17 34	17 51	14 36		n.a.	T 27
W28	9 18	21 45	4 59	1 3	2 29	7 19	0 46	23 57	1 54	20 44	0 21	23 13	0 6	10 5	0 26	1 17	2 7	33 21	14 22	17 38	17 52	14 38		n.a.	W28
T 29	9 40	24 45	4 48	0 38	2 26	7 50	0 44	23 49	1 53	20 43	0 21	23 13	0 6	10 4	0 26	1 18	2 7	33 21	14 23	17 42	17 53	14 41		n.a.	T 29
F 30	10 3	26 41	4 23	0 10	2 23	8 20	0 42	23 40	1 51	20 42	0 21	23 14	0 6	10 3	0 26	1 18	2 7	33 22	14 23	17 45	17 53	14 44		n.a.	F 30
S 31	10s26	27s23	3s47	0s21	2n20	8s51	0n40	23s32	1s49	20n41	0s21	23s15	0n 5	10n 2	0s26	1s19	2s 7	33n22	14n24	17s47	17s54	14s47		n.a.	S 31

Julian Day Number = 1265133.5, Delta T = 08h22m30s
Ecliptic obliquity = 23°50'41, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°19'02, Lahiri = -21°12'01 Julian Calendar 1 Oct. 1250 BCE == Greg. Calendar 20 Sept. 1250 BCE

The year -1249 astronomical counting style corresponds to year 1250 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1250 BCE
geocentric

NOVEMBER 1250 BCE (-1249) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 53 15	27♎37'11	4♑37	7♎18	25♎14	24♑15	2°R32	18♐33	26°R35	1°R32	4♌33	10°R51	10♒26	25♎58	n.a.	S 1
M 2	1 57 11	28°38'23	17° 9	8°31	26°30	24°54	2♊26	18°38	26♈33	1♈30	4°33	10♒49	10°23	26° 5	n.a.	M 2
T 3	2 1 8	29°39'34	0♒ 0	9°46	27°45	25°33	2°20	18°44	26°30	1°29	4°34	10°D48	10°20	26°12	n.a.	T 3
W 4	2 5 4	0♏40'47	13°15	11° 3	29° 1	26°12	2°14	18°49	26°28	1°27	4°34	10°R48	10°17	26°19	n.a.	W 4
T 5	2 9 1	1°41'59	26°55	12°22	0♏16	26°51	2° 8	18°55	26°25	1°26	4°35	10°48	10°14	26°25	n.a.	T 5
F 6	2 12 58	2°43'12	11♓ 5	13°43	1°32	27°30	2° 2	19° 1	26°22	1°25	4°35	10°45	10°11	26°32	n.a.	F 6
S 7	2 16 54	3°44'25	25°42	15° 6	2°48	28° 9	1°56	19° 6	26°20	1°23	4°36	10°40	10° 7	26°39	n.a.	S 7
S 8	2 20 51	4°45'38	10♈43	16°29	4° 3	28°48	1°50	19°12	26°17	1°22	4°36	10°31	10° 4	26°45	n.a.	S 8
M 9	2 24 47	5°46'52	26° 1	17°54	5°19	29°27	1°43	19°18	26°15	1°21	4°36	10°21	10° 1	26°52	n.a.	M 9
T 10	2 28 44	6°48'07	11♉23	19°19	6°34	0♒ 6	1°36	19°24	26°12	1°19	4°37	10° 9	9°58	26°59	n.a.	T 10
W11	2 32 40	7°49'21	26°38	20°45	7°50	0°45	1°30	19°30	26°10	1°18	4°37	9°58	9°55	27° 6	n.a.	W11
T 12	2 36 37	8°50'37	11♊36	22°12	9° 5	1°25	1°23	19°36	26° 7	1°17	4°37	9°47	9°51	27°12	n.a.	T 12
F 13	2 40 33	9°51'53	26° 8	23°40	10°21	2° 4	1°16	19°42	26° 5	1°15	4°37	9°40	9°48	27°19	n.a.	F 13
S 14	2 44 30	10°53'09	10♋ 9	25° 8	11°37	2°43	1° 8	19°48	26° 3	1°14	4°38	9°35	9°45	27°26	n.a.	S 14
S 15	2 48 27	11°54'26	23°41	26°37	12°52	3°23	1° 1	19°54	26° 0	1°13	4°38	9°33	9°42	27°32	n.a.	S 15
M16	2 52 23	12°55'44	6♌44	28° 6	14° 8	4° 2	0°54	20° 0	25°58	1°12	4°38	9°32	9°39	27°39	n.a.	M16
T 17	2 56 20	13°57'02	19°23	29°36	15°23	4°42	0°46	20° 6	25°55	1°11	4°38	9°32	9°36	27°46	n.a.	T 17
W18	3 0 16	14°58'20	1♍43	1♏ 6	16°39	5°21	0°39	20°13	25°53	1° 9	4°R38	9°32	9°32	27°53	n.a.	W18
T 19	3 4 13	15°59'39	13°49	2°36	17°54	6° 1	0°31	20°19	25°51	1° 8	4°38	9°29	9°29	27°59	n.a.	T 19
F 20	3 8 9	17° 0'58	25°46	4° 7	19°10	6°40	0°24	20°25	25°48	1° 7	4°38	9°23	9°26	28° 6	n.a.	F 20
S 21	3 12 6	18° 2'17	7♎38	5°38	20°25	7°20	0°16	20°32	25°46	1° 6	4°38	9°15	9°23	28°13	n.a.	S 21
S 22	3 16 2	19° 3'36	19°28	7°10	21°41	8° 0	0° 8	20°38	25°44	1° 5	4°38	9° 3	9°20	28°20	n.a.	S 22
M23	3 19 59	20° 4'56	1♏19	8°41	22°56	8°39	0° 0	20°45	25°41	1° 4	4°38	8°50	9°17	28°26	n.a.	M23
T 24	3 23 56	21° 6'15	13°14	10°13	24°12	9°19	29♉52	20°51	25°39	1° 3	4°37	8°35	9°13	28°33	n.a.	T 24
W25	3 27 52	22° 7'34	25°12	11°46	25°27	9°59	29°44	20°58	25°37	1° 2	4°37	8°20	9°10	28°40	n.a.	W25
T 26	3 31 49	23° 8'54	7♐15	13°19	26°43	10°39	29°36	21° 5	25°35	1° 1	4°37	8° 7	9° 7	28°46	n.a.	T 26
F 27	3 35 45	24°10'13	19°25	14°52	27°58	11°18	29°28	21°11	25°33	1° 0	4°37	7°56	9° 4	28°53	n.a.	F 27
S 28	3 39 42	25°11'31	1♑42	16°25	29°13	11°58	29°20	21°18	25°30	1° 0	4°36	7°47	9° 1	29° 0	n.a.	S 28
S 29	3 43 38	26°12'50	14° 9	17°59	0♐29	12°38	29°12	21°25	25°28	0°59	4°36	7°42	8°57	29° 7	n.a.	S 29
M30	3 47 35	27♏14'07	26♑47	19♏34	1♐44	13♒18	29♉ 4	21♐32	25♈26	0♈58	4♌36	7♒40	8♒54	29♎13	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s48	26s45	2s59	0s53	2n15	9s21	0n37	23s23	1s47	20n40	0s21	23s15	0n 5	10n 1	0s26	1s19	2s 7	33n22	14n24	17s48	17s55	14s49		n.a.
M 2	11 10	24 44	2 2	1 26	2 11	9 51	0 35	23 15	1 46	20 39	0 21	23 16	0 5	10 1	0 26	1 20	2 7	33 23	14 25	17 49	17 56	14 52		n.a.
T 3	11 32	21 25	0 57	2 1	2 5	10 20	0 33	23 6	1 44	20 38	0 21	23 16	0 5	10 0	0 26	1 20	2 7	33 23	14 25	17 49	17 57	14 55		n.a.
W 4	11 54	16 55	0n13	2 37	2 0	10 50	0 31	22 56	1 42	20 37	0 21	23 17	0 5	9 59	0 26	1 21	2 7	33 23	14 26	17 49	17 58	14 57		n.a.
T 5	12 16	11 26	1 24	3 13	1 54	11 19	0 29	22 47	1 41	20 36	0 21	23 17	0 5	9 58	0 26	1 22	2 7	33 24	14 26	17 49	17 59	15 0		n.a.
F 6	12 37	5 11	2 33	3 51	1 48	11 48	0 26	22 38	1 39	20 35	0 21	23 18	0 5	9 57	0 26	1 22	2 7	33 24	14 27	17 50	18 0	15 3		n.a.
S 7	12 59	1n31	3 33	4 29	1 42	12 16	0 24	22 28	1 37	20 34	0 20	23 18	0 5	9 56	0 26	1 23	2 7	33 24	14 27	17 51	18 0	15 6		n.a.
S 8	13 20	8 18	4 21	5 8	1 35	12 44	0 22	22 18	1 36	20 33	0 20	23 19	0 5	9 55	0 26	1 23	2 7	33 25	14 28	17 54	18 1	15 8		n.a.
M 9	13 40	14 42	4 51	5 47	1 28	13 12	0 20	22 9	1 34	20 32	0 20	23 20	0 5	9 54	0 26	1 24	2 7	33 25	14 28	17 57	18 2	15 11		n.a.
T 10	14 1	20 14	5 0	6 26	1 22	13 40	0 17	21 59	1 32	20 30	0 20	23 20	0 5	9 53	0 26	1 24	2 7	33 26	14 29	18 0	18 3	15 14		n.a.
W11	14 21	24 23	4 47	7 5	1 15	14 7	0 15	21 48	1 31	20 29	0 20	23 21	0 5	9 52	0 26	1 25	2 7	33 26	14 29	18 3	18 4	15 16		n.a.
T 12	14 41	26 46	4 15	7 45	1 8	14 34	0 13	21 38	1 29	20 28	0 20	23 21	0 4	9 51	0 26	1 25	2 7	33 26	14 30	18 6	18 5	15 19		n.a.
F 13	15 1	27 15	3 28	8 24	1 1	15 1	0 10	21 27	1 28	20 26	0 20	23 22	0 4	9 50	0 26	1 26	2 7	33 27	14 30	18 8	18 6	15 22		n.a.
S 14	15 21	25 55	2 28	9 4	0 53	15 27	0 8	21 17	1 26	20 25	0 20	23 22	0 4	9 50	0 26	1 26	2 7	33 27	14 31	18 9	18 6	15 24		n.a.
S 15	15 40	23 5	1 23	9 43	0 46	15 53	0 6	21 6	1 25	20 24	0 19	23 23	0 4	9 49	0 26	1 26	2 7	33 28	14 32	18 10	18 7	15 27		n.a.
M16	15 59	19 9	0 15	10 22	0 39	16 18	0 3	20 55	1 23	20 22	0 19	23 23	0 4	9 48	0 26	1 27	2 7	33 28	14 32	18 10	18 8	15 30		n.a.
T 17	16 18	14 26	0s52	11 1	0 32	16 43	0 1	20 44	1 22	20 21	0 19	23 24	0 4	9 47	0 26	1 27	2 7	33 29	14 33	18 10	18 9	15 32		n.a.
W18	16 36	9 16	1 54	11 40	0 25	17 7	0s 2	20 33	1 20	20 19	0 19	23 25	0 4	9 46	0 26	1 28	2 7	33 29	14 33	18 10	18 10	15 35		n.a.
T 19	16 54	3 51	2 50	12 18	0 18	17 31	0 4	20 21	1 19	20 18	0 19	23 25	0 4	9 45	0 26	1 28	2 7	33 30	14 34	18 11	18 11	15 38		n.a.
F 20	17 12	1s37	3 38	12 56	0 11	17 55	0 6	20 10	1 17	20 16	0 19	23 26	0 4	9 44	0 26	1 29	2 6	33 30	14 34	18 12	18 12	15 40		n.a.
S 21	17 30	6 59	4 16	13 34	0 4	18 18	0 9	19 58	1 16	20 15	0 19	23 26	0 4	9 44	0 26	1 29	2 6	33 31	14 35	18 15	18 12	15 43		n.a.
S 22	17 47	12 5	4 43	14 11	0s 3	18 40	0 11	19 46	1 14	20 13	0 18	23 27	0 4	9 43	0 25	1 29	2 6	33 31	14 35	18 18	18 13	15 46		n.a.
M23	18 4	16 45	4 57	14 47	0 10	19 2	0 13	19 34	1 13	20 12	0 18	23 27	0 4	9 42	0 25	1 30	2 6	33 32	14 36	18 21	18 14	15 48		n.a.
T 24	18 20	20 48	4 59	15 23	0 16	19 24	0 16	19 22	1 11	20 10	0 18	23 28	0 4	9 41	0 25	1 30	2 6	33 32	14 36	18 25	18 15	15 51		n.a.
W25	18 37	24 1	4 47	15 59	0 23	19 44	0 18	19 10	1 10	20 9	0 18	23 28	0 3	9 40	0 25	1 30	2 6	33 33	14 37	18 29	18 16	15 53		n.a.
T 26	18 52	26 12	4 22	16 34	0 29	20 5	0 20	18 58	1 9	20 7	0 18	23 29	0 3	9 39	0 25	1 31	2 6	33 33	14 37	18 33	18 17	15 56		n.a.
F 27	19 8	27 10	3 46	17 8	0 36	20 25	0 23	18 45	1 7	20 5	0 18	23 30	0 3	9 39	0 25	1 31	2 6	33 34	14 38	18 36	18 18	15 59		n.a.
S 28	19 23	26 48	2 58	17 42	0 42	20 44	0 25	18 32	1 6	20 4	0 18	23 30	0 3	9 38	0 25	1 31	2 6	33 35	14 38	18 38	18 18	16 1		n.a.
S 29	19 38	25 5	2 1	18 15	0 48	21 2	0 27	18 20	1 4	20 2	0 17	23 31	0 3	9 37	0 25	1 31	2 6	33 35	14 39	18 39	18 19	16 4		n.a.
M30	19s52	22s 5	0s57	18s47	0s54	21s20	0s29	18s 7	1s 3	20n 1	0s17	23s31	0n 3	9n36	0s25	1s32	2s 6	33n36	14n39	18s40	18s20	16s 6		n.a.

Julian Day Number = 1265164.5, Delta T = 08h22m28s
Ecliptic obliquity = 23°50'41, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'57, Lahiri = -21°11'57 Julian Calendar 1 Nov. 1250 BCE == Greg. Calendar 21 Oct. 1250 BCE

The year -1249 astronomical counting style corresponds to year 1250 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1250 BCE
geocentric

DECEMBER 1250 BCE (-1249) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 51 32	28♏15'24	9♒40	21♏ 8	3♐ 0	13♒58	28°R56	21♐38	25°R24	0°R57	4°R35	7°D39	8♒51	29♎20	n.a.	T 1
W 2	3 55 28	29°16'40	22°52	22°43	4°15	14°38	28♉48	21°45	25♈22	0♈56	4♌35	7°R39	8°48	29°27	n.a.	W 2
T 3	3 59 25	0♐17'55	6♓24	24°19	5°30	15°18	28°40	21°52	25°20	0°56	4°34	7♒39	8°45	29°33	n.a.	T 3
F 4	4 3 21	1°19'10	20°20	25°55	6°46	15°58	28°32	21°59	25°18	0°55	4°34	7°38	8°42	29°40	n.a.	F 4
S 5	4 7 18	2°20'24	4♈39	27°31	8° 1	16°37	28°24	22° 6	25°16	0°54	4°33	7°34	8°38	29°47	n.a.	S 5
S 6	4 11 14	3°21'36	19°21	29° 8	9°16	17°17	28°16	22°13	25°15	0°54	4°33	7°28	8°35	29°54	n.a.	S 6
M 7	4 15 11	4°22'48	4♉19	0♐45	10°32	17°57	28° 8	22°20	25°13	0°53	4°32	7°19	8°32	0♏ 0	n.a.	M 7
T 8	4 19 7	5°24'00	19°26	2°23	11°47	18°37	28° 0	22°27	25°11	0°53	4°32	7° 9	8°29	0° 7	n.a.	T 8
W 9	4 23 4	6°25'10	4♊32	4° 1	13° 2	19°17	27°52	22°34	25° 9	0°52	4°31	6°59	8°26	0°14	n.a.	W 9
T 10	4 27 1	7°26'20	19°27	5°40	14°18	19°57	27°44	22°41	25° 8	0°52	4°30	6°51	8°23	0°21	n.a.	T 10
F 11	4 30 57	8°27'29	4♋ 1	7°20	15°33	20°37	27°36	22°48	25° 6	0°51	4°30	6°44	8°19	0°27	n.a.	F 11
S 12	4 34 54	9°28'37	18° 9	8°59	16°48	21°17	27°28	22°55	25° 4	0°51	4°29	6°40	8°16	0°34	n.a.	S 12
S 13	4 38 50	10°29'45	1♌48	10°40	18° 3	21°57	27°20	23° 2	25° 3	0°51	4°28	6°D39	8°13	0°41	n.a.	S 13
M14	4 42 47	11°30'52	14°59	12°21	19°19	22°37	27°13	23° 9	25° 1	0°50	4°27	6°39	8°10	0°47	n.a.	M14
T 15	4 46 43	12°31'58	27°45	14° 3	20°34	23°17	27° 5	23°16	25° 0	0°50	4°27	6°40	8° 7	0°54	n.a.	T 15
W16	4 50 40	13°33'04	10♍10	15°45	21°49	23°57	26°58	23°23	24°58	0°50	4°26	6°R41	8° 3	1° 1	n.a.	W16
T 17	4 54 37	14°34'08	22°19	17°28	23° 4	24°37	26°50	23°31	24°57	0°49	4°25	6°40	8° 0	1° 8	n.a.	T 17
F 18	4 58 33	15°35'12	4♎17	19°11	24°19	25°17	26°43	23°38	24°55	0°49	4°24	6°38	7°57	1°14	n.a.	F 18
S 19	5 2 30	16°36'16	16° 9	20°55	25°34	25°57	26°36	23°45	24°54	0°49	4°23	6°34	7°54	1°21	n.a.	S 19
S 20	5 6 26	17°37'18	28° 0	22°39	26°50	26°38	26°28	23°52	24°53	0°49	4°22	6°27	7°51	1°28	n.a.	S 20
M21	5 10 23	18°38'19	9♏52	24°24	28° 5	27°18	26°21	23°59	24°52	0°49	4°21	6°19	7°48	1°35	n.a.	M21
T 22	5 14 19	19°39'20	21°50	26° 9	29°20	27°58	26°14	24° 6	24°50	0°49	4°20	6°10	7°44	1°41	n.a.	T 22
W23	5 18 16	20°40'19	3♐54	27°55	0♑35	28°38	26° 8	24°14	24°49	0°D49	4°19	6° 0	7°41	1°48	n.a.	W23
T 24	5 22 13	21°41'17	16° 8	29°41	1°50	29°18	26° 1	24°21	24°48	0°49	4°18	5°52	7°38	1°55	n.a.	T 24
F 25	5 26 9	22°42'14	28°31	1♑27	3° 5	29°58	25°54	24°28	24°47	0°49	4°17	5°45	7°35	2° 1	n.a.	F 25
S 26	5 30 6	23°43'10	11♑ 4	3°13	4°20	0♓38	25°48	24°35	24°46	0°49	4°16	5°40	7°32	2° 8	n.a.	S 26
S 27	5 34 2	24°44'04	23°48	5° 0	5°35	1°18	25°42	24°42	24°45	0°49	4°15	5°37	7°29	2°15	n.a.	S 27
M28	5 37 59	25°44'57	6♒43	6°46	6°50	1°58	25°36	24°50	24°44	0°49	4°14	5°D36	7°25	2°22	n.a.	M28
T 29	5 41 55	26°45'48	19°51	8°31	8° 5	2°38	25°30	24°57	24°43	0°49	4°12	5°37	7°22	2°28	n.a.	T 29
W30	5 45 52	27°46'37	3♓13	10°17	9°20	3°18	25°24	25° 4	24°43	0°50	4°11	5°39	7°19	2°35	n.a.	W30
T 31	5 49 48	28♐47'24	16♓49	12♑ 1	10♑35	3♓58	25♉18	25♐11	24♈42	0♈50	4♌10	5♒40	7♒16	2♏42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20s 6	17s57	0n11	19s18	1s 0	21s38	0s32	17s54	1s 2	19n59	0s17	23s32	0n 3	9n36	0s25	1s32	2s 6	33n36	14n40	18s40	18s21	16s 9			n.a.
W 2	20 20	12 52	1 20	19 49	1 5	21 55	0 34	17 41	1 0	19 57	0 17	23 32	0 3	9 35	0 25	1 32	2 6	33 37	14 40	18 40	18 22	16 12			n.a.
T 3	20 33	7 3	2 26	20 18	1 11	22 11	0 36	17 28	0 59	19 56	0 17	23 33	0 3	9 34	0 25	1 32	2 6	33 37	14 41	18 40	18 23	16 14			n.a.
F 4	20 46	0 45	3 26	20 47	1 16	22 26	0 38	17 14	0 58	19 54	0 17	23 33	0 3	9 34	0 25	1 33	2 6	33 38	14 41	18 40	18 24	16 17			n.a.
S 5	20 59	5n46	4 15	21 15	1 21	22 41	0 40	17 1	0 56	19 52	0 16	23 34	0 3	9 33	0 25	1 33	2 6	33 39	14 42	18 41	18 24	16 19			n.a.
S 6	21 11	12 8	4 48	21 42	1 26	22 55	0 43	16 47	0 55	19 51	0 16	23 34	0 3	9 32	0 25	1 33	2 6	33 39	14 42	18 43	18 25	16 22			n.a.
M 7	21 23	17 54	5 3	22 7	1 30	23 8	0 45	16 33	0 54	19 49	0 16	23 35	0 2	9 32	0 25	1 33	2 5	33 40	14 43	18 45	18 26	16 25			n.a.
T 8	21 34	22 38	4 56	22 32	1 34	23 21	0 47	16 20	0 52	19 47	0 16	23 35	0 2	9 31	0 25	1 33	2 5	33 41	14 43	18 48	18 27	16 27			n.a.
W 9	21 45	25 49	4 29	22 55	1 38	23 33	0 49	16 6	0 51	19 46	0 16	23 36	0 2	9 30	0 25	1 34	2 5	33 41	14 43	18 50	18 28	16 30			n.a.
T 10	21 55	27 8	3 44	23 17	1 42	23 44	0 51	15 52	0 50	19 44	0 16	23 36	0 2	9 30	0 25	1 34	2 5	33 42	14 44	18 53	18 29	16 32			n.a.
F 11	22 5	26 32	2 45	23 38	1 46	23 55	0 53	15 38	0 49	19 42	0 15	23 37	0 2	9 29	0 25	1 34	2 5	33 42	14 44	18 54	18 29	16 35			n.a.
S 12	22 15	24 12	1 37	23 58	1 49	24 5	0 55	15 24	0 47	19 41	0 15	23 37	0 2	9 29	0 25	1 34	2 5	33 43	14 45	18 55	18 30	16 37			n.a.
S 13	22 24	20 31	0 26	24 16	1 52	24 14	0 56	15 9	0 46	19 39	0 15	23 37	0 2	9 28	0 25	1 34	2 5	33 44	14 45	18 56	18 31	16 40			n.a.
M14	22 33	15 54	0s45	24 33	1 54	24 22	0 58	14 55	0 45	19 37	0 15	23 38	0 2	9 27	0 25	1 34	2 5	33 44	14 46	18 56	18 32	16 42			n.a.
T 15	22 41	10 44	1 51	24 48	1 56	24 30	1 0	14 40	0 44	19 36	0 15	23 38	0 2	9 27	0 25	1 34	2 5	33 45	14 46	18 55	18 33	16 45			n.a.
W16	22 49	5 16	2 50	25 1	1 58	24 37	1 2	14 26	0 43	19 34	0 15	23 39	0 2	9 26	0 25	1 34	2 5	33 46	14 47	18 55	18 34	16 47			n.a.
T 17	22 56	0s16	3 40	25 13	1 59	24 43	1 3	14 11	0 41	19 33	0 14	23 39	0 2	9 26	0 25	1 34	2 5	33 46	14 47	18 55	18 34	16 50			n.a.
F 18	23 3	5 41	4 20	25 24	2 0	24 48	1 5	13 56	0 40	19 31	0 14	23 40	0 2	9 25	0 25	1 34	2 5	33 47	14 47	18 56	18 35	16 53			n.a.
S 19	23 9	10 52	4 48	25 32	2 1	24 53	1 7	13 42	0 39	19 30	0 14	23 40	0 2	9 25	0 25	1 34	2 5	33 48	14 48	18 57	18 36	16 55			n.a.
S 20	23 15	15 38	5 3	25 39	2 1	24 57	1 8	13 27	0 38	19 28	0 14	23 41	0 1	9 24	0 25	1 34	2 5	33 48	14 48	18 59	18 37	16 58			n.a.
M21	23 21	19 51	5 6	25 44	2 1	25 0	1 10	13 12	0 37	19 27	0 14	23 41	0 1	9 24	0 25	1 34	2 5	33 49	14 49	19 1	18 38	17 0			n.a.
T 22	23 26	23 16	4 55	25 47	2 0	25 2	1 11	12 56	0 36	19 25	0 14	23 41	0 1	9 24	0 25	1 34	2 4	33 49	14 49	19 3	18 39	17 3			n.a.
W23	23 31	25 44	4 32	25 48	1 58	25 3	1 13	12 41	0 35	19 24	0 13	23 42	0 1	9 23	0 25	1 34	2 4	33 50	14 50	19 5	18 39	17 5			n.a.
T 24	23 35	27 0	3 55	25 47	1 56	25 4	1 14	12 26	0 33	19 22	0 13	23 42	0 1	9 23	0 25	1 34	2 4	33 51	14 50	19 7	18 40	17 8			n.a.
F 25	23 38	26 57	3 7	25 44	1 54	25 4	1 15	12 11	0 32	19 21	0 13	23 43	0 1	9 22	0 25	1 34	2 4	33 51	14 50	19 9	18 41	17 10			n.a.
S 26	23 42	25 31	2 9	25 39	1 51	25 3	1 17	11 55	0 31	19 19	0 13	23 43	0 1	9 22	0 25	1 34	2 4	33 52	14 51	19 10	18 42	17 12			n.a.
S 27	23 44	22 45	1 4	25 31	1 47	25 1	1 18	11 40	0 30	19 18	0 13	23 43	0 1	9 22	0 25	1 34	2 4	33 53	14 51	19 11	18 43	17 15			n.a.
M28	23 46	18 48	0n 6	25 22	1 42	24 59	1 19	11 24	0 29	19 17	0 13	23 44	0 1	9 21	0 25	1 34	2 4	33 53	14 51	19 11	18 44	17 17			n.a.
T 29	23 48	13 54	1 17	25 11	1 37	24 56	1 20	11 9	0 28	19 16	0 12	23 44	0 1	9 21	0 25	1 33	2 4	33 54	14 52	19 11	18 44	17 20			n.a.
W30	23 49	8 16	2 24	24 57	1 31	24 52	1 21	10 53	0 27	19 14	0 12	23 44	0 1	9 21	0 25	1 33	2 4	33 55	14 52	19 11	18 45	17 22			n.a.
T 31	23s50	2s 9	3n25	24s41	1s24	24s47	1s22	10s37	0s26	19n13	0s12	23s45	0n 1	9n21	0s25	1s33	2s 4	33n55	14n53	19s10	18s46	17s25			n.a.

Julian Day Number = 1265194.5, Delta T = 08h22m26s
Ecliptic obliquity = 23°50'40, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'53, Lahiri = -21°11'53 Julian Calendar 1 Dec. 1250 BCE == Greg. Calendar 20 Nov. 1250 BCE

The year -1249 astronomical counting style corresponds to year 1250 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1249 BCE
geocentric

JANUARY 1249 BCE (-1248) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 53 45	29♐48'10	0♈40	13♑44	11♑50	4♓38	25°R12	25♐19	24°R41	0♈50	4°R 9	5°R41	7♒13	2♏49	n.a.	F 1
S 2	5 57 42	0♑48'54	14°48	15°25	13° 5	5°18	25♉ 7	25°26	24♈41	0°50	4♎ 7	5♒40	7° 9	2°55	n.a.	S 2
S 3	6 1 38	1°49'36	29°10	17° 4	14°20	5°58	25° 2	25°33	24°40	0°51	4° 6	5°37	7° 6	3° 2	n.a.	S 3
M 4	6 5 35	2°50'16	13♉43	18°41	15°35	6°38	24°57	25°40	24°39	0°51	4° 5	5°33	7° 3	3° 9	n.a.	M 4
T 5	6 9 31	3°50'54	28°23	20°15	16°50	7°18	24°52	25°47	24°39	0°52	4° 4	5°29	7° 0	3°15	n.a.	T 5
W 6	6 13 28	4°51'31	13♊ 3	21°45	18° 5	7°58	24°47	25°54	24°39	0°52	4° 2	5°24	6°57	3°22	n.a.	W 6
T 7	6 17 24	5°52'06	27°35	23°12	19°19	8°38	24°43	26° 2	24°38	0°53	4° 1	5°20	6°54	3°29	n.a.	T 7
F 8	6 21 21	6°52'39	11♋54	24°33	20°34	9°18	24°38	26° 9	24°38	0°53	4° 0	5°17	6°50	3°36	n.a.	F 8
S 9	6 25 17	7°53'10	25°53	25°49	21°49	9°58	24°34	26°16	24°38	0°54	3°58	5°15	6°47	3°42	n.a.	S 9
S 10	6 29 14	8°53'40	9♌30	26°59	23° 4	10°38	24°30	26°23	24°37	0°54	3°57	5°D15	6°44	3°49	n.a.	S 10
M11	6 33 11	9°54'08	22°43	28° 1	24°18	11°18	24°26	26°30	24°37	0°55	3°55	5°16	6°41	3°56	n.a.	M11
T 12	6 37 7	10°54'34	5♍34	28°57	25°33	11°58	24°23	26°37	24°37	0°55	3°54	5°17	6°38	4° 2	n.a.	T 12
W13	6 41 4	11°54'59	18° 4	29°44	26°48	12°37	24°19	26°44	24°37	0°56	3°53	5°19	6°35	4° 9	n.a.	W13
T 14	6 45 0	12°55'22	0♎17	0♒22	28° 2	13°17	24°16	26°51	24°D37	0°57	3°51	5°20	6°31	4°16	n.a.	T 14
F 15	6 48 57	13°55'44	12°19	0°51	29°17	13°57	24°13	26°58	24°37	0°58	3°50	5°R21	6°28	4°23	n.a.	F 15
S 16	6 52 53	14°56'03	24°14	1°11	0♒32	14°37	24°10	27° 5	24°37	0°58	3°48	5°21	6°25	4°29	n.a.	S 16
S 17	6 56 50	15°56'22	6♏ 6	1°R20	1°46	15°17	24° 7	27°12	24°37	0°59	3°47	5°19	6°22	4°36	n.a.	S 17
M18	7 0 46	16°56'39	18° 0	1°20	3° 1	15°57	24° 4	27°19	24°38	1° 0	3°45	5°17	6°19	4°43	n.a.	M18
T 19	7 4 43	17°56'54	29°59	1°10	4°15	16°36	24° 2	27°26	24°38	1° 1	3°44	5°15	6°15	4°50	n.a.	T 19
W20	7 8 40	18°57'07	12♐10	0°51	5°30	17°16	24° 0	27°33	24°38	1° 2	3°42	5°12	6°12	4°56	n.a.	W20
T 21	7 12 36	19°57'18	24°31	0°22	6°44	17°56	23°58	27°40	24°38	1° 3	3°41	5° 9	6° 9	5° 3	n.a.	T 21
F 22	7 16 33	20°57'28	7♑ 7	29♑46	7°59	18°36	23°56	27°47	24°39	1° 4	3°39	5° 8	6° 6	5°10	n.a.	F 22
S 23	7 20 29	21°57'36	19°58	29° 2	9°13	19°16	23°55	27°54	24°39	1° 5	3°37	5° 6	6° 3	5°16	n.a.	S 23
S 24	7 24 26	22°57'41	3♒ 3	28°12	10°28	19°55	23°53	28° 0	24°40	1° 6	3°36	5°D 6	6° 0	5°23	n.a.	S 24
M25	7 28 22	23°57'45	16°23	27°17	11°42	20°35	23°52	28° 7	24°40	1° 7	3°34	5° 6	5°56	5°30	n.a.	M25
T 26	7 32 19	24°57'46	29°55	26°19	12°57	21°15	23°51	28°14	24°41	1° 8	3°33	5° 7	5°53	5°37	n.a.	T 26
W27	7 36 15	25°57'45	13♓39	25°18	14°11	21°55	23°50	28°21	24°42	1° 9	3°31	5° 8	5°50	5°43	n.a.	W27
T 28	7 40 12	26°57'42	27°33	24°17	15°25	22°34	23°50	28°27	24°43	1°10	3°30	5° 8	5°47	5°50	n.a.	T 28
F 29	7 44 9	27°57'36	11♈35	23°17	16°40	23°14	23°50	28°34	24°43	1°12	3°28	5° 9	5°44	5°57	n.a.	F 29
S 30	7 48 5	28°57'28	25°43	22°18	17°54	23°54	23°D49	28°40	24°44	1°13	3°26	5°R 9	5°41	6° 4	n.a.	S 30
S 31	7 52 2	29♑57'18	9♉56	21♑23	19♒ 8	24♓33	23♉49	28♐47	24♈45	1♈14	3♌25	5♒ 9	5♒37	6♏10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23s51	4n10	4n15	24s23	1s17	24s41	1s23	10s22	0s25	19n12	0s12	23s45	0n 1	9n20	0s25	1s33	2s 4	33n56	14n53	19s10	18s47	17s27		n.a.	F 1
S 2	23 50	10 23	4 51	24 4	1 8	24 35	1 24	10 6	0 24	19 11	0 12	23 45	0 0	9 20	0 24	1 33	2 4	33 57	14 53	19 10	18 48	17 30		n.a.	S 2
S 3	23 50	16 10	5 10	23 42	0 59	24 28	1 25	9 50	0 23	19 10	0 11	23 46	0 0	9 20	0 24	1 33	2 4	33 57	14 54	19 11	18 49	17 32		n.a.	S 3
M 4	23 49	21 7	5 8	23 19	0 49	24 20	1 26	9 34	0 22	19 9	0 11	23 46	0 0	9 20	0 24	1 32	2 4	33 58	14 54	19 12	18 49	17 35		n.a.	M 4
T 5	23 47	24 48	4 47	22 55	0 38	24 11	1 26	9 18	0 21	19 8	0 11	23 46	0 0	9 20	0 24	1 32	2 3	33 59	14 54	19 13	18 50	17 37		n.a.	T 5
W 6	23 45	26 50	4 7	22 29	0 26	24 2	1 27	9 2	0 20	19 7	0 11	23 47	0 0	9 20	0 24	1 32	2 3	33 59	14 54	19 14	18 51	17 39		n.a.	W 6
T 7	23 43	27 1	3 11	22 2	0 14	23 52	1 28	8 46	0 19	19 6	0 11	23 47	0 0	9 19	0 24	1 32	2 3	34 0	14 55	19 15	18 52	17 42		n.a.	T 7
F 8	23 40	25 22	2 4	21 35	0 0	23 41	1 28	8 29	0 18	19 5	0 11	23 47	0 0	9 19	0 24	1 31	2 3	34 1	14 55	19 16	18 53	17 44		n.a.	F 8
S 9	23 36	22 10	0 51	21 7	0n14	23 30	1 28	8 13	0 17	19 4	0 10	23 47	0s 0	9 19	0 24	1 31	2 3	34 1	14 55	19 17	18 53	17 47		n.a.	S 9
S 10	23 32	17 48	0s23	20 39	0 28	23 18	1 29	7 57	0 16	19 3	0 10	23 48	0 0	9 19	0 24	1 31	2 3	34 2	14 56	19 17	18 54	17 49		n.a.	S 10
M11	23 28	12 41	1 35	20 12	0 44	23 5	1 29	7 41	0 15	19 2	0 10	23 48	0 0	9 19	0 24	1 30	2 3	34 2	14 56	19 16	18 55	17 52		n.a.	M11
T 12	23 23	7 10	2 39	19 45	1 0	22 51	1 29	7 24	0 14	19 1	0 10	23 48	0 0	9 19	0 24	1 30	2 3	34 3	14 56	19 16	18 56	17 54		n.a.	T 12
W13	23 18	1 31	3 34	19 19	1 16	22 37	1 30	7 8	0 13	19 1	0 10	23 49	0 0	9 19	0 24	1 30	2 3	34 4	14 56	19 16	18 57	17 56		n.a.	W13
T 14	23 12	4s 3	4 18	18 55	1 32	22 22	1 30	6 52	0 12	19 0	0 10	23 49	0 0	9 19	0 24	1 29	2 3	34 4	14 57	19 15	18 57	17 59		n.a.	T 14
F 15	23 6	9 23	4 50	18 32	1 49	22 6	1 30	6 35	0 11	18 59	0 9	23 49	0 1	9 19	0 24	1 29	2 3	34 5	14 57	19 15	18 58	18 1		n.a.	F 15
S 16	22 59	14 19	5 9	18 12	2 5	21 50	1 30	6 19	0 10	18 59	0 9	23 49	0 1	9 19	0 24	1 29	2 3	34 6	14 57	19 15	18 59	18 3		n.a.	S 16
S 17	22 52	18 43	5 15	17 54	2 21	21 33	1 30	6 2	0 9	18 58	0 9	23 50	0 1	9 19	0 24	1 28	2 3	34 6	14 57	19 16	19 0	18 6		n.a.	S 17
M18	22 45	22 23	5 7	17 39	2 37	21 16	1 29	5 46	0 9	18 58	0 9	23 50	0 1	9 20	0 24	1 28	2 3	34 7	14 58	19 16	19 1	18 8		n.a.	M18
T 19	22 37	25 9	4 46	17 27	2 51	20 58	1 29	5 29	0 8	18 57	0 9	23 50	0 1	9 20	0 24	1 27	2 2	34 7	14 58	19 17	19 1	18 11		n.a.	T 19
W20	22 29	26 48	4 12	17 18	3 5	20 39	1 29	5 13	0 7	18 57	0 9	23 50	0 1	9 20	0 24	1 27	2 2	34 8	14 58	19 17	19 2	18 13		n.a.	W20
T 21	22 20	27 9	3 26	17 12	3 17	20 20	1 29	4 56	0 6	18 57	0 8	23 50	0 1	9 20	0 24	1 26	2 2	34 8	14 58	19 18	19 3	18 15		n.a.	T 21
F 22	22 11	26 7	2 28	17 9	3 28	20 0	1 28	4 40	0 5	18 56	0 8	23 51	0 1	9 20	0 24	1 26	2 2	34 9	14 58	19 18	19 4	18 18		n.a.	F 22
S 23	22 1	23 42	1 23	17 9	3 38	19 39	1 28	4 23	0 4	18 56	0 8	23 51	0 1	9 20	0 24	1 26	2 2	34 10	14 58	19 19	19 5	18 20		n.a.	S 23
S 24	21 51	19 59	0 11	17 12	3 45	19 18	1 27	4 6	0 3	18 56	0 8	23 51	0 1	9 21	0 24	1 25	2 2	34 10	14 59	19 19	19 5	18 22		n.a.	S 24
M25	21 41	15 13	1n 2	17 18	3 50	18 57	1 26	3 50	0 3	18 56	0 8	23 51	0 1	9 21	0 24	1 25	2 2	34 11	14 59	19 19	19 6	18 25		n.a.	M25
T 26	21 30	9 37	2 13	17 26	3 53	18 35	1 26	3 33	0 2	18 56	0 8	23 51	0 1	9 21	0 24	1 24	2 2	34 11	14 59	19 19	19 7	18 27		n.a.	T 26
W27	21 19	3 30	3 18	17 36	3 55	18 12	1 25	3 16	0 1	18 56	0 7	23 51	0 1	9 21	0 24	1 24	2 2	34 12	14 59	19 18	19 8	18 29		n.a.	W27
T 28	21 7	2n50	4 11	17 47	3 54	17 49	1 24	3 0	0 0	18 56	0 7	23 52	0 2	9 22	0 24	1 23	2 2	34 12	14 59	19 18	19 9	18 32		n.a.	T 28
F 29	20 55	9 6	4 50	18 1	3 51	17 26	1 23	2 43	0n 1	18 56	0 7	23 52	0 2	9 22	0 24	1 22	2 2	34 13	14 59	19 18	19 9	18 34		n.a.	F 29
S 30	20 43	14 56	5 13	18 15	3 46	17 2	1 22	2 26	0 2	18 56	0 7	23 52	0 2	9 22	0 24	1 22	2 2	34 13	14 59	19 18	19 10	18 36		n.a.	S 30
S 31	20s30	20n 1	5n16	18s31	3n39	16s37	1s21	2s10	0n 2	18n56	0s 7	23s52	0s 2	9n23	0s24	1s21	2s 2	34n14	15n 0	19s18	19s11	18s39		n.a.	S 31

Julian Day Number = 1265225.5, Delta T = 08h22m25s
Ecliptic obliquity = 23°50'39, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'49, Lahiri = -21°11'49 Julian Calendar 1 Jan. 1249 BCE == Greg. Calendar 21 Dec. 1250 BCE

The year -1248 astronomical counting style corresponds to year 1249 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1249 BCE
geocentric

FEBRUARY 1249 BCE (-1248) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 55 58	0♒57'05	24♉11	20°R32	20♒22	25♓13	23♉50	28♐53	24♈46	1♈15	3°R23	5°R 9	5♒34	6♏17	n.a.	M 1
T 2	7 59 55	1°56'50	8♊25	19♋46	21°36	25°53	23°50	29° 0	24°47	1°17	3♌22	5♒ 9	5°31	6°24	n.a.	T 2
W 3	8 3 51	2°56'33	22°35	19° 6	22°50	26°32	23°51	29° 6	24°48	1°18	3°20	5° 8	5°28	6°30	n.a.	W 3
T 4	8 7 48	3°56'13	6♌38	18°31	24° 5	27°12	23°51	29°13	24°49	1°20	3°19	5° 8	5°25	6°37	n.a.	T 4
F 5	8 11 44	4°55'51	20°30	18° 3	25°19	27°51	23°52	29°19	24°50	1°21	3°17	5°D 8	5°21	6°44	n.a.	F 5
S 6	8 15 41	5°55'26	4♎ 8	17°41	26°33	28°31	23°54	29°25	24°51	1°22	3°15	5°R 8	5°18	6°51	n.a.	S 6
S 7	8 19 38	6°54'59	17°29	17°25	27°47	29°10	23°55	29°32	24°53	1°24	3°14	5° 8	5°15	6°57	n.a.	S 7
M 8	8 23 34	7°54'31	0♏33	17°16	29° 0	29°50	23°57	29°38	24°54	1°25	3°12	5° 8	5°12	7° 4	n.a.	M 8
T 9	8 27 31	8°54'00	13°19	17°D13	0♓14	0♈29	23°58	29°44	24°55	1°27	3°11	5° 7	5° 9	7°11	n.a.	T 9
W10	8 31 27	9°53'27	25°49	17°15	1°28	1° 9	24° 0	29°50	24°57	1°28	3° 9	5° 7	5° 6	7°18	n.a.	W10
T 11	8 35 24	10°52'52	8♐ 4	17°24	2°42	1°48	24° 2	29°56	24°58	1°30	3° 7	5° 6	5° 2	7°24	n.a.	T 11
F 12	8 39 20	11°52'15	20° 8	17°38	3°56	2°28	24° 5	0♑ 2	25° 0	1°31	3° 6	5° 6	4°59	7°31	n.a.	F 12
S 13	8 43 17	12°51'36	2♏ 4	17°57	5°10	3° 7	24° 7	0° 8	25° 1	1°33	3° 4	5° 5	4°56	7°38	n.a.	S 13
S 14	8 47 13	13°50'55	13°57	18°21	6°23	3°46	24°10	0°14	25° 3	1°35	3° 3	5°D 5	4°53	7°44	n.a.	S 14
M15	8 51 10	14°50'12	25°51	18°50	7°37	4°26	24°13	0°20	25° 4	1°36	3° 1	5° 5	4°50	7°51	n.a.	M15
T 16	8 55 6	15°49'28	7♐52	19°23	8°51	5° 5	24°16	0°26	25° 6	1°38	3° 0	5° 6	4°46	7°58	n.a.	T 16
W17	8 59 3	16°48'41	20° 3	20° 0	10° 4	5°44	24°19	0°31	25° 8	1°40	2°58	5° 7	4°43	8° 5	n.a.	W17
T 18	9 3 0	17°47'53	2♑29	20°41	11°18	6°24	24°22	0°37	25°10	1°41	2°56	5° 8	4°40	8°11	n.a.	T 18
F 19	9 6 56	18°47'03	15°13	21°26	12°31	7° 3	24°26	0°43	25°11	1°43	2°55	5° 9	4°37	8°18	n.a.	F 19
S 20	9 10 53	19°46'10	28°16	22°15	13°45	7°42	24°30	0°48	25°13	1°45	2°53	5°10	4°34	8°25	n.a.	S 20
S 21	9 14 49	20°45'16	11♒40	23° 6	14°58	8°22	24°34	0°54	25°15	1°47	2°52	5°R10	4°31	8°32	n.a.	S 21
M22	9 18 46	21°44'19	25°23	24° 1	16°12	9° 1	24°38	0°59	25°17	1°48	2°50	5° 9	4°27	8°38	n.a.	M22
T 23	9 22 42	22°43'20	9♓22	24°59	17°25	9°40	24°42	1° 5	25°19	1°50	2°49	5° 7	4°24	8°45	n.a.	T 23
W24	9 26 39	23°42'19	23°35	25°59	18°38	10°19	24°47	1°10	25°21	1°52	2°47	5° 5	4°21	8°52	n.a.	W24
T 25	9 30 35	24°41'15	7♈56	27° 2	19°52	10°58	24°51	1°15	25°23	1°54	2°46	5° 2	4°18	8°58	n.a.	T 25
F 26	9 34 32	25°40'09	22°20	28° 8	21° 5	11°38	24°56	1°20	25°25	1°56	2°45	5° 0	4°15	9° 5	n.a.	F 26
S 27	9 38 28	26°39'01	6♉43	29°16	22°18	12°17	25° 1	1°26	25°27	1°58	2°43	4°58	4°12	9°12	n.a.	S 27
S 28	9 42 25	27°37'50	21° 0	0♒27	23°31	12°56	25° 6	1°31	25°30	2° 0	2°42	4°57	4° 8	9°19	n.a.	S 28
M29	9 46 22	28♒36'37	5♊ 9	1♒39	24♓44	13♈35	25♉11	1♑36	25♈32	2♈ 2	2♌40	4°D57	4♒ 5	9♏25	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s17	23n58	5n 0	18s47	3n30	16s12	1s20	1s53	0n 3	18n56	0s 7	23s52	0s 2	9n23	0s24	1s21	2s 2	34n14	15n 0	19s18	19s12	18s41		n.a.
T 2	20 4	26 26	4 25	19 3	3 21	15 47	1 19	1 36	0 4	18 57	0 6	23 52	0 2	9 23	0 24	1 20	2 2	34 15	15 0	19 18	19 13	18 43		n.a.
W 3	19 50	27 12	3 35	19 19	3 10	15 21	1 18	1 20	0 5	18 57	0 6	23 52	0 2	9 24	0 24	1 20	2 2	34 15	15 0	19 18	19 13	18 45		n.a.
T 4	19 36	26 12	2 32	19 36	2 58	14 55	1 16	1 3	0 5	18 57	0 6	23 53	0 2	9 24	0 24	1 19	2 1	34 16	15 0	19 18	19 14	18 48		n.a.
F 5	19 21	23 34	1 20	19 52	2 46	14 29	1 15	0 46	0 6	18 58	0 6	23 53	0 2	9 25	0 23	1 18	2 1	34 16	15 0	19 18	19 15	18 50		n.a.
S 6	19 7	19 38	0 6	20 8	2 33	14 2	1 14	0 30	0 7	18 58	0 6	23 53	0 2	9 25	0 23	1 18	2 1	34 17	15 0	19 18	19 16	18 52		n.a.
S 7	18 51	14 47	1s 8	20 23	2 19	13 35	1 12	0 13	0 8	18 59	0 6	23 53	0 2	9 26	0 23	1 17	2 1	34 17	15 0	19 18	19 17	18 54		n.a.
M 8	18 36	9 21	2 16	20 38	2 5	13 7	1 11	0n 4	0 9	18 59	0 5	23 53	0 2	9 26	0 23	1 16	2 1	34 18	15 0	19 18	19 17	18 57		n.a.
T 9	18 20	3 39	3 16	20 52	1 52	12 39	1 9	0 20	0 9	19 0	0 5	23 53	0 3	9 27	0 23	1 16	2 1	34 18	15 0	19 18	19 18	18 59		n.a.
W10	18 4	2s 3	4 5	21 6	1 38	12 11	1 7	0 37	0 10	19 0	0 5	23 53	0 3	9 27	0 23	1 15	2 1	34 19	15 0	19 19	19 19	19 1		n.a.
T 11	17 48	7 33	4 42	21 18	1 24	11 42	1 6	0 53	0 11	19 1	0 5	23 53	0 3	9 28	0 23	1 14	2 1	34 19	15 0	19 19	19 20	19 3		n.a.
F 12	17 31	12 42	5 6	21 30	1 10	11 13	1 4	1 10	0 11	19 2	0 5	23 53	0 3	9 28	0 23	1 14	2 1	34 19	15 0	19 19	19 20	19 6		n.a.
S 13	17 14	17 19	5 16	21 41	0 57	10 44	1 2	1 27	0 12	19 3	0 5	23 53	0 3	9 29	0 23	1 13	2 1	34 20	15 0	19 19	19 21	19 8		n.a.
S 14	16 57	21 15	5 13	21 50	0 44	10 15	1 0	1 43	0 13	19 3	0 5	23 54	0 3	9 30	0 23	1 12	2 1	34 20	15 0	19 19	19 22	19 10		n.a.
M15	16 39	24 20	4 56	21 59	0 31	9 45	0 58	2 0	0 14	19 4	0 4	23 54	0 3	9 30	0 23	1 12	2 1	34 21	15 0	19 19	19 23	19 12		n.a.
T 16	16 22	26 22	4 26	22 7	0 19	9 15	0 56	2 16	0 14	19 5	0 4	23 54	0 3	9 31	0 23	1 11	2 1	34 21	15 0	19 19	19 24	19 15		n.a.
W17	16 4	27 12	3 44	22 13	0 6	8 45	0 54	2 33	0 15	19 6	0 4	23 54	0 3	9 32	0 23	1 10	2 1	34 21	15 0	19 19	19 24	19 17		n.a.
T 18	15 45	26 40	2 51	22 18	0s 5	8 15	0 52	2 49	0 16	19 7	0 4	23 54	0 3	9 32	0 23	1 9	2 1	34 22	15 0	19 18	19 25	19 19		n.a.
F 19	15 27	24 45	1 48	22 22	0 16	7 44	0 50	3 6	0 16	19 8	0 4	23 54	0 3	9 33	0 23	1 9	2 1	34 22	15 0	19 18	19 26	19 21		n.a.
S 20	15 8	21 29	0 38	22 25	0 27	7 14	0 48	3 22	0 17	19 9	0 4	23 54	0 3	9 34	0 23	1 8	2 1	34 22	15 0	19 18	19 27	19 23		n.a.
S 21	14 49	17 0	0n36	22 27	0 38	6 43	0 46	3 38	0 18	19 10	0 4	23 54	0 3	9 34	0 23	1 7	2 1	34 23	15 0	19 18	19 27	19 26		n.a.
M22	14 30	11 34	1 49	22 27	0 48	6 12	0 43	3 55	0 18	19 12	0 3	23 54	0 4	9 35	0 23	1 6	2 1	34 23	15 0	19 18	19 28	19 28		n.a.
T 23	14 10	5 27	2 58	22 26	0 57	5 41	0 41	4 11	0 19	19 13	0 3	23 54	0 4	9 36	0 23	1 6	2 1	34 23	15 0	19 19	19 29	19 30		n.a.
W24	13 51	1n 1	3 56	22 23	1 6	5 9	0 39	4 27	0 20	19 14	0 3	23 54	0 4	9 37	0 23	1 5	2 0	34 24	14 59	19 19	19 30	19 32		n.a.
T 25	13 31	7 29	4 40	22 19	1 15	4 38	0 36	4 43	0 20	19 15	0 3	23 54	0 4	9 37	0 23	1 4	2 0	34 24	14 59	19 20	19 31	19 34		n.a.
F 26	13 11	13 34	5 7	22 14	1 23	4 6	0 34	5 0	0 21	19 17	0 3	23 54	0 4	9 38	0 23	1 3	2 0	34 24	14 59	19 20	19 31	19 37		n.a.
S 27	12 50	18 55	5 14	22 7	1 30	3 35	0 31	5 16	0 21	19 18	0 3	23 54	0 4	9 39	0 23	1 2	2 0	34 24	14 59	19 21	19 32	19 39		n.a.
S 28	12 30	23 9	5 2	21 59	1 37	3 3	0 29	5 32	0 22	19 19	0 3	23 54	0 4	9 40	0 23	1 2	2 0	34 25	14 59	19 21	19 33	19 41		n.a.
M29	12s 9	25n58	4n32	21s49	1s44	2s31	0s26	5n48	0n23	19n21	0s 2	23s54	0s 4	9n41	0s23	1s 1	2s 0	34n25	14n59	19s21	19s34	19s43		n.a.

Julian Day Number = 1265256.5, Delta T = 08h22m23s
Ecliptic obliquity = 23°50'39, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'45, Lahiri = -21°11'44 Julian Calendar 1 Feb. 1249 BCE == Greg. Calendar 21 Jan. 1249 BCE

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ASTRODIENST EPHEMERIS for the year 1249 BCE
geocentric

MARCH 1249 BCE (-1248) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 50 18	29♒35'21	19♊ 8	2♒54	25♓57	14♈14	25♉17	1♋41	25♈34	2♈ 4	2°R39	4♒58	4♒ 2	9♏32	n.a.	T 1
W 2	9 54 15	0♓34'03	2♋56	4°11	27°10	14°53	25°22	1°45	25°36	2° 6	2♌38	4°59	3°59	9°39	n.a.	W 2
T 3	9 58 11	1°32'43	16°32	5°30	28°23	15°32	25°28	1°50	25°39	2° 8	2°36	5° 1	3°56	9°45	n.a.	T 3
F 4	10 2 8	2°31'20	29°56	6°51	29°36	16°11	25°34	1°55	25°41	2°10	2°35	5°R 1	3°52	9°52	n.a.	F 4
S 5	10 6 4	3°29'55	13♌ 9	8°13	0♈49	16°50	25°40	2° 0	25°44	2°12	2°33	5° 1	3°49	9°59	n.a.	S 5
S 6	10 10 1	4°28'28	26° 9	9°38	2° 2	17°29	25°46	2° 4	25°46	2°14	2°32	5° 0	3°46	10° 6	n.a.	S 6
M 7	10 13 57	5°26'59	8♍56	11° 4	3°15	18° 8	25°53	2° 9	25°49	2°16	2°31	4°57	3°43	10°12	n.a.	M 7
T 8	10 17 54	6°25'28	21°30	12°32	4°27	18°47	25°59	2°13	25°51	2°18	2°30	4°52	3°40	10°19	n.a.	T 8
W 9	10 21 51	7°23'54	3♎52	14° 2	5°40	19°26	26° 6	2°17	25°54	2°20	2°28	4°47	3°37	10°26	n.a.	W 9
T 10	10 25 47	8°22'19	16° 4	15°34	6°53	20° 5	26°13	2°22	25°56	2°22	2°27	4°41	3°33	10°33	n.a.	T 10
F 11	10 29 44	9°20'42	28° 6	17° 7	8° 5	20°44	26°20	2°26	25°59	2°24	2°26	4°35	3°30	10°39	n.a.	F 11
S 12	10 33 40	10°19'03	10♏ 1	18°43	9°18	21°23	26°27	2°30	26° 2	2°26	2°25	4°30	3°27	10°46	n.a.	S 12
S 13	10 37 37	11°17'23	21°54	20°20	10°30	22° 2	26°34	2°34	26° 4	2°28	2°24	4°27	3°24	10°53	n.a.	S 13
M14	10 41 33	12°15'40	3♐47	21°58	11°42	22°41	26°41	2°38	26° 7	2°30	2°22	4°25	3°21	10°59	n.a.	M14
T 15	10 45 30	13°13'57	15°47	23°38	12°55	23°20	26°49	2°42	26°10	2°32	2°21	4°D24	3°18	11° 6	n.a.	T 15
W16	10 49 26	14°12'11	27°56	25°20	14° 7	23°58	26°56	2°46	26°13	2°35	2°20	4°25	3°14	11°13	n.a.	W16
T 17	10 53 23	15°10'24	10♑22	27° 4	15°19	24°37	27° 4	2°49	26°15	2°37	2°19	4°27	3°11	11°20	n.a.	T 17
F 18	10 57 19	16° 8'35	23° 6	28°50	16°31	25°16	27°12	2°53	26°18	2°39	2°18	4°28	3° 8	11°26	n.a.	F 18
S 19	11 1 16	17° 6'45	6♒14	0♓37	17°43	25°55	27°20	2°57	26°21	2°41	2°17	4°R29	3° 5	11°33	n.a.	S 19
S 20	11 5 13	18° 4'53	19°48	2°26	18°55	26°34	27°28	3° 0	26°24	2°43	2°16	4°28	3° 2	11°40	n.a.	S 20
M21	11 9 9	19° 2'59	3♓46	4°16	20° 7	27°12	27°36	3° 4	26°27	2°46	2°15	4°25	2°58	11°47	n.a.	M21
T 22	11 13 6	20° 1'03	18° 7	6° 9	21°19	27°51	27°45	3° 7	26°30	2°48	2°14	4°20	2°55	11°53	n.a.	T 22
W23	11 17 2	20°59'06	2♈46	8° 3	22°31	28°30	27°53	3°10	26°33	2°50	2°13	4°13	2°52	12° 0	n.a.	W23
T 24	11 20 59	21°57'06	17°34	9°59	23°43	29° 8	28° 2	3°13	26°36	2°52	2°12	4° 6	2°49	12° 7	n.a.	T 24
F 25	11 24 55	22°55'05	2♉24	11°56	24°55	29°47	28°10	3°16	26°39	2°54	2°11	3°59	2°46	12°13	n.a.	F 25
S 26	11 28 52	23°53'02	17° 8	13°55	26° 6	0♉26	28°19	3°19	26°42	2°57	2°10	3°53	2°43	12°20	n.a.	S 26
S 27	11 32 48	24°50'57	1♊40	15°56	27°18	1° 4	28°28	3°22	26°45	2°59	2°10	3°49	2°39	12°27	n.a.	S 27
M28	11 36 45	25°48'50	15°54	17°59	28°29	1°43	28°37	3°25	26°48	3° 1	2° 9	3°46	2°36	12°34	n.a.	M28
T 29	11 40 42	26°46'42	29°51	20° 3	29°41	2°22	28°47	3°27	26°52	3° 3	2° 8	3°D46	2°33	12°40	n.a.	T 29
W30	11 44 38	27°44'31	13♋28	22° 8	0♉52	3° 0	28°56	3°30	26°55	3° 6	2° 7	3°47	2°30	12°47	n.a.	W30
T 31	11 48 35	28♓42'18	26♋48	24♓15	2♉ 4	3♉39	29♉ 5	3♋33	26♈58	3♈ 8	2♌ 6	3♒48	2♒27	12♏54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	11s48	27n 8	3n46	21s37	1s50	1s59	0s23	6n 4	0n23	19n22	0s 2	23s54	0s 4	9n42	0s23	1s 0	2s 0	34n25	14n59	19s21	19s34	19s45			n.a.
W 2	11 27	26 36	2 47	21 24	1 55	1 27	0 21	6 20	0 24	19 24	0 2	23 54	0 4	9 43	0 23	0 59	2 0	34 25	14 58	19 21	19 35	19 47			n.a.
T 3	11 6	24 27	1 40	21 10	2 0	0 55	0 18	6 36	0 25	19 25	0 2	23 54	0 4	9 43	0 23	0 58	2 0	34 25	14 58	19 20	19 36	19 49			n.a.
F 4	10 45	20 58	0 28	20 53	2 5	0 24	0 15	6 51	0 25	19 27	0 2	23 54	0 5	9 44	0 23	0 58	2 0	34 26	14 58	19 20	19 37	19 52			n.a.
S 5	10 24	16 27	0s44	20 36	2 9	0n 8	0 12	7 7	0 26	19 28	0 2	23 54	0 5	9 45	0 23	0 57	2 0	34 26	14 58	19 20	19 37	19 54			n.a.
S 6	10 2	11 15	1 53	20 16	2 13	0 40	0 10	7 23	0 26	19 30	0 2	23 54	0 5	9 46	0 23	0 56	2 0	34 26	14 58	19 20	19 38	19 56			n.a.
M 7	9 40	5 40	2 55	19 55	2 16	1 12	0 7	7 39	0 27	19 32	0 2	23 54	0 5	9 47	0 23	0 55	2 0	34 26	14 58	19 21	19 39	19 58			n.a.
T 8	9 18	0s 2	3 47	19 32	2 18	1 44	0 4	7 54	0 27	19 33	0 1	23 54	0 5	9 48	0 23	0 54	2 0	34 26	14 57	19 22	19 40	20 0			n.a.
W 9	8 56	5 38	4 27	19 8	2 20	2 16	0 1	8 10	0 28	19 35	0 1	23 54	0 5	9 49	0 23	0 53	2 0	34 26	14 57	19 24	19 40	20 2			n.a.
T 10	8 34	10 56	4 55	18 42	2 22	2 48	0n 2	8 25	0 29	19 37	0 1	23 54	0 5	9 50	0 23	0 52	2 0	34 26	14 57	19 25	19 41	20 4			n.a.
F 11	8 12	15 46	5 9	18 14	2 23	3 20	0 5	8 41	0 29	19 39	0 1	23 54	0 5	9 51	0 23	0 52	2 0	34 26	14 57	19 26	19 42	20 6			n.a.
S 12	7 50	19 57	5 9	17 44	2 23	3 51	0 8	8 56	0 30	19 40	0 1	23 54	0 5	9 52	0 23	0 51	2 0	34 27	14 57	19 28	19 43	20 8			n.a.
S 13	7 27	23 19	4 57	17 13	2 23	4 23	0 11	9 11	0 30	19 42	0 1	23 54	0 5	9 53	0 23	0 50	2 0	34 27	14 56	19 28	19 43	20 10			n.a.
M14	7 4	25 42	4 31	16 40	2 23	4 55	0 13	9 26	0 31	19 44	0 1	23 54	0 5	9 54	0 23	0 49	2 0	34 27	14 56	19 29	19 44	20 12			n.a.
T 15	6 42	26 56	3 54	16 5	2 22	5 26	0 16	9 42	0 31	19 46	0 1	23 54	0 6	9 55	0 23	0 48	2 0	34 27	14 56	19 29	19 45	20 15			n.a.
W16	6 19	26 55	3 5	15 29	2 20	5 57	0 19	9 57	0 32	19 48	0 0	23 54	0 6	9 56	0 22	0 47	2 0	34 27	14 56	19 29	19 46	20 17			n.a.
T 17	5 56	25 33	2 7	14 51	2 18	6 28	0 22	10 12	0 32	19 50	0 0	23 54	0 6	9 57	0 22	0 46	2 0	34 27	14 55	19 28	19 46	20 19			n.a.
F 18	5 33	22 50	1 1	14 11	2 15	6 59	0 25	10 27	0 33	19 52	0 0	23 55	0 6	9 58	0 22	0 45	2 0	34 27	14 55	19 28	19 47	20 21			n.a.
S 19	5 10	18 53	0n10	13 29	2 12	7 30	0 28	10 42	0 33	19 54	0 0	23 55	0 6	9 59	0 22	0 44	2 0	34 27	14 55	19 28	19 48	20 23			n.a.
S 20	4 47	13 50	1 22	12 46	2 8	8 1	0 31	10 56	0 34	19 56	0n 0	23 55	0 6	10 1	0 22	0 44	2 0	34 27	14 55	19 28	19 49	20 25			n.a.
M21	4 24	7 57	2 32	12 1	2 3	8 31	0 34	11 11	0 34	19 58	0 0	23 55	0 6	10 2	0 22	0 43	2 0	34 27	14 54	19 29	19 49	20 27			n.a.
T 22	4 1	1 31	3 33	11 14	1 58	9 2	0 37	11 26	0 35	20 0	0 0	23 55	0 6	10 3	0 22	0 42	2 0	34 27	14 54	19 30	19 50	20 29			n.a.
W23	3 38	5n 7	4 22	10 26	1 53	9 32	0 40	11 40	0 35	20 2	0 0	23 55	0 6	10 4	0 22	0 41	2 0	34 27	14 54	19 32	19 51	20 31			n.a.
T 24	3 15	11 32	4 54	9 36	1 47	10 2	0 43	11 55	0 36	20 4	0 1	23 55	0 6	10 5	0 22	0 40	2 0	34 27	14 53	19 33	19 52	20 33			n.a.
F 25	2 51	17 18	5 7	8 44	1 40	10 31	0 46	12 9	0 36	20 6	0 1	23 55	0 6	10 6	0 22	0 39	2 0	34 27	14 53	19 35	19 52	20 35			n.a.
S 26	2 28	22 0	4 59	7 51	1 33	11 1	0 49	12 23	0 37	20 8	0 1	23 55	0 7	10 7	0 22	0 38	2 0	34 27	14 53	19 37	19 53	20 37			n.a.
S 27	2 5	25 16	4 32	6 57	1 26	11 30	0 52	12 38	0 37	20 10	0 1	23 55	0 7	10 8	0 22	0 37	2 0	34 26	14 52	19 38	19 54	20 39			n.a.
M28	1 41	26 52	3 48	6 1	1 18	11 59	0 55	12 52	0 38	20 12	0 1	23 55	0 7	10 10	0 22	0 36	2 0	34 26	14 52	19 38	19 55	20 41			n.a.
T 29	1 18	26 42	2 52	5 4	1 9	12 27	0 58	13 6	0 38	20 15	0 1	23 55	0 7	10 11	0 22	0 35	2 0	34 26	14 52	19 38	19 55	20 43			n.a.
W30	0 55	24 55	1 47	4 5	1 0	12 56	1 1	13 20	0 39	20 17	0 1	23 55	0 7	10 12	0 22	0 34	2 0	34 26	14 51	19 38	19 56	20 45			n.a.
T 31	0s31	21n46	0n37	3s 6	0s51	13n24	1n 4	13n33	0n39	20n19	0n 1	23s55	0s 7	10n13	0s22	0s34	2s 0	34n26	14n51	19s38	19s57	20s47			n.a.

Julian Day Number = 1265285.5, Delta T = 08h22m21s
Ecliptic obliquity = 23°50'40, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'41, Lahiri = -21°11'41 Julian Calendar 1 March 1249 BCE == Greg. Calendar 19 Feb. 1249 BCE

The year -1248 astronomical counting style corresponds to year 1249 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1249 BCE
geocentric

APRIL 1249 BCE (-1248) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 52 31	29♓40'03	9♌53	26♓22	3♉15	4♉17	29♉15	3♊35	27♈ 1	3♈10	2°R 6	3°R48	2♒24	13♏ 0	n.a.	F 1
S 2	11 56 28	0♈37'47	22°45	28°31	4°26	4°56	29°24	3°37	27° 4	3°12	2♌ 5	3♒46	2°20	13° 7	n.a.	S 2
S 3	12 0 24	1°35'29	5♍24	0♈41	5°37	5°35	29°34	3°39	27° 8	3°15	2° 4	3°42	2°17	13°14	n.a.	S 3
M 4	12 4 21	2°33'09	17°54	2°51	6°48	6°13	29°44	3°42	27°11	3°17	2° 4	3°35	2°14	13°21	n.a.	M 4
T 5	12 8 17	3°30'48	0♎14	5° 2	7°59	6°52	29°54	3°44	27°14	3°19	2° 3	3°26	2°11	13°27	n.a.	T 5
W 6	12 12 14	4°28'25	12°25	7°12	9°10	7°30	0♊ 4	3°46	27°17	3°21	2° 3	3°16	2° 8	13°34	n.a.	W 6
T 7	12 16 10	5°26'00	24°30	9°23	10°21	8° 9	0°14	3°47	27°21	3°24	2° 2	3° 4	2° 4	13°41	n.a.	T 7
F 8	12 20 7	6°23'35	6♏28	11°33	11°32	8°47	0°24	3°49	27°24	3°26	2° 2	2°53	2° 1	13°47	n.a.	F 8
S 9	12 24 4	7°21'08	18°21	13°42	12°42	9°25	0°34	3°51	27°27	3°28	2° 1	2°43	1°58	13°54	n.a.	S 9
S 10	12 28 0	8°18'40	0♐12	15°51	13°53	10° 4	0°45	3°52	27°31	3°30	2° 1	2°35	1°55	14° 1	n.a.	S 10
M11	12 31 57	9°16'11	12° 5	17°58	15° 3	10°42	0°55	3°54	27°34	3°33	2° 0	2°29	1°52	14° 8	n.a.	M11
T 12	12 35 53	10°13'41	24° 3	20° 3	16°14	11°21	1° 6	3°55	27°38	3°35	2° 0	2°25	1°49	14°14	n.a.	T 12
W13	12 39 50	11°11'10	6♑10	22° 7	17°24	11°59	1°16	3°57	27°41	3°37	2° 0	2°D24	1°45	14°21	n.a.	W13
T 14	12 43 46	12° 8'38	18°33	24° 9	18°34	12°37	1°27	3°58	27°44	3°39	1°59	2°24	1°42	14°28	n.a.	T 14
F 15	12 47 43	13° 6'05	1♒14	26° 9	19°44	13°16	1°38	3°59	27°48	3°41	1°59	2°R24	1°39	14°35	n.a.	F 15
S 16	12 51 39	14° 3'31	14°21	28° 6	20°54	13°54	1°49	4° 0	27°51	3°44	1°59	2°24	1°36	14°41	n.a.	S 16
S 17	12 55 36	15° 0'56	27°54	0♉ 1	22° 4	14°33	2° 0	4° 1	27°55	3°46	1°58	2°22	1°33	14°48	n.a.	S 17
M18	12 59 33	15°58'20	11♓57	1°54	23°14	15°11	2°11	4° 1	27°58	3°48	1°58	2°17	1°29	14°55	n.a.	M18
T 19	13 3 29	16°55'44	26°27	3°44	24°24	15°49	2°22	4° 2	28° 2	3°50	1°58	2°10	1°26	15° 1	n.a.	T 19
W20	13 7 26	17°53'06	11♈19	5°31	25°34	16°28	2°33	4° 3	28° 5	3°53	1°58	2° 0	1°23	15° 8	n.a.	W20
T 21	13 11 22	18°50'27	26°26	7°15	26°44	17° 6	2°44	4° 3	28° 9	3°55	1°58	1°50	1°20	15°15	n.a.	T 21
F 22	13 15 19	19°47'47	11♉37	8°57	27°53	17°44	2°55	4° 4	28°12	3°57	1°58	1°40	1°17	15°22	n.a.	F 22
S 23	13 19 15	20°45'07	26°42	10°36	29° 3	18°22	3° 7	4° 4	28°16	3°59	1°58	1°31	1°14	15°28	n.a.	S 23
S 24	13 23 12	21°42'25	11♊31	12°12	0♊12	19° 1	3°18	4° 4	28°19	4° 1	1°D58	1°24	1°10	15°35	n.a.	S 24
M25	13 27 8	22°39'42	25°58	13°45	1°21	19°39	3°30	4°R 4	28°23	4° 3	1°58	1°20	1° 7	15°42	n.a.	M25
T 26	13 31 5	23°36'58	10♋ 1	15°15	2°30	20°17	3°41	4° 4	28°26	4° 6	1°58	1°18	1° 4	15°48	n.a.	T 26
W27	13 35 2	24°34'13	23°39	16°42	3°39	20°56	3°53	4° 4	28°30	4° 8	1°58	1°17	1° 1	15°55	n.a.	W27
T 28	13 38 58	25°31'26	6♌54	18° 7	4°48	21°34	4° 5	4° 4	28°33	4°10	1°58	1°17	0°58	16° 2	n.a.	T 28
F 29	13 42 55	26°28'39	19°49	19°28	5°57	22°12	4°17	4° 4	28°37	4°12	1°58	1°16	0°55	16° 9	n.a.	F 29
S 30	13 46 51	27♈25'50	2♍29	20♉46	7♊ 6	22♉50	4♊29	4♊ 3	28♈40	4♈14	1♌58	1♒14	0♒51	16♏15	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s 8	17n33	0s33	2s 6	0s41	13n51	1n 7	13n47	0n40	20n21	0n 2	23s55	0s 7	10n14	0s22	0s33	2s 0	34n26	14n51	19s38	19s58	20s49		n.a.
S 2	0n15	12 36	1 40	1 4	0 31	14 19	1 10	14 1	0 40	20 23	0 2	23 55	0 7	10 15	0 22	0 32	2 0	34 26	14 50	19 38	19 58	20 51		n.a.
S 3	0 39	7 12	2 41	0 3	0 21	14 46	1 13	14 14	0 41	20 26	0 2	23 55	0 7	10 17	0 22	0 31	2 0	34 26	14 50	19 39	19 59	20 53		n.a.
M 4	1 2	1 36	3 33	0n59	0 11	15 12	1 16	14 28	0 41	20 28	0 2	23 55	0 7	10 18	0 22	0 30	2 0	34 25	14 50	19 41	20 0	20 55		n.a.
T 5	1 25	3s58	4 14	2 2	0 0	15 38	1 18	14 41	0 42	20 30	0 2	23 55	0 7	10 19	0 22	0 29	2 0	34 25	14 49	19 43	20 0	20 57		n.a.
W 6	1 48	9 19	4 43	3 4	0n11	16 4	1 21	14 54	0 42	20 32	0 2	23 55	0 8	10 20	0 22	0 28	2 0	34 25	14 49	19 45	20 1	20 58		n.a.
T 7	2 12	14 16	4 59	4 6	0 21	16 30	1 24	15 8	0 42	20 35	0 2	23 55	0 8	10 22	0 22	0 27	2 0	34 25	14 49	19 48	20 2	21 0		n.a.
F 8	2 35	18 38	5 2	5 8	0 32	16 55	1 27	15 21	0 43	20 37	0 2	23 55	0 8	10 23	0 22	0 26	2 0	34 25	14 48	19 51	20 3	21 2		n.a.
S 9	2 58	22 14	4 52	6 8	0 42	17 20	1 29	15 33	0 43	20 39	0 2	23 55	0 8	10 24	0 22	0 25	2 0	34 24	14 48	19 53	20 3	21 4		n.a.
S 10	3 21	24 55	4 29	7 8	0 52	17 44	1 32	15 46	0 44	20 42	0 2	23 55	0 8	10 25	0 22	0 24	2 0	34 24	14 48	19 55	20 4	21 6		n.a.
M11	3 44	26 29	3 54	8 7	1 2	18 8	1 34	15 59	0 44	20 44	0 3	23 55	0 8	10 27	0 22	0 24	2 0	34 24	14 47	19 56	20 5	21 8		n.a.
T 12	4 7	26 51	3 9	9 4	1 12	18 31	1 37	16 12	0 45	20 46	0 3	23 55	0 8	10 28	0 22	0 23	2 0	34 24	14 47	19 57	20 6	21 10		n.a.
W13	4 30	25 56	2 15	10 0	1 21	18 54	1 39	16 24	0 45	20 48	0 3	23 55	0 8	10 29	0 22	0 22	2 0	34 23	14 47	19 57	20 6	21 12		n.a.
T 14	4 53	23 44	1 13	10 54	1 29	19 16	1 42	16 36	0 45	20 51	0 3	23 55	0 8	10 30	0 22	0 21	2 0	34 23	14 46	19 57	20 7	21 14		n.a.
F 15	5 15	20 19	0 6	11 46	1 37	19 38	1 44	16 49	0 46	20 53	0 3	23 55	0 8	10 32	0 22	0 20	2 0	34 23	14 46	19 57	20 8	21 16		n.a.
S 16	5 38	15 48	1n 3	12 36	1 45	20 0	1 46	17 1	0 46	20 55	0 3	23 56	0 9	10 33	0 22	0 19	2 0	34 22	14 45	19 57	20 8	21 17		n.a.
S 17	6 1	10 22	2 11	13 24	1 52	20 21	1 49	17 13	0 47	20 58	0 3	23 56	0 9	10 34	0 22	0 18	2 0	34 22	14 45	19 58	20 9	21 19		n.a.
M18	6 23	4 14	3 13	14 10	1 58	20 41	1 51	17 25	0 47	21 0	0 3	23 56	0 9	10 35	0 22	0 17	2 0	34 22	14 45	19 59	20 10	21 21		n.a.
T 19	6 46	2n18	4 5	14 54	2 3	21 1	1 53	17 36	0 47	21 2	0 3	23 56	0 9	10 37	0 22	0 16	2 0	34 21	14 44	20 1	20 11	21 23		n.a.
W20	7 8	8 52	4 42	15 35	2 8	21 20	1 55	17 48	0 48	21 5	0 4	23 56	0 9	10 38	0 22	0 16	2 0	34 21	14 44	20 3	20 11	21 25		n.a.
T 21	7 30	15 0	5 0	16 15	2 12	21 39	1 57	18 0	0 48	21 7	0 4	23 56	0 9	10 39	0 22	0 15	2 0	34 21	14 44	20 5	20 12	21 27		n.a.
F 22	7 52	20 16	4 56	16 52	2 16	21 57	1 59	18 11	0 48	21 10	0 4	23 56	0 9	10 40	0 22	0 14	2 0	34 20	14 43	20 8	20 13	21 29		n.a.
S 23	8 14	24 10	4 33	17 26	2 18	22 15	2 1	18 22	0 49	21 12	0 4	23 56	0 9	10 42	0 22	0 13	2 0	34 20	14 43	20 10	20 13	21 30		n.a.
S 24	8 36	26 21	3 51	17 58	2 20	22 32	2 3	18 33	0 49	21 14	0 4	23 56	0 9	10 43	0 22	0 12	2 0	34 20	14 42	20 11	20 14	21 32		n.a.
M25	8 58	26 42	2 55	18 29	2 21	22 49	2 5	18 44	0 50	21 17	0 4	23 56	0 10	10 44	0 22	0 11	2 0	34 19	14 42	20 12	20 15	21 34		n.a.
T 26	9 19	25 17	1 50	18 56	2 22	23 5	2 6	18 55	0 50	21 19	0 4	23 56	0 10	10 46	0 22	0 10	2 0	34 19	14 42	20 13	20 16	21 36		n.a.
W27	9 41	22 24	0 40	19 22	2 21	23 20	2 8	19 6	0 50	21 21	0 4	23 57	0 10	10 47	0 22	0 10	2 0	34 18	14 41	20 13	20 16	21 38		n.a.
T 28	10 2	18 23	0s30	19 45	2 20	23 35	2 9	19 16	0 51	21 24	0 4	23 57	0 10	10 48	0 22	0 9	2 0	34 18	14 41	20 13	20 17	21 40		n.a.
F 29	10 23	13 36	1 36	20 6	2 18	23 49	2 11	19 27	0 51	21 26	0 5	23 57	0 10	10 49	0 22	0 8	2 0	34 18	14 40	20 13	20 18	21 41		n.a.
S 30	10n44	8n20	2s37	20n25	2n16	24n 2	2n12	19n37	0n51	21n28	0n 5	23s57	0s10	10n51	0s22	0s 7	2s 0	34n17	14n40	20s13	20s18	21s43		n.a.

Julian Day Number = 1265316.5, Delta T = 08h22m20s
Ecliptic obliquity = 23°50'40, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'37, Lahiri = -21°11'36 Julian Calendar 1 Apr. 1249 BCE == Greg. Calendar 21 March 1249 BCE

The year -1248 astronomical counting style corresponds to year 1249 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1249 BCE
geocentric

MAY 1249 BCE (-1248) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 50 48	28♈23'01	14♍55	22♉ 1	8♊14	23♉28	4♊40	4°R 3	28♈44	4♈16	1♌58	1°R 8	0♒48	16♏22	n.a.	S 1
M 2	13 54 44	29°20'10	27°11	23°13	9°23	24° 7	4°52	4♋ 2	28°47	4°18	1°59	1♒ 0	0°45	16°29	n.a.	M 2
T 3	13 58 41	0♉17'19	9♎19	24°21	10°31	24°45	5° 4	4° 1	28°51	4°20	1°59	0°49	0°42	16°35	n.a.	T 3
W 4	14 2 38	1°14'27	21°21	25°27	11°39	25°23	5°16	4° 1	28°55	4°22	1°59	0°37	0°39	16°42	n.a.	W 4
T 5	14 6 34	2°11'35	3♏18	26°29	12°48	26° 1	5°29	4° 0	28°58	4°24	2° 0	0°23	0°35	16°49	n.a.	T 5
F 6	14 10 31	3° 8'42	15°12	27°27	13°56	26°39	5°41	3°59	29° 2	4°26	2° 0	0° 9	0°32	16°56	n.a.	F 6
S 7	14 14 27	4° 5'48	27° 4	28°22	15° 3	27°17	5°53	3°58	29° 5	4°29	2° 0	29♋57	0°29	17° 2	n.a.	S 7
S 8	14 18 24	5° 2'54	8♐56	29°14	16°11	27°56	6° 5	3°56	29° 9	4°31	2° 1	29°47	0°26	17° 9	n.a.	S 8
M 9	14 22 20	6° 0'00	20°50	0♊ 2	17°19	28°34	6°18	3°55	29°12	4°33	2° 1	29°39	0°23	17°16	n.a.	M 9
T 10	14 26 17	6°57'06	2♋49	0°45	18°26	29°12	6°30	3°54	29°16	4°34	2° 2	29°34	0°20	17°23	n.a.	T 10
W11	14 30 13	7°54'12	14°57	1°26	19°33	29°50	6°42	3°52	29°19	4°36	2° 2	29°32	0°16	17°29	n.a.	W11
T 12	14 34 10	8°51'17	27°18	2° 2	20°41	0♊28	6°55	3°51	29°23	4°38	2° 3	29°D31	0°13	17°36	n.a.	T 12
F 13	14 38 7	9°48'22	9♒58	2°34	21°48	1° 6	7° 7	3°49	29°26	4°40	2° 3	29°R32	0°10	17°43	n.a.	F 13
S 14	14 42 3	10°45'28	23° 0	3° 1	22°55	1°44	7°20	3°48	29°30	4°42	2° 4	29°31	0° 7	17°49	n.a.	S 14
S 15	14 46 0	11°42'33	6♓29	3°25	24° 1	2°22	7°33	3°46	29°33	4°44	2° 5	29°29	0° 4	17°56	n.a.	S 15
M16	14 49 56	12°39'38	20°26	3°44	25° 8	3° 1	7°45	3°44	29°37	4°46	2° 5	29°25	0° 0	18° 3	n.a.	M16
T 17	14 53 53	13°36'44	4♈53	3°59	26°14	3°39	7°58	3°42	29°40	4°48	2° 6	29°18	29♋57	18°10	n.a.	T 17
W18	14 57 49	14°33'49	19°45	4° 9	27°21	4°17	8°11	3°40	29°44	4°50	2° 7	29°10	29°54	18°16	n.a.	W18
T 19	15 1 46	15°30'55	4♉55	4°14	28°27	4°55	8°23	3°38	29°47	4°51	2° 7	29° 0	29°51	18°23	n.a.	T 19
F 20	15 5 42	16°28'01	20°13	4°R15	29°33	5°33	8°36	3°35	29°50	4°53	2° 8	28°50	29°48	18°30	n.a.	F 20
S 21	15 9 39	17°25'06	5♊29	4°11	0♋38	6°11	8°49	3°33	29°54	4°55	2° 9	28°41	29°45	18°36	n.a.	S 21
S 22	15 13 36	18°22'12	20°30	4° 3	1°44	6°49	9° 2	3°31	29°57	4°57	2°10	28°34	29°41	18°43	n.a.	S 22
M23	15 17 32	19°19'17	5♋ 9	3°50	2°49	7°27	9°15	3°28	0♉ 1	4°59	2°11	28°30	29°38	18°50	n.a.	M23
T 24	15 21 29	20°16'23	19°22	3°33	3°55	8° 5	9°28	3°25	0° 4	5° 0	2°12	28°28	29°35	18°57	n.a.	T 24
W25	15 25 25	21°13'28	3♌ 7	3°12	5° 0	8°43	9°41	3°23	0° 7	5° 2	2°13	28°D28	29°32	19° 3	n.a.	W25
T 26	15 29 22	22°10'32	16°25	2°48	6° 4	9°21	9°54	3°20	0°11	5° 4	2°14	28°R28	29°29	19°10	n.a.	T 26
F 27	15 33 18	23° 7'37	29°20	2°19	7° 9	10° 0	10° 7	3°17	0°14	5° 5	2°14	28°28	29°26	19°17	n.a.	F 27
S 28	15 37 15	24° 4'42	11♍56	1°48	8°13	10°38	10°20	3°14	0°17	5° 7	2°16	28°26	29°22	19°23	n.a.	S 28
S 29	15 41 12	25° 1'46	24°16	1°14	9°18	11°16	10°33	3°11	0°21	5° 9	2°17	28°23	29°19	19°30	n.a.	S 29
M30	15 45 8	25°58'51	6♎25	0°39	10°22	11°54	10°46	3° 8	0°24	5°10	2°18	28°17	29°16	19°37	n.a.	M30
T 31	15 49 5	26♉55'55	18♎26	0♊ 1	11♋25	12♊32	10♊59	3♋ 5	0♉27	5♈12	2♌19	28♋ 8	29♋13	19♏44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11n 5	2n51	3s28	20n42	2n12	24n15	2n13	19n47	0n52	21n31	0n 5	23s57	0s10	10n52	0s22	0s 6	2s 0	34n17	14n40	20s15	20s19	21s45			n.a.
M 2	11 25	2s40	4 10	20 57	2 8	24 27	2 15	19 57	0 52	21 33	0 5	23 57	0 10	10 53	0 22	0 5	2 0	34 16	14 39	20 16	20 20	21 47			n.a.
T 3	11 46	8 1	4 39	21 10	2 3	24 38	2 16	20 7	0 52	21 35	0 5	23 57	0 10	10 55	0 22	0 5	2 0	34 16	14 39	20 19	20 20	21 48			n.a.
W 4	12 6	13 1	4 56	21 21	1 58	24 49	2 17	20 17	0 53	21 37	0 5	23 57	0 10	10 56	0 22	0 4	2 0	34 15	14 38	20 22	20 21	21 50			n.a.
T 5	12 26	17 30	4 59	21 30	1 51	25 0	2 18	20 27	0 53	21 40	0 5	23 58	0 11	10 57	0 22	0 3	2 0	34 15	14 38	20 25	20 22	21 52			n.a.
F 6	12 46	21 16	4 49	21 36	1 44	25 9	2 19	20 36	0 53	21 42	0 5	23 58	0 11	10 58	0 22	0 2	2 0	34 14	14 38	20 28	20 23	21 54			n.a.
S 7	13 6	24 10	4 27	21 41	1 36	25 18	2 19	20 45	0 54	21 44	0 5	23 58	0 11	11 0	0 22	0 1	2 0	34 14	14 37	20 30	20 23	21 56			n.a.
S 8	13 25	26 0	3 53	21 45	1 27	25 26	2 20	20 54	0 54	21 47	0 5	23 58	0 11	11 1	0 22	0 1	2 0	34 14	14 37	20 32	20 24	21 57			n.a.
M 9	13 45	26 40	3 9	21 46	1 18	25 33	2 21	21 3	0 54	21 49	0 6	23 58	0 11	11 2	0 22	0n 0	2 0	34 13	14 36	20 34	20 25	21 59			n.a.
T 10	14 4	26 5	2 16	21 46	1 8	25 40	2 21	21 12	0 55	21 51	0 6	23 58	0 11	11 3	0 22	0 1	2 0	34 13	14 36	20 35	20 25	22 1			n.a.
W11	14 23	24 15	1 16	21 43	0 57	25 46	2 21	21 21	0 55	21 53	0 6	23 58	0 11	11 5	0 22	0 2	2 0	34 12	14 36	20 36	20 26	22 2			n.a.
T 12	14 41	21 15	0 12	21 40	0 45	25 52	2 22	21 30	0 55	21 56	0 6	23 59	0 11	11 6	0 22	0 2	2 0	34 11	14 35	20 36	20 27	22 4			n.a.
F 13	15 0	17 10	0n55	21 34	0 33	25 57	2 22	21 38	0 56	21 58	0 6	23 59	0 11	11 7	0 22	0 3	2 0	34 11	14 35	20 36	20 27	22 6			n.a.
S 14	15 18	12 11	2 1	21 27	0 21	26 1	2 22	21 46	0 56	22 0	0 6	23 59	0 12	11 9	0 22	0 4	2 0	34 10	14 34	20 36	20 28	22 8			n.a.
S 15	15 36	6 28	3 2	21 19	0 7	26 4	2 22	21 54	0 56	22 2	0 6	23 59	0 12	11 10	0 22	0 5	2 0	34 10	14 34	20 36	20 29	22 9			n.a.
M16	15 54	0 15	3 55	21 9	0s 7	26 7	2 21	22 2	0 56	22 4	0 6	23 59	0 12	11 11	0 22	0 5	2 0	34 9	14 34	20 37	20 29	22 11			n.a.
T 17	16 11	6n10	4 35	20 57	0 21	26 8	2 21	22 10	0 57	22 7	0 6	23 59	0 12	11 12	0 22	0 6	2 0	34 9	14 33	20 38	20 30	22 13			n.a.
W18	16 29	12 25	4 57	20 44	0 36	26 10	2 21	22 17	0 57	22 9	0 6	23 59	0 12	11 14	0 22	0 7	2 1	34 8	14 33	20 40	20 31	22 14			n.a.
T 19	16 46	18 4	5 0	20 30	0 52	26 10	2 20	22 25	0 57	22 11	0 7	24 0	0 12	11 15	0 22	0 7	2 1	34 8	14 33	20 42	20 32	22 16			n.a.
F 20	17 3	22 36	4 41	20 15	1 7	26 10	2 20	22 32	0 58	22 13	0 7	24 0	0 12	11 16	0 22	0 8	2 1	34 7	14 32	20 45	20 32	22 18			n.a.
S 21	17 19	25 33	4 2	19 59	1 23	26 9	2 19	22 39	0 58	22 15	0 7	24 0	0 12	11 17	0 22	0 9	2 1	34 7	14 32	20 46	20 33	22 19			n.a.
S 22	17 35	26 36	3 7	19 42	1 39	26 8	2 18	22 46	0 58	22 17	0 7	24 0	0 12	11 18	0 22	0 9	2 1	34 6	14 31	20 48	20 34	22 21			n.a.
M23	17 51	25 45	2 0	19 24	1 55	26 6	2 17	22 53	0 58	22 20	0 7	24 0	0 12	11 20	0 22	0 10	2 1	34 5	14 31	20 49	20 34	22 23			n.a.
T 24	18 7	23 13	0 48	19 5	2 11	26 3	2 16	22 59	0 59	22 22	0 7	24 1	0 13	11 21	0 22	0 11	2 1	34 5	14 31	20 49	20 35	22 24			n.a.
W25	18 22	19 24	0s25	18 45	2 27	25 59	2 14	23 6	0 59	22 24	0 7	24 1	0 13	11 22	0 22	0 11	2 1	34 4	14 30	20 49	20 36	22 26			n.a.
T 26	18 37	14 41	1 34	18 25	2 42	25 55	2 13	23 12	0 59	22 26	0 7	24 1	0 13	11 23	0 22	0 12	2 1	34 4	14 30	20 49	20 36	22 28			n.a.
F 27	18 52	9 28	2 37	18 5	2 57	25 50	2 11	23 18	0 59	22 28	0 7	24 1	0 13	11 24	0 22	0 13	2 1	34 3	14 30	20 49	20 37	22 29			n.a.
S 28	19 7	3 59	3 30	17 45	3 11	25 45	2 10	23 24	1 0	22 30	0 7	24 1	0 13	11 26	0 22	0 13	2 1	34 2	14 29	20 49	20 38	22 31			n.a.
S 29	19 21	1s32	4 12	17 26	3 24	25 38	2 8	23 30	1 0	22 32	0 8	24 1	0 13	11 27	0 22	0 14	2 1	34 2	14 29	20 50	20 38	22 32			n.a.
M30	19 35	6 53	4 42	17 6	3 37	25 32	2 6	23 35	1 0	22 34	0 8	24 2	0 13	11 28	0 22	0 14	2 1	34 1	14 28	20 51	20 39	22 34			n.a.
T 31	19n48	11s56	4s59	16n47	3s48	25n24	2n 4	23n41	1n 0	22n36	0n 8	24s 2	0s13	11n29	0s22	0n15	2s 1	34n 1	14n28	20s53	20s40	22s36			n.a.

Julian Day Number = 1265346.5, Delta T = 08h22m18s
Ecliptic obliquity = 23°50'39, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'33, Lahiri = -21°11'32 Julian Calendar 1 May 1249 BCE == Greg. Calendar 20 Apr. 1249 BCE

The year -1248 astronomical counting style corresponds to year 1249 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1249 BCE
geocentric

JUNE 1249 BCE (-1248) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 53 1	27♉53'00	0♏22	29°R23	12♋29	13♊10	11♊12	3°R 2	0♉30	5♈13	2♌20	27°R58	29♑10	19♏50	n.a.	W 1
T 2	15 56 58	28°50'05	12°15	28♉45	13°32	13°48	11°25	2♑59	0°34	5°15	2°21	27♑47	29° 6	19°57	n.a.	T 2
F 3	16 0 54	29°47'11	24° 7	28° 7	14°35	14°26	11°38	2°55	0°37	5°16	2°22	27°36	29° 3	20° 4	n.a.	F 3
S 4	16 4 51	0♊44'17	6♐ 0	27°30	15°38	15° 4	11°52	2°52	0°40	5°18	2°23	27°27	29° 0	20°10	n.a.	S 4
S 5	16 8 47	1°41'23	17°55	26°55	16°40	15°42	12° 5	2°49	0°43	5°19	2°25	27°19	28°57	20°17	n.a.	S 5
M 6	16 12 44	2°38'30	29°54	26°22	17°43	16°20	12°18	2°45	0°46	5°20	2°26	27°13	28°54	20°24	n.a.	M 6
T 7	16 16 41	3°35'38	11♑59	25°53	18°44	16°58	12°31	2°41	0°49	5°22	2°27	27° 9	28°51	20°31	n.a.	T 7
W 8	16 20 37	4°32'46	24°13	25°27	19°46	17°36	12°44	2°38	0°52	5°23	2°28	27°D 8	28°47	20°37	n.a.	W 8
T 9	16 24 34	5°29'56	6♒40	25° 5	20°47	18°14	12°58	2°34	0°56	5°25	2°30	27° 8	28°44	20°44	n.a.	T 9
F 10	16 28 30	6°27'06	19°22	24°47	21°48	18°52	13°11	2°30	0°59	5°26	2°31	27°10	28°41	20°51	n.a.	F 10
S 11	16 32 27	7°24'17	2♓24	24°34	22°49	19°30	13°24	2°26	1° 2	5°27	2°33	27°R10	28°38	20°57	n.a.	S 11
S 12	16 36 23	8°21'28	15°49	24°27	23°50	20° 9	13°37	2°23	1° 5	5°28	2°34	27°10	28°35	21° 4	n.a.	S 12
M13	16 40 20	9°18'41	29°39	24°D25	24°50	20°47	13°51	2°19	1° 8	5°30	2°35	27° 8	28°32	21°11	n.a.	M13
T 14	16 44 17	10°15'55	13♈55	24°29	25°49	21°25	14° 4	2°15	1°10	5°31	2°37	27° 5	28°28	21°18	n.a.	T 14
W15	16 48 13	11°13'11	28°35	24°38	26°49	22° 3	14°17	2°11	1°13	5°32	2°38	27° 0	28°25	21°24	n.a.	W15
T 16	16 52 10	12°10'27	13♉34	24°53	27°48	22°41	14°31	2° 7	1°16	5°33	2°40	26°53	28°22	21°31	n.a.	T 16
F 17	16 56 6	13° 7'44	28°43	25°14	28°47	23°19	14°44	2° 2	1°19	5°34	2°41	26°47	28°19	21°38	n.a.	F 17
S 18	17 0 3	14° 5'03	13♊53	25°41	29°45	23°57	14°57	1°58	1°22	5°35	2°43	26°41	28°16	21°44	n.a.	S 18
S 19	17 3 59	15° 2'22	28°54	26°15	0♌43	24°35	15°11	1°54	1°25	5°36	2°45	26°37	28°12	21°51	n.a.	S 19
M20	17 7 56	15°59'42	13♋37	26°54	1°40	25°13	15°24	1°50	1°27	5°37	2°46	26°34	28° 9	21°58	n.a.	M20
T 21	17 11 53	16°57'03	27°55	27°39	2°37	25°51	15°37	1°46	1°30	5°38	2°48	26°D34	28° 6	22° 5	n.a.	T 21
W22	17 15 49	17°54'25	11♌47	28°30	3°34	26°30	15°51	1°41	1°33	5°39	2°49	26°34	28° 3	22°11	n.a.	W22
T 23	17 19 46	18°51'47	25°12	29°26	4°30	27° 8	16° 4	1°37	1°36	5°40	2°51	26°36	28° 0	22°18	n.a.	T 23
F 24	17 23 42	19°49'11	8♍11	0♊29	5°26	27°46	16°17	1°33	1°38	5°41	2°53	26°37	27°57	22°25	n.a.	F 24
S 25	17 27 39	20°46'35	20°49	1°36	6°21	28°24	16°30	1°28	1°41	5°42	2°54	26°R38	27°53	22°31	n.a.	S 25
S 26	17 31 35	21°44'00	3♎10	2°50	7°16	29° 2	16°44	1°24	1°43	5°43	2°56	26°37	27°50	22°38	n.a.	S 26
M27	17 35 32	22°41'26	15°17	4° 8	8°10	29°40	16°57	1°19	1°46	5°44	2°58	26°35	27°47	22°45	n.a.	M27
T 28	17 39 28	23°38'52	27°15	5°32	9° 4	0♋18	17°10	1°15	1°48	5°44	3° 0	26°31	27°44	22°52	n.a.	T 28
W29	17 43 25	24°36'20	9♏ 9	7° 0	9°57	0°56	17°23	1°10	1°51	5°45	3° 1	26°27	27°41	22°58	n.a.	W29
T 30	17 47 22	25♊33'49	21♏ 1	8♊33	10♌49	1♋35	17♊37	1♑ 6	1♉53	5♈46	3♌ 3	26♑21	27♑38	23♏ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 1	16s30	5s 3	16n29	3s58	25n16	2n 2	23n46	1n 1	22n38	0n 8	24s 2	0s13	11n30	0s22	0n15	2s 1	34n 0	14n28	20s55	20s40	22s37		n.a.
T 2	20 14	20 25	4 54	16 13	4 6	25 7	2 0	23 51	1 1	22 40	0 8	24 2	0 14	11 31	0 22	0 16	2 1	33 59	14 27	20 57	20 41	22 39		n.a.
F 3	20 27	23 30	4 32	15 57	4 14	24 58	1 57	23 56	1 1	22 42	0 8	24 2	0 14	11 33	0 22	0 17	2 1	33 59	14 27	20 59	20 42	22 40		n.a.
S 4	20 39	25 35	3 58	15 43	4 19	24 48	1 55	24 0	1 1	22 44	0 8	24 3	0 14	11 34	0 22	0 17	2 1	33 58	14 27	21 1	20 42	22 42		n.a.
S 5	20 51	26 30	3 14	15 31	4 24	24 38	1 52	24 5	1 2	22 45	0 8	24 3	0 14	11 35	0 22	0 18	2 1	33 58	14 26	21 3	20 43	22 44		n.a.
M 6	21 2	26 11	2 21	15 21	4 26	24 27	1 49	24 9	1 2	22 47	0 8	24 3	0 14	11 36	0 22	0 18	2 1	33 57	14 26	21 4	20 44	22 45		n.a.
T 7	21 14	24 38	1 20	15 14	4 27	24 15	1 46	24 13	1 2	22 49	0 8	24 3	0 14	11 37	0 22	0 19	2 2	33 56	14 26	21 5	20 44	22 47		n.a.
W 8	21 24	21 53	0 16	15 8	4 27	24 3	1 43	24 17	1 2	22 51	0 9	24 3	0 14	11 38	0 22	0 19	2 2	33 56	14 25	21 5	20 45	22 48		n.a.
T 9	21 35	18 6	0n51	15 5	4 25	23 50	1 39	24 21	1 3	22 53	0 9	24 3	0 14	11 39	0 22	0 20	2 2	33 55	14 25	21 5	20 46	22 50		n.a.
F 10	21 45	13 25	1 57	15 4	4 21	23 37	1 36	24 25	1 3	22 55	0 9	24 4	0 14	11 40	0 22	0 20	2 2	33 54	14 25	21 5	20 46	22 51		n.a.
S 11	21 55	8 2	2 58	15 5	4 16	23 24	1 32	24 28	1 3	22 56	0 9	24 4	0 15	11 41	0 22	0 21	2 2	33 54	14 25	21 5	20 47	22 53		n.a.
S 12	22 4	2 8	3 52	15 10	4 10	23 9	1 28	24 31	1 3	22 58	0 9	24 4	0 15	11 42	0 22	0 21	2 2	33 53	14 24	21 5	20 48	22 54		n.a.
M13	22 13	4n 2	4 34	15 16	4 3	22 55	1 25	24 34	1 3	23 0	0 9	24 4	0 15	11 43	0 22	0 21	2 2	33 52	14 24	21 5	20 48	22 56		n.a.
T 14	22 22	10 10	5 0	15 25	3 54	22 39	1 20	24 37	1 4	23 2	0 9	24 4	0 15	11 44	0 22	0 22	2 2	33 52	14 24	21 6	20 49	22 57		n.a.
W15	22 30	15 56	5 8	15 37	3 45	22 24	1 16	24 40	1 4	23 3	0 9	24 4	0 15	11 45	0 22	0 22	2 2	33 51	14 23	21 7	20 50	22 59		n.a.
T 16	22 38	20 51	4 55	15 51	3 35	22 8	1 12	24 42	1 4	23 5	0 9	24 5	0 15	11 46	0 22	0 23	2 2	33 50	14 23	21 8	20 50	23 0		n.a.
F 17	22 45	24 28	4 22	16 7	3 23	21 51	1 7	24 44	1 4	23 7	0 9	24 5	0 15	11 47	0 22	0 23	2 2	33 50	14 23	21 9	20 51	23 2		n.a.
S 18	22 53	26 20	3 30	16 25	3 11	21 34	1 3	24 46	1 4	23 8	0 10	24 5	0 15	11 48	0 22	0 23	2 2	33 49	14 23	21 10	20 52	23 3		n.a.
S 19	22 59	26 15	2 24	16 45	2 59	21 17	0 58	24 48	1 5	23 10	0 10	24 5	0 15	11 49	0 22	0 24	2 2	33 48	14 22	21 11	20 52	23 5		n.a.
M20	23 6	24 17	1 10	17 6	2 46	20 59	0 53	24 50	1 5	23 11	0 10	24 5	0 15	11 50	0 22	0 24	2 2	33 48	14 22	21 12	20 53	23 6		n.a.
T 21	23 11	20 48	0s 7	17 30	2 32	20 41	0 48	24 52	1 5	23 13	0 10	24 5	0 16	11 51	0 22	0 25	2 2	33 47	14 22	21 12	20 53	23 8		n.a.
W22	23 17	16 14	1 22	17 55	2 18	20 22	0 42	24 53	1 5	23 15	0 10	24 6	0 16	11 52	0 22	0 25	2 2	33 46	14 21	21 12	20 54	23 9		n.a.
T 23	23 22	11 0	2 29	18 21	2 4	20 3	0 37	24 54	1 5	23 16	0 10	24 6	0 16	11 53	0 22	0 25	2 3	33 46	14 21	21 11	20 55	23 11		n.a.
F 24	23 27	5 27	3 27	18 48	1 50	19 44	0 31	24 55	1 5	23 18	0 10	24 6	0 16	11 54	0 22	0 25	2 3	33 45	14 21	21 11	20 55	23 12		n.a.
S 25	23 31	0s10	4 13	19 16	1 36	19 24	0 25	24 56	1 6	23 19	0 10	24 6	0 16	11 55	0 22	0 26	2 3	33 44	14 21	21 11	20 56	23 14		n.a.
S 26	23 35	5 38	4 46	19 45	1 21	19 5	0 19	24 56	1 6	23 21	0 10	24 6	0 16	11 56	0 22	0 26	2 3	33 44	14 21	21 11	20 57	23 15		n.a.
M27	23 38	10 48	5 6	20 14	1 7	18 44	0 13	24 57	1 6	23 22	0 11	24 6	0 16	11 57	0 22	0 26	2 3	33 43	14 20	21 12	20 57	23 16		n.a.
T 28	23 41	15 30	5 12	20 43	0 53	18 24	0 7	24 57	1 6	23 23	0 11	24 7	0 16	11 58	0 22	0 27	2 3	33 42	14 20	21 12	20 58	23 18		n.a.
W29	23 44	19 34	5 4	21 12	0 39	18 3	0 0	24 57	1 6	23 25	0 11	24 7	0 16	11 59	0 22	0 27	2 3	33 42	14 20	21 13	20 59	23 19		n.a.
T 30	23n46	22s52	4s43	21n41	0s26	17n43	0s 7	24n56	1n 6	23n26	0n11	24s 7	0s16	11n59	0s22	0n27	2s 3	33n41	14n20	21s14	20s59	23s21		n.a.

Julian Day Number = 1265377.5, Delta T = 08h22m16s
Ecliptic obliquity = 23°50'38, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'28, Lahiri = -21°11'28 Julian Calendar 1 June 1249 BCE == Greg. Calendar 21 May 1249 BCE

The year -1248 astronomical counting style corresponds to year 1249 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1249 BCE
geocentric

JULY 1249 BCE (-1248) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 51 18	26♊31'19	2♐54	10♊10	11♌41	2♋13	17♊50	1°R 2	1♉56	5♈47	3♌ 5	26°R16	27♏34	23♏12	n.a.	F 1
S 2	17 55 15	27°28'51	14°50	11°51	12°32	2°51	18° 3	0♏57	1°58	5°47	3° 7	26♏11	27°31	23°18	n.a.	S 2
S 3	17 59 11	28°26'24	26°52	13°36	13°23	3°29	18°16	0°53	2° 0	5°48	3° 9	26° 7	27°28	23°25	n.a.	S 3
M 4	18 3 8	29°23'58	9♏ 0	15°24	14°12	4° 7	18°30	0°48	2° 3	5°48	3°11	26° 5	27°25	23°32	n.a.	M 4
T 5	18 7 4	0♋21'33	21°18	17°16	15° 2	4°45	18°43	0°43	2° 5	5°49	3°12	26°D 4	27°22	23°39	n.a.	T 5
W 6	18 11 1	1°19'10	3♒45	19° 9	15°50	5°24	18°56	0°39	2° 7	5°49	3°14	26° 4	27°18	23°45	n.a.	W 6
T 7	18 14 57	2°16'49	16°25	21° 5	16°38	6° 2	19° 9	0°34	2° 9	5°50	3°16	26° 5	27°15	23°52	n.a.	T 7
F 8	18 18 54	3°14'29	29°18	23° 2	17°25	6°40	19°22	0°30	2°11	5°50	3°18	26° 7	27°12	23°59	n.a.	F 8
S 9	18 22 51	4°12'11	12♓28	25° 1	18°11	7°18	19°35	0°25	2°13	5°51	3°20	26° 8	27° 9	24° 5	n.a.	S 9
S 10	18 26 47	5° 9'55	25°55	27° 1	18°56	7°57	19°48	0°21	2°15	5°51	3°22	26° 9	27° 6	24°12	n.a.	S 10
M11	18 30 44	6° 7'40	9♈42	29° 2	19°40	8°35	20° 1	0°16	2°17	5°52	3°24	26°R 9	27° 3	24°19	n.a.	M11
T 12	18 34 40	7° 5'28	23°48	1♋ 3	20°24	9°13	20°14	0°12	2°19	5°52	3°26	26° 8	26°59	24°26	n.a.	T 12
W13	18 38 37	8° 3'17	8♉12	3° 4	21° 6	9°51	20°27	0° 7	2°21	5°52	3°28	26° 7	26°56	24°32	n.a.	W13
T 14	18 42 33	9° 1'08	22°51	5° 5	21°48	10°30	20°40	0° 3	2°23	5°52	3°30	26° 5	26°53	24°39	n.a.	T 14
F 15	18 46 30	9°59'02	7♊39	7° 5	22°28	11° 8	20°53	29♐59	2°25	5°53	3°32	26° 3	26°50	24°46	n.a.	F 15
S 16	18 50 26	10°56'57	22°30	9° 5	23° 7	11°46	21° 6	29°54	2°27	5°53	3°34	26° 1	26°47	24°52	n.a.	S 16
S 17	18 54 23	11°54'54	7♋15	11° 4	23°46	12°25	21°19	29°50	2°28	5°53	3°36	26° 0	26°44	24°59	n.a.	S 17
M18	18 58 20	12°52'53	21°48	13° 3	24°23	13° 3	21°32	29°45	2°30	5°53	3°38	25°D59	26°40	25° 6	n.a.	M18
T 19	19 2 16	13°50'53	6♌ 3	15° 0	24°59	13°41	21°45	29°41	2°32	5°53	3°40	25°59	26°37	25°12	n.a.	T 19
W20	19 6 13	14°48'55	19°55	16°57	25°34	14°20	21°57	29°37	2°33	5°53	3°42	26° 0	26°34	25°19	n.a.	W20
T 21	19 10 9	15°46'59	3♍23	18°52	26° 7	14°58	22°10	29°33	2°35	5°R53	3°44	26° 1	26°31	25°26	n.a.	T 21
F 22	19 14 6	16°45'04	16°26	20°46	26°39	15°36	22°23	29°28	2°36	5°53	3°46	26° 2	26°28	25°33	n.a.	F 22
S 23	19 18 2	17°43'10	29° 8	22°39	27°10	16°15	22°35	29°24	2°38	5°53	3°48	26° 3	26°24	25°39	n.a.	S 23
S 24	19 21 59	18°41'18	11♎31	24°31	27°39	16°53	22°48	29°20	2°39	5°53	3°51	26° 3	26°21	25°46	n.a.	S 24
M25	19 25 55	19°39'28	23°40	26°22	28° 7	17°32	23° 0	29°16	2°41	5°53	3°53	26°R 3	26°18	25°53	n.a.	M25
T 26	19 29 52	20°37'40	5♏38	28°11	28°33	18°10	23°13	29°12	2°42	5°53	3°55	26° 3	26°15	25°59	n.a.	T 26
W27	19 33 49	21°35'53	17°31	29°59	28°58	18°48	23°25	29° 8	2°43	5°53	3°57	26° 2	26°12	26° 6	n.a.	W27
T 28	19 37 45	22°34'08	29°23	1♌47	29°20	19°27	23°38	29° 4	2°44	5°53	3°59	26° 2	26° 9	26°13	n.a.	T 28
F 29	19 41 42	23°32'24	11♐18	3°32	29°42	20° 5	23°50	29° 0	2°45	5°52	4° 1	26° 2	26° 5	26°20	n.a.	F 29
S 30	19 45 38	24°30'43	23°19	5°17	0♍ 1	20°44	24° 3	28°56	2°47	5°52	4° 3	26° 1	26° 2	26°26	n.a.	S 30
S 31	19 49 35	25♋29'03	5♏29	7♌ 1	0♍18	21♋22	24♊15	28♐52	2♉48	5♈52	4♌ 6	26♏ 1	25♏59	26♏33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
F 1	23n48	25s11	4s11	22n 9	0s12	17n21	0s13	24n56	1n 7	23n27	0n11	24s 7	0s17	12n 0	0s22	0n27	2s 3	33n40	14n19	21s15	21s 0	23s22			n.a.
S 2	23 49	26 23	3 27	22 36	0n 0	17 0	0 20	24 55	1 7	23 29	0 11	24 7	0 17	12 1	0 22	0 27	2 3	33 40	14 19	21 16	21 1	23 23			n.a.
S 3	23 50	26 22	2 33	23 2	0 13	16 39	0 28	24 55	1 7	23 30	0 11	24 7	0 17	12 2	0 22	0 28	2 3	33 39	14 19	21 17	21 1	23 25			n.a.
M 4	23 51	25 4	1 32	23 26	0 24	16 17	0 35	24 54	1 7	23 31	0 11	24 7	0 17	12 3	0 22	0 28	2 3	33 38	14 19	21 17	21 2	23 26			n.a.
T 5	23 51	22 33	0 26	23 48	0 35	15 55	0 43	24 53	1 7	23 33	0 11	24 7	0 17	12 3	0 22	0 28	2 3	33 38	14 19	21 18	21 2	23 28			n.a.
W 6	23 50	18 57	0n42	24 9	0 45	15 34	0 50	24 51	1 7	23 34	0 12	24 8	0 17	12 4	0 22	0 28	2 3	33 37	14 18	21 18	21 3	23 29			n.a.
T 7	23 49	14 27	1 50	24 27	0 55	15 12	0 58	24 50	1 7	23 35	0 12	24 8	0 17	12 5	0 22	0 28	2 4	33 36	14 18	21 17	21 4	23 30			n.a.
F 8	23 48	9 13	2 53	24 43	1 3	14 50	1 6	24 48	1 8	23 36	0 12	24 8	0 17	12 6	0 22	0 28	2 4	33 36	14 18	21 17	21 4	23 32			n.a.
S 9	23 47	3 29	3 48	24 56	1 11	14 27	1 15	24 46	1 8	23 37	0 12	24 8	0 17	12 6	0 22	0 28	2 4	33 35	14 18	21 17	21 5	23 33			n.a.
S 10	23 44	2n31	4 33	25 7	1 19	14 5	1 23	24 44	1 8	23 39	0 12	24 8	0 17	12 7	0 22	0 28	2 4	33 35	14 18	21 17	21 6	23 34			n.a.
M11	23 42	8 31	5 2	25 15	1 25	13 43	1 32	24 42	1 8	23 40	0 12	24 8	0 17	12 8	0 22	0 29	2 4	33 34	14 18	21 17	21 6	23 36			n.a.
T 12	23 39	14 15	5 15	25 21	1 30	13 21	1 40	24 39	1 8	23 41	0 12	24 8	0 18	12 8	0 22	0 29	2 4	33 33	14 18	21 17	21 7	23 37			n.a.
W13	23 36	19 19	5 8	25 23	1 35	12 59	1 49	24 36	1 8	23 42	0 12	24 8	0 18	12 9	0 22	0 29	2 4	33 33	14 17	21 17	21 7	23 38			n.a.
T 14	23 32	23 20	4 42	25 24	1 39	12 37	1 59	24 33	1 8	23 43	0 12	24 8	0 18	12 10	0 22	0 29	2 4	33 32	14 17	21 17	21 8	23 40			n.a.
F 15	23 28	25 50	3 56	25 21	1 42	12 15	2 8	24 30	1 9	23 44	0 13	24 8	0 18	12 10	0 22	0 29	2 4	33 31	14 17	21 18	21 9	23 41			n.a.
S 16	23 23	26 32	2 55	25 16	1 45	11 53	2 17	24 27	1 9	23 45	0 13	24 9	0 18	12 11	0 22	0 29	2 4	33 31	14 17	21 18	21 9	23 42			n.a.
S 17	23 18	25 20	1 42	25 8	1 46	11 31	2 27	24 24	1 9	23 46	0 13	24 9	0 18	12 12	0 22	0 29	2 4	33 30	14 17	21 18	21 10	23 44			n.a.
M18	23 12	22 25	0 23	24 58	1 47	11 9	2 37	24 20	1 9	23 47	0 13	24 9	0 18	12 12	0 22	0 29	2 4	33 29	14 17	21 18	21 11	23 45			n.a.
T 19	23 7	18 11	0s55	24 46	1 48	10 48	2 47	24 16	1 9	23 48	0 13	24 9	0 18	12 13	0 22	0 29	2 4	33 29	14 17	21 18	21 11	23 46			n.a.
W20	23 0	13 3	2 9	24 32	1 48	10 26	2 57	24 12	1 9	23 49	0 13	24 9	0 18	12 13	0 22	0 29	2 4	33 28	14 17	21 18	21 12	23 47			n.a.
T 21	22 54	7 27	3 13	24 15	1 47	10 5	3 8	24 8	1 9	23 50	0 13	24 9	0 18	12 14	0 22	0 29	2 5	33 28	14 17	21 18	21 12	23 49			n.a.
F 22	22 46	1 42	4 4	23 57	1 46	9 44	3 18	24 4	1 9	23 51	0 13	24 9	0 18	12 14	0 22	0 29	2 5	33 27	14 17	21 18	21 13	23 50			n.a.
S 23	22 39	3s57	4 43	23 37	1 44	9 24	3 29	23 59	1 9	23 51	0 13	24 9	0 19	12 15	0 22	0 28	2 5	33 26	14 16	21 18	21 14	23 51			n.a.
S 24	22 31	9 19	5 7	23 15	1 41	9 4	3 40	23 54	1 9	23 52	0 14	24 9	0 19	12 15	0 22	0 28	2 5	33 26	14 16	21 18	21 14	23 52			n.a.
M25	22 23	14 13	5 17	22 51	1 39	8 44	3 50	23 49	1 10	23 53	0 14	24 9	0 19	12 16	0 22	0 28	2 5	33 25	14 16	21 18	21 15	23 54			n.a.
T 26	22 14	18 31	5 12	22 26	1 36	8 24	4 2	23 44	1 10	23 54	0 14	24 9	0 19	12 16	0 22	0 28	2 5	33 25	14 16	21 18	21 15	23 55			n.a.
W27	22 5	22 3	4 55	21 59	1 32	8 5	4 13	23 39	1 10	23 55	0 14	24 9	0 19	12 17	0 22	0 28	2 5	33 24	14 16	21 18	21 16	23 56			n.a.
T 28	21 55	24 40	4 25	21 32	1 28	7 47	4 24	23 33	1 10	23 55	0 14	24 9	0 19	12 17	0 22	0 28	2 5	33 23	14 16	21 18	21 17	23 57			n.a.
F 29	21 45	26 12	3 43	21 3	1 24	7 29	4 36	23 28	1 10	23 56	0 14	24 9	0 19	12 17	0 22	0 28	2 5	33 23	14 16	21 18	21 17	23 59			n.a.
S 30	21 35	26 32	2 52	20 32	1 19	7 11	4 47	23 22	1 10	23 57	0 14	24 9	0 19	12 18	0 22	0 28	2 5	33 22	14 16	21 18	21 18	24 0			n.a.
S 31	21n24	25s35	1s52	20n 1	1n14	6n54	4s59	23n16	1n10	23n57	0n14	24s 9	0s19	12n18	0s22	0n27	2s 5	33n22	14n16	21s18	21s18	24s 1			n.a.

Julian Day Number = 1265407.5, Delta T = 08h22m15s
Ecliptic obliquity = 23°50'38, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'24, Lahiri = -21°11'24 Julian Calendar 1 July 1249 BCE == Greg. Calendar 20 June 1249 BCE

The year -1248 astronomical counting style corresponds to year 1249 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1249 BCE
geocentric

AUGUST 1249 BCE (-1248) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 53 31	26♋27'25	17♉49	8♌43	0♍34	22♋ 1	24♊27	28°R49	2♉49	5°R51	4♌ 8	26°D 1	25♉56	26♏40	n.a.	M 1
T 2	19 57 28	27°25'49	0♒23	10°24	0°47	22°39	24°39	28♐45	2°50	5♈51	4°10	26°R 1	25°53	26°46	n.a.	T 2
W 3	20 1 24	28°24'15	13° 9	12° 4	0°58	23°18	24°51	28°41	2°51	5°51	4°12	26♉ 1	25°50	26°53	n.a.	W 3
T 4	20 5 21	29°22'43	26°10	13°43	1° 8	23°56	25° 3	28°38	2°51	5°50	4°14	26° 1	25°46	27° 0	n.a.	T 4
F 5	20 9 18	0♌21'14	9♓24	15°21	1°15	24°35	25°15	28°34	2°52	5°50	4°16	26° 0	25°43	27° 6	n.a.	F 5
S 6	20 13 14	1°19'46	22°51	16°57	1°20	25°14	25°27	28°31	2°53	5°49	4°19	26° 0	25°40	27°13	n.a.	S 6
S 7	20 17 11	2°18'21	6♈32	18°33	1°22	25°52	25°39	28°27	2°54	5°49	4°21	25°59	25°37	27°20	n.a.	S 7
M 8	20 21 7	3°16'58	20°24	20° 8	1°R23	26°31	25°51	28°24	2°54	5°48	4°23	25°59	25°34	27°27	n.a.	M 8
T 9	20 25 4	4°15'37	4♉27	21°41	1°21	27° 9	26° 3	28°21	2°55	5°47	4°25	25°D59	25°30	27°33	n.a.	T 9
W10	20 29 0	5°14'19	18°40	23°14	1°17	27°48	26°14	28°18	2°56	5°47	4°27	25°59	25°27	27°40	n.a.	W10
T 11	20 32 57	6°13'04	2♊59	24°45	1°10	28°27	26°26	28°15	2°56	5°46	4°29	25°59	25°24	27°47	n.a.	T 11
F 12	20 36 53	7°11'51	17°23	26°15	1° 1	29° 6	26°38	28°12	2°57	5°46	4°32	26° 0	25°21	27°53	n.a.	F 12
S 13	20 40 50	8°10'40	1♋47	27°45	0°50	29°44	26°49	28° 9	2°57	5°45	4°34	26° 1	25°18	28° 0	n.a.	S 13
S 14	20 44 46	9° 9'32	16° 7	29°13	0°36	0♌23	27° 1	28° 6	2°57	5°44	4°36	26° 2	25°15	28° 7	n.a.	S 14
M15	20 48 43	10° 8'26	0♌18	0♍40	0°20	1° 2	27°12	28° 3	2°58	5°43	4°38	26°R 2	25°11	28°14	n.a.	M15
T 16	20 52 40	11° 7'22	14°16	2° 7	0° 2	1°40	27°23	28° 0	2°58	5°42	4°40	26° 1	25° 8	28°20	n.a.	T 16
W17	20 56 36	12° 6'20	27°57	3°32	29♌41	2°19	27°34	27°58	2°58	5°42	4°42	26° 0	25° 5	28°27	n.a.	W17
T 18	21 0 33	13° 5'20	11♍20	4°56	29°18	2°58	27°45	27°55	2°58	5°41	4°45	25°58	25° 2	28°34	n.a.	T 18
F 19	21 4 29	14° 4'22	24°22	6°18	28°53	3°37	27°56	27°53	2°58	5°40	4°47	25°55	24°59	28°40	n.a.	F 19
S 20	21 8 26	15° 3'26	7♎ 4	7°40	28°27	4°16	28° 7	27°51	2°R58	5°39	4°49	25°52	24°56	28°47	n.a.	S 20
S 21	21 12 22	16° 2'32	19°28	9° 0	27°58	4°55	28°18	27°48	2°58	5°38	4°51	25°50	24°52	28°54	n.a.	S 21
M22	21 16 19	17° 1'40	1♏38	10°20	27°28	5°33	28°29	27°46	2°58	5°37	4°53	25°48	24°49	29° 0	n.a.	M22
T 23	21 20 15	18° 0'50	13°37	11°37	26°56	6°12	28°40	27°44	2°58	5°36	4°55	25°D47	24°46	29° 7	n.a.	T 23
W24	21 24 12	19° 0'02	25°30	12°54	26°23	6°51	28°50	27°42	2°58	5°35	4°57	25°47	24°43	29°14	n.a.	W24
T 25	21 28 9	19°59'16	7♐22	14° 9	25°48	7°30	29° 1	27°40	2°58	5°34	5° 0	25°48	24°40	29°21	n.a.	T 25
F 26	21 32 5	20°58'32	19°17	15°22	25°13	8° 9	29°11	27°38	2°57	5°33	5° 2	25°50	24°36	29°27	n.a.	F 26
S 27	21 36 2	21°57'50	1♑21	16°34	24°37	8°48	29°22	27°37	2°57	5°32	5° 4	25°52	24°33	29°34	n.a.	S 27
S 28	21 39 58	22°57'10	13°36	17°44	24° 1	9°27	29°32	27°35	2°57	5°31	5° 6	25°53	24°30	29°41	n.a.	S 28
M29	21 43 55	23°56'32	26° 7	18°52	23°24	10° 6	29°42	27°33	2°56	5°29	5° 8	25°R54	24°27	29°47	n.a.	M29
T 30	21 47 51	24°55'56	8♒55	19°58	22°48	10°45	29°52	27°32	2°56	5°28	5°10	25°53	24°24	29°54	n.a.	T 30
W31	21 51 48	25♌55'22	22♒ 2	21♍ 2	22♌11	11♌24	0♋ 2	27♐31	2♉55	5♈27	5♌12	25♉51	24♉21	0♐ 1	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21n13	23s23	0s45	19n29	1n 9	6n38	5s10	23n10	1n10	23n58	0n15	24s10	0s19	12n18	0s22	0n27	2s 5	33n21	14n16	21s18	21s19	24s 2			n.a.
T 2	21 2	20 1	0n24	18 56	1 3	6 22	5 22	23 3	1 10	23 59	0 15	24 10	0 19	12 19	0 22	0 27	2 5	33 20	14 16	21 18	21 20	24 3			n.a.
W 3	20 50	15 39	1 34	18 23	0 57	6 7	5 34	22 57	1 10	23 59	0 15	24 10	0 19	12 19	0 22	0 27	2 5	33 20	14 16	21 18	21 20	24 4			n.a.
T 4	20 38	10 31	2 39	17 48	0 51	5 53	5 46	22 50	1 10	24 0	0 15	24 10	0 19	12 19	0 22	0 26	2 5	33 19	14 16	21 18	21 21	24 6			n.a.
F 5	20 25	4 49	3 38	17 13	0 45	5 39	5 57	22 43	1 10	24 1	0 15	24 10	0 20	12 20	0 22	0 26	2 6	33 19	14 16	21 18	21 21	24 7			n.a.
S 6	20 12	1n10	4 25	16 38	0 38	5 27	6 9	22 36	1 10	24 1	0 15	24 10	0 20	12 20	0 22	0 26	2 6	33 18	14 16	21 18	21 22	24 8			n.a.
S 7	19 59	7 12	4 59	16 1	0 32	5 15	6 21	22 29	1 10	24 2	0 15	24 10	0 20	12 20	0 22	0 26	2 6	33 18	14 16	21 18	21 23	24 9			n.a.
M 8	19 45	12 57	5 15	15 25	0 25	5 4	6 32	22 22	1 11	24 2	0 15	24 10	0 20	12 20	0 22	0 25	2 6	33 17	14 16	21 19	21 23	24 10			n.a.
T 9	19 31	18 7	5 13	14 48	0 18	4 54	6 43	22 14	1 11	24 3	0 16	24 10	0 20	12 21	0 22	0 25	2 6	33 17	14 16	21 19	21 24	24 11			n.a.
W10	19 17	22 21	4 52	14 10	0 11	4 45	6 55	22 6	1 11	24 3	0 16	24 10	0 20	12 21	0 22	0 25	2 6	33 16	14 17	21 19	21 24	24 13			n.a.
T 11	19 2	25 15	4 13	13 33	0 4	4 37	7 5	21 58	1 11	24 4	0 16	24 10	0 20	12 21	0 22	0 24	2 6	33 16	14 17	21 18	21 25	24 14			n.a.
F 12	18 47	26 31	3 18	12 55	0s 4	4 30	7 16	21 50	1 11	24 4	0 16	24 10	0 20	12 21	0 22	0 24	2 6	33 15	14 17	21 18	21 26	24 15			n.a.
S 13	18 32	26 0	2 10	12 17	0 11	4 25	7 27	21 42	1 11	24 4	0 16	24 10	0 20	12 21	0 22	0 24	2 6	33 15	14 17	21 18	21 26	24 16			n.a.
S 14	18 16	23 45	0 55	11 39	0 19	4 20	7 37	21 34	1 11	24 5	0 16	24 10	0 20	12 21	0 22	0 23	2 6	33 14	14 17	21 18	21 27	24 17			n.a.
M15	18 0	20 3	0s24	11 1	0 26	4 17	7 46	21 25	1 11	24 5	0 16	24 10	0 20	12 21	0 22	0 23	2 6	33 14	14 17	21 18	21 27	24 18			n.a.
T 16	17 44	15 15	1 39	10 22	0 34	4 15	7 55	21 16	1 11	24 6	0 17	24 10	0 20	12 22	0 22	0 23	2 6	33 13	14 17	21 18	21 28	24 19			n.a.
W17	17 27	9 46	2 47	9 44	0 42	4 14	8 4	21 7	1 11	24 6	0 17	24 10	0 20	12 22	0 22	0 22	2 6	33 13	14 17	21 18	21 29	24 20			n.a.
T 18	17 10	3 59	3 45	9 6	0 50	4 14	8 12	20 58	1 11	24 6	0 17	24 10	0 20	12 22	0 22	0 22	2 6	33 12	14 17	21 19	21 29	24 21			n.a.
F 19	16 53	1s49	4 29	8 28	0 57	4 15	8 19	20 49	1 11	24 7	0 17	24 10	0 21	12 22	0 22	0 21	2 6	33 12	14 17	21 19	21 30	24 22			n.a.
S 20	16 36	7 24	4 58	7 50	1 5	4 18	8 26	20 40	1 11	24 7	0 17	24 10	0 21	12 22	0 22	0 21	2 6	33 11	14 18	21 20	21 30	24 23			n.a.
S 21	16 18	12 33	5 13	7 12	1 13	4 22	8 32	20 30	1 11	24 7	0 17	24 10	0 21	12 22	0 22	0 21	2 7	33 11	14 18	21 20	21 31	24 25			n.a.
M22	16 0	17 7	5 13	6 35	1 21	4 28	8 38	20 21	1 11	24 8	0 17	24 10	0 21	12 22	0 22	0 20	2 7	33 10	14 18	21 21	21 32	24 26			n.a.
T 23	15 41	20 57	5 0	5 58	1 29	4 34	8 42	20 11	1 11	24 8	0 18	24 10	0 21	12 22	0 22	0 20	2 7	33 10	14 18	21 21	21 32	24 27			n.a.
W24	15 23	23 53	4 34	5 21	1 36	4 42	8 46	20 1	1 11	24 8	0 18	24 10	0 21	12 21	0 22	0 19	2 7	33 10	14 18	21 21	21 33	24 28			n.a.
T 25	15 4	25 47	3 56	4 45	1 44	4 51	8 48	19 51	1 11	24 8	0 18	24 10	0 21	12 21	0 22	0 19	2 7	33 9	14 18	21 21	21 33	24 29			n.a.
F 26	14 45	26 31	3 8	4 9	1 51	5 1	8 50	19 41	1 11	24 8	0 18	24 10	0 21	12 21	0 22	0 18	2 7	33 9	14 18	21 20	21 34	24 30			n.a.
S 27	14 25	26 1	2 11	3 34	1 59	5 12	8 51	19 30	1 11	24 9	0 18	24 10	0 21	12 21	0 22	0 18	2 7	33 8	14 19	21 20	21 34	24 31			n.a.
S 28	14 6	24 15	1 7	3 0	2 6	5 24	8 51	19 20	1 11	24 9	0 18	24 10	0 21	12 21	0 22	0 17	2 7	33 8	14 19	21 20	21 35	24 32			n.a.
M29	13 46	21 16	0n 1	2 26	2 13	5 37	8 50	19 9	1 11	24 9	0 18	24 10	0 21	12 21	0 22	0 17	2 7	33 8	14 19	21 19	21 36	24 33			n.a.
T 30	13 26	17 12	1 11	1 54	2 20	5 50	8 48	18 58	1 11	24 9	0 19	24 10	0 21	12 21	0 22	0 16	2 7	33 7	14 19	21 20	21 36	24 34			n.a.
W31	13n 5	12s14	2n18	1n22	2s27	6n 5	8s45	18n47	1n11	24n 9	0n19	24s10	0s21	12n20	0s22	0n16	2s 7	33n 7	14n19	21s20	21s37	24s35			n.a.

Julian Day Number = 1265438.5, Delta T = 08h22m13s
Ecliptic obliquity = 23°50'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'20, Lahiri = -21°11'20 Julian Calendar 1 Aug. 1249 BCE == Greg. Calendar 21 July 1249 BCE

The year -1248 astronomical counting style corresponds to year 1249 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1249 BCE
geocentric

SEPTEMBER 1249 BCE (-1248) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 55 44	26♌54'50	5♓27	22♍ 3	21°R35	12♌ 3	0♋12	27°R30	2°R55	5°R26	5♌14	25°R47	24♑17	0♐ 7	n.a.	T 1
F 2	21 59 41	27°54'20	19° 8	23° 2	21♌ 0	12°42	0°22	27♐28	2♉54	5♈25	5°16	25♑43	24°14	0°14	n.a.	F 2
S 3	22 3 37	28°53'52	3♈ 2	23°58	20°26	13°21	0°31	27°27	2°53	5°23	5°18	25°37	24°11	0°21	n.a.	S 3
S 4	22 7 34	29°53'27	17° 6	24°51	19°54	14° 0	0°41	27°26	2°53	5°22	5°20	25°32	24° 8	0°27	n.a.	S 4
M 5	22 11 31	0♍53'04	1♉16	25°40	19°22	14°39	0°50	27°26	2°52	5°21	5°22	25°28	24° 5	0°34	n.a.	M 5
T 6	22 15 27	1°52'44	15°28	26°26	18°52	15°19	1° 0	27°25	2°51	5°19	5°24	25°25	24° 1	0°41	n.a.	T 6
W 7	22 19 24	2°52'26	29°40	27° 8	18°24	15°58	1° 9	27°24	2°50	5°18	5°26	25°D24	23°58	0°48	n.a.	W 7
T 8	22 23 20	3°52'11	13♊49	27°45	17°58	16°37	1°18	27°24	2°49	5°17	5°28	25°24	23°55	0°54	n.a.	T 8
F 9	22 27 17	4°51'58	27°53	28°17	17°34	17°16	1°27	27°23	2°48	5°15	5°30	25°26	23°52	1° 1	n.a.	F 9
S 10	22 31 13	5°51'48	11♋53	28°43	17°12	17°55	1°36	27°23	2°47	5°14	5°32	25°27	23°49	1° 8	n.a.	S 10
S 11	22 35 10	6°51'40	25°45	29° 4	16°53	18°35	1°45	27°23	2°46	5°12	5°34	25°R28	23°46	1°14	n.a.	S 11
M12	22 39 6	7°51'34	9♌29	29°18	16°35	19°14	1°53	27°23	2°45	5°11	5°36	25°27	23°42	1°21	n.a.	M12
T 13	22 43 3	8°51'31	23° 3	29°R25	16°20	19°53	2° 2	27°D23	2°44	5° 9	5°38	25°24	23°39	1°28	n.a.	T 13
W14	22 46 59	9°51'29	6♍24	29°24	16° 8	20°33	2°10	27°23	2°43	5° 8	5°40	25°19	23°36	1°34	n.a.	W14
T 15	22 50 56	10°51'30	19°32	29°15	15°58	21°12	2°18	27°23	2°41	5° 6	5°42	25°11	23°33	1°41	n.a.	T 15
F 16	22 54 53	11°51'32	2♎24	28°57	15°50	21°51	2°27	27°23	2°40	5° 5	5°44	25° 3	23°30	1°48	n.a.	F 16
S 17	22 58 49	12°51'37	15° 1	28°31	15°45	22°31	2°35	27°24	2°39	5° 3	5°45	24°54	23°27	1°55	n.a.	S 17
S 18	23 2 46	13°51'43	27°22	27°55	15°42	23°10	2°42	27°24	2°37	5° 2	5°47	24°45	23°23	2° 1	n.a.	S 18
M19	23 6 42	14°51'52	9♏31	27°10	15°D42	23°50	2°50	27°25	2°36	5° 0	5°49	24°38	23°20	2° 8	n.a.	M19
T 20	23 10 39	15°52'02	21°29	26°16	15°44	24°29	2°58	27°25	2°34	4°59	5°51	24°33	23°17	2°15	n.a.	T 20
W21	23 14 35	16°52'14	3♐20	25°15	15°48	25° 9	3° 5	27°26	2°33	4°57	5°53	24°30	23°14	2°21	n.a.	W21
T 22	23 18 32	17°52'27	15°10	24° 6	15°55	25°48	3°13	27°27	2°31	4°55	5°54	24°D28	23°11	2°28	n.a.	T 22
F 23	23 22 28	18°52'43	27° 4	22°52	16° 4	26°28	3°20	27°28	2°30	4°54	5°56	24°29	23° 7	2°35	n.a.	F 23
S 24	23 26 25	19°53'00	9♑ 6	21°35	16°15	27° 7	3°27	27°29	2°28	4°52	5°58	24°30	23° 4	2°41	n.a.	S 24
S 25	23 30 22	20°53'18	21°22	20°17	16°28	27°47	3°34	27°31	2°26	4°51	5°59	24°R30	23° 1	2°48	n.a.	S 25
M26	23 34 18	21°53'38	3♒56	19° 0	16°43	28°26	3°40	27°32	2°25	4°49	6° 1	24°30	22°58	2°55	n.a.	M26
T 27	23 38 15	22°54'00	16°52	17°47	17° 1	29° 6	3°47	27°33	2°23	4°47	6° 3	24°28	22°55	3° 1	n.a.	T 27
W28	23 42 11	23°54'24	0♓13	16°40	17°20	29°45	3°53	27°35	2°21	4°46	6° 4	24°23	22°52	3° 8	n.a.	W28
T 29	23 46 8	24°54'49	13°58	15°41	17°42	0♍25	4° 0	27°36	2°19	4°44	6° 6	24°15	22°48	3°15	n.a.	T 29
F 30	23 50 4	25♍55'16	28♓ 4	14♍52	18♌ 5	1♍ 5	4♋ 6	27♐38	2♉17	4♈42	6♌ 7	24♑ 6	22♑45	3♐22	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n45	6s35	3n19	0n51	2s34	6n20	8s41	18n36	1n11	24n10	0n19	24s10	0s21	12n20	0s22	0n15	2s 7	33n 7	14n20	21s21	21s37	24s36		n.a.
F 2	12 24	0 33	4 10	0 22	2 40	6 35	8 36	18 25	1 11	24 10	0 19	24 11	0 21	12 20	0 22	0 15	2 7	33 6	14 20	21 22	21 38	24 37		n.a.
S 3	12 3	5n37	4 47	0s 6	2 46	6 51	8 30	18 13	1 11	24 10	0 19	24 11	0 21	12 20	0 22	0 14	2 7	33 6	14 20	21 23	21 38	24 38		n.a.
S 4	11 42	11 33	5 8	0 32	2 51	7 8	8 24	18 2	1 11	24 10	0 19	24 11	0 21	12 20	0 22	0 14	2 7	33 6	14 20	21 24	21 39	24 39		n.a.
M 5	11 21	16 56	5 10	0 57	2 57	7 24	8 16	17 50	1 11	24 10	0 20	24 11	0 22	12 19	0 22	0 13	2 7	33 5	14 21	21 24	21 40	24 39		n.a.
T 6	10 59	21 24	4 52	1 20	3 1	7 41	8 8	17 39	1 11	24 10	0 20	24 11	0 22	12 19	0 22	0 12	2 7	33 5	14 21	21 25	21 40	24 40		n.a.
W 7	10 37	24 36	4 17	1 40	3 6	7 58	7 59	17 27	1 11	24 10	0 20	24 11	0 22	12 19	0 22	0 12	2 7	33 5	14 21	21 25	21 41	24 41		n.a.
T 8	10 15	26 16	3 27	1 58	3 9	8 15	7 50	17 15	1 11	24 10	0 20	24 11	0 22	12 18	0 22	0 11	2 7	33 4	14 21	21 25	21 41	24 42		n.a.
F 9	9 53	26 14	2 24	2 14	3 12	8 32	7 40	17 2	1 11	24 10	0 20	24 11	0 22	12 18	0 22	0 11	2 7	33 4	14 22	21 25	21 42	24 43		n.a.
S 10	9 31	24 31	1 13	2 27	3 14	8 49	7 29	16 50	1 11	24 10	0 20	24 11	0 22	12 18	0 22	0 10	2 7	33 4	14 22	21 25	21 42	24 44		n.a.
S 11	9 8	21 20	0s 2	2 36	3 15	9 5	7 18	16 38	1 11	24 10	0 21	24 11	0 22	12 17	0 22	0 9	2 7	33 4	14 22	21 24	21 43	24 45		n.a.
M12	8 46	16 58	1 15	2 42	3 16	9 21	7 7	16 25	1 11	24 11	0 21	24 11	0 22	12 17	0 22	0 9	2 8	33 3	14 23	21 25	21 43	24 46		n.a.
T 13	8 23	11 49	2 24	2 44	3 15	9 37	6 55	16 13	1 10	24 11	0 21	24 11	0 22	12 16	0 23	0 8	2 8	33 3	14 23	21 25	21 44	24 47		n.a.
W14	8 0	6 11	3 23	2 42	3 13	9 52	6 43	16 0	1 10	24 11	0 21	24 11	0 22	12 16	0 23	0 8	2 8	33 3	14 23	21 26	21 45	24 48		n.a.
T 15	7 37	0 23	4 10	2 35	3 9	10 7	6 30	15 47	1 10	24 11	0 21	24 11	0 22	12 16	0 23	0 7	2 8	33 3	14 23	21 27	21 45	24 49		n.a.
F 16	7 14	5s18	4 44	2 23	3 4	10 21	6 18	15 34	1 10	24 11	0 21	24 11	0 22	12 15	0 23	0 6	2 8	33 3	14 24	21 29	21 46	24 49		n.a.
S 17	6 51	10 38	5 2	2 6	2 58	10 35	6 5	15 21	1 10	24 11	0 22	24 11	0 22	12 15	0 23	0 6	2 8	33 2	14 24	21 31	21 46	24 50		n.a.
S 18	6 27	15 28	5 7	1 44	2 49	10 48	5 52	15 8	1 10	24 11	0 22	24 11	0 22	12 14	0 23	0 5	2 8	33 2	14 24	21 32	21 47	24 51		n.a.
M19	6 4	19 35	4 57	1 17	2 39	11 0	5 39	14 54	1 10	24 11	0 22	24 11	0 22	12 14	0 23	0 4	2 8	33 2	14 25	21 34	21 47	24 52		n.a.
T 20	5 40	22 50	4 34	0 44	2 27	11 12	5 26	14 41	1 10	24 11	0 22	24 11	0 22	12 13	0 23	0 4	2 8	33 2	14 25	21 34	21 48	24 53		n.a.
W21	5 16	25 6	4 0	0 6	2 13	11 23	5 13	14 27	1 10	24 11	0 22	24 11	0 22	12 13	0 23	0 3	2 8	33 2	14 25	21 35	21 48	24 54		n.a.
T 22	4 52	26 14	3 15	0n36	1 57	11 34	5 0	14 14	1 10	24 11	0 22	24 12	0 22	12 12	0 23	0 2	2 8	33 2	14 26	21 35	21 49	24 55		n.a.
F 23	4 28	26 10	2 22	1 22	1 39	11 43	4 47	14 0	1 10	24 11	0 23	24 12	0 22	12 11	0 23	0 2	2 8	33 2	14 26	21 35	21 49	24 55		n.a.
S 24	4 4	24 53	1 22	2 10	1 20	11 53	4 34	13 46	1 10	24 11	0 23	24 12	0 22	12 11	0 23	0 1	2 8	33 1	14 27	21 35	21 50	24 56		n.a.
S 25	3 40	22 24	0 17	3 0	1 0	12 1	4 21	13 32	1 10	24 11	0 23	24 12	0 23	12 10	0 23	0 0	2 8	33 1	14 27	21 35	21 51	24 57		n.a.
M26	3 16	18 47	0n50	3 49	0 40	12 8	4 9	13 18	1 9	24 11	0 23	24 12	0 23	12 10	0 23	0s 0	2 8	33 1	14 27	21 35	21 51	24 58		n.a.
T 27	2 52	14 11	1 57	4 37	0 19	12 15	3 56	13 4	1 9	24 11	0 23	24 12	0 23	12 9	0 23	0 1	2 8	33 1	14 28	21 35	21 52	24 59		n.a.
W28	2 28	8 48	2 59	5 22	0n 1	12 21	3 44	12 50	1 9	24 11	0 24	24 12	0 23	12 8	0 23	0 2	2 8	33 1	14 28	21 36	21 52	24 59		n.a.
T 29	2 3	2 51	3 52	6 3	0 21	12 26	3 32	12 35	1 9	24 11	0 24	24 12	0 23	12 8	0 23	0 2	2 8	33 1	14 28	21 38	21 53	25 0		n.a.
F 30	1n39	3n23	4n33	6n40	0n39	12n31	3s19	12n21	1n 9	24n11	0n24	24s12	0s23	12n 7	0s23	0s 3	2s 8	33n 1	14n29	21s39	21s53	25s 1		n.a.

Julian Day Number = 1265469.5, Delta T = 08h22m11s
Ecliptic obliquity = 23°50'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'16, Lahiri = -21°11'16 Julian Calendar 1 Sept. 1249 BCE == Greg. Calendar 21 Aug. 1249 BCE

The year -1248 astronomical counting style corresponds to year 1249 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1249 BCE
geocentric

OCTOBER 1249 BCE (-1248) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 54 1	26♍55'44	12♈27	14°R14	18♌30	1♍44	4♋12	27♐40	2°R15	4°R41	6♌ 9	23°R56	22♑42	3♐28	n.a.	S 1
S 2	23 57 57	27°56'15	27° 1	13♍47	18°56	2°24	4°18	27°42	2♉13	4♈39	6°10	23♑46	22°39	3°35	n.a.	S 2
M 3	0 1 54	28°56'47	11♉37	13°32	19°25	3° 4	4°23	27°44	2°11	4°37	6°12	23°37	22°36	3°42	n.a.	M 3
T 4	0 5 50	29°57'21	26°10	13°D29	19°55	3°44	4°29	27°46	2° 9	4°36	6°13	23°30	22°33	3°48	n.a.	T 4
W 5	0 9 47	0♎57'58	10♊34	13°37	20°27	4°24	4°34	27°48	2° 7	4°34	6°15	23°26	22°29	3°55	n.a.	W 5
T 6	0 13 44	1°58'36	24°46	13°55	21° 0	5° 3	4°39	27°51	2° 5	4°32	6°16	23°24	22°26	4° 2	n.a.	T 6
F 7	0 17 40	2°59'17	8♋44	14°23	21°35	5°43	4°44	27°53	2° 3	4°30	6°18	23°D24	22°23	4° 8	n.a.	F 7
S 8	0 21 37	3°59'59	22°29	14°59	22°11	6°23	4°49	27°56	2° 1	4°29	6°19	23°R24	22°20	4°15	n.a.	S 8
S 9	0 25 33	5° 0'43	6♌ 1	15°44	22°48	7° 3	4°54	27°58	1°59	4°27	6°20	23°24	22°17	4°22	n.a.	S 9
M10	0 29 30	6° 1'29	19°22	16°35	23°27	7°43	4°59	28° 1	1°57	4°25	6°22	23°21	22°13	4°28	n.a.	M10
T 11	0 33 26	7° 2'16	2♍31	17°32	24° 7	8°23	5° 3	28° 4	1°54	4°24	6°23	23°16	22°10	4°35	n.a.	T 11
W12	0 37 23	8° 3'05	15°30	18°35	24°48	9° 3	5° 7	28° 7	1°52	4°22	6°24	23° 7	22° 7	4°42	n.a.	W12
T 13	0 41 19	9° 3'56	28°18	19°43	25°30	9°43	5°11	28°10	1°50	4°20	6°25	22°56	22° 4	4°48	n.a.	T 13
F 14	0 45 16	10° 4'48	10♎54	20°54	26°13	10°23	5°15	28°13	1°47	4°19	6°27	22°43	22° 1	4°55	n.a.	F 14
S 15	0 49 13	11° 5'42	23°19	22° 9	26°58	11° 3	5°18	28°16	1°45	4°17	6°28	22°28	21°58	5° 2	n.a.	S 15
S 16	0 53 9	12° 6'37	5♏33	23°26	27°43	11°43	5°22	28°19	1°43	4°15	6°29	22°14	21°54	5° 9	n.a.	S 16
M17	0 57 6	13° 7'33	17°37	24°47	28°30	12°23	5°25	28°23	1°40	4°14	6°30	22° 2	21°51	5°15	n.a.	M17
T 18	1 1 2	14° 8'30	29°32	26° 9	29°17	13° 3	5°28	28°26	1°38	4°12	6°31	21°52	21°48	5°22	n.a.	T 18
W19	1 4 59	15° 9'29	11♐21	27°33	0♍ 6	13°43	5°31	28°30	1°36	4°10	6°32	21°45	21°45	5°29	n.a.	W19
T 20	1 8 55	16°10'28	23° 9	28°59	0°55	14°23	5°34	28°33	1°33	4° 9	6°33	21°41	21°42	5°35	n.a.	T 20
F 21	1 12 52	17°11'29	5♑ 0	0♎26	1°45	15° 3	5°36	28°37	1°31	4° 7	6°34	21°39	21°38	5°42	n.a.	F 21
S 22	1 16 48	18°12'30	16°58	1°53	2°36	15°44	5°39	28°41	1°28	4° 5	6°35	21°39	21°35	5°49	n.a.	S 22
S 23	1 20 45	19°13'32	29°10	3°22	3°27	16°24	5°41	28°45	1°26	4° 4	6°36	21°39	21°32	5°55	n.a.	S 23
M24	1 24 42	20°14'35	11♒41	4°52	4°20	17° 4	5°43	28°49	1°23	4° 2	6°37	21°38	21°29	6° 2	n.a.	M24
T 25	1 28 38	21°15'39	24°37	6°22	5°13	17°44	5°45	28°53	1°21	4° 0	6°38	21°35	21°26	6° 9	n.a.	T 25
W26	1 32 35	22°16'43	7♓59	7°53	6° 6	18°25	5°46	28°57	1°18	3°59	6°39	21°29	21°23	6°15	n.a.	W26
T 27	1 36 31	23°17'48	21°51	9°24	7° 1	19° 5	5°48	29° 1	1°16	3°57	6°40	21°21	21°19	6°22	n.a.	T 27
F 28	1 40 28	24°18'54	6♈11	10°55	7°56	19°45	5°49	29° 6	1°13	3°56	6°40	21°10	21°16	6°29	n.a.	F 28
S 29	1 44 24	25°20'01	20°53	12°27	8°52	20°26	5°50	29°10	1°11	3°54	6°41	20°58	21°13	6°35	n.a.	S 29
S 30	1 48 21	26°21'09	5♉50	13°59	9°48	21° 6	5°51	29°15	1° 8	3°52	6°42	20°46	21°10	6°42	n.a.	S 30
M31	1 52 17	27♎22'17	20♉53	15♎31	10♍45	21♍46	5♋51	29♐19	1♉ 6	3♈51	6♌42	20♑35	21♑ 7	6♐49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n14	9n33	4n57	7n11	0n57	12n34	3s 8	12n 6	1n 9	24n11	0n24	24s12	0s23	12n 6	0s23	0s 4	2s 8	33n 1	14n29	21s41	21s54	25s 2		n.a.
S 2	0 50	15 16	5 2	7 35	1 12	12 37	2 56	11 52	1 9	24 11	0 24	24 12	0 23	12 6	0 23	0 4	2 8	33 1	14 30	21 43	21 54	25 2		n.a.
M 3	0 26	20 8	4 48	7 54	1 26	12 39	2 44	11 37	1 9	24 11	0 24	24 12	0 23	12 5	0 23	0 5	2 8	33 1	14 30	21 44	21 55	25 3		n.a.
T 4	0 1	23 45	4 16	8 6	1 38	12 40	2 33	11 22	1 9	24 11	0 25	24 12	0 23	12 4	0 23	0 6	2 8	33 1	14 31	21 46	21 55	25 4		n.a.
W 5	0s23	25 49	3 27	8 13	1 48	12 41	2 22	11 7	1 8	24 11	0 25	24 13	0 23	12 4	0 23	0 7	2 8	33 1	14 31	21 46	21 56	25 5		n.a.
T 6	0 48	26 10	2 26	8 13	1 57	12 41	2 11	10 52	1 8	24 11	0 25	24 13	0 23	12 3	0 23	0 7	2 8	33 1	14 31	21 47	21 56	25 5		n.a.
F 7	1 12	24 50	1 17	8 9	2 4	12 39	2 0	10 37	1 8	24 11	0 25	24 13	0 23	12 2	0 23	0 8	2 8	33 1	14 32	21 47	21 57	25 6		n.a.
S 8	1 37	22 1	0 5	8 0	2 9	12 38	1 50	10 22	1 8	24 11	0 25	24 13	0 23	12 1	0 23	0 9	2 8	33 1	14 32	21 47	21 57	25 7		n.a.
S 9	2 1	18 1	1s 6	7 46	2 14	12 35	1 39	10 7	1 8	24 11	0 26	24 13	0 23	12 1	0 23	0 9	2 8	33 1	14 33	21 47	21 58	25 8		n.a.
M10	2 26	13 10	2 13	7 28	2 16	12 32	1 29	9 52	1 8	24 11	0 26	24 13	0 23	12 0	0 23	0 10	2 8	33 1	14 33	21 47	21 59	25 8		n.a.
T 11	2 50	7 47	3 11	7 7	2 18	12 28	1 19	9 36	1 7	24 11	0 26	24 13	0 23	11 59	0 23	0 11	2 8	33 1	14 34	21 48	21 59	25 9		n.a.
W12	3 15	2 9	3 59	6 42	2 19	12 23	1 10	9 21	1 7	24 11	0 26	24 13	0 23	11 58	0 23	0 11	2 8	33 1	14 34	21 50	22 0	25 10		n.a.
T 13	3 39	3s29	4 33	6 15	2 18	12 17	1 0	9 5	1 7	24 11	0 26	24 13	0 23	11 57	0 23	0 12	2 8	33 1	14 35	21 51	22 0	25 10		n.a.
F 14	4 3	8 52	4 54	5 46	2 17	12 11	0 51	8 50	1 7	24 11	0 27	24 13	0 23	11 57	0 23	0 13	2 8	33 1	14 35	21 54	22 1	25 11		n.a.
S 15	4 28	13 50	5 0	5 14	2 15	12 4	0 42	8 34	1 7	24 11	0 27	24 13	0 23	11 56	0 23	0 13	2 8	33 2	14 35	21 56	22 1	25 12		n.a.
S 16	4 52	18 10	4 52	4 40	2 13	11 57	0 34	8 19	1 7	24 11	0 27	24 13	0 23	11 55	0 23	0 14	2 8	33 2	14 36	21 58	22 2	25 12		n.a.
M17	5 16	21 42	4 31	4 5	2 9	11 48	0 25	8 3	1 6	24 11	0 27	24 14	0 24	11 54	0 23	0 15	2 8	33 2	14 36	22 0	22 2	25 13		n.a.
T 18	5 40	24 16	3 59	3 28	2 6	11 39	0 17	7 47	1 6	24 11	0 28	24 14	0 24	11 53	0 23	0 15	2 8	33 2	14 37	22 2	22 3	25 14		n.a.
W19	6 4	25 45	3 16	2 50	2 1	11 30	0 9	7 31	1 6	24 11	0 28	24 14	0 24	11 52	0 23	0 16	2 8	33 2	14 37	22 3	22 3	25 14		n.a.
T 20	6 28	26 4	2 25	2 12	1 57	11 19	0 1	7 15	1 6	24 11	0 28	24 14	0 24	11 52	0 23	0 17	2 8	33 2	14 38	22 4	22 4	25 15		n.a.
F 21	6 52	25 12	1 27	1 32	1 52	11 8	0n 7	6 59	1 6	24 11	0 28	24 14	0 24	11 51	0 23	0 17	2 8	33 3	14 38	22 4	22 4	25 16		n.a.
S 22	7 15	23 9	0 25	0 52	1 47	10 57	0 14	6 43	1 5	24 12	0 28	24 14	0 24	11 50	0 23	0 18	2 8	33 3	14 39	22 4	22 5	25 16		n.a.
S 23	7 39	20 1	0n40	0 11	1 41	10 45	0 22	6 27	1 5	24 12	0 29	24 14	0 24	11 49	0 23	0 19	2 8	33 3	14 39	22 4	22 5	25 17		n.a.
M24	8 2	15 54	1 44	0s31	1 35	10 32	0 29	6 11	1 5	24 12	0 29	24 14	0 24	11 48	0 23	0 19	2 8	33 3	14 40	22 4	22 6	25 17		n.a.
T 25	8 26	10 57	2 45	1 12	1 29	10 18	0 36	5 55	1 5	24 12	0 29	24 14	0 24	11 47	0 23	0 20	2 8	33 4	14 40	22 5	22 6	25 18		n.a.
W26	8 49	5 20	3 39	1 54	1 23	10 4	0 42	5 39	1 5	24 12	0 29	24 14	0 24	11 46	0 23	0 20	2 8	33 4	14 41	22 6	22 7	25 19		n.a.
T 27	9 12	0n43	4 22	2 37	1 17	9 50	0 49	5 23	1 4	24 12	0 29	24 14	0 24	11 45	0 23	0 21	2 8	33 4	14 41	22 7	22 7	25 19		n.a.
F 28	9 35	6 55	4 50	3 19	1 10	9 35	0 55	5 6	1 4	24 12	0 30	24 14	0 24	11 45	0 23	0 22	2 8	33 4	14 42	22 9	22 8	25 20		n.a.
S 29	9 58	12 54	5 0	4 1	1 4	9 19	1 1	4 50	1 4	24 13	0 30	24 15	0 24	11 44	0 23	0 22	2 8	33 5	14 42	22 11	22 8	25 20		n.a.
S 30	10 20	18 14	4 50	4 44	0 57	9 3	1 7	4 33	1 4	24 13	0 30	24 15	0 24	11 43	0 23	0 23	2 8	33 5	14 43	22 13	22 9	25 21		n.a.
M31	10s43	22n27	4n20	5s26	0n50	8n46	1n12	4n17	1n 3	24n13	0n30	24s15	0s24	11n42	0s23	0s23	2s 8	33n 5	14n43	22s14	22s 9	25s21		n.a.

Julian Day Number = 1265499.5, Delta T = 08h22m10s
Ecliptic obliquity = 23°50'38, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'12, Lahiri = -21°11'11 Julian Calendar 1 Oct. 1249 BCE == Greg. Calendar 20 Sept. 1249 BCE

The year -1248 astronomical counting style corresponds to year 1249 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1249 BCE
geocentric

NOVEMBER 1249 BCE (-1248) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 56 14	28♎23'27	5♊52	17♎ 3	11♍43	22♍27	5♋52	29♐24	1°R 3	3°R49	6♌43	20°R27	21♑ 4	6♐56	n.a.	T 1
W 2	2 0 11	29°24'38	20°38	18°36	12°41	23° 7	5°52	29°28	1♉ 1	3♈48	6°44	20♑22	21° 0	7° 2	n.a.	W 2
T 3	2 4 7	0♏25'49	5♋ 5	20° 9	13°40	23°48	5°R52	29°33	0°58	3°46	6°44	20°19	20°57	7° 9	n.a.	T 3
F 4	2 8 4	1°27'02	19°12	21°42	14°39	24°28	5°52	29°38	0°55	3°45	6°45	20°D19	20°54	7°16	n.a.	F 4
S 5	2 12 0	2°28'15	2♌58	23°15	15°38	25° 9	5°51	29°43	0°53	3°44	6°45	20°R19	20°51	7°22	n.a.	S 5
S 6	2 15 57	3°29'30	16°23	24°48	16°39	25°49	5°51	29°48	0°50	3°42	6°46	20°18	20°48	7°29	n.a.	S 6
M 7	2 19 53	4°30'45	29°31	26°21	17°39	26°30	5°50	29°53	0°48	3°41	6°46	20°16	20°44	7°36	n.a.	M 7
T 8	2 23 50	5°32'01	12♍24	27°54	18°40	27°11	5°49	29°58	0°45	3°39	6°47	20°11	20°41	7°42	n.a.	T 8
W 9	2 27 47	6°33'18	25° 5	29°28	19°42	27°51	5°48	0♑ 4	0°43	3°38	6°47	20° 3	20°38	7°49	n.a.	W 9
T 10	2 31 43	7°34'35	7♎35	1♏ 1	20°43	28°32	5°46	0° 9	0°40	3°37	6°47	19°52	20°35	7°56	n.a.	T 10
F 11	2 35 40	8°35'53	19°55	2°35	21°46	29°12	5°45	0°14	0°38	3°35	6°48	19°39	20°32	8° 2	n.a.	F 11
S 12	2 39 36	9°37'11	2♏ 6	4° 9	22°48	29°53	5°43	0°20	0°35	3°34	6°48	19°25	20°29	8° 9	n.a.	S 12
S 13	2 43 33	10°38'30	14°10	5°43	23°51	0♎34	5°41	0°25	0°33	3°33	6°48	19°11	20°25	8°16	n.a.	S 13
M14	2 47 29	11°39'49	26° 7	7°17	24°55	1°15	5°39	0°31	0°30	3°31	6°49	18°59	20°22	8°22	n.a.	M14
T 15	2 51 26	12°41'08	7♐58	8°52	25°58	1°55	5°37	0°36	0°28	3°30	6°49	18°49	20°19	8°29	n.a.	T 15
W16	2 55 22	13°42'27	19°46	10°27	27° 2	2°36	5°34	0°42	0°25	3°29	6°49	18°42	20°16	8°36	n.a.	W16
T 17	2 59 19	14°43'47	1♑33	12° 1	28° 7	3°17	5°31	0°48	0°23	3°28	6°49	18°38	20°13	8°42	n.a.	T 17
F 18	3 3 16	15°45'06	13°23	13°37	29°11	3°58	5°28	0°54	0°20	3°27	6°49	18°D37	20°10	8°49	n.a.	F 18
S 19	3 7 12	16°46'25	25°20	15°12	0♎16	4°39	5°25	0°59	0°18	3°25	6°49	18°37	20° 6	8°56	n.a.	S 19
S 20	3 11 9	17°47'44	7♒30	16°48	1°21	5°19	5°22	1° 5	0°15	3°24	6°R49	18°37	20° 3	9° 2	n.a.	S 20
M21	3 15 5	18°49'02	19°56	18°24	2°27	6° 0	5°18	1°11	0°13	3°23	6°49	18°R38	20° 0	9° 9	n.a.	M21
T 22	3 19 2	19°50'21	2♓45	20° 0	3°32	6°41	5°15	1°17	0°11	3°22	6°49	18°37	19°57	9°16	n.a.	T 22
W23	3 22 58	20°51'38	16° 1	21°37	4°38	7°22	5°11	1°23	0° 8	3°21	6°49	18°34	19°54	9°23	n.a.	W23
T 24	3 26 55	21°52'56	29°47	23°14	5°44	8° 3	5° 7	1°30	0° 6	3°20	6°49	18°29	19°50	9°29	n.a.	T 24
F 25	3 30 52	22°54'13	14♈ 2	24°51	6°51	8°44	5° 3	1°36	0° 4	3°19	6°49	18°21	19°47	9°36	n.a.	F 25
S 26	3 34 48	23°55'29	28°46	26°29	7°58	9°25	4°58	1°42	0° 1	3°18	6°49	18°13	19°44	9°43	n.a.	S 26
S 27	3 38 45	24°56'46	13♉50	28° 7	9° 5	10° 6	4°54	1°48	29♈59	3°17	6°48	18° 4	19°41	9°49	n.a.	S 27
M28	3 42 41	25°58'01	29° 6	29°45	10°12	10°47	4°49	1°55	29°57	3°16	6°48	17°56	19°38	9°56	n.a.	M28
T 29	3 46 38	26°59'17	14♊22	1♐24	11°19	11°28	4°44	2° 1	29°55	3°15	6°48	17°50	19°35	10° 3	n.a.	T 29
W30	3 50 34	28♏ 0'33	29♊29	3♐ 3	12♎27	12♎ 9	4♋39	2♑ 7	29♈52	3♈15	6♌47	17♑46	19♑31	10♐ 9	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 5	25n 7	3n32	6s 8	0n44	8n29	1n18	4n 1	1n 3	24n13	0n31	24s15	0s24	11n41	0s23	0s24	2s 8	33n 5	14n44	22s15	22s10	25s22		n.a.
W 2	11 27	26 0	2 30	6 51	0 37	8 11	1 23	3 44	1 3	24 13	0 31	24 15	0 24	11 40	0 23	0 25	2 8	33 6	14 44	22 16	22 10	25 23		n.a.
T 3	11 49	25 4	1 20	7 32	0 30	7 53	1 28	3 28	1 3	24 14	0 31	24 15	0 24	11 39	0 23	0 25	2 8	33 6	14 45	22 17	22 11	25 23		n.a.
F 4	12 11	22 32	0 6	8 14	0 23	7 34	1 33	3 11	1 2	24 14	0 31	24 15	0 24	11 38	0 23	0 26	2 8	33 6	14 45	22 17	22 11	25 24		n.a.
S 5	12 32	18 45	1s 6	8 55	0 17	7 15	1 37	2 54	1 2	24 14	0 31	24 15	0 24	11 37	0 22	0 26	2 7	33 7	14 46	22 17	22 12	25 24		n.a.
S 6	12 53	14 4	2 13	9 37	0 10	6 55	1 42	2 38	1 2	24 14	0 32	24 15	0 24	11 37	0 22	0 27	2 7	33 7	14 47	22 17	22 12	25 25		n.a.
M 7	13 14	8 51	3 12	10 17	0 3	6 35	1 46	2 21	1 2	24 15	0 32	24 15	0 24	11 36	0 22	0 27	2 7	33 8	14 47	22 17	22 13	25 25		n.a.
T 8	13 35	3 21	3 59	10 58	0s 4	6 14	1 50	2 5	1 1	24 15	0 32	24 15	0 25	11 35	0 22	0 28	2 7	33 8	14 48	22 18	22 13	25 26		n.a.
W 9	13 56	2s11	4 33	11 38	0 10	5 54	1 54	1 48	1 1	24 15	0 32	24 15	0 25	11 34	0 22	0 28	2 7	33 8	14 48	22 19	22 14	25 26		n.a.
T 10	14 16	7 33	4 54	12 17	0 17	5 32	1 58	1 31	1 1	24 15	0 33	24 15	0 25	11 33	0 22	0 29	2 7	33 9	14 49	22 21	22 14	25 27		n.a.
F 11	14 36	12 33	5 1	12 56	0 23	5 11	2 2	1 14	1 0	24 16	0 33	24 15	0 25	11 32	0 22	0 29	2 7	33 9	14 49	22 23	22 15	25 27		n.a.
S 12	14 56	16 59	4 54	13 35	0 30	4 49	2 5	0 58	1 0	24 16	0 33	24 15	0 25	11 31	0 22	0 30	2 7	33 10	14 50	22 25	22 15	25 28		n.a.
S 13	15 16	20 42	4 34	14 13	0 36	4 26	2 8	0 41	1 0	24 16	0 33	24 15	0 25	11 30	0 22	0 30	2 7	33 10	14 50	22 27	22 16	25 28		n.a.
M14	15 35	23 31	4 1	14 50	0 42	4 3	2 11	0 24	0 59	24 17	0 33	24 15	0 25	11 29	0 22	0 31	2 7	33 11	14 51	22 28	22 16	25 28		n.a.
T 15	15 54	25 16	3 19	15 27	0 48	3 40	2 14	0 7	0 59	24 17	0 34	24 15	0 25	11 29	0 22	0 31	2 7	33 11	14 51	22 30	22 17	25 29		n.a.
W16	16 13	25 53	2 27	16 3	0 54	3 17	2 17	0s 9	0 59	24 17	0 34	24 15	0 25	11 28	0 22	0 32	2 7	33 11	14 52	22 31	22 17	25 29		n.a.
T 17	16 32	25 20	1 30	16 39	1 0	2 53	2 19	0 26	0 58	24 18	0 34	24 15	0 25	11 27	0 22	0 32	2 7	33 12	14 52	22 31	22 18	25 30		n.a.
F 18	16 50	23 37	0 28	17 13	1 5	2 29	2 22	0 43	0 58	24 18	0 34	24 15	0 25	11 26	0 22	0 33	2 7	33 12	14 53	22 32	22 18	25 30		n.a.
S 19	17 8	20 50	0n36	17 47	1 11	2 5	2 24	1 0	0 58	24 18	0 35	24 15	0 25	11 25	0 22	0 33	2 7	33 13	14 53	22 32	22 19	25 31		n.a.
S 20	17 25	17 6	1 39	18 21	1 16	1 41	2 26	1 16	0 57	24 19	0 35	24 15	0 25	11 24	0 22	0 33	2 7	33 13	14 54	22 31	22 19	25 31		n.a.
M21	17 43	12 34	2 40	18 53	1 21	1 16	2 28	1 33	0 57	24 19	0 35	24 15	0 25	11 23	0 22	0 34	2 7	33 14	14 54	22 31	22 20	25 31		n.a.
T 22	18 0	7 21	3 34	19 25	1 26	0 51	2 30	1 50	0 57	24 19	0 35	24 15	0 25	11 23	0 22	0 34	2 7	33 14	14 55	22 32	22 20	25 32		n.a.
W23	18 16	1 39	4 18	19 55	1 30	0 26	2 31	2 7	0 56	24 20	0 35	24 15	0 25	11 22	0 22	0 35	2 7	33 15	14 56	22 32	22 20	25 32		n.a.
T 24	18 33	4n20	4 50	20 25	1 35	0 1	2 33	2 24	0 56	24 20	0 36	24 15	0 25	11 21	0 22	0 35	2 7	33 15	14 56	22 33	22 21	25 33		n.a.
F 25	18 49	10 18	5 5	20 54	1 39	0s25	2 34	2 40	0 56	24 21	0 36	24 15	0 25	11 20	0 22	0 35	2 7	33 16	14 57	22 34	22 21	25 33		n.a.
S 26	19 4	15 53	5 1	21 21	1 43	0 50	2 35	2 57	0 55	24 21	0 36	24 15	0 25	11 19	0 22	0 36	2 6	33 17	14 57	22 35	22 22	25 33		n.a.
S 27	19 19	20 38	4 36	21 48	1 46	1 16	2 36	3 14	0 55	24 21	0 36	24 15	0 25	11 19	0 22	0 36	2 6	33 17	14 58	22 36	22 22	25 34		n.a.
M28	19 34	24 3	3 51	22 13	1 50	1 42	2 37	3 30	0 54	24 22	0 37	24 15	0 26	11 18	0 22	0 36	2 6	33 18	14 58	22 37	22 23	25 34		n.a.
T 29	19 49	25 43	2 50	22 38	1 53	2 8	2 38	3 47	0 54	24 22	0 37	24 15	0 26	11 17	0 22	0 37	2 6	33 18	14 59	22 38	22 23	25 34		n.a.
W30	20s 3	25n27	1n37	23s 0	1s55	2s34	2n39	4s 4	0n54	24n23	0n37	24s15	0s26	11n16	0s22	0s37	2s 6	33n19	14n59	22s38	22s24	25s35		n.a.

Julian Day Number = 1265530.5, Delta T = 08h22m08s
Ecliptic obliquity = 23°50'38, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'08, Lahiri = -21°11'07 Julian Calendar 1 Nov. 1249 BCE == Greg. Calendar 21 Oct. 1249 BCE

The year -1248 astronomical counting style corresponds to year 1249 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1249 BCE
geocentric

DECEMBER 1249 BCE (-1248) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 54 31	29♏ 1'48	14♋16	4♐42	13♎34	12♎50	4°R34	2♑14	29°R50	3°R14	6°R47	17°D45	19♑28	10♐16	n.a.	T 1
F 2	3 58 27	0♐ 3'03	28°40	6°22	14°42	13°32	4♋29	2°20	29♈48	3♈13	6♌47	17♑45	19°25	10°23	n.a.	F 2
S 3	4 2 24	1° 4'17	12♌38	8° 2	15°50	14°13	4°23	2°27	29°46	3°12	6°46	17°46	19°22	10°29	n.a.	S 3
S 4	4 6 21	2° 5'32	26°11	9°43	16°59	14°54	4°17	2°34	29°44	3°12	6°46	17°R47	19°19	10°36	n.a.	S 4
M 5	4 10 17	3° 6'46	9♍20	11°23	18° 7	15°35	4°12	2°40	29°42	3°11	6°45	17°47	19°16	10°43	n.a.	M 5
T 6	4 14 14	4° 7'59	22° 8	13° 4	19°16	16°16	4° 6	2°47	29°40	3°10	6°45	17°46	19°12	10°49	n.a.	T 6
W 7	4 18 10	5° 9'13	4♎40	14°45	20°25	16°58	4° 0	2°54	29°38	3°10	6°44	17°42	19° 9	10°56	n.a.	W 7
T 8	4 22 7	6°10'26	16°59	16°27	21°34	17°39	3°53	3° 0	29°36	3° 9	6°44	17°36	19° 6	11° 3	n.a.	T 8
F 9	4 26 3	7°11'38	29° 7	18° 8	22°43	18°20	3°47	3° 7	29°34	3° 8	6°43	17°29	19° 3	11° 9	n.a.	F 9
S 10	4 30 0	8°12'50	11♏ 8	19°49	23°52	19° 1	3°40	3°14	29°32	3° 8	6°43	17°21	19° 0	11°16	n.a.	S 10
S 11	4 33 57	9°14'01	23° 3	21°30	25° 1	19°43	3°34	3°21	29°31	3° 7	6°42	17°13	18°56	11°23	n.a.	S 11
M12	4 37 53	10°15'11	4♐54	23°10	26°11	20°24	3°27	3°28	29°29	3° 7	6°41	17° 6	18°53	11°29	n.a.	M12
T 13	4 41 50	11°16'21	16°43	24°50	27°21	21° 5	3°20	3°35	29°27	3° 7	6°40	17° 1	18°50	11°36	n.a.	T 13
W14	4 45 46	12°17'30	28°31	26°29	28°30	21°47	3°13	3°42	29°25	3° 6	6°40	16°57	18°47	11°43	n.a.	W14
T 15	4 49 43	13°18'37	10♑22	28° 7	29°40	22°28	3° 6	3°49	29°24	3° 6	6°39	16°55	18°44	11°49	n.a.	T 15
F 16	4 53 39	14°19'44	22°16	29°43	0♏50	23°10	2°59	3°56	29°22	3° 5	6°38	16°D55	18°41	11°56	n.a.	F 16
S 17	4 57 36	15°20'49	4♒18	1♑18	2° 0	23°51	2°52	4° 3	29°21	3° 5	6°37	16°57	18°37	12° 3	n.a.	S 17
S 18	5 1 32	16°21'53	16°31	2°50	3°11	24°33	2°45	4°10	29°19	3° 5	6°36	16°58	18°34	12° 9	n.a.	S 18
M19	5 5 29	17°22'56	28°58	4°20	4°21	25°14	2°37	4°17	29°18	3° 5	6°36	17° 0	18°31	12°16	n.a.	M19
T 20	5 9 26	18°23'57	11♓44	5°47	5°31	25°56	2°30	4°24	29°16	3° 5	6°35	17° 1	18°28	12°23	n.a.	T 20
W21	5 13 22	19°24'56	24°53	7°10	6°42	26°37	2°22	4°31	29°15	3° 4	6°34	17°R 1	18°25	12°29	n.a.	W21
T 22	5 17 19	20°25'55	8♈28	8°28	7°52	27°19	2°14	4°38	29°13	3° 4	6°33	17° 0	18°21	12°36	n.a.	T 22
F 23	5 21 15	21°26'51	22°30	9°41	9° 3	28° 0	2° 7	4°45	29°12	3° 4	6°32	16°58	18°18	12°43	n.a.	F 23
S 24	5 25 12	22°27'46	6♉59	10°48	10°14	28°42	1°59	4°53	29°11	3° 4	6°31	16°55	18°15	12°49	n.a.	S 24
S 25	5 29 8	23°28'40	21°51	11°49	11°25	29°23	1°51	5° 0	29°10	3°D 4	6°30	16°51	18°12	12°56	n.a.	S 25
M26	5 33 5	24°29'32	6♊59	12°42	12°36	0♏ 5	1°43	5° 7	29° 8	3° 4	6°29	16°48	18° 9	13° 3	n.a.	M26
T 27	5 37 2	25°30'23	22°14	13°26	13°47	0°47	1°36	5°14	29° 7	3° 4	6°27	16°46	18° 6	13° 9	n.a.	T 27
W28	5 40 58	26°31'12	7♋26	14° 2	14°58	1°28	1°28	5°21	29° 6	3° 4	6°26	16°44	18° 2	13°16	n.a.	W28
T 29	5 44 55	27°32'00	22°25	14°27	16° 9	2°10	1°20	5°29	29° 5	3° 4	6°25	16°D44	17°59	13°23	n.a.	T 29
F 30	5 48 51	28°32'47	7♌ 3	14°43	17°20	2°52	1°12	5°36	29° 4	3° 5	6°24	16°45	17°56	13°30	n.a.	F 30
S 31	5 52 48	29♐33'32	21♌16	14°R48	18♏31	3♏33	1♋ 4	5♑43	29♈ 3	3♈ 5	6♌23	16♑46	17♑53	13♐36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s17	23n22	0n19	23s22	1s58	3s 0	2n39	4s20	0n53	24n23	0n37	24s15	0s26	11n16	0s22	0s37	2s 6	33n19	15n 0	22s39	22s24	25s35		n.a.
F 2	20 30	19 49	0s59	23 42	2 0	3 27	2 40	4 37	0 53	24 23	0 37	24 15	0 26	11 15	0 22	0 37	2 6	33 20	15 0	22 39	22 25	25 35		n.a.
S 3	20 43	15 13	2 10	24 1	2 1	3 53	2 40	4 54	0 52	24 24	0 38	24 15	0 26	11 14	0 22	0 38	2 6	33 21	15 1	22 38	22 25	25 36		n.a.
S 4	20 56	9 59	3 13	24 18	2 3	4 19	2 40	5 10	0 52	24 24	0 38	24 15	0 26	11 13	0 22	0 38	2 6	33 21	15 1	22 38	22 26	25 36		n.a.
M 5	21 8	4 28	4 3	24 34	2 3	4 46	2 40	5 27	0 51	24 25	0 38	24 15	0 26	11 13	0 22	0 38	2 6	33 22	15 2	22 38	22 26	25 36		n.a.
T 6	21 20	1s 6	4 39	24 48	2 4	5 12	2 40	5 43	0 51	24 25	0 38	24 15	0 26	11 12	0 22	0 38	2 6	33 22	15 2	22 39	22 26	25 37		n.a.
W 7	21 31	6 29	5 1	25 0	2 4	5 39	2 39	6 0	0 50	24 25	0 39	24 15	0 26	11 11	0 22	0 38	2 6	33 23	15 3	22 39	22 27	25 37		n.a.
T 8	21 42	11 31	5 9	25 11	2 3	6 5	2 39	6 16	0 50	24 26	0 39	24 15	0 26	11 11	0 22	0 39	2 6	33 24	15 3	22 40	22 27	25 37		n.a.
F 9	21 53	16 3	5 3	25 19	2 2	6 32	2 38	6 33	0 49	24 26	0 39	24 15	0 26	11 10	0 22	0 39	2 6	33 24	15 4	22 41	22 28	25 38		n.a.
S 10	22 3	19 54	4 43	25 26	2 0	6 58	2 38	6 49	0 49	24 27	0 39	24 14	0 26	11 9	0 22	0 39	2 6	33 25	15 4	22 42	22 28	25 38		n.a.
S 11	22 12	22 54	4 12	25 31	1 57	7 25	2 37	7 5	0 49	24 27	0 39	24 14	0 26	11 9	0 22	0 39	2 6	33 26	15 5	22 43	22 29	25 38		n.a.
M12	22 22	24 54	3 29	25 34	1 54	7 51	2 36	7 22	0 48	24 27	0 40	24 14	0 26	11 8	0 22	0 39	2 5	33 26	15 5	22 44	22 29	25 38		n.a.
T 13	22 31	25 47	2 37	25 35	1 50	8 17	2 35	7 38	0 48	24 28	0 40	24 14	0 26	11 7	0 22	0 39	2 5	33 27	15 6	22 44	22 30	25 39		n.a.
W14	22 39	25 29	1 39	25 34	1 46	8 44	2 34	7 54	0 47	24 28	0 40	24 14	0 26	11 7	0 22	0 39	2 5	33 28	15 6	22 45	22 30	25 39		n.a.
T 15	22 47	24 2	0 36	25 30	1 41	9 10	2 33	8 10	0 46	24 28	0 40	24 14	0 27	11 6	0 22	0 40	2 5	33 28	15 6	22 45	22 31	25 39		n.a.
F 16	22 54	21 29	0n29	25 25	1 35	9 36	2 32	8 26	0 46	24 29	0 40	24 14	0 27	11 6	0 22	0 40	2 5	33 29	15 7	22 45	22 31	25 39		n.a.
S 17	23 1	17 59	1 34	25 18	1 28	10 1	2 30	8 42	0 45	24 29	0 40	24 13	0 27	11 5	0 22	0 40	2 5	33 30	15 7	22 45	22 31	25 40		n.a.
S 18	23 8	13 41	2 35	25 9	1 20	10 27	2 29	8 58	0 45	24 30	0 41	24 13	0 27	11 5	0 22	0 40	2 5	33 30	15 8	22 45	22 32	25 40		n.a.
M19	23 14	8 45	3 31	24 57	1 11	10 52	2 27	9 14	0 44	24 30	0 41	24 13	0 27	11 4	0 22	0 40	2 5	33 31	15 8	22 44	22 32	25 40		n.a.
T 20	23 20	3 20	4 17	24 44	1 1	11 18	2 26	9 30	0 44	24 30	0 41	24 13	0 27	11 4	0 22	0 40	2 5	33 32	15 9	22 44	22 33	25 40		n.a.
W21	23 25	2n23	4 51	24 29	0 51	11 43	2 24	9 46	0 43	24 30	0 41	24 13	0 27	11 3	0 22	0 40	2 5	33 32	15 9	22 44	22 33	25 40		n.a.
T 22	23 29	8 9	5 11	24 13	0 39	12 8	2 22	10 2	0 43	24 31	0 41	24 13	0 27	11 3	0 22	0 40	2 5	33 33	15 9	22 44	22 34	25 41		n.a.
F 23	23 34	13 43	5 13	23 55	0 27	12 32	2 20	10 17	0 42	24 31	0 42	24 12	0 27	11 2	0 22	0 40	2 5	33 34	15 10	22 45	22 34	25 41		n.a.
S 24	23 37	18 43	4 56	23 37	0 13	12 57	2 18	10 33	0 41	24 31	0 42	24 12	0 27	11 2	0 22	0 40	2 5	33 34	15 10	22 45	22 35	25 41		n.a.
S 25	23 41	22 41	4 18	23 17	0n 1	13 21	2 16	10 48	0 41	24 32	0 42	24 12	0 27	11 1	0 22	0 40	2 5	33 35	15 11	22 46	22 35	25 41		n.a.
M26	23 44	25 10	3 22	22 57	0 17	13 45	2 14	11 4	0 40	24 32	0 42	24 12	0 27	11 1	0 22	0 39	2 4	33 36	15 11	22 46	22 35	25 41		n.a.
T 27	23 46	25 48	2 11	22 36	0 33	14 9	2 12	11 19	0 40	24 32	0 42	24 12	0 27	11 1	0 22	0 39	2 4	33 36	15 11	22 46	22 36	25 41		n.a.
W28	23 48	24 29	0 51	22 16	0 50	14 32	2 10	11 34	0 39	24 32	0 42	24 11	0 27	11 0	0 22	0 39	2 4	33 37	15 12	22 46	22 36	25 41		n.a.
T 29	23 49	21 26	0s31	21 56	1 7	14 55	2 7	11 50	0 38	24 33	0 42	24 11	0 27	11 0	0 21	0 39	2 4	33 38	15 12	22 46	22 37	25 42		n.a.
F 30	23 50	17 3	1 50	21 37	1 25	15 18	2 5	12 5	0 38	24 33	0 43	24 11	0 28	11 0	0 21	0 39	2 4	33 38	15 13	22 46	22 37	25 42		n.a.
S 31	23s51	11n49	3s 0	21s18	1n43	15s40	2n 2	12s20	0n37	24n33	0n43	24s11	0s28	10n59	0s21	0s39	2s 4	33n39	15n13	22s46	22s38	25s42		n.a.

Julian Day Number = 1265560.5, Delta T = 08h22m06s
Ecliptic obliquity = 23°50'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°18'04, Lahiri = -21°11'03 Julian Calendar 1 Dec. 1249 BCE == Greg. Calendar 20 Nov. 1249 BCE

The year -1248 astronomical counting style corresponds to year 1249 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1248 BCE
geocentric

JANUARY 1248 BCE (-1247) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 56 44	0♉34'16	5♍ 1	14°R42	19♏43	4♏15	0°R56	5♉51	29°R 2	3♈ 5	6°R22	16♉48	17♉50	13♐43	n.a.	S 1
M 2	6 0 41	1°34'58	18°20	14♉25	20°54	4°57	0♋48	5°58	29♈ 2	3° 5	6♌20	16°49	17°47	13°50	n.a.	M 2
T 3	6 4 37	2°35'40	1♎14	13°58	22° 5	5°39	0°40	6° 5	29° 1	3° 6	6°19	16°R49	17°43	13°56	n.a.	T 3
W 4	6 8 34	3°36'20	13°47	13°21	23°17	6°20	0°32	6°12	29° 0	3° 6	6°18	16°49	17°40	14° 3	n.a.	W 4
T 5	6 12 31	4°36'58	26° 3	12°35	24°29	7° 2	0°24	6°20	29° 0	3° 6	6°17	16°48	17°37	14°10	n.a.	T 5
F 6	6 16 27	5°37'35	8♏ 6	11°41	25°40	7°44	0°16	6°27	28°59	3° 7	6°15	16°47	17°34	14°16	n.a.	F 6
S 7	6 20 24	6°38'11	20° 1	10°41	26°52	8°26	0° 8	6°34	28°58	3° 7	6°14	16°45	17°31	14°23	n.a.	S 7
S 8	6 24 20	7°38'46	1♐51	9°37	28° 4	9° 8	0° 0	6°42	28°58	3° 8	6°13	16°44	17°27	14°30	n.a.	S 8
M 9	6 28 17	8°39'18	13°39	8°30	29°16	9°50	29♊53	6°49	28°57	3° 8	6°11	16°42	17°24	14°36	n.a.	M 9
T 10	6 32 13	9°39'50	25°28	7°22	0♐27	10°31	29°45	6°56	28°57	3° 9	6°10	16°42	17°21	14°43	n.a.	T 10
W11	6 36 10	10°40'19	7♉20	6°15	1°39	11°13	29°37	7° 4	28°57	3° 9	6° 9	16°41	17°18	14°50	n.a.	W11
T 12	6 40 6	11°40'46	19°18	5°10	2°51	11°55	29°29	7°11	28°56	3°10	6° 7	16°D41	17°15	14°56	n.a.	T 12
F 13	6 44 3	12°41'12	1♒22	4° 8	4° 3	12°37	29°22	7°18	28°56	3°11	6° 6	16°41	17°12	15° 3	n.a.	F 13
S 14	6 48 0	13°41'36	13°36	3°12	5°15	13°19	29°14	7°25	28°56	3°11	6° 4	16°41	17° 8	15°10	n.a.	S 14
S 15	6 51 56	14°41'58	26° 0	2°22	6°27	14° 1	29° 7	7°33	28°56	3°12	6° 3	16°42	17° 5	15°16	n.a.	S 15
M16	6 55 53	15°42'17	8♓38	1°38	7°39	14°43	28°59	7°40	28°56	3°13	6° 1	16°42	17° 2	15°23	n.a.	M16
T 17	6 59 49	16°42'34	21°31	1° 1	8°51	15°25	28°52	7°47	28°D56	3°13	6° 0	16°R42	16°59	15°30	n.a.	T 17
W18	7 3 46	17°42'50	4♈42	0°31	10° 3	16° 7	28°45	7°54	28°56	3°14	5°58	16°42	16°56	15°36	n.a.	W18
T 19	7 7 42	18°43'03	18°12	0° 9	11°16	16°49	28°38	8° 2	28°56	3°15	5°57	16°D42	16°53	15°43	n.a.	T 19
F 20	7 11 39	19°43'13	2♉ 3	29♐54	12°28	17°31	28°31	8° 9	28°56	3°16	5°55	16°42	16°49	15°50	n.a.	F 20
S 21	7 15 35	20°43'22	16°15	29°45	13°40	18°13	28°24	8°16	28°56	3°17	5°54	16°42	16°46	15°56	n.a.	S 21
S 22	7 19 32	21°43'28	0♊46	29°D44	14°52	18°55	28°17	8°23	28°56	3°18	5°52	16°43	16°43	16° 3	n.a.	S 22
M23	7 23 29	22°43'32	15°32	29°49	16° 4	19°37	28°10	8°30	28°57	3°19	5°51	16°43	16°40	16°10	n.a.	M23
T 24	7 27 25	23°43'34	0♋27	29°59	17°17	20°19	28° 4	8°38	28°57	3°20	5°49	16°44	16°37	16°16	n.a.	T 24
W25	7 31 22	24°43'33	15°25	0♉16	18°29	21° 1	27°57	8°45	28°57	3°21	5°48	16°R44	16°33	16°23	n.a.	W25
T 26	7 35 18	25°43'31	0♌16	0°38	19°41	21°43	27°51	8°52	28°58	3°22	5°46	16°44	16°30	16°30	n.a.	T 26
F 27	7 39 15	26°43'26	14°54	1° 5	20°54	22°25	27°45	8°59	28°58	3°23	5°44	16°43	16°27	16°36	n.a.	F 27
S 28	7 43 11	27°43'19	29°12	1°37	22° 6	23° 7	27°39	9° 6	28°59	3°24	5°43	16°42	16°24	16°43	n.a.	S 28
S 29	7 47 8	28°43'11	13♍ 5	2°13	23°19	23°49	27°33	9°13	28°59	3°25	5°41	16°40	16°21	16°50	n.a.	S 29
M30	7 51 4	29°43'00	26°32	2°54	24°31	24°32	27°27	9°20	29° 0	3°26	5°40	16°39	16°18	16°56	n.a.	M30
T 31	7 55 1	0♒42'48	9♎34	3♉38	25♐44	25♏14	27♊21	9♉27	29♈ 1	3♈28	5♌38	16♉37	16♉14	17♐ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23s51	6n10	3s56	21s 1	2n 0	16s 2	2n 0	12s35	0n36	24n33	0n43	24s10	0s28	10n59	0s21	0s39	2s 4	33n40	15n13	22s46	22s38	25s42			n.a.
M 2	23 50	0 26	4 39	20 46	2 18	16 24	1 57	12 50	0 36	24 34	0 43	24 10	0 28	10 59	0 21	0 39	2 4	33 40	15 14	22 46	22 38	25 42			n.a.
T 3	23 49	5s 9	5 5	20 32	2 34	16 45	1 55	13 4	0 35	24 34	0 43	24 10	0 28	10 59	0 21	0 38	2 4	33 41	15 14	22 46	22 39	25 42			n.a.
W 4	23 48	10 22	5 16	20 20	2 50	17 6	1 52	13 19	0 34	24 34	0 43	24 10	0 28	10 58	0 21	0 38	2 4	33 42	15 14	22 46	22 39	25 42			n.a.
T 5	23 46	15 4	5 13	20 10	3 5	17 27	1 49	13 34	0 34	24 34	0 43	24 9	0 28	10 58	0 21	0 38	2 4	33 42	15 15	22 46	22 40	25 42			n.a.
F 6	23 43	19 5	4 55	20 2	3 18	17 47	1 46	13 48	0 33	24 34	0 44	24 9	0 28	10 58	0 21	0 38	2 4	33 43	15 15	22 46	22 40	25 42			n.a.
S 7	23 40	22 17	4 25	19 56	3 29	18 6	1 44	14 3	0 32	24 34	0 44	24 9	0 28	10 58	0 21	0 37	2 4	33 44	15 15	22 46	22 41	25 43			n.a.
S 8	23 37	24 32	3 44	19 52	3 38	18 26	1 41	14 17	0 32	24 34	0 44	24 8	0 28	10 58	0 21	0 37	2 4	33 44	15 16	22 47	22 41	25 43			n.a.
M 9	23 33	25 41	2 53	19 50	3 44	18 44	1 38	14 31	0 31	24 35	0 44	24 8	0 28	10 57	0 21	0 37	2 3	33 45	15 16	22 47	22 41	25 43			n.a.
T 10	23 29	25 41	1 55	19 50	3 49	19 3	1 35	14 45	0 30	24 35	0 44	24 8	0 28	10 57	0 21	0 37	2 3	33 46	15 16	22 47	22 42	25 43			n.a.
W11	23 24	24 30	0 52	19 51	3 51	19 21	1 32	14 59	0 29	24 35	0 44	24 7	0 28	10 57	0 21	0 36	2 3	33 46	15 17	22 47	22 42	25 43			n.a.
T 12	23 19	22 11	0n15	19 54	3 51	19 38	1 29	15 13	0 29	24 35	0 44	24 7	0 29	10 57	0 21	0 36	2 3	33 47	15 17	22 47	22 43	25 43			n.a.
F 13	23 14	18 53	1 21	19 58	3 49	19 55	1 26	15 27	0 28	24 35	0 44	24 7	0 29	10 57	0 21	0 36	2 3	33 48	15 17	22 47	22 43	25 43			n.a.
S 14	23 8	14 43	2 24	20 4	3 45	20 11	1 23	15 40	0 27	24 35	0 44	24 7	0 29	10 57	0 21	0 35	2 3	33 48	15 17	22 47	22 43	25 43			n.a.
S 15	23 1	9 54	3 22	20 11	3 39	20 27	1 19	15 54	0 26	24 35	0 45	24 6	0 29	10 57	0 21	0 35	2 3	33 49	15 18	22 47	22 44	25 43			n.a.
M16	22 54	4 36	4 10	20 19	3 31	20 42	1 16	16 7	0 26	24 35	0 45	24 6	0 29	10 57	0 21	0 35	2 3	33 50	15 18	22 47	22 44	25 43			n.a.
T 17	22 47	0n59	4 48	20 28	3 23	20 57	1 13	16 20	0 25	24 35	0 45	24 5	0 29	10 57	0 21	0 34	2 3	33 50	15 18	22 47	22 45	25 43			n.a.
W18	22 39	6 38	5 11	20 37	3 13	21 11	1 10	16 33	0 24	24 35	0 45	24 5	0 29	10 57	0 21	0 34	2 3	33 51	15 18	22 47	22 45	25 43			n.a.
T 19	22 31	12 8	5 18	20 48	3 3	21 24	1 7	16 46	0 23	24 35	0 45	24 5	0 29	10 57	0 21	0 34	2 3	33 51	15 18	22 47	22 45	25 43			n.a.
F 20	22 22	17 10	5 7	20 59	2 51	21 37	1 4	16 59	0 22	24 35	0 45	24 4	0 29	10 57	0 21	0 33	2 3	33 52	15 19	22 47	22 46	25 43			n.a.
S 21	22 13	21 23	4 37	21 11	2 39	21 50	1 0	17 12	0 21	24 35	0 45	24 4	0 29	10 57	0 21	0 33	2 3	33 53	15 19	22 47	22 46	25 43			n.a.
S 22	22 3	24 23	3 49	21 23	2 27	22 1	0 57	17 25	0 21	24 35	0 45	24 4	0 29	10 57	0 21	0 32	2 3	33 53	15 19	22 47	22 47	25 43			n.a.
M23	21 53	25 46	2 45	21 36	2 15	22 13	0 54	17 37	0 20	24 35	0 45	24 3	0 29	10 57	0 21	0 32	2 3	33 54	15 19	22 47	22 47	25 43			n.a.
T 24	21 43	25 20	1 29	21 48	2 2	22 23	0 50	17 49	0 19	24 35	0 45	24 3	0 30	10 58	0 21	0 31	2 2	33 54	15 19	22 47	22 47	25 43			n.a.
W25	21 32	23 3	0 7	22 1	1 50	22 33	0 47	18 2	0 18	24 35	0 45	24 3	0 30	10 58	0 21	0 31	2 2	33 55	15 20	22 47	22 48	25 43			n.a.
T 26	21 21	19 13	1s15	22 13	1 37	22 42	0 44	18 14	0 17	24 35	0 45	24 2	0 30	10 58	0 21	0 30	2 2	33 56	15 20	22 47	22 48	25 43			n.a.
F 27	21 10	14 15	2 30	22 25	1 25	22 51	0 41	18 26	0 16	24 35	0 45	24 2	0 30	10 58	0 21	0 30	2 2	33 56	15 20	22 47	22 49	25 43			n.a.
S 28	20 58	8 36	3 34	22 37	1 13	22 59	0 37	18 37	0 15	24 35	0 46	24 1	0 30	10 58	0 21	0 29	2 2	33 57	15 20	22 47	22 49	25 42			n.a.
S 29	20 46	2 42	4 24	22 49	1 1	23 6	0 34	18 49	0 14	24 35	0 46	24 1	0 30	10 59	0 21	0 29	2 2	33 57	15 20	22 47	22 49	25 42			n.a.
M30	20 33	3s 8	4 58	23 0	0 49	23 13	0 31	19 0	0 13	24 35	0 46	24 1	0 30	10 59	0 21	0 28	2 2	33 58	15 20	22 47	22 50	25 42			n.a.
T 31	20s20	8s39	5s14	23s10	0n37	23s19	0n28	19s12	0n12	24n35	0n46	24s 0	0s30	10n59	0s21	0s28	2s 2	33n58	15n20	22s47	22s50	25s42			n.a.

Julian Day Number = 1265591.5, Delta T = 08h22m05s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'59, Lahiri = -21°10'59 Julian Calendar 1 Jan. 1248 BCE == Greg. Calendar 21 Dec. 1249 BCE

The year -1247 astronomical counting style corresponds to year 1248 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1248 BCE
geocentric

FEBRUARY 1248 BCE (-1247) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 58 58	1♒42'33	22♎12	4♑26	26♐56	25♏56	27°R16	9♑34	29♈ 1	3♈29	5°R37	16°R36	16♑11	17♐10	n.a.	W 1
T 2	8 2 54	2°42'17	4♏31	5°17	28° 8	26°38	27♊10	9°41	29° 2	3°30	5♌35	16°D36	16° 8	17°16	n.a.	T 2
F 3	8 6 51	3°41'59	16°36	6°11	29°21	27°20	27° 5	9°48	29° 3	3°31	5°33	16♑37	16° 5	17°23	n.a.	F 3
S 4	8 10 47	4°41'39	28°30	7° 8	0♑34	28° 2	27° 0	9°55	29° 4	3°33	5°32	16°38	16° 2	17°30	n.a.	S 4
S 5	8 14 44	5°41'17	10♐18	8° 8	1°46	28°45	26°55	10° 2	29° 5	3°34	5°30	16°39	15°59	17°36	n.a.	S 5
M 6	8 18 40	6°40'53	22° 6	9°11	2°59	29°27	26°50	10° 8	29° 6	3°36	5°28	16°41	15°55	17°43	n.a.	M 6
T 7	8 22 37	7°40'28	3♑57	10°16	4°11	0♐ 9	26°46	10°15	29° 7	3°37	5°27	16°42	15°52	17°50	n.a.	T 7
W 8	8 26 33	8°40'00	15°55	11°23	5°24	0°51	26°41	10°22	29° 8	3°38	5°25	16°R43	15°49	17°56	n.a.	W 8
T 9	8 30 30	9°39'30	28° 1	12°33	6°37	1°33	26°37	10°29	29° 9	3°40	5°24	16°42	15°46	18° 3	n.a.	T 9
F 10	8 34 27	10°38'58	10♒19	13°45	7°49	2°16	26°33	10°35	29°11	3°41	5°22	16°40	15°43	18°10	n.a.	F 10
S 11	8 38 23	11°38'24	22°49	14°58	9° 2	2°58	26°29	10°42	29°12	3°43	5°20	16°38	15°39	18°16	n.a.	S 11
S 12	8 42 20	12°37'47	5♓33	16°14	10°15	3°40	26°26	10°49	29°13	3°44	5°19	16°34	15°36	18°23	n.a.	S 12
M13	8 46 16	13°37'08	18°30	17°31	11°27	4°22	26°22	10°55	29°15	3°46	5°17	16°29	15°33	18°30	n.a.	M13
T 14	8 50 13	14°36'27	1♈41	18°51	12°40	5° 4	26°19	11° 2	29°16	3°48	5°16	16°25	15°30	18°36	n.a.	T 14
W15	8 54 9	15°35'43	15° 5	20°12	13°53	5°47	26°16	11° 8	29°17	3°49	5°14	16°21	15°27	18°43	n.a.	W15
T 16	8 58 6	16°34'57	28°43	21°34	15° 5	6°29	26°13	11°15	29°19	3°51	5°13	16°19	15°24	18°50	n.a.	T 16
F 17	9 2 2	17°34'09	12♉33	22°59	16°18	7°11	26°10	11°21	29°21	3°52	5°11	16°D17	15°20	18°56	n.a.	F 17
S 18	9 5 59	18°33'18	26°35	24°24	17°31	7°53	26° 7	11°27	29°22	3°54	5° 9	16°18	15°17	19° 3	n.a.	S 18
S 19	9 9 55	19°32'24	10♊49	25°52	18°43	8°35	26° 5	11°34	29°24	3°56	5° 8	16°19	15°14	19° 9	n.a.	S 19
M20	9 13 52	20°31'28	25°12	27°21	19°56	9°17	26° 2	11°40	29°26	3°58	5° 6	16°20	15°11	19°16	n.a.	M20
T 21	9 17 49	21°30'30	9♋41	28°52	21° 9	10° 0	26° 0	11°46	29°27	3°59	5° 5	16°R21	15° 8	19°23	n.a.	T 21
W22	9 21 45	22°29'29	24°13	0♒24	22°22	10°42	25°59	11°52	29°29	4° 1	5° 3	16°21	15° 5	19°29	n.a.	W22
T 23	9 25 42	23°28'26	8♌42	1°57	23°34	11°24	25°57	11°58	29°31	4° 3	5° 2	16°19	15° 1	19°36	n.a.	T 23
F 24	9 29 38	24°27'20	23° 3	3°32	24°47	12° 6	25°55	12° 4	29°33	4° 5	5° 0	16°16	14°58	19°43	n.a.	F 24
S 25	9 33 35	25°26'13	7♍10	5° 9	26° 0	12°48	25°54	12°10	29°35	4° 7	4°59	16°11	14°55	19°49	n.a.	S 25
S 26	9 37 31	26°25'03	20°58	6°47	27°13	13°30	25°53	12°16	29°37	4° 8	4°57	16° 4	14°52	19°56	n.a.	S 26
M27	9 41 28	27°23'51	4♎25	8°26	28°26	14°13	25°52	12°22	29°39	4°10	4°56	15°57	14°49	20° 3	n.a.	M27
T 28	9 45 24	28♒22'37	17♎28	10♒ 7	29♑38	14♐55	25♊51	12♑28	29♈41	4♈12	4♌54	15♑51	14♑45	20♐ 9	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s 7	13s39	5s15	23s20	0n26	23s24	0n24	19s23	0n11	24n35	0n46	24s 0	0s30	10n59	0s21	0s27	2s 2	33n59	15n21	22s47	22s51	25s42		n.a.
T 2	19 53	17 57	5 1	23 29	0 15	23 29	0 21	19 34	0 10	24 35	0 46	23 59	0 30	11 0	0 21	0 27	2 2	33 59	15 21	22 48	22 51	25 42		n.a.
F 3	19 39	21 27	4 35	23 37	0 4	23 33	0 18	19 45	0 9	24 34	0 46	23 59	0 30	11 0	0 21	0 26	2 2	34 0	15 21	22 47	22 51	25 42		n.a.
S 4	19 25	24 0	3 56	23 45	0s 6	23 36	0 15	19 55	0 8	24 34	0 46	23 58	0 31	11 0	0 20	0 25	2 2	34 1	15 21	22 47	22 52	25 42		n.a.
S 5	19 10	25 28	3 8	23 51	0 16	23 38	0 12	20 6	0 7	24 34	0 46	23 58	0 31	11 1	0 20	0 25	2 2	34 1	15 21	22 47	22 52	25 42		n.a.
M 6	18 55	25 48	2 12	23 57	0 25	23 40	0 8	20 16	0 6	24 34	0 46	23 58	0 31	11 1	0 20	0 24	2 2	34 2	15 21	22 47	22 53	25 41		n.a.
T 7	18 40	24 57	1 10	24 1	0 35	23 41	0 5	20 26	0 5	24 34	0 46	23 57	0 31	11 2	0 20	0 24	2 2	34 2	15 21	22 47	22 53	25 41		n.a.
W 8	18 24	22 57	0 4	24 4	0 44	23 42	0 2	20 36	0 4	24 34	0 46	23 57	0 31	11 2	0 20	0 23	2 2	34 2	15 21	22 47	22 53	25 41		n.a.
T 9	18 8	19 54	1n 2	24 6	0 52	23 41	0s 1	20 46	0 3	24 34	0 46	23 56	0 31	11 3	0 20	0 22	2 1	34 3	15 21	22 47	22 54	25 41		n.a.
F 10	17 52	15 56	2 6	24 7	1 0	23 40	0 4	20 56	0 2	24 34	0 46	23 56	0 31	11 3	0 20	0 22	2 1	34 3	15 21	22 47	22 54	25 41		n.a.
S 11	17 35	11 13	3 6	24 7	1 8	23 39	0 7	21 5	0 1	24 34	0 46	23 55	0 31	11 3	0 20	0 21	2 1	34 4	15 21	22 47	22 54	25 41		n.a.
S 12	17 18	5 58	3 57	24 5	1 15	23 36	0 10	21 14	0 0	24 34	0 46	23 55	0 31	11 4	0 20	0 20	2 1	34 4	15 21	22 48	22 55	25 41		n.a.
M13	17 1	0 23	4 37	24 2	1 22	23 33	0 13	21 23	0s 1	24 34	0 46	23 54	0 31	11 4	0 20	0 20	2 1	34 5	15 21	22 48	22 55	25 40		n.a.
T 14	16 44	5n18	5 3	23 58	1 29	23 29	0 16	21 32	0 2	24 34	0 46	23 54	0 32	11 5	0 20	0 19	2 1	34 5	15 21	22 49	22 56	25 40		n.a.
W15	16 26	10 50	5 13	23 52	1 35	23 25	0 19	21 41	0 3	24 33	0 46	23 54	0 32	11 6	0 20	0 18	2 1	34 6	15 21	22 49	22 56	25 40		n.a.
T 16	16 8	15 57	5 6	23 44	1 41	23 20	0 21	21 50	0 4	24 33	0 46	23 53	0 32	11 6	0 20	0 18	2 1	34 6	15 21	22 50	22 56	25 40		n.a.
F 17	15 50	20 19	4 41	23 35	1 46	23 14	0 24	21 58	0 5	24 33	0 46	23 53	0 32	11 7	0 20	0 17	2 1	34 6	15 21	22 50	22 57	25 40		n.a.
S 18	15 31	23 35	3 59	23 25	1 51	23 7	0 27	22 6	0 7	24 33	0 46	23 52	0 32	11 7	0 20	0 16	2 1	34 7	15 21	22 50	22 57	25 39		n.a.
S 19	15 12	25 27	3 2	23 13	1 55	23 0	0 30	22 14	0 8	24 33	0 46	23 52	0 32	11 8	0 20	0 15	2 1	34 7	15 21	22 50	22 57	25 39		n.a.
M20	14 53	25 38	1 53	22 59	1 59	22 52	0 32	22 22	0 9	24 33	0 46	23 51	0 32	11 9	0 20	0 15	2 1	34 7	15 21	22 49	22 58	25 39		n.a.
T 21	14 34	24 5	0 36	22 44	2 3	22 44	0 35	22 29	0 10	24 33	0 46	23 51	0 32	11 9	0 20	0 14	2 1	34 8	15 21	22 49	22 58	25 39		n.a.
W22	14 15	20 56	0s43	22 27	2 6	22 34	0 38	22 37	0 11	24 33	0 46	23 50	0 32	11 10	0 20	0 13	2 1	34 8	15 21	22 49	22 58	25 38		n.a.
T 23	13 55	16 29	1 59	22 9	2 9	22 24	0 40	22 44	0 12	24 33	0 46	23 50	0 33	11 11	0 20	0 12	2 1	34 8	15 21	22 50	22 59	25 38		n.a.
F 24	13 35	11 8	3 6	21 48	2 11	22 14	0 43	22 51	0 14	24 33	0 46	23 50	0 33	11 11	0 20	0 12	2 1	34 9	15 21	22 50	22 59	25 38		n.a.
S 25	13 15	5 18	4 1	21 26	2 12	22 3	0 45	22 58	0 15	24 33	0 46	23 49	0 33	11 12	0 20	0 11	2 1	34 9	15 20	22 51	23 0	25 38		n.a.
S 26	12 55	0s39	4 41	21 3	2 14	21 51	0 48	23 4	0 16	24 33	0 46	23 49	0 33	11 13	0 20	0 10	2 1	34 9	15 20	22 51	23 0	25 37		n.a.
M27	12 35	6 24	5 4	20 37	2 14	21 38	0 50	23 11	0 17	24 33	0 46	23 48	0 33	11 13	0 20	0 9	2 1	34 10	15 20	22 52	23 0	25 37		n.a.
T 28	12s14	11s43	5s10	20s10	2s15	21s25	0s52	23s17	0s19	24n33	0n46	23s48	0s33	11n14	0s20	0s 8	2s 1	34n10	15n20	22s53	23s 1	25s37		n.a.

Julian Day Number = 1265622.5, Delta T = 08h22m03s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'55, Lahiri = -21°10'55 Julian Calendar 1 Feb. 1248 BCE == Greg. Calendar 21 Jan. 1248 BCE

The year -1247 astronomical counting style corresponds to year 1248 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1248 BCE
geocentric

MARCH 1248 BCE (-1247) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 49 21	29♒21'21	0♏10	11♒50	0♒51	15♐37	25°R51	12♑34	29♈43	4♈14	4°R53	15°R46	14♑42	20♐16	n.a.	W 1
T 2	9 53 17	0♓20'04	12°32	13°34	2° 4	16°19	25♊50	12°40	29°45	4°16	4♌52	15♑42	14°39	20°23	n.a.	T 2
F 3	9 57 14	1°18'44	24°38	15°20	3°17	17° 1	25°D50	12°45	29°47	4°18	4°50	15°40	14°36	20°29	n.a.	F 3
S 4	10 1 11	2°17'23	6♐33	17° 7	4°30	17°43	25°50	12°51	29°49	4°20	4°49	15°D40	14°33	20°36	n.a.	S 4
S 5	10 5 7	3°16'00	18°23	18°55	5°43	18°25	25°50	12°56	29°52	4°22	4°47	15°41	14°30	20°43	n.a.	S 5
M 6	10 9 4	4°14'35	0♑11	20°45	6°55	19° 8	25°51	13° 2	29°54	4°24	4°46	15°42	14°26	20°49	n.a.	M 6
T 7	10 13 0	5°13'09	12° 5	22°37	8° 8	19°50	25°51	13° 7	29°56	4°26	4°45	15°R43	14°23	20°56	n.a.	T 7
W 8	10 16 57	6°11'40	24° 7	24°30	9°21	20°32	25°52	13°13	29°59	4°28	4°43	15°43	14°20	21° 3	n.a.	W 8
T 9	10 20 53	7°10'10	6♒22	26°25	10°34	21°14	25°53	13°18	0♉ 1	4°30	4°42	15°41	14°17	21° 9	n.a.	T 9
F 10	10 24 50	8° 8'37	18°52	28°21	11°47	21°56	25°54	13°23	0° 3	4°32	4°41	15°36	14°14	21°16	n.a.	F 10
S 11	10 28 46	9° 7'03	1♓40	0♓19	13° 0	22°38	25°55	13°28	0° 6	4°34	4°40	15°30	14°11	21°23	n.a.	S 11
S 12	10 32 43	10° 5'27	14°45	2°19	14°13	23°20	25°57	13°34	0° 8	4°36	4°38	15°21	14° 7	21°29	n.a.	S 12
M13	10 36 39	11° 3'48	28° 6	4°19	15°26	24° 2	25°59	13°39	0°11	4°38	4°37	15°12	14° 4	21°36	n.a.	M13
T 14	10 40 36	12° 2'08	11♈41	6°21	16°39	24°44	26° 0	13°44	0°14	4°40	4°36	15° 2	14° 1	21°43	n.a.	T 14
W15	10 44 33	13° 0'25	25°28	8°25	17°52	25°25	26° 2	13°48	0°16	4°42	4°35	14°54	13°58	21°49	n.a.	W15
T 16	10 48 29	13°58'41	9♉24	10°30	19° 5	26° 7	26° 5	13°53	0°19	4°45	4°33	14°47	13°55	21°56	n.a.	T 16
F 17	10 52 26	14°56'54	23°26	12°36	20°17	26°49	26° 7	13°58	0°22	4°47	4°32	14°43	13°51	22° 3	n.a.	F 17
S 18	10 56 22	15°55'05	7♊31	14°42	21°30	27°31	26°10	14° 3	0°24	4°49	4°31	14°41	13°48	22° 9	n.a.	S 18
S 19	11 0 19	16°53'14	21°39	16°50	22°43	28°13	26°12	14° 7	0°27	4°51	4°30	14°D41	13°45	22°16	n.a.	S 19
M20	11 4 15	17°51'21	5♋47	18°58	23°56	28°55	26°15	14°12	0°30	4°53	4°29	14°41	13°42	22°23	n.a.	M20
T 21	11 8 12	18°49'26	19°56	21° 7	25° 9	29°36	26°18	14°16	0°33	4°55	4°28	14°R41	13°39	22°29	n.a.	T 21
W22	11 12 8	19°47'28	4♌ 3	23°16	26°22	0♑18	26°22	14°21	0°36	4°57	4°27	14°40	13°36	22°36	n.a.	W22
T 23	11 16 5	20°45'29	18° 5	25°25	27°35	1° 0	26°25	14°25	0°38	5° 0	4°26	14°36	13°32	22°43	n.a.	T 23
F 24	11 20 2	21°43'27	2♍ 1	27°33	28°48	1°41	26°29	14°29	0°41	5° 2	4°25	14°30	13°29	22°49	n.a.	F 24
S 25	11 23 58	22°41'24	15°46	29°41	0♓ 1	2°23	26°33	14°33	0°44	5° 4	4°24	14°21	13°26	22°56	n.a.	S 25
S 26	11 27 55	23°39'18	29°17	1♈48	1°14	3° 4	26°37	14°37	0°47	5° 6	4°23	14°10	13°23	23° 3	n.a.	S 26
M27	11 31 51	24°37'11	12♎31	3°54	2°27	3°46	26°41	14°41	0°50	5° 8	4°22	13°58	13°20	23° 9	n.a.	M27
T 28	11 35 48	25°35'03	25°27	5°58	3°40	4°27	26°45	14°45	0°53	5°11	4°21	13°47	13°16	23°16	n.a.	T 28
W29	11 39 44	26°32'53	8♏ 4	8° 1	4°53	5° 9	26°49	14°49	0°56	5°13	4°20	13°37	13°13	23°22	n.a.	W29
T 30	11 43 41	27°30'41	20°25	10° 1	6° 6	5°50	26°54	14°53	0°59	5°15	4°20	13°30	13°10	23°29	n.a.	T 30
F 31	11 47 37	28♓28'29	2♐30	11♈59	7♓19	6♑32	26♊59	14♑57	1♉ 2	5♈17	4♌19	13♑25	13♑ 7	23♐36	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11s53	16s23	5s 0	19s41	2s14	21s11	0s54	23s23	0s20	24n33	0n46	23s47	0s33	11n15	0s20	0s 8	2s 1	34n10	15n20	22s54	23s 1	25s36			n.a.
T 2	11 32	20 14	4 37	19 10	2 14	20 57	0 57	23 29	0 21	24 33	0 46	23 47	0 33	11 16	0 20	0 7	2 0	34 10	15 20	22 54	23 1	25 36			n.a.
F 3	11 11	23 8	4 1	18 37	2 12	20 42	0 59	23 34	0 23	24 33	0 46	23 47	0 33	11 17	0 20	0 6	2 0	34 11	15 20	22 54	23 2	25 36			n.a.
S 4	10 50	24 59	3 16	18 2	2 11	20 27	1 1	23 40	0 24	24 33	0 46	23 46	0 34	11 17	0 20	0 5	2 0	34 11	15 19	22 54	23 2	25 35			n.a.
S 5	10 29	25 41	2 22	17 26	2 8	20 10	1 3	23 45	0 25	24 33	0 46	23 46	0 34	11 18	0 20	0 4	2 0	34 11	15 19	22 54	23 2	25 35			n.a.
M 6	10 7	25 14	1 23	16 48	2 5	19 54	1 5	23 50	0 27	24 33	0 46	23 45	0 34	11 19	0 20	0 4	2 0	34 11	15 19	22 54	23 3	25 35			n.a.
T 7	9 45	23 37	0 20	16 8	2 2	19 36	1 7	23 55	0 28	24 33	0 46	23 45	0 34	11 20	0 20	0 3	2 0	34 11	15 19	22 54	23 3	25 34			n.a.
W 8	9 23	20 55	0n45	15 26	1 58	19 19	1 8	23 59	0 29	24 33	0 46	23 44	0 34	11 21	0 20	0 2	2 0	34 12	15 19	22 54	23 3	25 34			n.a.
T 9	9 1	17 14	1 49	14 42	1 54	19 0	1 10	24 3	0 31	24 33	0 46	23 44	0 34	11 22	0 20	0 1	2 0	34 12	15 19	22 54	23 4	25 34			n.a.
F 10	8 39	12 45	2 49	13 56	1 49	18 41	1 12	24 8	0 32	24 33	0 46	23 44	0 34	11 23	0 20	0 0	2 0	34 12	15 18	22 55	23 4	25 33			n.a.
S 11	8 17	7 38	3 41	13 9	1 43	18 22	1 13	24 11	0 33	24 33	0 46	23 43	0 34	11 23	0 20	0n 1	2 0	34 12	15 18	22 56	23 4	25 33			n.a.
S 12	7 55	2 4	4 23	12 20	1 37	18 2	1 15	24 15	0 35	24 33	0 46	23 43	0 35	11 24	0 20	0 2	2 0	34 12	15 18	22 57	23 5	25 33			n.a.
M13	7 32	3n41	4 52	11 29	1 30	17 42	1 16	24 19	0 36	24 33	0 46	23 42	0 35	11 25	0 20	0 2	2 0	34 12	15 18	22 58	23 5	25 32			n.a.
T 14	7 10	9 21	5 5	10 37	1 23	17 21	1 18	24 22	0 38	24 33	0 46	23 42	0 35	11 26	0 20	0 3	2 0	34 12	15 17	22 59	23 6	25 32			n.a.
W15	6 47	14 39	5 0	9 43	1 15	16 59	1 19	24 25	0 39	24 33	0 46	23 42	0 35	11 27	0 20	0 4	2 0	34 13	15 17	23 0	23 6	25 32			n.a.
T 16	6 24	19 14	4 38	8 47	1 7	16 38	1 21	24 28	0 41	24 33	0 46	23 41	0 35	11 28	0 20	0 5	2 0	34 13	15 17	23 0	23 6	25 31			n.a.
F 17	6 2	22 47	3 59	7 51	0 58	16 15	1 22	24 30	0 42	24 33	0 46	23 41	0 35	11 29	0 19	0 6	2 0	34 13	15 17	23 1	23 7	25 31			n.a.
S 18	5 39	24 58	3 5	6 53	0 49	15 53	1 23	24 33	0 44	24 33	0 46	23 40	0 35	11 30	0 19	0 7	2 0	34 13	15 16	23 1	23 7	25 30			n.a.
S 19	5 16	25 34	2 0	5 54	0 40	15 30	1 24	24 35	0 45	24 33	0 46	23 40	0 35	11 31	0 19	0 8	2 0	34 13	15 16	23 1	23 7	25 30			n.a.
M20	4 53	24 30	0 47	4 54	0 30	15 6	1 25	24 37	0 47	24 33	0 46	23 40	0 36	11 32	0 19	0 9	2 0	34 13	15 16	23 1	23 8	25 30			n.a.
T 21	4 30	21 53	0s28	3 53	0 20	14 42	1 26	24 39	0 48	24 33	0 46	23 39	0 36	11 33	0 19	0 9	2 0	34 13	15 16	23 1	23 8	25 29			n.a.
W22	4 7	17 56	1 41	2 52	0 9	14 18	1 27	24 40	0 50	24 33	0 46	23 39	0 36	11 34	0 19	0 10	2 0	34 13	15 15	23 1	23 8	25 29			n.a.
T 23	3 43	13 0	2 48	1 50	0n 1	13 53	1 28	24 42	0 51	24 33	0 46	23 39	0 36	11 35	0 19	0 11	2 0	34 13	15 15	23 2	23 8	25 28			n.a.
F 24	3 20	7 27	3 44	0 48	0 12	13 28	1 28	24 43	0 53	24 33	0 46	23 38	0 36	11 36	0 19	0 12	2 0	34 13	15 15	23 2	23 9	25 28			n.a.
S 25	2 57	1 38	4 26	0n13	0 23	13 2	1 29	24 44	0 54	24 33	0 45	23 38	0 36	11 37	0 19	0 13	2 0	34 13	15 14	23 3	23 9	25 27			n.a.
S 26	2 34	4s10	4 52	1 15	0 34	12 37	1 30	24 44	0 56	24 33	0 45	23 38	0 36	11 38	0 19	0 14	2 0	34 13	15 14	23 5	23 9	25 27			n.a.
M27	2 10	9 39	5 2	2 15	0 45	12 11	1 30	24 45	0 57	24 33	0 45	23 37	0 37	11 40	0 19	0 15	2 0	34 13	15 14	23 6	23 10	25 26			n.a.
T 28	1 47	14 35	4 56	3 15	0 55	11 44	1 31	24 45	0 59	24 34	0 45	23 37	0 37	11 41	0 19	0 16	2 0	34 13	15 14	23 7	23 10	25 26			n.a.
W29	1 24	18 46	4 35	4 14	1 5	11 17	1 31	24 45	1 1	24 34	0 45	23 37	0 37	11 42	0 19	0 17	2 0	34 12	15 13	23 8	23 10	25 25			n.a.
T 30	1 0	22 2	4 2	5 11	1 16	10 50	1 31	24 45	1 2	24 34	0 45	23 37	0 37	11 43	0 19	0 18	2 0	34 12	15 13	23 9	23 11	25 25			n.a.
F 31	0s37	24s16	3s19	6n 7	1n25	10s23	1s32	24s45	1s 4	24n34	0n45	23s36	0s37	11n44	0s19	0n19	2s 0	34n12	15n13	23s 9	23s11	25s24			n.a.

Julian Day Number = 1265650.5, Delta T = 08h22m01s
Ecliptic obliquity = 23°50'37, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'51, Lahiri = -21°10'51 Julian Calendar 1 March 1248 BCE == Greg. Calendar 18 Feb. 1248 BCE

The year -1247 astronomical counting style corresponds to year 1248 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1248 BCE
geocentric

APRIL 1248 BCE (-1247) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 51 34	29♓26'14	14♐26	13♈55	8♓32	7♑13	27♊ 4	15♑ 0	1♉ 6	5♈20	4°R18	13°R22	13♑ 4	23♐42	n.a.	S 1
S 2	11 55 30	0♈23'59	26°15	15°47	9°45	7°54	27° 9	15° 4	1° 9	5°22	4♌17	13°D21	13° 1	23°49	n.a.	S 2
M 3	11 59 27	1°21'42	8♑ 5	17°37	10°58	8°35	27°14	15° 7	1°12	5°24	4°17	13°R21	12°57	23°56	n.a.	M 3
T 4	12 3 24	2°19'24	19°59	19°24	12°11	9°17	27°19	15°10	1°15	5°26	4°16	13♑21	12°54	24° 2	n.a.	T 4
W 5	12 7 20	3°17'05	2♒ 3	21° 8	13°24	9°58	27°25	15°14	1°18	5°29	4°15	13°20	12°51	24° 9	n.a.	W 5
T 6	12 11 17	4°14'44	14°23	22°49	14°37	10°39	27°31	15°17	1°22	5°31	4°15	13°16	12°48	24°16	n.a.	T 6
F 7	12 15 13	5°12'22	27° 2	24°26	15°50	11°20	27°36	15°20	1°25	5°33	4°14	13°11	12°45	24°22	n.a.	F 7
S 8	12 19 10	6° 9'59	10♓ 2	26° 0	17° 3	12° 1	27°42	15°23	1°28	5°35	4°13	13° 2	12°42	24°29	n.a.	S 8
S 9	12 23 6	7° 7'35	23°25	27°31	18°17	12°41	27°49	15°26	1°31	5°38	4°13	12°52	12°38	24°36	n.a.	S 9
M10	12 27 3	8° 5'09	7♈ 8	28°58	19°30	13°22	27°55	15°29	1°35	5°40	4°12	12°40	12°35	24°42	n.a.	M10
T 11	12 30 59	9° 2'42	21° 9	0♉22	20°43	14° 3	28° 1	15°31	1°38	5°42	4°12	12°28	12°32	24°49	n.a.	T 11
W12	12 34 56	10° 0'14	5♉22	1°42	21°56	14°44	28° 8	15°34	1°41	5°44	4°11	12°17	12°29	24°56	n.a.	W12
T 13	12 38 53	10°57'44	19°42	2°58	23° 9	15°24	28°14	15°36	1°45	5°47	4°11	12° 9	12°26	25° 2	n.a.	T 13
F 14	12 42 49	11°55'13	4♊ 4	4°11	24°22	16° 5	28°21	15°39	1°48	5°49	4°11	12° 3	12°22	25° 9	n.a.	F 14
S 15	12 46 46	12°52'40	18°24	5°20	25°35	16°45	28°28	15°41	1°51	5°51	4°10	12° 0	12°19	25°16	n.a.	S 15
S 16	12 50 42	13°50'06	2♋38	6°25	26°48	17°25	28°35	15°43	1°55	5°53	4°10	11°59	12°16	25°22	n.a.	S 16
M17	12 54 39	14°47'31	16°44	7°26	28° 1	18° 6	28°43	15°46	1°58	5°56	4°10	11°59	12°13	25°29	n.a.	M17
T 18	12 58 35	15°44'54	0♌43	8°24	29°15	18°46	28°50	15°48	2° 2	5°58	4° 9	11°58	12°10	25°36	n.a.	T 18
W19	13 2 32	16°42'15	14°32	9°17	0♈28	19°26	28°57	15°50	2° 5	6° 0	4° 9	11°56	12° 7	25°42	n.a.	W19
T 20	13 6 28	17°39'36	28°14	10° 7	1°41	20° 6	29° 5	15°51	2° 9	6° 2	4° 9	11°52	12° 3	25°49	n.a.	T 20
F 21	13 10 25	18°36'54	11♍45	10°52	2°54	20°46	29°13	15°53	2°12	6° 4	4° 9	11°45	12° 0	25°55	n.a.	F 21
S 22	13 14 22	19°34'12	25° 6	11°33	4° 7	21°26	29°21	15°55	2°16	6° 7	4° 8	11°35	11°57	26° 2	n.a.	S 22
S 23	13 18 18	20°31'29	8♎15	12°10	5°20	22° 5	29°29	15°56	2°19	6° 9	4° 8	11°23	11°54	26° 9	n.a.	S 23
M24	13 22 15	21°28'44	21°10	12°42	6°34	22°45	29°37	15°58	2°22	6°11	4° 8	11°11	11°51	26°15	n.a.	M24
T 25	13 26 11	22°25'59	3♏51	13°10	7°47	23°24	29°45	15°59	2°26	6°13	4° 8	10°59	11°47	26°22	n.a.	T 25
W26	13 30 8	23°23'13	16°18	13°34	9° 0	24° 4	29°53	16° 1	2°29	6°15	4°D 8	10°48	11°44	26°29	n.a.	W26
T 27	13 34 4	24°20'26	28°31	13°53	10°13	24°43	0♋ 2	16° 2	2°33	6°18	4° 8	10°39	11°41	26°35	n.a.	T 27
F 28	13 38 1	25°17'38	10♐32	14° 7	11°26	25°22	0°10	16° 3	2°37	6°20	4° 8	10°33	11°38	26°42	n.a.	F 28
S 29	13 41 57	26°14'50	22°25	14°17	12°40	26° 1	0°19	16° 4	2°40	6°22	4° 8	10°30	11°35	26°49	n.a.	S 29
S 30	13 45 54	27♈12'02	4♑14	14♉22	13♈53	26♑40	0♋28	16♑ 5	2♉44	6♈24	4♌ 8	10♑28	11♑32	26♐55	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s14	25s21	2s27	7n 1	1n34	9s55	1s32	24s44	1s 6	24n34	0n45	23s36	0s37	11n45	0s19	0n19	2s 0	34n12	15n12	23s10	23s11	25s24		n.a.
S 2	0n10	25 17	1 30	7 54	1 43	9 28	1 32	24 43	1 7	24 34	0 45	23 36	0 37	11 46	0 19	0 20	2 0	34 12	15 12	23 10	23 12	25 23		n.a.
M 3	0 33	24 3	0 28	8 44	1 51	8 59	1 32	24 42	1 9	24 34	0 45	23 35	0 38	11 47	0 19	0 21	2 0	34 12	15 12	23 10	23 12	25 23		n.a.
T 4	0 56	21 45	0n35	9 33	1 59	8 31	1 32	24 41	1 11	24 34	0 45	23 35	0 38	11 48	0 19	0 22	2 0	34 12	15 11	23 10	23 12	25 22		n.a.
W 5	1 20	18 27	1 38	10 19	2 6	8 2	1 32	24 40	1 12	24 34	0 45	23 35	0 38	11 50	0 19	0 23	2 0	34 12	15 11	23 10	23 13	25 22		n.a.
T 6	1 43	14 18	2 37	11 3	2 12	7 34	1 32	24 38	1 14	24 34	0 45	23 35	0 38	11 51	0 19	0 24	2 0	34 11	15 10	23 10	23 13	25 21		n.a.
F 7	2 6	9 26	3 29	11 45	2 18	7 5	1 32	24 37	1 16	24 34	0 45	23 35	0 38	11 52	0 19	0 25	2 0	34 11	15 10	23 11	23 13	25 21		n.a.
S 8	2 29	4 2	4 13	12 25	2 23	6 36	1 31	24 35	1 17	24 34	0 45	23 34	0 38	11 53	0 19	0 26	2 0	34 11	15 10	23 12	23 14	25 20		n.a.
S 9	2 52	1n40	4 44	13 2	2 27	6 6	1 31	24 32	1 19	24 35	0 45	23 34	0 38	11 54	0 19	0 27	2 0	34 11	15 9	23 13	23 14	25 20		n.a.
M10	3 16	7 26	4 59	13 37	2 30	5 37	1 31	24 30	1 21	24 35	0 45	23 34	0 39	11 55	0 19	0 28	2 0	34 11	15 9	23 14	23 14	25 19		n.a.
T 11	3 39	12 58	4 57	14 10	2 32	5 7	1 30	24 28	1 23	24 35	0 45	23 34	0 39	11 57	0 19	0 28	2 0	34 10	15 9	23 15	23 14	25 18		n.a.
W12	4 2	17 52	4 37	14 40	2 34	4 37	1 30	24 25	1 25	24 35	0 45	23 34	0 39	11 58	0 19	0 29	2 0	34 10	15 8	23 16	23 15	25 18		n.a.
T 13	4 25	21 47	3 59	15 8	2 35	4 7	1 29	24 22	1 26	24 35	0 45	23 33	0 39	11 59	0 19	0 30	2 0	34 10	15 8	23 17	23 15	25 17		n.a.
F 14	4 47	24 22	3 6	15 33	2 35	3 37	1 28	24 19	1 28	24 35	0 45	23 33	0 39	12 0	0 19	0 31	2 0	34 10	15 8	23 17	23 15	25 17		n.a.
S 15	5 10	25 20	2 1	15 56	2 34	3 7	1 28	24 16	1 30	24 35	0 45	23 33	0 39	12 1	0 19	0 32	2 0	34 9	15 7	23 17	23 16	25 16		n.a.
S 16	5 33	24 38	0 49	16 17	2 33	2 37	1 27	24 12	1 32	24 35	0 45	23 33	0 39	12 3	0 19	0 33	2 0	34 9	15 7	23 18	23 16	25 16		n.a.
M17	5 55	22 22	0s25	16 35	2 30	2 6	1 26	24 9	1 34	24 35	0 45	23 33	0 40	12 4	0 19	0 34	2 0	34 9	15 6	23 18	23 16	25 15		n.a.
T 18	6 18	18 45	1 37	16 51	2 27	1 36	1 25	24 5	1 36	24 35	0 45	23 33	0 40	12 5	0 19	0 35	2 0	34 8	15 6	23 18	23 17	25 14		n.a.
W19	6 40	14 9	2 43	17 4	2 22	1 6	1 24	24 1	1 37	24 35	0 45	23 33	0 40	12 6	0 19	0 36	2 0	34 8	15 6	23 18	23 17	25 14		n.a.
T 20	7 3	8 53	3 39	17 15	2 17	0 35	1 23	23 57	1 39	24 35	0 45	23 33	0 40	12 7	0 19	0 37	2 0	34 8	15 5	23 18	23 17	25 13		n.a.
F 21	7 25	3 16	4 21	17 24	2 11	0 5	1 22	23 52	1 41	24 35	0 45	23 33	0 40	12 9	0 19	0 37	2 0	34 7	15 5	23 19	23 17	25 12		n.a.
S 22	7 47	2s25	4 49	17 31	2 4	0n26	1 21	23 48	1 43	24 35	0 45	23 33	0 40	12 10	0 19	0 38	2 0	34 7	15 4	23 20	23 18	25 12		n.a.
S 23	8 9	7 54	5 0	17 35	1 56	0 57	1 19	23 43	1 45	24 35	0 45	23 33	0 40	12 11	0 19	0 39	2 0	34 7	15 4	23 21	23 18	25 11		n.a.
M24	8 31	12 57	4 56	17 36	1 47	1 27	1 18	23 39	1 47	24 35	0 45	23 33	0 41	12 12	0 19	0 40	2 0	34 6	15 4	23 22	23 18	25 10		n.a.
T 25	8 52	17 21	4 37	17 36	1 37	1 58	1 17	23 34	1 49	24 35	0 45	23 33	0 41	12 14	0 19	0 41	2 0	34 6	15 3	23 23	23 19	25 10		n.a.
W26	9 14	20 54	4 6	17 33	1 26	2 28	1 16	23 29	1 51	24 35	0 45	23 33	0 41	12 15	0 19	0 42	2 0	34 6	15 3	23 24	23 19	25 9		n.a.
T 27	9 35	23 28	3 23	17 28	1 15	2 59	1 14	23 23	1 53	24 35	0 45	23 33	0 41	12 16	0 19	0 43	2 0	34 5	15 2	23 24	23 19	25 8		n.a.
F 28	9 57	24 54	2 32	17 20	1 3	3 29	1 13	23 18	1 55	24 35	0 45	23 33	0 41	12 17	0 19	0 43	2 0	34 5	15 2	23 25	23 19	25 8		n.a.
S 29	10 18	25 12	1 34	17 11	0 50	4 0	1 11	23 13	1 57	24 35	0 45	23 33	0 41	12 19	0 19	0 44	2 0	34 4	15 2	23 25	23 20	25 7		n.a.
S 30	10n39	24s20	0s33	16n59	0n36	4n30	1s10	23s 7	1s59	24n35	0n45	23s33	0s42	12n20	0s19	0n45	2s 0	34n 4	15n 1	23s25	23s20	25s 6		n.a.

Julian Day Number = 1265681.5, Delta T = 08h22m00s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'47, Lahiri = -21°10'47 Julian Calendar 1 Apr. 1248 BCE == Greg. Calendar 21 March 1248 BCE

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ASTRODIENST EPHEMERIS for the year 1248 BCE
geocentric

MAY 1248 BCE (-1247) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 49 51	28♈ 9'12	16♉ 2	14°R23	15♈ 6	27♉19	0♋37	16♉ 5	2♉47	6♈26	4♌ 8	10°D28	11♉28	27♐ 2	n.a.	M 1
T 2	13 53 47	29° 6'23	27°56	14♉19	16°19	27°58	0°46	16° 6	2°51	6°28	4° 9	10°R28	11°25	27° 9	n.a.	T 2
W 3	13 57 44	0♉ 3'33	10♒ 1	14°11	17°33	28°37	0°55	16° 7	2°54	6°30	4° 9	10♉28	11°22	27°15	n.a.	W 3
T 4	14 1 40	1° 0'42	22°22	13°59	18°46	29°15	1° 4	16° 7	2°58	6°32	4° 9	10°26	11°19	27°22	n.a.	T 4
F 5	14 5 37	1°57'52	5♓ 4	13°43	19°59	29°54	1°13	16° 8	3° 1	6°35	4° 9	10°22	11°16	27°29	n.a.	F 5
S 6	14 9 33	2°55'01	18° 9	13°23	21°13	0♒32	1°23	16° 8	3° 5	6°37	4°10	10°15	11°13	27°35	n.a.	S 6
S 7	14 13 30	3°52'09	1♈41	12°59	22°26	1°10	1°32	16° 8	3° 8	6°39	4°10	10° 7	11° 9	27°42	n.a.	S 7
M 8	14 17 26	4°49'17	15°38	12°33	23°39	1°48	1°42	16°R 8	3°12	6°41	4°10	9°57	11° 6	27°49	n.a.	M 8
T 9	14 21 23	5°46'25	29°57	12° 4	24°53	2°25	1°51	16° 8	3°15	6°43	4°11	9°47	11° 3	27°55	n.a.	T 9
W10	14 25 20	6°43'33	14♉32	11°32	26° 6	3° 3	2° 1	16° 8	3°19	6°45	4°11	9°38	11° 0	28° 2	n.a.	W10
T 11	14 29 16	7°40'40	29°16	10°59	27°20	3°40	2°11	16° 8	3°23	6°47	4°12	9°31	10°57	28° 8	n.a.	T 11
F 12	14 33 13	8°37'47	14♊ 2	10°26	28°33	4°18	2°21	16° 8	3°26	6°49	4°12	9°26	10°53	28°15	n.a.	F 12
S 13	14 37 9	9°34'53	28°42	9°51	29°46	4°55	2°31	16° 7	3°30	6°51	4°12	9°24	10°50	28°22	n.a.	S 13
S 14	14 41 6	10°31'59	13♋11	9°17	1♉ 0	5°32	2°41	16° 7	3°33	6°53	4°13	9°D24	10°47	28°28	n.a.	S 14
M15	14 45 2	11°29'04	27°26	8°43	2°13	6° 8	2°52	16° 6	3°37	6°55	4°14	9°24	10°44	28°35	n.a.	M15
T 16	14 48 59	12°26'09	11♌26	8°10	3°27	6°45	3° 2	16° 5	3°40	6°56	4°14	9°R25	10°41	28°42	n.a.	T 16
W17	14 52 56	13°23'13	25°10	7°40	4°40	7°21	3°12	16° 5	3°44	6°58	4°15	9°24	10°38	28°48	n.a.	W17
T 18	14 56 52	14°20'17	8♍38	7°11	5°54	7°58	3°23	16° 4	3°47	7° 0	4°15	9°22	10°34	28°55	n.a.	T 18
F 19	15 0 49	15°17'20	21°53	6°46	7° 7	8°34	3°34	16° 3	3°51	7° 2	4°16	9°17	10°31	29° 2	n.a.	F 19
S 20	15 4 45	16°14'23	4♎54	6°24	8°21	9° 9	3°44	16° 2	3°54	7° 4	4°17	9°10	10°28	29° 8	n.a.	S 20
S 21	15 8 42	17°11'25	17°42	6° 5	9°34	9°45	3°55	16° 0	3°58	7° 6	4°18	9° 2	10°25	29°15	n.a.	S 21
M22	15 12 38	18° 8'28	0♏18	5°50	10°48	10°20	4° 6	15°59	4° 1	7° 8	4°18	8°53	10°22	29°22	n.a.	M22
T 23	15 16 35	19° 5'30	12°43	5°40	12° 1	10°56	4°17	15°58	4° 5	7° 9	4°19	8°44	10°19	29°28	n.a.	T 23
W24	15 20 31	20° 2'33	24°56	5°34	13°15	11°31	4°28	15°56	4° 8	7°11	4°20	8°36	10°15	29°35	n.a.	W24
T 25	15 24 28	20°59'36	6♐59	5°D33	14°28	12° 5	4°39	15°55	4°11	7°13	4°21	8°30	10°12	29°42	n.a.	T 25
F 26	15 28 25	21°56'39	18°55	5°37	15°42	12°40	4°50	15°53	4°15	7°15	4°22	8°26	10° 9	29°48	n.a.	F 26
S 27	15 32 21	22°53'42	0♑44	5°46	16°55	13°14	5° 1	15°51	4°18	7°16	4°23	8°24	10° 6	29°55	n.a.	S 27
S 28	15 36 18	23°50'45	12°31	6° 0	18° 9	13°48	5°12	15°50	4°22	7°18	4°24	8°D24	10° 3	0♑ 2	n.a.	S 28
M29	15 40 14	24°47'49	24°20	6°18	19°23	14°22	5°24	15°48	4°25	7°20	4°25	8°25	9°59	0° 8	n.a.	M29
T 30	15 44 11	25°44'54	6♒14	6°42	20°36	14°56	5°35	15°46	4°28	7°21	4°26	8°26	9°56	0°15	n.a.	T 30
W31	15 48 7	26♉41'59	18♒18	7♉12	21♉50	15♒29	5♋46	15♉43	4♉32	7♈23	4♌27	8♉28	9♉53	0♑21	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat	
M 1	11n 0	22s22	0n30	16n46	0n21	5n 0	1s 8	23s 1	2s 1	24n35	0n45	23s33	0s42	12n21	0s19	0n46	2s 0	34n 4	15n 1	23s25	23s20	25s 6		n.a.		M 1
T 2	11 20	19 26	1 32	16 30	0 6	5 30	1 6	22 55	2 3	24 35	0 45	23 33	0 42	12 22	0 19	0 47	2 0	34 3	15 0	23 25	23 21	25 5		n.a.		T 2
W 3	11 41	15 37	2 31	16 13	0s10	6 1	1 5	22 49	2 5	24 35	0 45	23 33	0 42	12 23	0 19	0 48	2 0	34 3	15 0	23 25	23 21	25 4		n.a.		W 3
T 4	12 1	11 5	3 24	15 54	0 26	6 30	1 3	22 43	2 7	24 35	0 45	23 33	0 42	12 25	0 19	0 48	2 0	34 2	14 59	23 26	23 21	25 4		n.a.		T 4
F 5	12 21	5 58	4 8	15 33	0 42	7 0	1 1	22 37	2 9	24 35	0 45	23 33	0 42	12 26	0 19	0 49	2 0	34 2	14 59	23 26	23 21	25 3		n.a.		F 5
S 6	12 41	0 27	4 42	15 11	0 59	7 30	0 59	22 30	2 11	24 35	0 45	23 33	0 43	12 27	0 19	0 50	2 0	34 1	14 59	23 26	23 22	25 2		n.a.		S 6
S 7	13 1	5n15	5 0	14 48	1 16	7 59	0 57	22 24	2 13	24 35	0 45	23 33	0 43	12 28	0 19	0 51	2 0	34 1	14 58	23 27	23 22	25 1		n.a.		S 7
M 8	13 21	10 53	5 2	14 24	1 32	8 29	0 55	22 17	2 15	24 35	0 45	23 33	0 43	12 30	0 19	0 52	2 0	34 0	14 58	23 28	23 22	25 1		n.a.		M 8
T 9	13 40	16 4	4 45	13 59	1 49	8 58	0 53	22 10	2 17	24 34	0 45	23 34	0 43	12 31	0 19	0 52	2 0	34 0	14 57	23 29	23 22	25 0		n.a.		T 9
W10	13 59	20 26	4 10	13 34	2 5	9 27	0 51	22 4	2 19	24 34	0 45	23 34	0 43	12 32	0 19	0 53	2 0	33 59	14 57	23 29	23 23	24 59		n.a.		W10
T 11	14 18	23 32	3 17	13 9	2 21	9 56	0 49	21 57	2 21	24 34	0 45	23 34	0 43	12 33	0 19	0 54	2 0	33 59	14 57	23 30	23 23	24 58		n.a.		T 11
F 12	14 37	25 2	2 11	12 44	2 36	10 24	0 47	21 50	2 23	24 34	0 45	23 34	0 43	12 35	0 19	0 55	2 0	33 58	14 56	23 30	23 23	24 58		n.a.		F 12
S 13	14 56	24 47	0 57	12 20	2 50	10 52	0 45	21 43	2 26	24 34	0 45	23 34	0 44	12 36	0 19	0 55	2 0	33 58	14 56	23 30	23 24	24 57		n.a.		S 13
S 14	15 14	22 50	0s20	11 56	3 4	11 21	0 43	21 35	2 28	24 33	0 45	23 35	0 44	12 37	0 19	0 56	2 0	33 57	14 55	23 30	23 24	24 56		n.a.		S 14
M15	15 32	19 28	1 35	11 33	3 16	11 48	0 41	21 28	2 30	24 33	0 45	23 35	0 44	12 38	0 19	0 57	2 0	33 57	14 55	23 30	23 24	24 55		n.a.		M15
T 16	15 50	15 2	2 43	11 12	3 27	12 16	0 39	21 21	2 32	24 33	0 45	23 35	0 44	12 39	0 19	0 58	2 0	33 56	14 55	23 30	23 24	24 54		n.a.		T 16
W17	16 7	9 54	3 40	10 53	3 37	12 43	0 37	21 13	2 34	24 33	0 45	23 35	0 44	12 41	0 19	0 58	2 1	33 56	14 54	23 30	23 25	24 54		n.a.		W17
T 18	16 25	4 24	4 24	10 36	3 46	13 10	0 34	21 6	2 36	24 33	0 45	23 36	0 44	12 42	0 19	0 59	2 1	33 55	14 54	23 30	23 25	24 53		n.a.		T 18
F 19	16 42	1s12	4 52	10 20	3 53	13 37	0 32	20 58	2 39	24 32	0 45	23 36	0 45	12 43	0 19	1 0	2 1	33 54	14 53	23 31	23 25	24 52		n.a.		F 19
S 20	16 58	6 38	5 5	10 7	3 59	14 3	0 30	20 51	2 41	24 32	0 45	23 36	0 45	12 44	0 19	1 1	2 1	33 54	14 53	23 31	23 25	24 51		n.a.		S 20
S 21	17 15	11 42	5 3	9 57	4 3	14 29	0 28	20 43	2 43	24 32	0 45	23 36	0 45	12 46	0 19	1 1	2 1	33 53	14 53	23 32	23 26	24 50		n.a.		S 21
M22	17 31	16 13	4 45	9 49	4 6	14 55	0 25	20 35	2 45	24 31	0 45	23 37	0 45	12 47	0 19	1 2	2 1	33 53	14 52	23 32	23 26	24 50		n.a.		M22
T 23	17 47	19 57	4 15	9 44	4 8	15 20	0 23	20 28	2 47	24 31	0 45	23 37	0 45	12 48	0 19	1 3	2 1	33 52	14 52	23 33	23 26	24 49		n.a.		T 23
W24	18 3	22 45	3 33	9 42	4 9	15 45	0 21	20 20	2 50	24 31	0 45	23 37	0 45	12 49	0 19	1 3	2 1	33 52	14 51	23 34	23 26	24 48		n.a.		W24
T 25	18 18	24 30	2 41	9 42	4 8	16 9	0 18	20 12	2 52	24 30	0 45	23 38	0 46	12 50	0 19	1 4	2 1	33 51	14 51	23 34	23 27	24 47		n.a.		T 25
F 26	18 34	25 5	1 44	9 45	4 6	16 34	0 16	20 4	2 54	24 30	0 45	23 38	0 46	12 51	0 19	1 5	2 1	33 50	14 51	23 34	23 27	24 46		n.a.		F 26
S 27	18 48	24 32	0 41	9 51	4 3	16 57	0 14	19 56	2 56	24 29	0 45	23 39	0 46	12 53	0 19	1 5	2 1	33 50	14 50	23 34	23 27	24 45		n.a.		S 27
S 28	19 3	22 52	0n22	10 0	3 59	17 21	0 11	19 49	2 59	24 29	0 45	23 39	0 46	12 54	0 19	1 6	2 1	33 49	14 50	23 34	23 27	24 44		n.a.		S 28
M29	19 17	20 13	1 25	10 11	3 53	17 43	0 9	19 41	3 1	24 29	0 45	23 39	0 46	12 55	0 19	1 6	2 1	33 48	14 49	23 34	23 28	24 44		n.a.		M29
T 30	19 31	16 41	2 25	10 25	3 47	18 6	0 7	19 33	3 3	24 28	0 45	23 40	0 46	12 56	0 19	1 7	2 1	33 48	14 49	23 34	23 28	24 43		n.a.		T 30
W31	19n45	12s26	3n20	10n41	3s40	18n28	0s 4	19s25	3s 6	24n28	0n45	23s40	0s46	12n57	0s19	1n 8	2s 1	33n47	14n49	23s34	23s28	24s42		n.a.		W31

Julian Day Number = 1265711.5, Delta T = 08h21m58s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'43, Lahiri = -21°10'43 Julian Calendar 1 May 1248 BCE == Greg. Calendar 20 Apr. 1248 BCE

The year -1247 astronomical counting style corresponds to year 1248 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1248 BCE
geocentric

JUNE 1248 BCE (-1247) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 52 4	27♉39'04	0♓38	7♉46	23♉ 4	16♒ 2	5♋58	15°R41	4♉35	7♈25	4♌28	8°R28	9♑50	0♑28	n.a.	T 1
F 2	15 56 1	28°36'10	13°18	8°25	24°17	16°35	6° 9	15♑39	4°38	7°26	4°29	8♑27	9°47	0°35	n.a.	F 2
S 3	15 59 57	29°33'17	26°22	9° 9	25°31	17° 7	6°21	15°37	4°42	7°28	4°30	8°24	9°44	0°41	n.a.	S 3
S 4	16 3 54	0♊30'25	9♈54	9°58	26°45	17°39	6°33	15°34	4°45	7°29	4°31	8°20	9°40	0°48	n.a.	S 4
M 5	16 7 50	1°27'33	23°53	10°52	27°59	18°11	6°45	15°32	4°48	7°31	4°32	8°15	9°37	0°55	n.a.	M 5
T 6	16 11 47	2°24'42	8♉18	11°51	29°12	18°43	6°56	15°29	4°52	7°32	4°34	8°10	9°34	1° 1	n.a.	T 6
W 7	16 15 43	3°21'51	23° 4	12°55	0♊26	19°14	7° 8	15°26	4°55	7°34	4°35	8° 5	9°31	1° 8	n.a.	W 7
T 8	16 19 40	4°19'02	8♊ 3	14° 3	1°40	19°45	7°20	15°24	4°58	7°35	4°36	8° 1	9°28	1°15	n.a.	T 8
F 9	16 23 36	5°16'13	23° 7	15°16	2°54	20°15	7°32	15°21	5° 1	7°36	4°37	7°59	9°25	1°21	n.a.	F 9
S 10	16 27 33	6°13'24	8♋ 7	16°34	4° 8	20°46	7°44	15°18	5° 4	7°38	4°39	7°D58	9°21	1°28	n.a.	S 10
S 11	16 31 30	7°10'36	22°55	17°56	5°22	21°16	7°56	15°15	5° 8	7°39	4°40	7°58	9°18	1°35	n.a.	S 11
M12	16 35 26	8° 7'49	7♌26	19°22	6°35	21°45	8° 8	15°12	5°11	7°40	4°41	8° 0	9°15	1°41	n.a.	M12
T 13	16 39 23	9° 5'01	21°35	20°52	7°49	22°14	8°21	15° 8	5°14	7°42	4°43	8° 1	9°12	1°48	n.a.	T 13
W14	16 43 19	10° 2'15	5♍23	22°27	9° 3	22°43	8°33	15° 5	5°17	7°43	4°44	8°R 2	9° 9	1°55	n.a.	W14
T 15	16 47 16	10°59'28	18°50	24° 5	10°17	23°12	8°45	15° 2	5°20	7°44	4°46	8° 2	9° 5	2° 1	n.a.	T 15
F 16	16 51 12	11°56'43	1♎56	25°48	11°31	23°40	8°57	14°58	5°23	7°45	4°47	8° 0	9° 2	2° 8	n.a.	F 16
S 17	16 55 9	12°53'57	14°45	27°33	12°45	24° 7	9°10	14°55	5°26	7°47	4°49	7°58	8°59	2°14	n.a.	S 17
S 18	16 59 6	13°51'13	27°19	29°22	13°59	24°34	9°22	14°52	5°29	7°48	4°50	7°55	8°56	2°21	n.a.	S 18
M19	17 3 2	14°48'29	9♏39	1♊14	15°13	25° 1	9°34	14°48	5°32	7°49	4°52	7°51	8°53	2°28	n.a.	M19
T 20	17 6 59	15°45'46	21°50	3° 9	16°27	25°28	9°47	14°44	5°35	7°50	4°53	7°48	8°50	2°34	n.a.	T 20
W21	17 10 55	16°43'04	3♐51	5° 6	17°41	25°54	9°59	14°41	5°38	7°51	4°55	7°44	8°46	2°41	n.a.	W21
T 22	17 14 52	17°40'23	15°46	7° 5	18°55	26°19	10°12	14°37	5°40	7°52	4°56	7°42	8°43	2°48	n.a.	T 22
F 23	17 18 48	18°37'43	27°36	9° 6	20° 9	26°44	10°25	14°33	5°43	7°53	4°58	7°41	8°40	2°54	n.a.	F 23
S 24	17 22 45	19°35'05	9♑23	11° 9	21°23	27° 9	10°37	14°29	5°46	7°54	5° 0	7°D41	8°37	3° 1	n.a.	S 24
S 25	17 26 41	20°32'27	21°11	13°12	22°37	27°33	10°50	14°25	5°49	7°55	5° 1	7°41	8°34	3° 8	n.a.	S 25
M26	17 30 38	21°29'50	3♒ 2	15°16	23°51	27°57	11° 3	14°21	5°52	7°56	5° 3	7°42	8°31	3°14	n.a.	M26
T 27	17 34 35	22°27'15	14°58	17°21	25° 5	28°20	11°15	14°17	5°54	7°57	5° 5	7°44	8°27	3°21	n.a.	T 27
W28	17 38 31	23°24'42	27° 5	19°25	26°19	28°43	11°28	14°13	5°57	7°58	5° 6	7°45	8°24	3°28	n.a.	W28
T 29	17 42 28	24°22'09	9♓25	21°30	27°34	29° 5	11°41	14° 9	6° 0	7°58	5° 8	7°46	8°21	3°34	n.a.	T 29
F 30	17 46 24	25♊19'39	22♓ 4	23♊34	28♊48	29♒26	11♋54	14♑ 5	6♉ 2	7♈59	5♌10	7°R46	8♑18	3♑41	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	19n58	7s36	4n 6	11n 0	3s32	18n49	0s 2	19s17	3s 8	24n27	0n45	23s40	0s47	12n58	0s19	1n 8	2s 1	33n47	14n48	23s34	23s28	24s41			n.a.
F 2	20 11	2 20	4 42	11 21	3 23	19 10	0n 0	19 9	3 10	24 27	0 45	23 41	0 47	13 0	0 19	1 9	2 1	33 46	14 48	23 34	23 29	24 40			n.a.
S 3	20 24	3n11	5 5	11 44	3 14	19 31	0 3	19 1	3 13	24 26	0 45	23 41	0 47	13 1	0 19	1 9	2 1	33 45	14 48	23 34	23 29	24 39			n.a.
S 4	20 36	8 44	5 11	12 9	3 3	19 51	0 5	18 53	3 15	24 25	0 45	23 42	0 47	13 2	0 19	1 10	2 1	33 45	14 47	23 35	23 29	24 38			n.a.
M 5	20 48	14 3	5 0	12 36	2 53	20 10	0 8	18 45	3 17	24 25	0 45	23 42	0 47	13 3	0 19	1 11	2 1	33 44	14 47	23 35	23 29	24 37			n.a.
T 6	21 0	18 45	4 30	13 5	2 42	20 29	0 10	18 38	3 20	24 24	0 45	23 43	0 47	13 4	0 19	1 11	2 1	33 43	14 47	23 35	23 29	24 36			n.a.
W 7	21 11	22 24	3 41	13 36	2 30	20 47	0 12	18 30	3 22	24 24	0 45	23 43	0 48	13 5	0 19	1 12	2 2	33 43	14 46	23 36	23 30	24 35			n.a.
T 8	21 22	24 35	2 36	14 8	2 18	21 5	0 15	18 22	3 24	24 23	0 45	23 44	0 48	13 6	0 19	1 12	2 2	33 42	14 46	23 36	23 30	24 34			n.a.
F 9	21 32	25 0	1 20	14 41	2 6	21 22	0 17	18 14	3 27	24 22	0 45	23 44	0 48	13 7	0 19	1 13	2 2	33 41	14 46	23 36	23 30	24 34			n.a.
S 10	21 43	23 35	0s 1	15 16	1 53	21 39	0 19	18 7	3 29	24 22	0 45	23 45	0 48	13 8	0 19	1 13	2 2	33 41	14 45	23 36	23 30	24 33			n.a.
S 11	21 52	20 32	1 21	15 52	1 40	21 55	0 22	17 59	3 32	24 21	0 45	23 45	0 48	13 9	0 19	1 14	2 2	33 40	14 45	23 36	23 31	24 32			n.a.
M12	22 2	16 14	2 35	16 28	1 27	22 10	0 24	17 52	3 34	24 20	0 45	23 46	0 48	13 11	0 19	1 14	2 2	33 39	14 45	23 36	23 31	24 31			n.a.
T 13	22 11	11 8	3 37	17 5	1 14	22 25	0 26	17 44	3 36	24 19	0 45	23 46	0 48	13 12	0 19	1 15	2 2	33 39	14 44	23 36	23 31	24 30			n.a.
W14	22 20	5 36	4 25	17 43	1 1	22 39	0 28	17 37	3 39	24 19	0 45	23 47	0 49	13 13	0 19	1 15	2 2	33 38	14 44	23 36	23 31	24 29			n.a.
T 15	22 28	0s 3	4 57	18 20	0 48	22 52	0 31	17 29	3 41	24 18	0 45	23 47	0 49	13 14	0 19	1 15	2 2	33 37	14 44	23 36	23 32	24 28			n.a.
F 16	22 36	5 33	5 12	18 58	0 35	23 5	0 33	17 22	3 44	24 17	0 45	23 48	0 49	13 15	0 19	1 16	2 2	33 37	14 43	23 36	23 32	24 27			n.a.
S 17	22 44	10 41	5 12	19 35	0 23	23 17	0 35	17 15	3 46	24 16	0 45	23 48	0 49	13 16	0 19	1 16	2 2	33 36	14 43	23 36	23 32	24 26			n.a.
S 18	22 51	15 17	4 57	20 11	0 10	23 29	0 37	17 8	3 49	24 15	0 45	23 49	0 49	13 17	0 19	1 17	2 2	33 35	14 43	23 36	23 32	24 25			n.a.
M19	22 58	19 10	4 27	20 47	0n 2	23 39	0 39	17 1	3 51	24 15	0 45	23 49	0 49	13 18	0 19	1 17	2 2	33 34	14 42	23 36	23 32	24 24			n.a.
T 20	23 4	22 10	3 47	21 21	0 13	23 49	0 41	16 54	3 54	24 14	0 45	23 50	0 49	13 19	0 19	1 17	2 2	33 34	14 42	23 37	23 33	24 23			n.a.
W21	23 10	24 9	2 56	21 55	0 24	23 59	0 43	16 47	3 56	24 13	0 45	23 50	0 50	13 20	0 19	1 18	2 2	33 33	14 42	23 37	23 33	24 22			n.a.
T 22	23 16	25 1	1 58	22 26	0 35	24 7	0 45	16 41	3 58	24 12	0 45	23 51	0 50	13 21	0 19	1 18	2 2	33 32	14 42	23 37	23 33	24 21			n.a.
F 23	23 21	24 45	0 55	22 56	0 45	24 15	0 47	16 34	4 1	24 11	0 45	23 52	0 50	13 22	0 19	1 18	2 2	33 32	14 41	23 37	23 33	24 20			n.a.
S 24	23 26	23 21	0n 9	23 23	0 54	24 23	0 49	16 28	4 3	24 10	0 45	23 52	0 50	13 22	0 19	1 19	2 3	33 31	14 41	23 37	23 33	24 19			n.a.
S 25	23 30	20 55	1 14	23 48	1 3	24 29	0 51	16 22	4 6	24 9	0 45	23 53	0 50	13 23	0 19	1 19	2 3	33 30	14 41	23 37	23 34	24 18			n.a.
M26	23 34	17 37	2 16	24 11	1 10	24 35	0 53	16 15	4 8	24 8	0 46	23 53	0 50	13 24	0 19	1 19	2 3	33 30	14 40	23 37	23 34	24 17			n.a.
T 27	23 37	13 33	3 12	24 31	1 18	24 40	0 55	16 10	4 11	24 7	0 46	23 54	0 50	13 25	0 19	1 20	2 3	33 29	14 40	23 37	23 34	24 16			n.a.
W28	23 41	8 55	4 1	24 49	1 24	24 44	0 57	16 4	4 13	24 6	0 46	23 54	0 50	13 26	0 19	1 20	2 3	33 28	14 40	23 37	23 34	24 14			n.a.
T 29	23 43	3 52	4 39	25 3	1 30	24 48	0 58	15 58	4 16	24 5	0 46	23 55	0 51	13 27	0 19	1 20	2 3	33 27	14 40	23 37	23 34	24 13			n.a.
F 30	23n46	1n28	5n 6	25n15	1n34	24n50	1n 0	15s53	4s18	24n 4	0n46	23s55	0s51	13n28	0s19	1n21	2s 3	33n27	14n39	23s37	23s35	24s12			n.a.

Julian Day Number = 1265742.5, Delta T = 08h21m56s
Ecliptic obliquity = 23°50'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'39, Lahiri = -21°10'38 Julian Calendar 1 June 1248 BCE == Greg. Calendar 21 May 1248 BCE

The year -1247 astronomical counting style corresponds to year 1248 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1248 BCE
geocentric

JULY 1248 BCE (-1247) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 50 21	26♊17'09	5♈ 4	25♊38	0♋ 2	29♒47	12♋ 6	14°R 1	6♉ 5	8♈ 0	5♌12	7°R46	8♏15	3♏48	n.a.	S 1
S 2	17 54 17	27°14'42	18°30	27°41	1°16	0♓ 8	12°19	13♏56	6° 7	8° 1	5°13	7♏45	8°11	3°54	n.a.	S 2
M 3	17 58 14	28°12'16	2♉22	29°42	2°30	0°28	12°32	13°52	6°10	8° 1	5°15	7°45	8° 8	4° 1	n.a.	M 3
T 4	18 2 10	29° 9'52	16°41	1♋43	3°45	0°47	12°45	13°48	6°12	8° 2	5°17	7°44	8° 5	4° 7	n.a.	T 4
W 5	18 6 7	0♋ 7'29	1♊23	3°43	4°59	1° 6	12°58	13°43	6°15	8° 3	5°19	7°43	8° 2	4°14	n.a.	W 5
T 6	18 10 4	1° 5'08	16°23	5°42	6°13	1°24	13°11	13°39	6°17	8° 3	5°21	7°42	7°59	4°21	n.a.	T 6
F 7	18 14 0	2° 2'49	1♋33	7°39	7°27	1°41	13°24	13°35	6°19	8° 4	5°23	7°D42	7°56	4°27	n.a.	F 7
S 8	18 17 57	3° 0'31	16°43	9°35	8°42	1°58	13°37	13°30	6°22	8° 4	5°25	7°42	7°52	4°34	n.a.	S 8
S 9	18 21 53	3°58'14	1♌46	11°30	9°56	2°14	13°50	13°26	6°24	8° 5	5°27	7°42	7°49	4°41	n.a.	S 9
M10	18 25 50	4°55'59	16°31	13°23	11°10	2°30	14° 3	13°21	6°26	8° 5	5°29	7°42	7°46	4°47	n.a.	M10
T 11	18 29 46	5°53'45	0♍54	15°15	12°25	2°44	14°16	13°17	6°28	8° 6	5°30	7°42	7°43	4°54	n.a.	T 11
W12	18 33 43	6°51'33	14°52	17° 6	13°39	2°58	14°29	13°12	6°31	8° 6	5°32	7°43	7°40	5° 1	n.a.	W12
T 13	18 37 40	7°49'21	28°23	18°55	14°53	3°12	14°42	13° 8	6°33	8° 7	5°34	7°R43	7°37	5° 7	n.a.	T 13
F 14	18 41 36	8°47'11	11♎30	20°42	16° 8	3°24	14°55	13° 3	6°35	8° 7	5°36	7°D43	7°33	5°14	n.a.	F 14
S 15	18 45 33	9°45'03	24°15	22°29	17°22	3°36	15° 8	12°59	6°37	8° 7	5°38	7°43	7°30	5°21	n.a.	S 15
S 16	18 49 29	10°42'55	6♏41	24°14	18°36	3°47	15°21	12°54	6°39	8° 8	5°40	7°43	7°27	5°27	n.a.	S 16
M17	18 53 26	11°40'50	18°53	25°57	19°51	3°58	15°34	12°49	6°41	8° 8	5°42	7°43	7°24	5°34	n.a.	M17
T 18	18 57 22	12°38'46	0♐54	27°40	21° 5	4° 7	15°47	12°45	6°43	8° 8	5°44	7°44	7°21	5°41	n.a.	T 18
W19	19 1 19	13°36'43	12°48	29°21	22°20	4°16	16° 0	12°40	6°44	8° 8	5°47	7°44	7°17	5°47	n.a.	W19
T 20	19 5 15	14°34'42	24°37	1♌ 0	23°34	4°24	16°14	12°36	6°46	8° 8	5°49	7°45	7°14	5°54	n.a.	T 20
F 21	19 9 12	15°32'43	6♑25	2°39	24°48	4°32	16°27	12°31	6°48	8° 8	5°51	7°R45	7°11	6° 0	n.a.	F 21
S 22	19 13 9	16°30'45	18°13	4°16	26° 3	4°38	16°40	12°27	6°50	8° 9	5°53	7°45	7° 8	6° 7	n.a.	S 22
S 23	19 17 5	17°28'50	0♒ 5	5°52	27°17	4°44	16°53	12°22	6°51	8° 9	5°55	7°44	7° 5	6°14	n.a.	S 23
M24	19 21 2	18°26'56	12° 2	7°26	28°32	4°49	17° 6	12°17	6°53	8°R 9	5°57	7°43	7° 2	6°20	n.a.	M24
T 25	19 24 58	19°25'04	24° 7	9° 0	29°46	4°53	17°19	12°13	6°55	8° 9	5°59	7°41	6°58	6°27	n.a.	T 25
W26	19 28 55	20°23'14	6♓21	10°32	1♌ 1	4°56	17°32	12° 8	6°56	8° 8	6° 1	7°40	6°55	6°34	n.a.	W26
T 27	19 32 51	21°21'27	18°48	12° 2	2°15	4°58	17°45	12° 4	6°58	8° 8	6° 3	7°38	6°52	6°40	n.a.	T 27
F 28	19 36 48	22°19'41	1♈30	13°32	3°30	5° 0	17°58	11°59	6°59	8° 8	6° 5	7°37	6°49	6°47	n.a.	F 28
S 29	19 40 44	23°17'57	14°30	15° 0	4°44	5°R 0	18°11	11°55	7° 0	8° 8	6° 8	7°36	6°46	6°54	n.a.	S 29
S 30	19 44 41	24°16'16	27°50	16°27	5°59	5° 0	18°24	11°51	7° 2	8° 8	6°10	7°D35	6°42	7° 0	n.a.	S 30
M31	19 48 37	25♋14'37	11♉32	17♌52	7♌13	4♓59	18♋38	11♏46	7♉ 3	8♈ 8	6♌12	7♏36	6♏39	7♏ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	6n53	5n17	25n25	1n39	24n52	1n 2	15s47	4s21	24n 2	0n46	23s56	0s51	13n29	0s19	1n21	2s 3	33n26	14n39	23s37	23s35	24s11		n.a.
S 2	23 49	12 9	5 12	25 31	1 42	24 54	1 3	15 42	4 23	24 1	0 46	23 57	0 51	13 30	0 19	1 21	2 3	33 25	14 39	23 37	23 35	24 10		n.a.
M 3	23 50	17 0	4 49	25 35	1 45	24 54	1 5	15 37	4 26	24 0	0 46	23 57	0 51	13 30	0 19	1 21	2 3	33 25	14 39	23 37	23 35	24 9		n.a.
T 4	23 50	21 2	4 7	25 36	1 47	24 54	1 7	15 32	4 28	23 59	0 46	23 58	0 51	13 31	0 19	1 21	2 3	33 24	14 39	23 37	23 35	24 8		n.a.
W 5	23 51	23 51	3 8	25 35	1 48	24 53	1 8	15 28	4 30	23 58	0 46	23 58	0 51	13 32	0 19	1 22	2 3	33 23	14 38	23 37	23 36	24 7		n.a.
T 6	23 50	25 3	1 56	25 32	1 49	24 51	1 9	15 24	4 33	23 56	0 46	23 59	0 51	13 33	0 19	1 22	2 3	33 23	14 38	23 37	23 36	24 6		n.a.
F 7	23 50	24 24	0 34	25 25	1 49	24 48	1 11	15 19	4 35	23 55	0 46	23 59	0 52	13 34	0 19	1 22	2 3	33 22	14 38	23 37	23 36	24 5		n.a.
S 8	23 48	21 57	0s50	25 17	1 48	24 45	1 12	15 16	4 38	23 54	0 46	24 0	0 52	13 34	0 19	1 22	2 4	33 21	14 38	23 37	23 36	24 4		n.a.
S 9	23 47	18 0	2 10	25 7	1 47	24 41	1 13	15 12	4 40	23 53	0 46	24 1	0 52	13 35	0 19	1 22	2 4	33 20	14 38	23 37	23 36	24 2		n.a.
M10	23 45	12 59	3 20	24 54	1 45	24 36	1 15	15 8	4 43	23 51	0 46	24 1	0 52	13 36	0 19	1 22	2 4	33 20	14 37	23 37	23 37	24 1		n.a.
T 11	23 43	7 22	4 15	24 40	1 43	24 31	1 16	15 5	4 45	23 50	0 46	24 2	0 52	13 37	0 19	1 23	2 4	33 19	14 37	23 37	23 37	24 0		n.a.
W12	23 40	1 34	4 53	24 23	1 41	24 24	1 17	15 2	4 47	23 49	0 46	24 2	0 52	13 37	0 19	1 23	2 4	33 18	14 37	23 37	23 37	23 59		n.a.
T 13	23 36	4s 8	5 14	24 5	1 37	24 17	1 18	14 59	4 50	23 47	0 46	24 3	0 52	13 38	0 19	1 23	2 4	33 18	14 37	23 37	23 37	23 58		n.a.
F 14	23 33	9 28	5 17	23 46	1 34	24 9	1 19	14 57	4 52	23 46	0 47	24 3	0 52	13 39	0 19	1 23	2 4	33 17	14 37	23 37	23 37	23 57		n.a.
S 15	23 29	14 16	5 5	23 25	1 30	24 1	1 20	14 54	4 54	23 44	0 47	24 4	0 52	13 39	0 19	1 23	2 4	33 16	14 37	23 37	23 38	23 56		n.a.
S 16	23 24	18 21	4 38	23 2	1 26	23 51	1 21	14 52	4 57	23 43	0 47	24 5	0 52	13 40	0 19	1 23	2 4	33 16	14 37	23 37	23 38	23 54		n.a.
M17	23 19	21 34	4 0	22 38	1 21	23 41	1 22	14 51	4 59	23 41	0 47	24 5	0 53	13 41	0 19	1 23	2 4	33 15	14 36	23 37	23 38	23 53		n.a.
T 18	23 14	23 48	3 11	22 13	1 16	23 31	1 22	14 49	5 1	23 40	0 47	24 6	0 53	13 41	0 19	1 23	2 4	33 14	14 36	23 37	23 38	23 52		n.a.
W19	23 8	24 56	2 14	21 47	1 11	23 19	1 23	14 48	5 3	23 38	0 47	24 6	0 53	13 42	0 19	1 23	2 4	33 14	14 36	23 37	23 38	23 51		n.a.
T 20	23 2	24 56	1 12	21 20	1 5	23 7	1 24	14 47	5 5	23 37	0 47	24 7	0 53	13 43	0 19	1 23	2 4	33 13	14 36	23 37	23 38	23 50		n.a.
F 21	22 55	23 49	0 7	20 51	0 59	22 54	1 24	14 46	5 8	23 35	0 47	24 7	0 53	13 43	0 19	1 23	2 4	33 12	14 36	23 37	23 39	23 49		n.a.
S 22	22 48	21 37	0n58	20 22	0 53	22 41	1 25	14 45	5 10	23 34	0 47	24 8	0 53	13 44	0 19	1 23	2 4	33 12	14 36	23 37	23 39	23 47		n.a.
S 23	22 41	18 30	2 1	19 52	0 46	22 27	1 25	14 45	5 12	23 32	0 47	24 8	0 53	13 44	0 19	1 23	2 5	33 11	14 36	23 37	23 39	23 46		n.a.
M24	22 33	14 37	2 59	19 21	0 40	22 12	1 25	14 45	5 14	23 31	0 47	24 9	0 53	13 45	0 19	1 23	2 5	33 10	14 36	23 37	23 39	23 45		n.a.
T 25	22 25	10 6	3 50	18 50	0 33	21 56	1 26	14 45	5 16	23 29	0 47	24 9	0 53	13 45	0 19	1 23	2 5	33 10	14 36	23 37	23 39	23 44		n.a.
W26	22 16	5 9	4 31	18 18	0 25	21 40	1 26	14 46	5 17	23 27	0 48	24 10	0 53	13 46	0 19	1 23	2 5	33 9	14 36	23 37	23 40	23 43		n.a.
T 27	22 7	0n 5	5 0	17 46	0 18	21 23	1 26	14 47	5 19	23 26	0 48	24 10	0 53	13 46	0 19	1 22	2 5	33 8	14 35	23 37	23 40	23 41		n.a.
F 28	21 57	5 24	5 15	17 13	0 11	21 6	1 26	14 48	5 21	23 24	0 48	24 11	0 53	13 47	0 19	1 22	2 5	33 8	14 35	23 37	23 40	23 40		n.a.
S 29	21 48	10 37	5 14	16 39	0 3	20 48	1 26	14 49	5 23	23 22	0 48	24 11	0 54	13 47	0 19	1 22	2 5	33 7	14 35	23 37	23 40	23 39		n.a.
S 30	21 37	15 29	4 57	16 6	0s 5	20 29	1 26	14 51	5 24	23 21	0 48	24 12	0 54	13 48	0 19	1 22	2 5	33 6	14 35	23 37	23 40	23 38		n.a.
M31	21n27	19n42	4n23	15n32	0s13	20n10	1n26	14s53	5s26	23n19	0n48	24s12	0s54	13n48	0s19	1n22	2s 5	33n 6	14n35	23s37	23s40	23s36		n.a.

Julian Day Number = 1265772.5, Delta T = 08h21m55s
Ecliptic obliquity = 23°50'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'35, Lahiri = -21°10'34 Julian Calendar 1 July 1248 BCE == Greg. Calendar 20 June 1248 BCE

The year -1247 astronomical counting style corresponds to year 1248 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1248 BCE
geocentric

AUGUST 1248 BCE (-1247) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 52 34	26♋13'01	25♉37	19♌17	8♌28	4°R57	18♋51	11°R42	7♉ 4	8°R 7	6♌14	7♏37	6♏36	7♏14	n.a.	T 1
W 2	19 56 31	27°11'27	10♊ 5	20°40	9°42	4♓54	19° 4	11♏37	7° 6	8♈ 7	6°16	7°38	6°33	7°20	n.a.	W 2
T 3	20 0 27	28° 9'55	24°51	22° 1	10°57	4°50	19°17	11°33	7° 7	8° 7	6°18	7°39	6°30	7°27	n.a.	T 3
F 4	20 4 24	29° 8'25	9♋51	23°21	12°11	4°45	19°30	11°29	7° 8	8° 6	6°21	7°R40	6°27	7°33	n.a.	F 4
S 5	20 8 20	0♌ 6'58	24°58	24°40	13°26	4°39	19°43	11°25	7° 9	8° 6	6°23	7°39	6°23	7°40	n.a.	S 5
S 6	20 12 17	1° 5'32	10♌ 1	25°57	14°41	4°33	19°56	11°20	7°10	8° 6	6°25	7°37	6°20	7°47	n.a.	S 6
M 7	20 16 13	2° 4'09	24°52	27°13	15°55	4°25	20° 9	11°16	7°11	8° 5	6°27	7°34	6°17	7°53	n.a.	M 7
T 8	20 20 10	3° 2'47	9♍23	28°27	17°10	4°17	20°22	11°12	7°12	8° 5	6°29	7°31	6°14	8° 0	n.a.	T 8
W 9	20 24 6	4° 1'27	23°30	29°39	18°24	4° 8	20°35	11° 8	7°13	8° 4	6°32	7°27	6°11	8° 7	n.a.	W 9
T 10	20 28 3	5° 0'09	7♎ 9	0♍49	19°39	3°58	20°48	11° 4	7°13	8° 4	6°34	7°24	6° 8	8°13	n.a.	T 10
F 11	20 32 0	5°58'53	20°21	1°57	20°53	3°47	21° 0	11° 0	7°14	8° 3	6°36	7°22	6° 4	8°20	n.a.	F 11
S 12	20 35 56	6°57'39	3♏ 8	3° 4	22° 8	3°36	21°13	10°56	7°15	8° 2	6°38	7°D21	6° 1	8°27	n.a.	S 12
S 13	20 39 53	7°56'27	15°33	4° 8	23°23	3°23	21°26	10°53	7°16	8° 2	6°40	7°21	5°58	8°33	n.a.	S 13
M14	20 43 49	8°55'16	27°42	5°10	24°37	3°11	21°39	10°49	7°16	8° 1	6°43	7°22	5°55	8°40	n.a.	M14
T 15	20 47 46	9°54'08	9♐39	6° 9	25°52	2°57	21°52	10°45	7°17	8° 0	6°45	7°24	5°52	8°47	n.a.	T 15
W16	20 51 42	10°53'02	21°29	7° 6	27° 6	2°43	22° 5	10°41	7°17	8° 0	6°47	7°25	5°48	8°53	n.a.	W16
T 17	20 55 39	11°51'57	3♑16	8° 0	28°21	2°28	22°17	10°38	7°18	7°59	6°49	7°R26	5°45	9° 0	n.a.	T 17
F 18	20 59 35	12°50'54	15° 5	8°51	29°35	2°12	22°30	10°34	7°18	7°58	6°51	7°26	5°42	9° 7	n.a.	F 18
S 19	21 3 32	13°49'54	26°57	9°38	0♍50	1°56	22°43	10°31	7°18	7°57	6°54	7°24	5°39	9°13	n.a.	S 19
S 20	21 7 28	14°48'55	8♒56	10°22	2° 5	1°39	22°55	10°28	7°19	7°57	6°56	7°21	5°36	9°20	n.a.	S 20
M21	21 11 25	15°47'59	21° 4	11° 1	3°19	1°22	23° 8	10°24	7°19	7°56	6°58	7°15	5°33	9°26	n.a.	M21
T 22	21 15 22	16°47'05	3♓22	11°37	4°34	1° 4	23°20	10°21	7°19	7°55	7° 0	7° 9	5°29	9°33	n.a.	T 22
W23	21 19 18	17°46'13	15°52	12° 8	5°48	0°46	23°33	10°18	7°19	7°54	7° 2	7° 1	5°26	9°40	n.a.	W23
T 24	21 23 15	18°45'23	28°33	12°34	7° 3	0°28	23°45	10°15	7°19	7°53	7° 4	6°54	5°23	9°46	n.a.	T 24
F 25	21 27 11	19°44'36	11♈27	12°54	8°17	0° 9	23°58	10°12	7°R19	7°52	7° 7	6°48	5°20	9°53	n.a.	F 25
S 26	21 31 8	20°43'51	24°34	13° 8	9°32	29♒50	24°10	10° 9	7°19	7°51	7° 9	6°43	5°17	10° 0	n.a.	S 26
S 27	21 35 4	21°43'09	7♉56	13°16	10°46	29°31	24°23	10° 6	7°19	7°50	7°11	6°40	5°14	10° 6	n.a.	S 27
M28	21 39 1	22°42'29	21°33	13°R18	12° 1	29°11	24°35	10° 3	7°19	7°49	7°13	6°D39	5°10	10°13	n.a.	M28
T 29	21 42 57	23°41'52	5♊27	13°12	13°15	28°51	24°47	10° 1	7°19	7°48	7°15	6°39	5° 7	10°20	n.a.	T 29
W30	21 46 54	24°41'17	19°38	12°58	14°30	28°32	24°59	9°58	7°19	7°46	7°17	6°41	5° 4	10°26	n.a.	W30
T 31	21 50 51	25♌40'45	4♋ 4	12♍36	15♍45	28♒12	25♋11	9♏56	7♉18	7♈45	7♌19	6°R41	5♏ 1	10♏33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21n16	22n55	3n32	14n57	0s21	19n50	1n26	14s55	5s28	23n17	0n48	24s13	0s54	13n48	0s19	1n22	2s 5	33n 5	14n35	23s37	23s41	23s35			n.a.
W 2	21 4	24 45	2 27	14 23	0 29	19 30	1 26	14 58	5 29	23 15	0 48	24 13	0 54	13 49	0 19	1 22	2 5	33 5	14 35	23 37	23 41	23 34			n.a.
T 3	20 53	24 55	1 10	13 49	0 38	19 9	1 26	15 0	5 30	23 14	0 48	24 14	0 54	13 49	0 19	1 21	2 5	33 4	14 35	23 37	23 41	23 33			n.a.
F 4	20 40	23 16	0s12	13 14	0 46	18 47	1 25	15 3	5 31	23 12	0 48	24 14	0 54	13 50	0 19	1 21	2 5	33 3	14 35	23 37	23 41	23 31			n.a.
S 5	20 28	19 57	1 34	12 40	0 55	18 25	1 25	15 6	5 33	23 10	0 48	24 14	0 54	13 50	0 19	1 21	2 5	33 3	14 35	23 37	23 41	23 30			n.a.
S 6	20 15	15 19	2 49	12 6	1 3	18 3	1 24	15 10	5 34	23 8	0 49	24 15	0 54	13 50	0 19	1 21	2 6	33 2	14 35	23 37	23 41	23 29			n.a.
M 7	20 2	9 49	3 51	11 32	1 12	17 40	1 24	15 13	5 35	23 6	0 49	24 15	0 54	13 51	0 19	1 21	2 6	33 2	14 35	23 37	23 41	23 28			n.a.
T 8	19 48	3 54	4 37	10 58	1 20	17 16	1 23	15 17	5 35	23 4	0 49	24 16	0 54	13 51	0 19	1 20	2 6	33 1	14 35	23 38	23 42	23 26			n.a.
W 9	19 34	2s 2	5 5	10 24	1 29	16 52	1 22	15 21	5 36	23 3	0 49	24 16	0 54	13 51	0 19	1 20	2 6	33 0	14 35	23 38	23 42	23 25			n.a.
T 10	19 20	7 41	5 14	9 51	1 37	16 28	1 22	15 26	5 37	23 1	0 49	24 16	0 54	13 51	0 19	1 20	2 6	33 0	14 35	23 38	23 42	23 24			n.a.
F 11	19 6	12 47	5 6	9 18	1 46	16 3	1 21	15 30	5 37	22 59	0 49	24 17	0 54	13 52	0 19	1 19	2 6	32 59	14 35	23 38	23 42	23 22			n.a.
S 12	18 51	17 11	4 43	8 46	1 55	15 38	1 20	15 35	5 38	22 57	0 49	24 17	0 54	13 52	0 19	1 19	2 6	32 59	14 36	23 38	23 42	23 21			n.a.
S 13	18 35	20 42	4 7	8 15	2 3	15 12	1 19	15 40	5 38	22 55	0 49	24 18	0 54	13 52	0 19	1 19	2 6	32 58	14 36	23 38	23 42	23 20			n.a.
M14	18 20	23 14	3 21	7 45	2 11	14 46	1 18	15 44	5 38	22 53	0 49	24 18	0 54	13 52	0 19	1 18	2 6	32 58	14 36	23 38	23 42	23 18			n.a.
T 15	18 4	24 41	2 26	7 15	2 20	14 19	1 17	15 50	5 38	22 51	0 50	24 18	0 54	13 52	0 19	1 18	2 6	32 57	14 36	23 38	23 43	23 17			n.a.
W16	17 48	25 0	1 26	6 46	2 28	13 52	1 16	15 55	5 38	22 49	0 50	24 19	0 55	13 53	0 19	1 18	2 6	32 57	14 36	23 38	23 43	23 16			n.a.
T 17	17 31	24 11	0 23	6 19	2 36	13 25	1 15	16 0	5 37	22 47	0 50	24 19	0 55	13 53	0 19	1 17	2 6	32 56	14 36	23 38	23 43	23 14			n.a.
F 18	17 14	22 17	0n42	5 52	2 43	12 57	1 13	16 5	5 37	22 45	0 50	24 19	0 55	13 53	0 19	1 17	2 6	32 56	14 36	23 38	23 43	23 13			n.a.
S 19	16 57	19 25	1 44	5 27	2 51	12 29	1 12	16 11	5 36	22 43	0 50	24 20	0 55	13 53	0 19	1 17	2 6	32 55	14 36	23 38	23 43	23 12			n.a.
S 20	16 40	15 42	2 43	5 4	2 58	12 1	1 11	16 16	5 35	22 41	0 50	24 20	0 55	13 53	0 19	1 16	2 6	32 55	14 36	23 38	23 43	23 10			n.a.
M21	16 22	11 19	3 35	4 43	3 5	11 32	1 9	16 21	5 34	22 39	0 50	24 20	0 55	13 53	0 19	1 16	2 6	32 54	14 36	23 38	23 43	23 9			n.a.
T 22	16 4	6 26	4 18	4 23	3 11	11 3	1 8	16 27	5 33	22 37	0 50	24 20	0 55	13 53	0 19	1 15	2 7	32 54	14 36	23 39	23 44	23 8			n.a.
W23	15 46	1 15	4 49	4 6	3 17	10 34	1 6	16 32	5 32	22 35	0 51	24 21	0 55	13 53	0 19	1 15	2 7	32 53	14 37	23 39	23 44	23 6			n.a.
T 24	15 27	4n 5	5 6	3 51	3 22	10 4	1 5	16 38	5 31	22 33	0 51	24 21	0 55	13 53	0 19	1 15	2 7	32 53	14 37	23 40	23 44	23 5			n.a.
F 25	15 9	9 19	5 8	3 39	3 27	9 34	1 3	16 43	5 29	22 31	0 51	24 21	0 55	13 53	0 19	1 14	2 7	32 52	14 37	23 40	23 44	23 4			n.a.
S 26	14 49	14 13	4 55	3 30	3 30	9 4	1 1	16 49	5 27	22 29	0 51	24 22	0 55	13 53	0 19	1 14	2 7	32 52	14 37	23 40	23 44	23 2			n.a.
S 27	14 30	18 33	4 25	3 24	3 33	8 34	0 59	16 54	5 26	22 27	0 51	24 22	0 55	13 53	0 19	1 13	2 7	32 51	14 37	23 40	23 44	23 1			n.a.
M28	14 11	21 59	3 40	3 22	3 35	8 3	0 58	16 59	5 24	22 24	0 51	24 22	0 55	13 53	0 19	1 13	2 7	32 51	14 37	23 40	23 44	22 59			n.a.
T 29	13 51	24 12	2 41	3 24	3 36	7 33	0 56	17 4	5 21	22 22	0 51	24 22	0 55	13 53	0 19	1 12	2 7	32 50	14 38	23 40	23 45	22 58			n.a.
W30	13 31	24 56	1 31	3 29	3 36	7 2	0 54	17 9	5 19	22 20	0 52	24 22	0 55	13 53	0 19	1 12	2 7	32 50	14 38	23 40	23 45	22 57			n.a.
T 31	13n10	24n 1	0n14	3n39	3s34	6n30	0n52	17s14	5s17	22n18	0n52	24s23	0s55	13n53	0s19	1n11	2s 7	32n50	14n38	23s40	23s45	22s55			n.a.

Julian Day Number = 1265803.5, Delta T = 08h21m53s
Ecliptic obliquity = 23°50'34, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'31, Lahiri = -21°10'30 Julian Calendar 1 Aug. 1248 BCE == Greg. Calendar 21 July 1248 BCE

The year -1247 astronomical counting style corresponds to year 1248 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1248 BCE
geocentric

SEPTEMBER 1248 BCE (-1247) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 54 47	26♌40'15	18♋43	12°R 7	16♍59	27°R52	25♋24	9°R53	7°R18	7°R44	7♌21	6°R41	4♑58	10♑40	n.a.	F 1
S 2	21 58 44	27°39'48	3♌30	11♍29	18°14	27♒32	25°36	9♑51	7♉18	7♈43	7°24	6♑38	4°54	10°46	n.a.	S 2
S 3	22 2 40	28°39'23	18°18	10°43	19°28	27°13	25°48	9°49	7°17	7°42	7°26	6°33	4°51	10°53	n.a.	S 3
M 4	22 6 37	29°39'00	3♍ 0	9°49	20°43	26°53	26° 0	9°46	7°17	7°41	7°28	6°26	4°48	11° 0	n.a.	M 4
T 5	22 10 33	0♍38'39	17°28	8°49	21°57	26°34	26°12	9°44	7°16	7°39	7°30	6°17	4°45	11° 6	n.a.	T 5
W 6	22 14 30	1°38'20	1♎34	7°43	23°12	26°15	26°23	9°42	7°15	7°38	7°32	6° 8	4°42	11°13	n.a.	W 6
T 7	22 18 26	2°38'03	15°16	6°32	24°26	25°57	26°35	9°41	7°15	7°37	7°34	5°59	4°39	11°19	n.a.	T 7
F 8	22 22 23	3°37'48	28°32	5°19	25°41	25°38	26°47	9°39	7°14	7°35	7°36	5°52	4°35	11°26	n.a.	F 8
S 9	22 26 19	4°37'35	11♏22	4° 5	26°55	25°20	26°59	9°37	7°13	7°34	7°38	5°47	4°32	11°33	n.a.	S 9
S 10	22 30 16	5°37'24	23°50	2°53	28°10	25° 3	27°10	9°36	7°13	7°33	7°40	5°44	4°29	11°39	n.a.	S 10
M11	22 34 13	6°37'15	5♐59	1°44	29°24	24°46	27°22	9°34	7°12	7°31	7°42	5°D44	4°26	11°46	n.a.	M11
T 12	22 38 9	7°37'08	17°56	0°41	0♎39	24°30	27°33	9°33	7°11	7°30	7°44	5°44	4°23	11°53	n.a.	T 12
W13	22 42 6	8°37'02	29°45	29♌45	1°53	24°14	27°44	9°31	7°10	7°28	7°46	5°R45	4°20	11°59	n.a.	W13
T 14	22 46 2	9°36'59	11♑32	28°59	3° 8	23°59	27°56	9°30	7° 9	7°27	7°48	5°45	4°16	12° 6	n.a.	T 14
F 15	22 49 59	10°36'57	23°22	28°23	4°22	23°44	28° 7	9°29	7° 8	7°25	7°50	5°43	4°13	12°13	n.a.	F 15
S 16	22 53 55	11°36'57	5♒20	27°57	5°36	23°30	28°18	9°28	7° 7	7°24	7°52	5°39	4°10	12°19	n.a.	S 16
S 17	22 57 52	12°36'59	17°27	27°43	6°51	23°17	28°29	9°27	7° 5	7°22	7°54	5°32	4° 7	12°26	n.a.	S 17
M18	23 1 48	13°37'03	29°48	27°D41	8° 5	23° 5	28°40	9°27	7° 4	7°21	7°55	5°23	4° 4	12°33	n.a.	M18
T 19	23 5 45	14°37'08	12♓22	27°50	9°19	22°53	28°51	9°26	7° 3	7°19	7°57	5°11	4° 0	12°39	n.a.	T 19
W20	23 9 41	15°37'16	25°11	28° 9	10°34	22°42	29° 2	9°25	7° 2	7°18	7°59	4°59	3°57	12°46	n.a.	W20
T 21	23 13 38	16°37'26	8♈13	28°38	11°48	22°31	29°13	9°25	7° 0	7°16	8° 1	4°47	3°54	12°52	n.a.	T 21
F 22	23 17 35	17°37'37	21°28	29°17	13° 2	22°22	29°23	9°25	6°59	7°15	8° 3	4°35	3°51	12°59	n.a.	F 22
S 23	23 21 31	18°37'51	4♉53	0♍ 4	14°17	22°13	29°34	9°24	6°58	7°13	8° 5	4°26	3°48	13° 6	n.a.	S 23
S 24	23 25 28	19°38'07	18°28	0°58	15°31	22° 5	29°45	9°24	6°56	7°12	8° 6	4°20	3°45	13°12	n.a.	S 24
M25	23 29 24	20°38'26	2♊13	1°58	16°45	21°58	29°55	9°D24	6°55	7°10	8° 8	4°17	3°41	13°19	n.a.	M25
T 26	23 33 21	21°38'46	16° 5	3° 5	18° 0	21°51	0♌ 5	9°24	6°53	7° 8	8°10	4°16	3°38	13°26	n.a.	T 26
W27	23 37 17	22°39'09	0♋ 7	4°16	19°14	21°46	0°16	9°24	6°51	7° 7	8°11	4°16	3°35	13°32	n.a.	W27
T 28	23 41 14	23°39'34	14°16	5°32	20°28	21°41	0°26	9°25	6°50	7° 5	8°13	4°15	3°32	13°39	n.a.	T 28
F 29	23 45 10	24°40'01	28°33	6°51	21°42	21°37	0°36	9°25	6°48	7° 3	8°15	4°14	3°29	13°46	n.a.	F 29
S 30	23 49 7	25♍40'30	12♌54	8♍14	22♎57	21♒34	0♌46	9♑26	6♉46	7♈ 2	8♌16	4♑ 9	3♑25	13♑52	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n50	21n27	1s 4	3n54	3s30	5n59	0n50	17s19	5s14	22n16	0n52	24s23	0s55	13n53	0s19	1n11	2s 7	32n49	14n38	23s40	23s45	22s54		n.a.
S 2	12 29	17 27	2 19	4 13	3 25	5 28	0 48	17 23	5 11	22 14	0 52	24 23	0 55	13 53	0 19	1 10	2 7	32 49	14 38	23 40	23 45	22 52		n.a.
S 3	12 8	12 21	3 25	4 37	3 18	4 56	0 46	17 27	5 8	22 12	0 52	24 23	0 55	13 52	0 19	1 10	2 7	32 48	14 39	23 41	23 45	22 51		n.a.
M 4	11 47	6 36	4 16	5 6	3 9	4 24	0 43	17 31	5 5	22 10	0 52	24 23	0 55	13 52	0 19	1 9	2 7	32 48	14 39	23 41	23 45	22 49		n.a.
T 5	11 26	0 36	4 50	5 39	2 58	3 52	0 41	17 35	5 2	22 8	0 52	24 24	0 55	13 52	0 19	1 9	2 7	32 48	14 39	23 41	23 45	22 48		n.a.
W 6	11 4	5s17	5 5	6 16	2 45	3 20	0 39	17 39	4 59	22 5	0 53	24 24	0 55	13 52	0 19	1 8	2 7	32 47	14 39	23 42	23 45	22 47		n.a.
T 7	10 43	10 44	5 2	6 56	2 31	2 48	0 37	17 42	4 56	22 3	0 53	24 24	0 55	13 52	0 19	1 7	2 7	32 47	14 40	23 42	23 46	22 45		n.a.
F 8	10 21	15 31	4 42	7 39	2 14	2 16	0 34	17 45	4 52	22 1	0 53	24 24	0 55	13 51	0 19	1 7	2 7	32 47	14 40	23 43	23 46	22 44		n.a.
S 9	9 58	19 26	4 9	8 23	1 56	1 44	0 32	17 48	4 49	21 59	0 53	24 24	0 55	13 51	0 19	1 6	2 7	32 46	14 40	23 43	23 46	22 42		n.a.
S 10	9 36	22 21	3 25	9 7	1 37	1 12	0 30	17 51	4 45	21 57	0 53	24 24	0 55	13 51	0 19	1 6	2 7	32 46	14 40	23 43	23 46	22 41		n.a.
M11	9 14	24 10	2 32	9 51	1 17	0 39	0 27	17 53	4 41	21 55	0 53	24 24	0 55	13 51	0 19	1 5	2 7	32 46	14 41	23 43	23 46	22 39		n.a.
T 12	8 51	24 51	1 34	10 33	0 56	0 7	0 25	17 55	4 37	21 53	0 54	24 24	0 55	13 50	0 19	1 5	2 8	32 45	14 41	23 43	23 46	22 38		n.a.
W13	8 29	24 23	0 32	11 12	0 36	0s25	0 22	17 57	4 33	21 50	0 54	24 25	0 55	13 50	0 19	1 4	2 8	32 45	14 41	23 43	23 46	22 36		n.a.
T 14	8 6	22 49	0n31	11 47	0 16	0 58	0 20	17 58	4 29	21 48	0 54	24 25	0 55	13 50	0 19	1 3	2 8	32 45	14 41	23 43	23 46	22 35		n.a.
F 15	7 43	20 16	1 33	12 18	0n 4	1 30	0 17	18 0	4 25	21 46	0 54	24 25	0 55	13 49	0 19	1 3	2 8	32 45	14 42	23 43	23 46	22 33		n.a.
S 16	7 19	16 49	2 31	12 43	0 22	2 3	0 14	18 0	4 21	21 44	0 54	24 25	0 55	13 49	0 19	1 2	2 8	32 44	14 42	23 43	23 47	22 32		n.a.
S 17	6 56	12 39	3 23	13 4	0 39	2 35	0 12	18 1	4 17	21 42	0 54	24 25	0 55	13 49	0 19	1 1	2 8	32 44	14 42	23 43	23 47	22 30		n.a.
M18	6 33	7 54	4 6	13 19	0 54	3 7	0 9	18 1	4 13	21 40	0 55	24 25	0 55	13 48	0 19	1 1	2 8	32 44	14 43	23 44	23 47	22 29		n.a.
T 19	6 9	2 45	4 38	13 29	1 8	3 39	0 7	18 1	4 9	21 38	0 55	24 25	0 55	13 48	0 19	1 0	2 8	32 44	14 43	23 44	23 47	22 27		n.a.
W20	5 46	2n35	4 57	13 34	1 20	4 11	0 4	18 1	4 4	21 36	0 55	24 25	0 55	13 47	0 19	1 0	2 8	32 43	14 43	23 45	23 47	22 26		n.a.
T 21	5 22	7 54	5 1	13 34	1 31	4 44	0 1	18 0	4 0	21 34	0 55	24 25	0 55	13 47	0 19	0 59	2 8	32 43	14 44	23 45	23 47	22 24		n.a.
F 22	4 58	12 57	4 49	13 29	1 41	5 15	0s 2	18 0	3 56	21 31	0 55	24 25	0 55	13 46	0 19	0 58	2 8	32 43	14 44	23 46	23 47	22 23		n.a.
S 23	4 34	17 27	4 21	13 20	1 48	5 47	0 4	17 59	3 51	21 29	0 56	24 25	0 55	13 46	0 19	0 58	2 8	32 43	14 44	23 46	23 47	22 21		n.a.
S 24	4 10	21 5	3 37	13 6	1 55	6 19	0 7	17 57	3 47	21 27	0 56	24 25	0 55	13 45	0 19	0 57	2 8	32 43	14 45	23 46	23 47	22 20		n.a.
M25	3 46	23 35	2 41	12 49	2 0	6 51	0 10	17 56	3 43	21 25	0 56	24 25	0 55	13 45	0 19	0 56	2 8	32 43	14 45	23 46	23 47	22 18		n.a.
T 26	3 22	24 40	1 35	12 28	2 4	7 22	0 13	17 54	3 38	21 23	0 56	24 25	0 55	13 44	0 19	0 56	2 8	32 42	14 45	23 46	23 48	22 17		n.a.
W27	2 58	24 13	0 22	12 4	2 6	7 53	0 15	17 51	3 34	21 21	0 56	24 25	0 55	13 44	0 19	0 55	2 8	32 42	14 46	23 46	23 48	22 15		n.a.
T 28	2 34	22 11	0s53	11 37	2 8	8 24	0 18	17 49	3 30	21 19	0 57	24 25	0 55	13 43	0 19	0 54	2 8	32 42	14 46	23 46	23 48	22 14		n.a.
F 29	2 9	18 46	2 5	11 8	2 9	8 55	0 21	17 46	3 26	21 17	0 57	24 25	0 55	13 43	0 19	0 54	2 8	32 42	14 47	23 46	23 48	22 12		n.a.
S 30	1n45	14n12	3s 9	10n36	2n 9	9s26	0s24	17s43	3s21	21n15	0n57	24s25	0s55	13n42	0s19	0n53	2s 8	32n42	14n47	23s47	23s48	22s11		n.a.

Julian Day Number = 1265834.5, Delta T = 08h21m51s
Ecliptic obliquity = 23°50'35, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'26, Lahiri = -21°10'26 Julian Calendar 1 Sept. 1248 BCE == Greg. Calendar 21 Aug. 1248 BCE

The year -1247 astronomical counting style corresponds to year 1248 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1248 BCE
geocentric

OCTOBER 1248 BCE (-1247) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 53 4	26♍41'01	27♌17	9♍39	24♎11	21°R31	0♌56	9♑26	6°R45	7°R 0	8♌18	4°R 2	3♑22	13♑59	n.a.	S 1
M 2	23 57 0	27°41'34	11♍36	11° 6	25°25	21♒30	1° 5	9°27	6♑43	6♈58	8°20	3♑52	3°19	14° 6	n.a.	M 2
T 3	0 0 57	28°42'08	25°45	12°35	26°39	21°D29	1°15	9°28	6°41	6°57	8°21	3°40	3°16	14°12	n.a.	T 3
W 4	0 4 53	29°42'45	9♎38	14° 6	27°54	21°29	1°25	9°29	6°39	6°55	8°23	3°27	3°13	14°19	n.a.	W 4
T 5	0 8 50	0♎43'23	23°12	15°38	29° 8	21°30	1°34	9°30	6°37	6°53	8°24	3°14	3°10	14°26	n.a.	T 5
F 6	0 12 46	1°44'02	6♏23	17°10	0♏22	21°31	1°43	9°31	6°35	6°52	8°26	3° 4	3° 6	14°32	n.a.	F 6
S 7	0 16 43	2°44'43	19°12	18°44	1°36	21°34	1°53	9°32	6°33	6°50	8°27	2°55	3° 3	14°39	n.a.	S 7
S 8	0 20 39	3°45'26	1♐40	20°18	2°50	21°37	2° 2	9°33	6°31	6°48	8°29	2°50	3° 0	14°46	n.a.	S 8
M 9	0 24 36	4°46'10	13°51	21°52	4° 4	21°41	2°11	9°35	6°29	6°47	8°30	2°47	2°57	14°52	n.a.	M 9
T 10	0 28 32	5°46'55	25°48	23°27	5°18	21°46	2°19	9°36	6°27	6°45	8°31	2°46	2°54	14°59	n.a.	T 10
W11	0 32 29	6°47'41	7♑38	25° 2	6°32	21°51	2°28	9°38	6°25	6°43	8°33	2°46	2°51	15° 5	n.a.	W11
T 12	0 36 26	7°48'29	19°26	26°37	7°46	21°57	2°37	9°40	6°23	6°41	8°34	2°46	2°47	15°12	n.a.	T 12
F 13	0 40 22	8°49'18	1♒17	28°12	9° 0	22° 4	2°45	9°42	6°21	6°40	8°35	2°44	2°44	15°19	n.a.	F 13
S 14	0 44 19	9°50'08	13°17	29°48	10°14	22°12	2°54	9°44	6°19	6°38	8°37	2°40	2°41	15°25	n.a.	S 14
S 15	0 48 15	10°50'59	25°29	1♎23	11°28	22°20	3° 2	9°46	6°16	6°36	8°38	2°33	2°38	15°32	n.a.	S 15
M16	0 52 12	11°51'51	7♓59	2°58	12°42	22°29	3°10	9°48	6°14	6°35	8°39	2°24	2°35	15°39	n.a.	M16
T 17	0 56 8	12°52'45	20°47	4°34	13°56	22°39	3°18	9°50	6°12	6°33	8°40	2°12	2°31	15°45	n.a.	T 17
W18	1 0 5	13°53'39	3♈53	6° 9	15°10	22°49	3°26	9°52	6°10	6°31	8°42	1°59	2°28	15°52	n.a.	W18
T 19	1 4 1	14°54'35	17°18	7°44	16°24	23° 0	3°34	9°55	6° 7	6°30	8°43	1°46	2°25	15°59	n.a.	T 19
F 20	1 7 58	15°55'32	0♉58	9°19	17°38	23°12	3°41	9°58	6° 5	6°28	8°44	1°34	2°22	16° 5	n.a.	F 20
S 21	1 11 55	16°56'31	14°49	10°54	18°52	23°24	3°49	10° 0	6° 3	6°26	8°45	1°25	2°19	16°12	n.a.	S 21
S 22	1 15 51	17°57'31	28°49	12°28	20° 6	23°37	3°56	10° 3	6° 0	6°25	8°46	1°18	2°16	16°19	n.a.	S 22
M23	1 19 48	18°58'32	12♊53	14° 3	21°19	23°50	4° 4	10° 6	5°58	6°23	8°47	1°14	2°12	16°25	n.a.	M23
T 24	1 23 44	19°59'34	26°59	15°38	22°33	24° 4	4°11	10° 9	5°55	6°21	8°48	1°D13	2° 9	16°32	n.a.	T 24
W25	1 27 41	21° 0'38	11♋ 5	17°12	23°47	24°19	4°18	10°12	5°53	6°20	8°49	1°13	2° 6	16°39	n.a.	W25
T 26	1 31 37	22° 1'44	25°10	18°47	25° 0	24°34	4°24	10°15	5°50	6°18	8°50	1°R13	2° 3	16°45	n.a.	T 26
F 27	1 35 34	23° 2'50	9♌14	20°21	26°14	24°50	4°31	10°18	5°48	6°16	8°51	1°12	2° 0	16°52	n.a.	F 27
S 28	1 39 31	24° 3'58	23°15	21°56	27°28	25° 6	4°37	10°21	5°45	6°15	8°52	1° 9	1°57	16°58	n.a.	S 28
S 29	1 43 27	25° 5'07	7♍12	23°30	28°41	25°23	4°44	10°25	5°43	6°13	8°52	1° 3	1°53	17° 5	n.a.	S 29
M30	1 47 24	26° 6'17	21° 3	25° 5	29°55	25°40	4°50	10°28	5°40	6°12	8°53	0°54	1°50	17°12	n.a.	M30
T 31	1 51 20	27♎ 7'28	4♎45	26♎39	1♐ 9	25♒57	4♌56	10♑32	5♉38	6♈10	8♌54	0♑44	1♑47	17♑18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n20	8n51	4s 1	10n 3	2n 8	9s56	0s27	17s40	3s17	21n13	0n57	24s25	0s55	13n42	0s19	0n52	2s 8	32n42	14n47	23s47	23s48	22s 9		n.a.
M 2	0 56	3 3	4 38	9 28	2 6	10 27	0 29	17 37	3 13	21 11	0 57	24 25	0 55	13 41	0 19	0 52	2 8	32 42	14 48	23 47	23 48	22 7		n.a.
T 3	0 31	2s49	4 57	8 51	2 4	10 57	0 32	17 33	3 9	21 9	0 58	24 25	0 55	13 40	0 19	0 51	2 8	32 42	14 48	23 47	23 48	22 6		n.a.
W 4	0 7	8 26	4 59	8 13	2 1	11 27	0 35	17 29	3 4	21 7	0 58	24 25	0 55	13 40	0 19	0 50	2 8	32 42	14 49	23 48	23 48	22 4		n.a.
T 5	0s18	13 31	4 43	7 34	1 58	11 56	0 38	17 25	3 0	21 5	0 58	24 25	0 55	13 39	0 19	0 49	2 8	32 42	14 49	23 48	23 48	22 3		n.a.
F 6	0 42	17 49	4 12	6 54	1 54	12 25	0 40	17 20	2 56	21 3	0 58	24 24	0 55	13 38	0 19	0 49	2 8	32 42	14 49	23 48	23 48	22 1		n.a.
S 7	1 7	21 10	3 29	6 13	1 50	12 54	0 43	17 16	2 52	21 2	0 58	24 24	0 55	13 38	0 19	0 48	2 8	32 42	14 50	23 49	23 48	22 0		n.a.
S 8	1 31	23 24	2 37	5 31	1 46	13 23	0 46	17 11	2 48	21 0	0 59	24 24	0 55	13 37	0 19	0 47	2 8	32 42	14 50	23 49	23 48	21 58		n.a.
M 9	1 56	24 29	1 38	4 49	1 41	13 51	0 49	17 6	2 44	20 58	0 59	24 24	0 55	13 36	0 19	0 47	2 8	32 42	14 51	23 49	23 49	21 56		n.a.
T 10	2 20	24 23	0 37	4 6	1 36	14 19	0 51	17 1	2 40	20 56	0 59	24 24	0 55	13 36	0 19	0 46	2 8	32 42	14 51	23 49	23 49	21 55		n.a.
W11	2 44	23 11	0n26	3 23	1 30	14 46	0 54	16 55	2 36	20 54	0 59	24 24	0 55	13 35	0 19	0 45	2 8	32 42	14 52	23 49	23 49	21 53		n.a.
T 12	3 9	20 58	1 27	2 40	1 25	15 14	0 57	16 49	2 33	20 52	1 0	24 24	0 55	13 34	0 19	0 45	2 8	32 42	14 52	23 49	23 49	21 52		n.a.
F 13	3 33	17 51	2 25	1 56	1 19	15 41	0 59	16 44	2 29	20 51	1 0	24 24	0 55	13 34	0 19	0 44	2 8	32 42	14 53	23 49	23 49	21 50		n.a.
S 14	3 58	13 58	3 17	1 12	1 13	16 7	1 2	16 38	2 25	20 49	1 0	24 23	0 55	13 33	0 19	0 43	2 8	32 42	14 53	23 49	23 49	21 48		n.a.
S 15	4 22	9 28	4 1	0 28	1 7	16 33	1 5	16 31	2 21	20 47	1 0	24 23	0 55	13 32	0 19	0 43	2 8	32 42	14 54	23 49	23 49	21 47		n.a.
M16	4 46	4 29	4 34	0s16	1 1	16 59	1 7	16 25	2 18	20 45	1 1	24 23	0 55	13 31	0 19	0 42	2 8	32 42	14 54	23 49	23 49	21 45		n.a.
T 17	5 10	0n48	4 55	1 1	0 54	17 24	1 10	16 18	2 14	20 44	1 1	24 23	0 55	13 31	0 19	0 41	2 8	32 42	14 55	23 49	23 49	21 43		n.a.
W18	5 34	6 9	5 1	1 45	0 48	17 48	1 12	16 11	2 11	20 42	1 1	24 23	0 55	13 30	0 19	0 41	2 8	32 42	14 55	23 50	23 49	21 42		n.a.
T 19	5 58	11 21	4 50	2 29	0 42	18 13	1 15	16 4	2 7	20 41	1 1	24 22	0 55	13 29	0 19	0 40	2 8	32 42	14 55	23 50	23 49	21 40		n.a.
F 20	6 22	16 6	4 23	3 13	0 35	18 36	1 17	15 57	2 4	20 39	1 2	24 22	0 55	13 28	0 19	0 39	2 8	32 43	14 56	23 50	23 49	21 38		n.a.
S 21	6 46	20 3	3 40	3 57	0 29	19 0	1 19	15 50	2 0	20 37	1 2	24 22	0 55	13 27	0 19	0 39	2 8	32 43	14 56	23 50	23 49	21 37		n.a.
S 22	7 10	22 53	2 43	4 40	0 22	19 22	1 22	15 43	1 57	20 36	1 2	24 22	0 55	13 27	0 19	0 38	2 8	32 43	14 57	23 50	23 49	21 35		n.a.
M23	7 33	24 18	1 36	5 24	0 15	19 45	1 24	15 35	1 54	20 34	1 2	24 22	0 55	13 26	0 19	0 37	2 8	32 43	14 57	23 50	23 49	21 33		n.a.
T 24	7 57	24 11	0 23	6 7	0 9	20 6	1 26	15 27	1 50	20 33	1 3	24 21	0 55	13 25	0 19	0 37	2 8	32 43	14 58	23 50	23 49	21 32		n.a.
W25	8 20	22 30	0s52	6 50	0 2	20 28	1 29	15 19	1 47	20 32	1 3	24 21	0 55	13 24	0 19	0 36	2 8	32 43	14 58	23 50	23 50	21 30		n.a.
T 26	8 43	19 26	2 4	7 33	0s 4	20 48	1 31	15 11	1 44	20 30	1 3	24 21	0 55	13 23	0 19	0 35	2 8	32 44	14 59	23 50	23 50	21 28		n.a.
F 27	9 6	15 14	3 8	8 15	0 11	21 8	1 33	15 3	1 41	20 29	1 3	24 21	0 55	13 23	0 19	0 35	2 8	32 44	14 59	23 50	23 50	21 27		n.a.
S 28	9 29	10 13	4 0	8 57	0 17	21 28	1 35	14 55	1 38	20 27	1 4	24 20	0 55	13 22	0 19	0 34	2 8	32 44	15 0	23 50	23 50	21 25		n.a.
S 29	9 52	4 43	4 38	9 39	0 24	21 47	1 37	14 46	1 35	20 26	1 4	24 20	0 55	13 21	0 19	0 34	2 8	32 44	15 1	23 50	23 50	21 23		n.a.
M30	10 15	0s58	4 59	10 20	0 30	22 5	1 39	14 37	1 32	20 25	1 4	24 20	0 55	13 20	0 19	0 33	2 8	32 45	15 1	23 50	23 50	21 22		n.a.
T 31	10s37	6s32	5s 2	11s 0	0s36	22s23	1s41	14s29	1s29	20n24	1n 4	24s19	0s55	13n19	0s19	0n32	2s 8	32n45	15n 2	23s50	23s50	21s20		n.a.

Julian Day Number = 1265864.5, Delta T = 08h21m50s
Ecliptic obliquity = 23°50'35, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'22, Lahiri = -21°10'22 Julian Calendar 1 Oct. 1248 BCE == Greg. Calendar 20 Sept. 1248 BCE

The year -1247 astronomical counting style corresponds to year 1248 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1248 BCE
geocentric

NOVEMBER 1248 BCE (-1247) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 55 17	28♎ 8'40	18♎14	28♎13	2♐22	26♒16	5♌ 2	10♑36	5°R35	6°R 8	8♌55	0°R32	1♑44	17♑25	n.a.	W 1
T 2	1 59 13	29° 9'52	1♏29	29°48	3°36	26°34	5° 8	10°40	5♑33	6♈ 7	8°55	0♑21	1°41	17°32	n.a.	T 2
F 3	2 3 10	0♏11'06	14°26	1♏22	4°49	26°53	5°13	10°43	5°30	6° 5	8°56	0°11	1°37	17°38	n.a.	F 3
S 4	2 7 6	1°12'20	27° 6	2°57	6° 2	27°13	5°18	10°47	5°28	6° 4	8°57	0° 4	1°34	17°45	n.a.	S 4
S 5	2 11 3	2°13'35	9♐29	4°32	7°16	27°33	5°24	10°51	5°25	6° 2	8°57	29♐59	1°31	17°52	n.a.	S 5
M 6	2 15 0	3°14'50	21°38	6° 6	8°29	27°54	5°29	10°56	5°23	6° 1	8°58	29°57	1°28	17°58	n.a.	M 6
T 7	2 18 56	4°16'06	3♑34	7°41	9°43	28°14	5°34	11° 0	5°20	5°59	8°58	29°D56	1°25	18° 5	n.a.	T 7
W 8	2 22 53	5°17'21	15°24	9°16	10°56	28°36	5°38	11° 4	5°17	5°58	8°59	29°57	1°22	18°12	n.a.	W 8
T 9	2 26 49	6°18'38	27°12	10°52	12° 9	28°57	5°43	11° 8	5°15	5°57	8°59	29°58	1°18	18°18	n.a.	T 9
F 10	2 30 46	7°19'54	9♒ 2	12°27	13°22	29°19	5°47	11°13	5°12	5°55	9° 0	29°R59	1°15	18°25	n.a.	F 10
S 11	2 34 42	8°21'10	21° 1	14° 2	14°35	29°42	5°52	11°18	5°10	5°54	9° 0	29°58	1°12	18°32	n.a.	S 11
S 12	2 38 39	9°22'27	3♓14	15°38	15°48	0♓ 5	5°56	11°22	5° 7	5°52	9° 1	29°55	1° 9	18°38	n.a.	S 12
M13	2 42 35	10°23'43	15°46	17°14	17° 1	0°28	5°59	11°27	5° 5	5°51	9° 1	29°49	1° 6	18°45	n.a.	M13
T 14	2 46 32	11°25'00	28°38	18°50	18°14	0°51	6° 3	11°32	5° 2	5°50	9° 1	29°42	1° 2	18°52	n.a.	T 14
W15	2 50 29	12°26'16	11♈54	20°26	19°27	1°15	6° 7	11°36	5° 0	5°48	9° 2	29°34	0°59	18°58	n.a.	W15
T 16	2 54 25	13°27'33	25°34	22° 2	20°40	1°40	6°10	11°41	4°57	5°47	9° 2	29°26	0°56	19° 5	n.a.	T 16
F 17	2 58 22	14°28'50	9♉34	23°38	21°53	2° 4	6°13	11°46	4°55	5°46	9° 2	29°18	0°53	19°12	n.a.	F 17
S 18	3 2 18	15°30'07	23°50	25°15	23° 6	2°29	6°16	11°52	4°52	5°45	9° 2	29°12	0°50	19°18	n.a.	S 18
S 19	3 6 15	16°31'24	8♊17	26°51	24°18	2°54	6°19	11°57	4°50	5°43	9° 2	29° 8	0°47	19°25	n.a.	S 19
M20	3 10 11	17°32'41	22°49	28°28	25°31	3°19	6°21	12° 2	4°47	5°42	9° 2	29°D 7	0°43	19°31	n.a.	M20
T 21	3 14 8	18°33'59	7♋21	0♐ 4	26°44	3°45	6°24	12° 7	4°45	5°41	9° 3	29° 7	0°40	19°38	n.a.	T 21
W22	3 18 5	19°35'16	21°46	1°41	27°56	4°11	6°26	12°13	4°42	5°40	9° 3	29° 8	0°37	19°45	n.a.	W22
T 23	3 22 1	20°36'34	6♌ 2	3°17	29° 9	4°37	6°28	12°18	4°40	5°39	9°R 3	29° 9	0°34	19°51	n.a.	T 23
F 24	3 25 58	21°37'52	20° 8	4°53	0♑21	5° 4	6°30	12°24	4°37	5°38	9° 3	29°R10	0°31	19°58	n.a.	F 24
S 25	3 29 54	22°39'10	4♍ 2	6°29	1°33	5°31	6°32	12°29	4°35	5°37	9° 2	29° 9	0°28	20° 5	n.a.	S 25
S 26	3 33 51	23°40'29	17°44	8° 4	2°46	5°58	6°33	12°35	4°32	5°36	9° 2	29° 7	0°24	20°11	n.a.	S 26
M27	3 37 47	24°41'47	1♎13	9°38	3°58	6°25	6°34	12°40	4°30	5°35	9° 2	29° 3	0°21	20°18	n.a.	M27
T 28	3 41 44	25°43'05	14°29	11°12	5°10	6°52	6°36	12°46	4°28	5°34	9° 2	28°58	0°18	20°25	n.a.	T 28
W29	3 45 40	26°44'23	27°33	12°44	6°22	7°20	6°36	12°52	4°25	5°33	9° 2	28°52	0°15	20°31	n.a.	W29
T 30	3 49 37	27♏45'41	10♏24	14♐16	7♑34	7♓48	6♌37	12♑58	4♑23	5♈32	9♌ 2	28♐47	0♑12	20♑38	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11 s 0	11 s42	4 s49	11 s41	0 s42	22 s40	1 s43	14 s20	1 s26	20n22	1n 5	24 s19	0 s55	13n18	0 s19	0n32	2 s 8	32n45	15n 2	23 s51	23 s50	21 s18		n.a.
T 2	11 22	16 14	4 20	12 20	0 48	22 56	1 44	14 11	1 24	20 21	1 5	24 19	0 55	13 18	0 19	0 31	2 8	32 46	15 3	23 51	23 50	21 17		n.a.
F 3	11 44	19 54	3 38	13 0	0 54	23 12	1 46	14 1	1 21	20 20	1 5	24 18	0 55	13 17	0 19	0 31	2 8	32 46	15 3	23 51	23 50	21 15		n.a.
S 4	12 5	22 32	2 46	13 38	1 0	23 27	1 48	13 52	1 18	20 19	1 6	24 18	0 55	13 16	0 19	0 30	2 8	32 46	15 4	23 51	23 50	21 13		n.a.
S 5	12 27	24 1	1 47	14 17	1 6	23 41	1 49	13 42	1 16	20 18	1 6	24 18	0 55	13 15	0 19	0 29	2 8	32 46	15 4	23 51	23 50	21 11		n.a.
M 6	12 48	24 19	0 45	14 54	1 11	23 55	1 51	13 33	1 13	20 17	1 6	24 17	0 55	13 14	0 19	0 29	2 8	32 47	15 5	23 51	23 50	21 10		n.a.
T 7	13 9	23 28	0n20	15 31	1 17	24 8	1 52	13 23	1 10	20 16	1 6	24 17	0 55	13 13	0 19	0 28	2 8	32 47	15 5	23 51	23 50	21 8		n.a.
W 8	13 30	21 34	1 22	16 7	1 22	24 20	1 54	13 13	1 8	20 15	1 7	24 17	0 55	13 12	0 19	0 28	2 7	32 48	15 6	23 51	23 50	21 6		n.a.
T 9	13 51	18 46	2 21	16 42	1 27	24 32	1 55	13 3	1 5	20 14	1 7	24 16	0 55	13 12	0 19	0 27	2 7	32 48	15 6	23 51	23 50	21 4		n.a.
F 10	14 11	15 10	3 15	17 17	1 32	24 43	1 56	12 53	1 3	20 14	1 7	24 16	0 55	13 11	0 19	0 27	2 7	32 48	15 7	23 51	23 50	21 3		n.a.
S 11	14 32	10 57	4 0	17 51	1 36	24 53	1 57	12 43	1 1	20 13	1 8	24 16	0 54	13 10	0 19	0 26	2 7	32 49	15 7	23 51	23 50	21 1		n.a.
S 12	14 51	6 13	4 36	18 24	1 41	25 2	1 58	12 32	0 58	20 12	1 8	24 15	0 54	13 9	0 19	0 26	2 7	32 49	15 8	23 51	23 50	20 59		n.a.
M13	15 11	1 8	4 59	18 56	1 45	25 11	1 59	12 22	0 56	20 11	1 8	24 15	0 54	13 8	0 19	0 25	2 7	32 50	15 8	23 51	23 50	20 57		n.a.
T 14	15 31	4n 9	5 8	19 27	1 48	25 19	2 0	12 11	0 54	20 11	1 8	24 14	0 54	13 7	0 19	0 25	2 7	32 50	15 9	23 51	23 50	20 56		n.a.
W15	15 50	9 23	5 1	19 57	1 52	25 26	2 1	12 1	0 52	20 10	1 9	24 14	0 54	13 6	0 19	0 24	2 7	32 50	15 10	23 51	23 50	20 54		n.a.
T 16	16 9	14 20	4 37	20 26	1 55	25 32	2 2	11 50	0 49	20 10	1 9	24 13	0 54	13 6	0 19	0 24	2 7	32 51	15 10	23 50	23 50	20 52		n.a.
F 17	16 27	18 38	3 56	20 54	1 58	25 38	2 3	11 39	0 47	20 9	1 9	24 13	0 54	13 5	0 19	0 23	2 7	32 51	15 11	23 50	23 50	20 50		n.a.
S 18	16 45	21 56	2 59	21 21	2 1	25 43	2 3	11 28	0 45	20 9	1 10	24 12	0 54	13 4	0 19	0 23	2 7	32 52	15 11	23 50	23 50	20 49		n.a.
S 19	17 3	23 53	1 51	21 47	2 3	25 47	2 4	11 17	0 43	20 8	1 10	24 12	0 54	13 3	0 19	0 22	2 7	32 52	15 12	23 50	23 50	20 47		n.a.
M20	17 21	24 13	0 34	22 11	2 5	25 50	2 4	11 5	0 41	20 8	1 10	24 12	0 55	13 2	0 19	0 22	2 7	32 53	15 12	23 50	23 50	20 45		n.a.
T 21	17 38	22 54	0 s45	22 34	2 6	25 53	2 5	10 54	0 39	20 7	1 10	24 11	0 55	13 1	0 19	0 22	2 7	32 53	15 13	23 50	23 50	20 43		n.a.
W22	17 56	20 4	2 0	22 55	2 8	25 54	2 5	10 43	0 37	20 7	1 11	24 11	0 55	13 0	0 19	0 21	2 7	32 54	15 13	23 50	23 50	20 41		n.a.
T 23	18 12	16 3	3 7	23 16	2 8	25 55	2 5	10 31	0 35	20 7	1 11	24 10	0 55	13 0	0 19	0 21	2 7	32 54	15 14	23 50	23 50	20 40		n.a.
F 24	18 29	11 11	4 3	23 34	2 8	25 56	2 5	10 20	0 33	20 7	1 11	24 10	0 55	12 59	0 19	0 20	2 7	32 55	15 14	23 50	23 50	20 38		n.a.
S 25	18 45	5 49	4 42	23 51	2 8	25 55	2 5	10 8	0 31	20 7	1 12	24 9	0 55	12 58	0 19	0 20	2 7	32 55	15 15	23 50	23 51	20 36		n.a.
S 26	19 0	0 15	5 6	24 6	2 7	25 54	2 5	9 56	0 29	20 7	1 12	24 8	0 55	12 57	0 19	0 20	2 7	32 56	15 16	23 50	23 51	20 34		n.a.
M27	19 16	5 s14	5 12	24 20	2 5	25 51	2 5	9 44	0 28	20 6	1 12	24 8	0 55	12 56	0 19	0 19	2 7	32 56	15 16	23 50	23 51	20 32		n.a.
T 28	19 31	10 24	5 0	24 31	2 3	25 49	2 4	9 32	0 26	20 6	1 13	24 7	0 55	12 56	0 19	0 19	2 7	32 57	15 17	23 50	23 51	20 31		n.a.
W29	19 45	15 1	4 34	24 41	2 0	25 45	2 4	9 20	0 24	20 7	1 13	24 7	0 55	12 55	0 19	0 19	2 6	32 57	15 17	23 50	23 51	20 29		n.a.
T 30	20 s 0	18 s53	3 s54	24 s49	1 s56	25 s40	2 s 3	9 s 8	0 s22	20n 7	1n13	24 s 6	0 s55	12n54	0 s19	0n18	2 s 6	32n58	15n18	23 s50	23 s51	20 s27		n.a.

Julian Day Number = 1265895.5, Delta T = 08h21m48s
Ecliptic obliquity = 23°50'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'18, Lahiri = -21°10'18 Julian Calendar 1 Nov. 1248 BCE == Greg. Calendar 21 Oct. 1248 BCE

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ASTRODIENST EPHEMERIS for the year 1248 BCE
geocentric

DECEMBER 1248 BCE (-1247) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 53 34	28♏46'58	23♏ 2	15♐45	8♑46	8♓17	6♌38	13♑ 4	4°R21	5°R31	9°R 1	28°R42	0♑ 8	20♑45	n.a.	F 1
S 2	3 57 30	29°48'16	5♐26	17°13	9°58	8°45	6°38	13°10	4♉19	5♈30	9♌ 1	28♐38	0° 5	20°51	n.a.	S 2
S 3	4 1 27	0♐49'32	17°39	18°38	11° 9	9°14	6°R38	13°16	4°16	5°29	9° 1	28°36	0° 2	20°58	n.a.	S 3
M 4	4 5 23	1°50'49	29°41	20° 0	12°21	9°43	6°38	13°22	4°14	5°29	9° 0	28°D36	29♐59	21° 5	n.a.	M 4
T 5	4 9 20	2°52'04	11♑35	21°18	13°33	10°12	6°38	13°28	4°12	5°28	9° 0	28°36	29°56	21°11	n.a.	T 5
W 6	4 13 16	3°53'19	23°24	22°33	14°44	10°41	6°37	13°34	4°10	5°27	8°59	28°38	29°53	21°18	n.a.	W 6
T 7	4 17 13	4°54'32	5♒11	23°42	15°55	11°10	6°37	13°41	4° 8	5°26	8°59	28°40	29°49	21°25	n.a.	T 7
F 8	4 21 10	5°55'45	17° 1	24°46	17° 7	11°40	6°36	13°47	4° 6	5°26	8°59	28°41	29°46	21°31	n.a.	F 8
S 9	4 25 6	6°56'57	28°59	25°44	18°18	12°10	6°35	13°53	4° 4	5°25	8°58	28°42	29°43	21°38	n.a.	S 9
S 10	4 29 3	7°58'08	11♓ 9	26°35	19°29	12°40	6°34	14° 0	4° 2	5°24	8°57	28°R43	29°40	21°45	n.a.	S 10
M11	4 32 59	8°59'18	23°36	27°17	20°40	13°10	6°32	14° 6	4° 0	5°24	8°57	28°42	29°37	21°51	n.a.	M11
T 12	4 36 56	10° 0'26	6♈25	27°51	21°50	13°41	6°31	14°13	3°58	5°23	8°56	28°40	29°34	21°58	n.a.	T 12
W13	4 40 52	11° 1'33	19°39	28°14	23° 1	14°11	6°29	14°19	3°56	5°23	8°56	28°38	29°30	22° 5	n.a.	W13
T 14	4 44 49	12° 2'40	3♉20	28°28	24°12	14°42	6°27	14°26	3°54	5°22	8°55	28°36	29°27	22°11	n.a.	T 14
F 15	4 48 45	13° 3'45	17°26	28°R30	25°22	15°13	6°25	14°33	3°52	5°22	8°54	28°33	29°24	22°18	n.a.	F 15
S 16	4 52 42	14° 4'49	1♊55	28°20	26°32	15°44	6°22	14°39	3°50	5°22	8°53	28°32	29°21	22°25	n.a.	S 16
S 17	4 56 39	15° 5'52	16°42	27°59	27°43	16°15	6°20	14°46	3°48	5°21	8°53	28°31	29°18	22°31	n.a.	S 17
M18	5 0 35	16° 6'54	1♋38	27°27	28°53	16°46	6°17	14°53	3°47	5°21	8°52	28°D30	29°14	22°38	n.a.	M18
T 19	5 4 32	17° 7'55	16°37	26°45	0♒ 2	17°18	6°14	15° 0	3°45	5°21	8°51	28°31	29°11	22°45	n.a.	T 19
W20	5 8 28	18° 8'56	1♌29	25°52	1°12	17°49	6°11	15° 7	3°43	5°20	8°50	28°32	29° 8	22°51	n.a.	W20
T 21	5 12 25	19° 9'55	16° 8	24°51	2°22	18°21	6° 8	15°13	3°42	5°20	8°49	28°33	29° 5	22°58	n.a.	T 21
F 22	5 16 21	20°10'53	0♍29	23°44	3°31	18°53	6° 4	15°20	3°40	5°20	8°48	28°33	29° 2	23° 5	n.a.	F 22
S 23	5 20 18	21°11'50	14°30	22°33	4°41	19°25	6° 0	15°27	3°39	5°20	8°47	28°34	28°59	23°11	n.a.	S 23
S 24	5 24 15	22°12'46	28°10	21°19	5°50	19°57	5°57	15°34	3°37	5°20	8°47	28°R34	28°55	23°18	n.a.	S 24
M25	5 28 11	23°13'41	11♎30	20° 5	6°59	20°29	5°53	15°41	3°36	5°19	8°46	28°33	28°52	23°24	n.a.	M25
T 26	5 32 8	24°14'35	24°32	18°53	8° 7	21° 1	5°48	15°48	3°34	5°19	8°45	28°33	28°49	23°31	n.a.	T 26
W27	5 36 4	25°15'28	7♏17	17°45	9°16	21°34	5°44	15°55	3°33	5°D19	8°43	28°32	28°46	23°38	n.a.	W27
T 28	5 40 1	26°16'20	19°48	16°42	10°24	22° 6	5°40	16° 2	3°32	5°19	8°42	28°32	28°43	23°44	n.a.	T 28
F 29	5 43 57	27°17'11	2♐ 7	15°45	11°33	22°39	5°35	16°10	3°31	5°19	8°41	28°32	28°40	23°51	n.a.	F 29
S 30	5 47 54	28°18'00	14°16	14°56	12°41	23°12	5°30	16°17	3°29	5°19	8°40	28°D32	28°36	23°58	n.a.	S 30
S 31	5 51 50	29♐18'48	26♐16	14♐15	13♒49	23♓45	5♌25	16♑24	3♉28	5♈20	8♌39	28°R32	28♐33	24♑ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s13	21s47	3s 3	24s55	1s51	25s35	2s 3	8s56	0s21	20n 7	1n14	24s 6	0s55	12n53	0s19	0n18	2s 6	32n59	15n18	23s50	23s51	20s25		n.a.
S 2	20 27	23 36	2 4	24 58	1 46	25 29	2 2	8 43	0 19	20 7	1 14	24 5	0 55	12 53	0 19	0 18	2 6	32 59	15 19	23 50	23 51	20 23		n.a.
S 3	20 40	24 15	1 0	25 0	1 40	25 23	2 1	8 31	0 17	20 7	1 14	24 4	0 55	12 52	0 19	0 17	2 6	33 0	15 19	23 50	23 51	20 21		n.a.
M 4	20 53	23 45	0n 6	25 0	1 32	25 15	2 0	8 18	0 16	20 8	1 14	24 4	0 55	12 51	0 19	0 17	2 6	33 0	15 20	23 50	23 51	20 20		n.a.
T 5	21 5	22 9	1 11	24 57	1 24	25 7	1 59	8 6	0 14	20 8	1 15	24 3	0 55	12 50	0 19	0 17	2 6	33 1	15 20	23 50	23 51	20 18		n.a.
W 6	21 17	19 36	2 13	24 53	1 15	24 58	1 58	7 53	0 13	20 8	1 15	24 3	0 55	12 50	0 19	0 17	2 6	33 2	15 21	23 50	23 51	20 16		n.a.
T 7	21 28	16 15	3 8	24 46	1 5	24 48	1 57	7 40	0 11	20 9	1 15	24 2	0 55	12 49	0 19	0 16	2 6	33 2	15 21	23 50	23 51	20 14		n.a.
F 8	21 39	12 15	3 56	24 37	0 53	24 38	1 55	7 27	0 10	20 9	1 16	24 1	0 55	12 48	0 19	0 16	2 6	33 3	15 22	23 50	23 51	20 12		n.a.
S 9	21 50	7 44	4 35	24 27	0 41	24 27	1 54	7 14	0 8	20 10	1 16	24 1	0 55	12 48	0 19	0 16	2 6	33 3	15 22	23 50	23 51	20 10		n.a.
S 10	22 0	2 52	5 1	24 15	0 27	24 15	1 52	7 1	0 7	20 11	1 16	24 0	0 55	12 47	0 19	0 16	2 6	33 4	15 23	23 50	23 51	20 8		n.a.
M11	22 10	2n14	5 15	24 1	0 12	24 3	1 51	6 48	0 5	20 11	1 17	23 59	0 55	12 46	0 19	0 16	2 6	33 5	15 23	23 50	23 51	20 7		n.a.
T 12	22 19	7 22	5 13	23 46	0n 4	23 50	1 49	6 35	0 4	20 12	1 17	23 59	0 55	12 46	0 19	0 16	2 6	33 5	15 24	23 50	23 51	20 5		n.a.
W13	22 28	12 21	4 55	23 29	0 20	23 36	1 47	6 22	0 3	20 13	1 17	23 58	0 55	12 45	0 19	0 15	2 6	33 6	15 24	23 50	23 50	20 3		n.a.
T 14	22 37	16 54	4 20	23 12	0 38	23 22	1 45	6 9	0 1	20 14	1 18	23 57	0 55	12 44	0 19	0 15	2 6	33 7	15 25	23 50	23 50	20 1		n.a.
F 15	22 45	20 39	3 28	22 54	0 56	23 7	1 43	5 55	0n 0	20 14	1 18	23 57	0 55	12 44	0 19	0 15	2 5	33 7	15 25	23 50	23 50	19 59		n.a.
S 16	22 52	23 13	2 22	22 35	1 15	22 51	1 41	5 42	0 1	20 15	1 18	23 56	0 55	12 43	0 18	0 15	2 5	33 8	15 26	23 50	23 50	19 57		n.a.
S 17	23 0	24 15	1 5	22 16	1 34	22 35	1 39	5 28	0 3	20 16	1 18	23 55	0 55	12 43	0 18	0 15	2 5	33 9	15 26	23 50	23 50	19 55		n.a.
M18	23 6	23 33	0s17	21 56	1 53	22 18	1 36	5 15	0 4	20 17	1 19	23 54	0 55	12 42	0 18	0 15	2 5	33 9	15 27	23 50	23 50	19 53		n.a.
T 19	23 12	21 9	1 39	21 37	2 11	22 1	1 34	5 1	0 5	20 18	1 19	23 54	0 55	12 41	0 18	0 15	2 5	33 10	15 27	23 50	23 50	19 51		n.a.
W20	23 18	17 21	2 53	21 18	2 29	21 43	1 31	4 48	0 6	20 19	1 19	23 53	0 55	12 41	0 18	0 15	2 5	33 11	15 27	23 50	23 50	19 49		n.a.
T 21	23 24	12 32	3 55	21 0	2 45	21 24	1 29	4 34	0 8	20 20	1 20	23 52	0 55	12 40	0 18	0 15	2 5	33 11	15 28	23 50	23 50	19 48		n.a.
F 22	23 28	7 7	4 41	20 42	3 0	21 5	1 26	4 20	0 9	20 22	1 20	23 51	0 55	12 40	0 18	0 15	2 5	33 12	15 28	23 50	23 50	19 46		n.a.
S 23	23 33	1 28	5 8	20 26	3 12	20 45	1 23	4 6	0 10	20 23	1 20	23 51	0 55	12 39	0 18	0 15	2 5	33 13	15 29	23 50	23 50	19 44		n.a.
S 24	23 37	4s 6	5 18	20 11	3 23	20 25	1 20	3 53	0 11	20 24	1 20	23 50	0 55	12 39	0 18	0 15	2 5	33 14	15 29	23 50	23 50	19 42		n.a.
M25	23 40	9 21	5 10	19 57	3 31	20 4	1 17	3 39	0 12	20 25	1 21	23 49	0 55	12 38	0 18	0 15	2 5	33 14	15 30	23 50	23 50	19 40		n.a.
T 26	23 43	14 5	4 46	19 46	3 37	19 43	1 13	3 25	0 13	20 27	1 21	23 48	0 55	12 38	0 18	0 15	2 5	33 15	15 30	23 50	23 50	19 38		n.a.
W27	23 45	18 4	4 8	19 37	3 40	19 22	1 10	3 11	0 14	20 28	1 21	23 47	0 55	12 37	0 18	0 15	2 5	33 16	15 30	23 50	23 50	19 36		n.a.
T 28	23 47	21 10	3 19	19 29	3 42	19 0	1 7	2 57	0 15	20 29	1 22	23 47	0 55	12 37	0 18	0 15	2 5	33 16	15 31	23 50	23 50	19 34		n.a.
F 29	23 49	23 15	2 22	19 25	3 41	18 37	1 3	2 43	0 16	20 31	1 22	23 46	0 55	12 37	0 18	0 15	2 4	33 17	15 31	23 50	23 50	19 32		n.a.
S 30	23 50	24 12	1 19	19 22	3 38	18 14	0 59	2 29	0 17	20 32	1 22	23 45	0 55	12 36	0 18	0 15	2 4	33 18	15 32	23 50	23 50	19 30		n.a.
S 31	23s50	24s 0	0s13	19s22	3n33	17s51	0s56	2s15	0n19	20n34	1n22	23s44	0s55	12n36	0s18	0n15	2s 4	33n18	15n32	23s50	23s50	19s28		n.a.

Julian Day Number = 1265925.5, Delta T = 08h21m46s
Ecliptic obliquity = 23°50'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'14, Lahiri = -21°10'14 Julian Calendar 1 Dec. 1248 BCE == Greg. Calendar 20 Nov. 1248 BCE

The year -1247 astronomical counting style corresponds to year 1248 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1247 BCE
geocentric

JANUARY 1247 BCE (-1246) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 55 47	0♉19'34	8♉11	13°R42	14♒56	24♓18	5°R20	16♉31	3°R27	5♈20	8°R38	28°R32	28♐30	24♉11	n.a.	M 1
T 2	5 59 44	1°20'19	20° 1	13♐17	16° 4	24°51	5♌15	16°38	3♉26	5°20	8♌37	28♐32	28°27	24°18	n.a.	T 2
W 3	6 3 40	2°21'02	1♒49	13° 0	17°11	25°24	5° 9	16°46	3°25	5°20	8°36	28°31	28°24	24°24	n.a.	W 3
T 4	6 7 37	3°21'44	13°38	12°51	18°18	25°57	5° 3	16°53	3°24	5°20	8°34	28°31	28°20	24°31	n.a.	T 4
F 5	6 11 33	4°22'23	25°29	12°D49	19°25	26°31	4°58	17° 0	3°23	5°21	8°33	28°30	28°17	24°38	n.a.	F 5
S 6	6 15 30	5°23'01	7♓28	12°55	20°32	27° 4	4°52	17° 7	3°22	5°21	8°32	28°29	28°14	24°44	n.a.	S 6
S 7	6 19 26	6°23'37	19°37	13° 7	21°38	27°38	4°46	17°15	3°22	5°21	8°31	28°28	28°11	24°51	n.a.	S 7
M 8	6 23 23	7°24'10	2♈ 1	13°25	22°44	28°11	4°40	17°22	3°21	5°22	8°29	28°D28	28° 8	24°58	n.a.	M 8
T 9	6 27 19	8°24'42	14°44	13°49	23°50	28°45	4°33	17°29	3°20	5°22	8°28	28°28	28° 5	25° 4	n.a.	T 9
W10	6 31 16	9°25'12	27°50	14°18	24°56	29°19	4°27	17°37	3°20	5°23	8°27	28°28	28° 1	25°11	n.a.	W10
T 11	6 35 13	10°25'40	11♉21	14°52	26° 1	29°53	4°20	17°44	3°19	5°23	8°25	28°29	27°58	25°18	n.a.	T 11
F 12	6 39 9	11°26'05	25°20	15°30	27° 6	0♈26	4°14	17°51	3°18	5°24	8°24	28°30	27°55	25°24	n.a.	F 12
S 13	6 43 6	12°26'29	9♊45	16°13	28°11	1° 1	4° 7	17°59	3°18	5°24	8°22	28°31	27°52	25°31	n.a.	S 13
S 14	6 47 2	13°26'51	24°34	17° 0	29°15	1°35	4° 0	18° 6	3°18	5°25	8°21	28°R32	27°49	25°38	n.a.	S 14
M15	6 50 59	14°27'10	9♋39	17°50	0♓19	2° 9	3°53	18°14	3°17	5°25	8°20	28°32	27°46	25°44	n.a.	M15
T 16	6 54 55	15°27'28	24°53	18°43	1°23	2°43	3°46	18°21	3°17	5°26	8°18	28°31	27°42	25°51	n.a.	T 16
W17	6 58 52	16°27'44	10♌ 5	19°40	2°27	3°17	3°39	18°28	3°17	5°27	8°17	28°29	27°39	25°58	n.a.	W17
T 18	7 2 48	17°27'58	25° 6	20°39	3°30	3°52	3°32	18°36	3°16	5°27	8°15	28°26	27°36	26° 4	n.a.	T 18
F 19	7 6 45	18°28'10	9♍47	21°41	4°33	4°26	3°25	18°43	3°16	5°28	8°14	28°24	27°33	26°11	n.a.	F 19
S 20	7 10 42	19°28'21	24° 4	22°45	5°35	5° 0	3°17	18°51	3°16	5°29	8°12	28°22	27°30	26°18	n.a.	S 20
S 21	7 14 38	20°28'29	7♎54	23°51	6°37	5°35	3°10	18°58	3°16	5°30	8°11	28°20	27°26	26°24	n.a.	S 21
M22	7 18 35	21°28'37	21°17	25° 0	7°39	6° 9	3° 2	19° 5	3°D16	5°31	8° 9	28°D19	27°23	26°31	n.a.	M22
T 23	7 22 31	22°28'42	4♏15	26°11	8°40	6°44	2°55	19°13	3°16	5°32	8° 8	28°20	27°20	26°38	n.a.	T 23
W24	7 26 28	23°28'46	16°53	27°24	9°41	7°19	2°47	19°20	3°16	5°33	8° 6	28°21	27°17	26°44	n.a.	W24
T 25	7 30 24	24°28'48	29°13	28°38	10°42	7°54	2°40	19°28	3°16	5°33	8° 5	28°23	27°14	26°51	n.a.	T 25
F 26	7 34 21	25°28'48	11♐20	29°55	11°42	8°28	2°32	19°35	3°16	5°34	8° 3	28°25	27°11	26°58	n.a.	F 26
S 27	7 38 17	26°28'46	23°18	1♉12	12°42	9° 3	2°24	19°42	3°17	5°35	8° 1	28°R26	27° 7	27° 4	n.a.	S 27
S 28	7 42 14	27°28'42	5♉10	2°32	13°41	9°38	2°17	19°50	3°17	5°37	8° 0	28°26	27° 4	27°11	n.a.	S 28
M29	7 46 11	28°28'36	16°58	3°53	14°40	10°13	2° 9	19°57	3°17	5°38	7°58	28°24	27° 1	27°18	n.a.	M29
T 30	7 50 7	29°28'29	28°46	5°16	15°38	10°48	2° 1	20° 4	3°18	5°39	7°57	28°21	26°58	27°24	n.a.	T 30
W31	7 54 4	0♒28'19	10♒36	6♉40	16♓36	11♈23	1♌53	20♉12	3♉18	5♈40	7♌55	28♐16	26♐55	27♉31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23 s51	22 s42	0n53	19 s24	3n27	17 s27	0 s52	2 s 0	0n20	20n35	1n23	23 s43	0 s56	12n35	0 s18	0n15	2 s 4	33n19	15n32	23 s50	23 s50	19 s26			n.a.
T 2	23 50	20 24	1 57	19 28	3 20	17 3	0 48	1 46	0 20	20 37	1 23	23 42	0 56	12 35	0 18	0 15	2 4	33 20	15 33	23 50	23 50	19 24			n.a.
W 3	23 49	17 15	2 55	19 34	3 12	16 38	0 44	1 32	0 21	20 39	1 23	23 41	0 56	12 35	0 18	0 16	2 4	33 20	15 33	23 50	23 50	19 22			n.a.
T 4	23 48	13 25	3 45	19 42	3 3	16 13	0 39	1 18	0 22	20 40	1 23	23 41	0 56	12 35	0 18	0 16	2 4	33 21	15 34	23 50	23 50	19 20			n.a.
F 5	23 46	9 4	4 27	19 52	2 53	15 48	0 35	1 3	0 23	20 42	1 24	23 40	0 56	12 34	0 18	0 16	2 4	33 22	15 34	23 50	23 50	19 18			n.a.
S 6	23 44	4 20	4 57	20 3	2 42	15 22	0 31	0 49	0 24	20 44	1 24	23 39	0 56	12 34	0 18	0 16	2 4	33 23	15 34	23 50	23 50	19 16			n.a.
S 7	23 41	0n37	5 14	20 15	2 32	14 57	0 26	0 35	0 25	20 45	1 24	23 38	0 56	12 34	0 18	0 16	2 4	33 23	15 35	23 50	23 50	19 15			n.a.
M 8	23 38	5 39	5 17	20 28	2 21	14 30	0 22	0 20	0 26	20 47	1 24	23 37	0 56	12 33	0 18	0 17	2 4	33 24	15 35	23 50	23 50	19 13			n.a.
T 9	23 34	10 34	5 5	20 42	2 10	14 4	0 17	0 6	0 27	20 49	1 25	23 36	0 56	12 33	0 18	0 17	2 4	33 25	15 35	23 50	23 50	19 11			n.a.
W10	23 30	15 10	4 37	20 56	1 59	13 37	0 12	0n 9	0 28	20 51	1 25	23 35	0 56	12 33	0 18	0 17	2 4	33 25	15 36	23 50	23 50	19 9			n.a.
T 11	23 25	19 10	3 53	21 11	1 48	13 10	0 7	0 23	0 29	20 52	1 25	23 34	0 56	12 33	0 18	0 17	2 4	33 26	15 36	23 50	23 50	19 7			n.a.
F 12	23 20	22 14	2 54	21 27	1 36	12 43	0 2	0 38	0 30	20 54	1 25	23 33	0 56	12 33	0 18	0 18	2 3	33 27	15 36	23 50	23 50	19 5			n.a.
S 13	23 15	23 58	1 42	21 42	1 25	12 16	0n 3	0 52	0 30	20 56	1 25	23 32	0 56	12 33	0 18	0 18	2 3	33 27	15 36	23 50	23 49	19 3			n.a.
S 14	23 9	24 6	0 22	21 58	1 14	11 48	0 8	1 7	0 31	20 58	1 26	23 31	0 56	12 32	0 18	0 18	2 3	33 28	15 37	23 50	23 49	19 1			n.a.
M15	23 3	22 28	1 s 1	22 13	1 3	11 21	0 13	1 21	0 32	21 0	1 26	23 30	0 56	12 32	0 18	0 19	2 3	33 29	15 37	23 50	23 49	18 59			n.a.
T 16	22 56	19 12	2 21	22 29	0 53	10 53	0 18	1 36	0 33	21 2	1 26	23 30	0 56	12 32	0 18	0 19	2 3	33 29	15 37	23 50	23 49	18 57			n.a.
W17	22 49	14 39	3 30	22 44	0 42	10 25	0 24	1 50	0 34	21 3	1 26	23 29	0 56	12 32	0 18	0 19	2 3	33 30	15 38	23 50	23 49	18 55			n.a.
T 18	22 41	9 14	4 24	22 58	0 32	9 56	0 29	2 5	0 34	21 5	1 26	23 28	0 57	12 32	0 18	0 20	2 3	33 31	15 38	23 50	23 49	18 53			n.a.
F 19	22 33	3 25	4 59	23 13	0 22	9 28	0 35	2 19	0 35	21 7	1 27	23 27	0 57	12 32	0 18	0 20	2 3	33 31	15 38	23 50	23 49	18 51			n.a.
S 20	22 24	2 s25	5 15	23 26	0 12	9 0	0 40	2 34	0 36	21 9	1 27	23 26	0 57	12 32	0 18	0 20	2 3	33 32	15 38	23 50	23 49	18 49			n.a.
S 21	22 15	7 56	5 11	23 39	0 3	8 31	0 46	2 49	0 36	21 11	1 27	23 25	0 57	12 32	0 18	0 21	2 3	33 33	15 38	23 50	23 49	18 47			n.a.
M22	22 6	12 55	4 51	23 51	0 s 6	8 2	0 52	3 3	0 37	21 13	1 27	23 24	0 57	12 32	0 18	0 21	2 3	33 33	15 39	23 50	23 49	18 44			n.a.
T 23	21 56	17 9	4 16	24 3	0 15	7 34	0 58	3 18	0 38	21 15	1 27	23 23	0 57	12 32	0 18	0 22	2 3	33 34	15 39	23 50	23 49	18 42			n.a.
W24	21 46	20 30	3 29	24 13	0 24	7 5	1 4	3 32	0 39	21 17	1 27	23 22	0 57	12 32	0 18	0 22	2 3	33 35	15 39	23 50	23 49	18 40			n.a.
T 25	21 35	22 49	2 34	24 23	0 32	6 36	1 10	3 47	0 39	21 19	1 28	23 21	0 57	12 32	0 18	0 22	2 3	33 35	15 39	23 50	23 49	18 38			n.a.
F 26	21 24	24 3	1 33	24 31	0 41	6 7	1 16	4 1	0 40	21 21	1 28	23 20	0 57	12 32	0 18	0 23	2 2	33 36	15 39	23 50	23 49	18 36			n.a.
S 27	21 13	24 8	0 28	24 39	0 48	5 39	1 22	4 16	0 41	21 23	1 28	23 19	0 57	12 32	0 18	0 23	2 2	33 36	15 40	23 50	23 49	18 34			n.a.
S 28	21 1	23 7	0n37	24 45	0 56	5 10	1 29	4 31	0 41	21 25	1 28	23 18	0 57	12 33	0 17	0 24	2 2	33 37	15 40	23 50	23 49	18 32			n.a.
M29	20 49	21 5	1 40	24 50	1 3	4 41	1 35	4 45	0 42	21 27	1 28	23 17	0 57	12 33	0 17	0 24	2 2	33 38	15 40	23 50	23 48	18 30			n.a.
T 30	20 36	18 10	2 39	24 54	1 10	4 12	1 41	5 0	0 43	21 28	1 28	23 16	0 57	12 33	0 17	0 25	2 2	33 38	15 40	23 50	23 48	18 28			n.a.
W31	20 s23	14 s30	3n30	24 s56	1 s16	3 s44	1n48	5n14	0n43	21n30	1n28	23 s15	0 s58	12n33	0 s17	0n25	2 s 2	33n39	15n40	23 s50	23 s48	18 s26			n.a.

Julian Day Number = 1265956.5, Delta T = 08h21m45s
Ecliptic obliquity = 23°50'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'10, Lahiri = -21°10'09 Julian Calendar 1 Jan. 1247 BCE == Greg. Calendar 21 Dec. 1248 BCE

The year -1246 astronomical counting style corresponds to year 1247 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1247 BCE
geocentric

FEBRUARY 1247 BCE (-1246) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 58 0	1♒28'06	22♒28	8♉ 5	17♓33	11♈58	1°R45	20♉19	3♉19	5♈41	7°R54	28°R10	26♐52	27♉38	n.a.	T 1
F 2	8 1 57	2°27'52	4♓26	9°32	18°30	12°33	1♎37	20°26	3°19	5°42	7♎52	28♐ 4	26°48	27°44	n.a.	F 2
S 3	8 5 53	3°27'35	16°30	11° 0	19°26	13° 9	1°30	20°34	3°20	5°43	7°50	27°57	26°45	27°51	n.a.	S 3
S 4	8 9 50	4°27'16	28°44	12°29	20°21	13°44	1°22	20°41	3°21	5°45	7°49	27°52	26°42	27°58	n.a.	S 4
M 5	8 13 46	5°26'55	11♈10	14° 0	21°16	14°19	1°14	20°48	3°21	5°46	7°47	27°48	26°39	28° 4	n.a.	M 5
T 6	8 17 43	6°26'31	23°52	15°32	22°11	14°54	1° 6	20°55	3°22	5°47	7°45	27°45	26°36	28°11	n.a.	T 6
W 7	8 21 39	7°26'05	6♉52	17° 5	23° 5	15°30	0°59	21° 3	3°23	5°49	7°44	27°D44	26°32	28°18	n.a.	W 7
T 8	8 25 36	8°25'36	20°14	18°40	23°58	16° 5	0°51	21°10	3°24	5°50	7°42	27°45	26°29	28°24	n.a.	T 8
F 9	8 29 33	9°25'05	4♊ 0	20°15	24°50	16°41	0°43	21°17	3°25	5°51	7°41	27°46	26°26	28°31	n.a.	F 9
S 10	8 33 29	10°24'31	18°11	21°53	25°42	17°16	0°36	21°24	3°26	5°53	7°39	27°47	26°23	28°38	n.a.	S 10
S 11	8 37 26	11°23'55	2♋47	23°31	26°33	17°52	0°28	21°31	3°27	5°54	7°37	27°R47	26°20	28°44	n.a.	S 11
M12	8 41 22	12°23'17	17°44	25°11	27°23	18°27	0°20	21°38	3°28	5°56	7°36	27°46	26°17	28°51	n.a.	M12
T 13	8 45 19	13°22'36	2♌54	26°52	28°12	19° 3	0°13	21°46	3°29	5°57	7°34	27°42	26°13	28°58	n.a.	T 13
W14	8 49 15	14°21'53	18° 9	28°34	29° 1	19°38	0° 6	21°53	3°30	5°59	7°33	27°37	26°10	29° 4	n.a.	W14
T 15	8 53 12	15°21'07	3♍19	0♒18	29°48	20°14	29♋58	22° 0	3°32	6° 0	7°31	27°30	26° 7	29°11	n.a.	T 15
F 16	8 57 8	16°20'20	18°12	2° 2	0♈35	20°50	29°51	22° 7	3°33	6° 2	7°29	27°22	26° 4	29°18	n.a.	F 16
S 17	9 1 5	17°19'30	2♎41	3°49	1°21	21°25	29°44	22°14	3°34	6° 4	7°28	27°15	26° 1	29°24	n.a.	S 17
S 18	9 5 2	18°18'39	16°42	5°36	2° 6	22° 1	29°37	22°20	3°36	6° 5	7°26	27° 9	25°57	29°31	n.a.	S 18
M19	9 8 58	19°17'45	0♏14	7°25	2°50	22°37	29°30	22°27	3°37	6° 7	7°25	27° 5	25°54	29°38	n.a.	M19
T 20	9 12 55	20°16'50	13°17	9°16	3°33	23°12	29°23	22°34	3°39	6° 8	7°23	27° 4	25°51	29°44	n.a.	T 20
W21	9 16 51	21°15'53	25°55	11° 7	4°14	23°48	29°16	22°41	3°40	6°10	7°22	27°D 3	25°48	29°51	n.a.	W21
T 22	9 20 48	22°14'54	8♐13	13° 1	4°55	24°24	29° 9	22°48	3°42	6°12	7°20	27° 4	25°45	29°58	n.a.	T 22
F 23	9 24 44	23°13'53	20°17	14°55	5°35	25° 0	29° 2	22°55	3°43	6°14	7°18	27° 5	25°42	0♒ 4	n.a.	F 23
S 24	9 28 41	24°12'50	2♑10	16°51	6°13	25°36	28°56	23° 1	3°45	6°15	7°17	27°R 5	25°38	0°11	n.a.	S 24
S 25	9 32 37	25°11'45	13°58	18°48	6°50	26°12	28°50	23° 8	3°47	6°17	7°15	27° 4	25°35	0°18	n.a.	S 25
M26	9 36 34	26°10'39	25°45	20°47	7°26	26°48	28°43	23°15	3°48	6°19	7°14	27° 0	25°32	0°24	n.a.	M26
T 27	9 40 30	27° 9'30	7♒34	22°46	8° 1	27°24	28°37	23°21	3°50	6°21	7°12	26°53	25°29	0°31	n.a.	T 27
W28	9 44 27	28♒ 8'19	19♒27	24♒48	8♈34	28♈ 0	28♋31	23♉28	3♉52	6♈23	7♎11	26♐44	25♐26	0♒38	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s10	10s16	4n13	24s58	1s22	3s15	1n54	5n29	0n44	21n32	1n28	23s14	0s58	12n33	0s17	0n26	2s 2	33n39	15n40	23s50	23s48	18s24		n.a.
F 2	19 56	5 38	4 45	24 58	1 28	2 46	2 1	5 43	0 44	21 34	1 28	23 13	0 58	12 34	0 17	0 26	2 2	33 40	15 40	23 50	23 48	18 22		n.a.
S 3	19 42	0 45	5 5	24 56	1 34	2 18	2 8	5 58	0 45	21 36	1 28	23 12	0 58	12 34	0 17	0 27	2 2	33 41	15 41	23 50	23 48	18 20		n.a.
S 4	19 28	4n14	5 11	24 53	1 39	1 50	2 14	6 12	0 46	21 38	1 29	23 10	0 58	12 34	0 17	0 28	2 2	33 41	15 41	23 49	23 48	18 18		n.a.
M 5	19 14	9 7	5 3	24 48	1 43	1 22	2 21	6 27	0 46	21 40	1 29	23 9	0 58	12 34	0 17	0 28	2 2	33 42	15 41	23 49	23 48	18 16		n.a.
T 6	18 59	13 44	4 40	24 42	1 48	0 54	2 28	6 41	0 47	21 41	1 29	23 8	0 58	12 35	0 17	0 29	2 2	33 42	15 41	23 49	23 48	18 14		n.a.
W 7	18 43	17 50	4 2	24 35	1 52	0 26	2 35	6 55	0 47	21 43	1 29	23 7	0 58	12 35	0 17	0 29	2 2	33 43	15 41	23 49	23 48	18 12		n.a.
T 8	18 28	21 9	3 10	24 25	1 55	0n 2	2 42	7 10	0 48	21 45	1 29	23 6	0 58	12 35	0 17	0 30	2 2	33 43	15 41	23 49	23 48	18 10		n.a.
F 9	18 12	23 21	2 6	24 14	1 58	0 29	2 49	7 24	0 48	21 47	1 29	23 5	0 58	12 36	0 17	0 31	2 2	33 44	15 41	23 49	23 48	18 7		n.a.
S 10	17 56	24 10	0 52	24 1	2 1	0 56	2 56	7 39	0 49	21 48	1 29	23 4	0 59	12 36	0 17	0 31	2 2	33 44	15 41	23 49	23 48	18 5		n.a.
S 11	17 39	23 22	0s27	23 47	2 3	1 23	3 3	7 53	0 49	21 50	1 29	23 3	0 59	12 36	0 17	0 32	2 1	33 45	15 41	23 49	23 47	18 3		n.a.
M12	17 22	20 54	1 46	23 31	2 5	1 50	3 10	8 7	0 50	21 52	1 29	23 2	0 59	12 37	0 17	0 32	2 1	33 45	15 41	23 49	23 47	18 1		n.a.
T 13	17 5	16 57	2 58	23 13	2 7	2 16	3 17	8 21	0 50	21 54	1 29	23 1	0 59	12 37	0 17	0 33	2 1	33 46	15 41	23 49	23 47	17 59		n.a.
W14	16 48	11 52	3 58	22 53	2 8	2 43	3 24	8 35	0 51	21 55	1 29	23 0	0 59	12 38	0 17	0 34	2 1	33 46	15 41	23 49	23 47	17 57		n.a.
T 15	16 30	6 6	4 41	22 31	2 8	3 8	3 31	8 50	0 51	21 57	1 29	22 59	0 59	12 38	0 17	0 34	2 1	33 47	15 41	23 49	23 47	17 55		n.a.
F 16	16 12	0 6	5 4	22 7	2 8	3 34	3 38	9 4	0 52	21 58	1 29	22 58	0 59	12 39	0 17	0 35	2 1	33 47	15 41	23 49	23 47	17 53		n.a.
S 17	15 54	5s45	5 6	21 42	2 8	3 59	3 45	9 18	0 52	22 0	1 29	22 57	0 59	12 39	0 17	0 36	2 1	33 48	15 41	23 49	23 47	17 51		n.a.
S 18	15 36	11 7	4 50	21 14	2 7	4 24	3 53	9 32	0 53	22 1	1 29	22 56	0 59	12 39	0 17	0 36	2 1	33 48	15 41	23 49	23 47	17 49		n.a.
M19	15 17	15 45	4 18	20 45	2 5	4 48	4 0	9 46	0 53	22 3	1 29	22 55	1 0	12 40	0 17	0 37	2 1	33 48	15 41	23 49	23 47	17 46		n.a.
T 20	14 58	19 28	3 33	20 13	2 4	5 12	4 7	10 0	0 54	22 4	1 29	22 54	1 0	12 41	0 17	0 38	2 1	33 49	15 41	23 49	23 47	17 44		n.a.
W21	14 39	22 8	2 40	19 40	2 1	5 35	4 14	10 14	0 54	22 6	1 29	22 53	1 0	12 41	0 17	0 39	2 1	33 49	15 41	23 49	23 46	17 42		n.a.
T 22	14 20	23 41	1 40	19 4	1 58	5 58	4 21	10 27	0 55	22 7	1 29	22 52	1 0	12 42	0 17	0 39	2 1	33 50	15 41	23 49	23 46	17 40		n.a.
F 23	14 0	24 5	0 37	18 27	1 54	6 21	4 29	10 41	0 55	22 9	1 29	22 51	1 0	12 42	0 17	0 40	2 1	33 50	15 41	23 49	23 46	17 38		n.a.
S 24	13 40	23 22	0n27	17 48	1 50	6 43	4 36	10 55	0 55	22 10	1 29	22 50	1 0	12 43	0 17	0 41	2 1	33 50	15 41	23 49	23 46	17 36		n.a.
S 25	13 20	21 37	1 29	17 7	1 46	7 4	4 43	11 9	0 56	22 11	1 29	22 49	1 0	12 43	0 17	0 42	2 1	33 51	15 41	23 49	23 46	17 34		n.a.
M26	13 0	18 56	2 27	16 24	1 40	7 25	4 50	11 22	0 56	22 12	1 29	22 48	1 0	12 44	0 17	0 42	2 1	33 51	15 41	23 48	23 46	17 32		n.a.
T 27	12 40	15 29	3 19	15 39	1 35	7 46	4 57	11 36	0 57	22 14	1 29	22 47	1 0	12 45	0 17	0 43	2 1	33 51	15 40	23 48	23 46	17 29		n.a.
W28	12s19	11s25	4n 2	14s52	1s28	8n 5	5n 4	11n49	0n57	22n15	1n29	22s46	1s 1	12n45	0s17	0n44	2s 1	33n52	15n40	23s48	23s46	17s27		n.a.

Julian Day Number = 1265987.5, Delta T = 08h21m43s
Ecliptic obliquity = 23°50'33, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'06, Lahiri = -21°10'05 Julian Calendar 1 Feb. 1247 BCE == Greg. Calendar 21 Jan. 1247 BCE

The year -1246 astronomical counting style corresponds to year 1247 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1247 BCE
geocentric

MARCH 1247 BCE (-1246) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 48 24	29♒ 7'06	1♓26	26♒50	9♈ 6	28♈36	28°R25	23♑34	3♉54	6♈24	7°R 9	26°R33	25♐23	0♒44	n.a.	T 1
F 2	9 52 20	0♓ 5'50	13°33	28°53	9°36	29°12	28♋19	23°41	3°56	6°26	7♌ 8	26♐21	25°19	0°51	n.a.	F 2
S 3	9 56 17	1° 4'33	25°49	0♓57	10° 4	29°48	28°14	23°47	3°58	6°28	7° 6	26° 9	25°16	0°58	n.a.	S 3
S 4	10 0 13	2° 3'13	8♈15	3° 2	10°32	0♉24	28° 8	23°54	4° 0	6°30	7° 5	25°58	25°13	1° 4	n.a.	S 4
M 5	10 4 10	3° 1'51	20°52	5° 8	10°57	1° 0	28° 3	24° 0	4° 2	6°32	7° 4	25°50	25°10	1°11	n.a.	M 5
T 6	10 8 6	4° 0'27	3♉40	7°14	11°21	1°36	27°58	24° 6	4° 4	6°34	7° 2	25°43	25° 7	1°18	n.a.	T 6
W 7	10 12 3	4°59'01	16°44	9°20	11°43	2°12	27°53	24°12	4° 6	6°36	7° 1	25°40	25° 3	1°24	n.a.	W 7
T 8	10 15 59	5°57'32	0♊ 3	11°27	12° 3	2°48	27°48	24°19	4° 9	6°38	6°59	25°38	25° 0	1°31	n.a.	T 8
F 9	10 19 56	6°56'01	13°42	13°33	12°21	3°25	27°43	24°25	4°11	6°40	6°58	25°D38	24°57	1°38	n.a.	F 9
S 10	10 23 52	7°54'27	27°40	15°38	12°37	4° 1	27°39	24°31	4°13	6°42	6°57	25°R38	24°54	1°44	n.a.	S 10
S 11	10 27 49	8°52'52	12♋ 0	17°43	12°51	4°37	27°34	24°37	4°15	6°44	6°55	25°38	24°51	1°51	n.a.	S 11
M12	10 31 46	9°51'14	26°38	19°46	13° 3	5°13	27°30	24°43	4°18	6°46	6°54	25°35	24°48	1°58	n.a.	M12
T 13	10 35 42	10°49'33	11♌31	21°48	13°13	5°49	27°26	24°49	4°20	6°48	6°53	25°29	24°44	2° 5	n.a.	T 13
W14	10 39 39	11°47'51	26°32	23°48	13°20	6°26	27°22	24°55	4°23	6°50	6°52	25°21	24°41	2°11	n.a.	W14
T 15	10 43 35	12°46'06	11♍31	25°46	13°26	7° 2	27°18	25° 0	4°25	6°52	6°50	25°11	24°38	2°18	n.a.	T 15
F 16	10 47 32	13°44'20	26°20	27°41	13°29	7°38	27°14	25° 6	4°28	6°54	6°49	25° 0	24°35	2°25	n.a.	F 16
S 17	10 51 28	14°42'31	10♎49	29°34	13°R29	8°15	27°11	25°12	4°30	6°56	6°48	24°49	24°32	2°31	n.a.	S 17
S 18	10 55 25	15°40'41	24°53	1♈24	13°28	8°51	27° 8	25°18	4°33	6°59	6°47	24°40	24°29	2°38	n.a.	S 18
M19	10 59 21	16°38'49	8♏29	3°10	13°23	9°27	27° 5	25°23	4°35	7° 1	6°46	24°33	24°25	2°45	n.a.	M19
T 20	11 3 18	17°36'56	21°37	4°53	13°17	10° 4	27° 2	25°29	4°38	7° 3	6°44	24°29	24°22	2°51	n.a.	T 20
W21	11 7 15	18°35'01	4♐19	6°32	13° 8	10°40	26°59	25°34	4°41	7° 5	6°43	24°26	24°19	2°58	n.a.	W21
T 22	11 11 11	19°33'05	16°40	8° 8	12°56	11°16	26°57	25°39	4°43	7° 7	6°42	24°26	24°16	3° 5	n.a.	T 22
F 23	11 15 8	20°31'07	28°44	9°39	12°42	11°53	26°54	25°45	4°46	7° 9	6°41	24°26	24°13	3°11	n.a.	F 23
S 24	11 19 4	21°29'07	10♑38	11° 7	12°26	12°29	26°52	25°50	4°49	7°11	6°40	24°25	24° 9	3°18	n.a.	S 24
S 25	11 23 1	22°27'06	22°27	12°30	12° 7	13° 6	26°50	25°55	4°52	7°14	6°39	24°23	24° 6	3°25	n.a.	S 25
M26	11 26 57	23°25'03	4♒15	13°49	11°46	13°42	26°48	26° 0	4°54	7°16	6°38	24°18	24° 3	3°31	n.a.	M26
T 27	11 30 54	24°22'59	16° 7	15° 4	11°23	14°19	26°47	26° 5	4°57	7°18	6°37	24°11	24° 0	3°38	n.a.	T 27
W28	11 34 50	25°20'53	28° 5	16°15	10°58	14°55	26°45	26°10	5° 0	7°20	6°36	24° 1	23°57	3°45	n.a.	W28
T 29	11 38 47	26°18'46	10♓14	17°21	10°31	15°32	26°44	26°15	5° 3	7°22	6°35	23°49	23°54	3°51	n.a.	T 29
F 30	11 42 43	27°16'37	22°33	18°22	10° 1	16° 8	26°43	26°20	5° 6	7°25	6°34	23°35	23°50	3°58	n.a.	F 30
S 31	11 46 40	28♓14'26	5♈ 3	19♈19	9♈30	16♉45	26♋42	26♑25	5♉ 9	7♈27	6♌33	23♐22	23♐47	4♒ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11s58	6s52	4n35	14s 3	1s21	8n24	5n11	12n 3	0n57	22n16	1n29	22s45	1s 1	12n46	0s17	0n45	2s 1	33n52	15n40	23s48	23s46	17s25			n.a.
F 2	11 38	2 2	4 55	13 13	1 14	8 43	5 17	12 16	0 58	22 17	1 28	22 44	1 1	12 47	0 17	0 45	2 1	33 52	15 40	23 47	23 45	17 23			n.a.
S 3	11 16	2n56	5 3	12 21	1 6	9 0	5 24	12 30	0 58	22 18	1 28	22 43	1 1	12 47	0 17	0 46	2 1	33 52	15 40	23 47	23 45	17 21			n.a.
S 4	10 55	7 51	4 56	11 27	0 57	9 17	5 31	12 43	0 59	22 19	1 28	22 42	1 1	12 48	0 17	0 47	2 0	33 53	15 40	23 47	23 45	17 19			n.a.
M 5	10 34	12 30	4 35	10 32	0 48	9 33	5 37	12 56	0 59	22 20	1 28	22 41	1 1	12 49	0 17	0 48	2 0	33 53	15 40	23 47	23 45	17 17			n.a.
T 6	10 12	16 42	4 0	9 36	0 39	9 49	5 44	13 9	0 59	22 21	1 28	22 40	1 1	12 50	0 17	0 49	2 0	33 53	15 39	23 46	23 45	17 14			n.a.
W 7	9 51	20 10	3 11	8 39	0 29	10 3	5 50	13 22	1 0	22 22	1 28	22 39	1 2	12 50	0 17	0 50	2 0	33 53	15 39	23 46	23 45	17 12			n.a.
T 8	9 29	22 39	2 12	7 41	0 19	10 17	5 56	13 35	1 0	22 23	1 28	22 38	1 2	12 51	0 17	0 50	2 0	33 54	15 39	23 46	23 45	17 10			n.a.
F 9	9 7	23 52	1 3	6 42	0 8	10 29	6 2	13 48	1 0	22 24	1 28	22 37	1 2	12 52	0 17	0 51	2 0	33 54	15 39	23 46	23 45	17 8			n.a.
S 10	8 45	23 38	0s11	5 43	0n 3	10 41	6 7	14 1	1 1	22 25	1 28	22 36	1 2	12 53	0 17	0 52	2 0	33 54	15 39	23 46	23 45	17 6			n.a.
S 11	8 22	21 52	1 26	4 43	0 14	10 52	6 13	14 14	1 1	22 26	1 28	22 35	1 2	12 54	0 17	0 53	2 0	33 54	15 39	23 46	23 44	17 4			n.a.
M12	8 0	18 37	2 36	3 44	0 25	11 1	6 18	14 27	1 1	22 26	1 27	22 34	1 2	12 54	0 16	0 54	2 0	33 54	15 38	23 46	23 44	17 1			n.a.
T 13	7 38	14 8	3 38	2 45	0 36	11 10	6 23	14 39	1 2	22 27	1 27	22 33	1 2	12 55	0 16	0 55	2 0	33 55	15 38	23 46	23 44	16 59			n.a.
W14	7 15	8 45	4 24	1 46	0 48	11 17	6 28	14 52	1 2	22 28	1 27	22 32	1 3	12 56	0 16	0 55	2 0	33 55	15 38	23 46	23 44	16 57			n.a.
T 15	6 53	2 51	4 53	0 49	0 59	11 23	6 32	15 4	1 2	22 28	1 27	22 31	1 3	12 57	0 16	0 56	2 0	33 55	15 38	23 45	23 44	16 55			n.a.
F 16	6 30	3s 7	5 1	0n 8	1 10	11 28	6 36	15 17	1 3	22 29	1 27	22 30	1 3	12 58	0 16	0 57	2 0	33 55	15 37	23 45	23 44	16 53			n.a.
S 17	6 7	8 47	4 50	1 3	1 21	11 32	6 40	15 29	1 3	22 29	1 27	22 29	1 3	12 59	0 16	0 58	2 0	33 55	15 37	23 44	23 44	16 50			n.a.
S 18	5 44	13 49	4 21	1 57	1 31	11 34	6 43	15 41	1 3	22 30	1 27	22 28	1 3	13 0	0 16	0 59	2 0	33 55	15 37	23 44	23 43	16 48			n.a.
M19	5 21	18 0	3 38	2 49	1 41	11 35	6 46	15 53	1 3	22 30	1 26	22 27	1 3	13 1	0 16	1 0	2 0	33 55	15 37	23 44	23 43	16 46			n.a.
T 20	4 58	21 7	2 44	3 40	1 51	11 35	6 49	16 5	1 4	22 31	1 26	22 26	1 3	13 1	0 16	1 1	2 0	33 55	15 36	23 43	23 43	16 44			n.a.
W21	4 35	23 4	1 44	4 28	2 0	11 33	6 51	16 17	1 4	22 31	1 26	22 26	1 4	13 2	0 16	1 2	2 0	33 55	15 36	23 43	23 43	16 42			n.a.
T 22	4 12	23 51	0 41	5 14	2 8	11 29	6 52	16 29	1 4	22 32	1 26	22 25	1 4	13 3	0 16	1 2	2 0	33 55	15 36	23 43	23 43	16 39			n.a.
F 23	3 49	23 27	0n23	5 58	2 16	11 25	6 53	16 41	1 5	22 32	1 26	22 24	1 4	13 4	0 16	1 3	2 0	33 55	15 36	23 43	23 43	16 37			n.a.
S 24	3 26	22 0	1 25	6 40	2 23	11 18	6 53	16 52	1 5	22 32	1 26	22 23	1 4	13 5	0 16	1 4	2 0	33 55	15 35	23 43	23 43	16 35			n.a.
S 25	3 3	19 36	2 22	7 19	2 30	11 11	6 53	17 4	1 5	22 33	1 26	22 22	1 4	13 6	0 16	1 5	2 0	33 55	15 35	23 43	23 43	16 33			n.a.
M26	2 39	16 23	3 14	7 55	2 36	11 1	6 52	17 15	1 5	22 33	1 25	22 21	1 4	13 7	0 16	1 6	2 0	33 55	15 35	23 43	23 42	16 31			n.a.
T 27	2 16	12 30	3 57	8 29	2 40	10 50	6 50	17 27	1 6	22 33	1 25	22 21	1 5	13 8	0 16	1 7	2 0	33 55	15 34	23 43	23 42	16 28			n.a.
W28	1 53	8 7	4 30	9 1	2 44	10 38	6 48	17 38	1 6	22 33	1 25	22 20	1 5	13 9	0 16	1 8	2 0	33 55	15 34	23 42	23 42	16 26			n.a.
T 29	1 29	3 22	4 52	9 30	2 48	10 24	6 45	17 49	1 6	22 33	1 25	22 19	1 5	13 10	0 16	1 9	2 0	33 55	15 34	23 42	23 42	16 24			n.a.
F 30	1 6	1n34	5 0	9 56	2 50	10 9	6 41	18 0	1 6	22 33	1 25	22 18	1 5	13 11	0 16	1 10	2 0	33 55	15 33	23 41	23 42	16 22			n.a.
S 31	0s43	6n31	4n54	10n19	2n51	9n52	6n36	18n11	1n 7	22n33	1n25	22s17	1s 5	13n12	0s16	1n11	2s 0	33n55	15n33	23s40	23s42	16s19			n.a.

Julian Day Number = 1266015.5, Delta T = 08h21m41s
Ecliptic obliquity = 23°50'33, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°17'02, Lahiri = -21°10'01 Julian Calendar 1 March 1247 BCE == Greg. Calendar 18 Feb. 1247 BCE

The year -1246 astronomical counting style corresponds to year 1247 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1247 BCE
geocentric

APRIL 1247 BCE (-1246) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 50 37	29♓12'14	17♈46	20♈12	8°R58	17♉21	26°R41	26♏29	5♉12	7♈29	6°R33	23°R 9	23♐44	4♒11	n.a.	S 1
M 2	11 54 33	0♈10'00	0♉40	20°59	8♈24	17°58	26♋41	26°34	5°15	7°31	6♌32	22♐59	23°41	4°18	n.a.	M 2
T 3	11 58 30	1° 7'45	13°45	21°42	7°48	18°35	26°40	26°39	5°18	7°34	6°31	22°52	23°38	4°25	n.a.	T 3
W 4	12 2 26	2° 5'28	27° 2	22°20	7°12	19°11	26°D40	26°43	5°21	7°36	6°30	22°47	23°34	4°31	n.a.	W 4
T 5	12 6 23	3° 3'09	10♊30	22°53	6°35	19°48	26°40	26°47	5°24	7°38	6°30	22°46	23°31	4°38	n.a.	T 5
F 6	12 10 19	4° 0'48	24°12	23°21	5°57	20°24	26°40	26°52	5°28	7°40	6°29	22°D45	23°28	4°45	n.a.	F 6
S 7	12 14 16	4°58'26	8♋ 6	23°45	5°19	21° 1	26°41	26°56	5°31	7°43	6°28	22°R45	23°25	4°51	n.a.	S 7
S 8	12 18 12	5°56'02	22°15	24° 3	4°41	21°38	26°41	27° 0	5°34	7°45	6°27	22°44	23°22	4°58	n.a.	S 8
M 9	12 22 9	6°53'36	6♌36	24°16	4° 3	22°14	26°42	27° 4	5°37	7°47	6°27	22°42	23°19	5° 5	n.a.	M 9
T 10	12 26 6	7°51'08	21° 8	24°25	3°26	22°51	26°43	27° 8	5°40	7°49	6°26	22°37	23°15	5°11	n.a.	T 10
W11	12 30 2	8°48'39	5♍45	24°R28	2°49	23°28	26°44	27°12	5°44	7°52	6°26	22°29	23°12	5°18	n.a.	W11
T 12	12 33 59	9°46'08	20°22	24°27	2°13	24° 4	26°45	27°16	5°47	7°54	6°25	22°19	23° 9	5°25	n.a.	T 12
F 13	12 37 55	10°43'36	4♎51	24°21	1°38	24°41	26°47	27°20	5°50	7°56	6°25	22° 9	23° 6	5°32	n.a.	F 13
S 14	12 41 52	11°41'03	19° 5	24°11	1° 5	25°18	26°48	27°23	5°53	7°58	6°24	21°58	23° 3	5°38	n.a.	S 14
S 15	12 45 48	12°38'28	2♏59	23°56	0°33	25°55	26°50	27°27	5°57	8° 1	6°24	21°49	23° 0	5°45	n.a.	S 15
M16	12 49 45	13°35'52	16°29	23°38	0° 3	26°31	26°52	27°30	6° 0	8° 3	6°23	21°42	22°56	5°52	n.a.	M16
T 17	12 53 41	14°33'16	29°35	23°16	29♓35	27° 8	26°54	27°34	6° 3	8° 5	6°23	21°38	22°53	5°58	n.a.	T 17
W18	12 57 38	15°30'38	12♐18	22°51	29° 8	27°45	26°57	27°37	6° 7	8° 7	6°23	21°36	22°50	6° 5	n.a.	W18
T 19	13 1 35	16°28'00	24°40	22°23	28°44	28°22	26°59	27°40	6°10	8° 9	6°22	21°D36	22°47	6°12	n.a.	T 19
F 20	13 5 31	17°25'21	6♑47	21°53	28°22	28°59	27° 2	27°43	6°14	8°12	6°22	21°36	22°44	6°18	n.a.	F 20
S 21	13 9 28	18°22'41	18°43	21°21	28° 2	29°35	27° 5	27°46	6°17	8°14	6°22	21°R37	22°40	6°25	n.a.	S 21
S 22	13 13 24	19°20'00	0♒34	20°48	27°45	0♊12	27° 8	27°49	6°20	8°16	6°21	21°36	22°37	6°32	n.a.	S 22
M23	13 17 21	20°17'19	12°24	20°14	27°30	0°49	27°11	27°52	6°24	8°18	6°21	21°33	22°34	6°38	n.a.	M23
T 24	13 21 17	21°14'36	24°19	19°41	27°17	1°26	27°14	27°55	6°27	8°21	6°21	21°29	22°31	6°45	n.a.	T 24
W25	13 25 14	22°11'53	6♓23	19° 7	27° 7	2° 3	27°18	27°58	6°31	8°23	6°21	21°22	22°28	6°52	n.a.	W25
T 26	13 29 10	23° 9'10	18°39	18°35	26°59	2°40	27°22	28° 0	6°34	8°25	6°21	21°13	22°25	6°58	n.a.	T 26
F 27	13 33 7	24° 6'25	1♈ 9	18° 5	26°54	3°17	27°25	28° 3	6°38	8°27	6°21	21° 3	22°21	7° 5	n.a.	F 27
S 28	13 37 4	25° 3'40	13°54	17°37	26°51	3°54	27°29	28° 5	6°41	8°29	6°21	20°53	22°18	7°12	n.a.	S 28
S 29	13 41 0	26° 0'54	26°54	17°11	26°D50	4°30	27°34	28° 7	6°45	8°32	6°D21	20°44	22°15	7°18	n.a.	S 29
M30	13 44 57	26♈58'07	10♉ 9	16♈49	26♓51	5♊ 7	27♋38	28♏10	6♉48	8♈34	6♌21	20♐37	22♐12	7♒25	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s19	11n17	4n33	10n40	2n52	9n34	6n31	18n22	1n 7	22n33	1n24	22s17	1s 5	13n13	0s16	1n11	2s 0	33n55	15n33	23s40	23s41	16s17		n.a.
M 2	0n 4	15 36	3 58	10 57	2 51	9 15	6 25	18 32	1 7	22 33	1 24	22 16	1 6	13 14	0 16	1 12	2 0	33 55	15 32	23 39	23 41	16 15		n.a.
T 3	0 27	19 15	3 11	11 12	2 49	8 55	6 18	18 43	1 7	22 33	1 24	22 15	1 6	13 15	0 16	1 13	2 0	33 55	15 32	23 39	23 41	16 13		n.a.
W 4	0 51	21 57	2 12	11 24	2 47	8 33	6 10	18 54	1 7	22 33	1 24	22 15	1 6	13 16	0 16	1 14	2 0	33 55	15 32	23 39	23 41	16 11		n.a.
T 5	1 14	23 28	1 4	11 34	2 43	8 11	6 2	19 4	1 8	22 33	1 24	22 14	1 6	13 18	0 16	1 15	2 0	33 55	15 31	23 38	23 41	16 8		n.a.
F 6	1 37	23 35	0s 8	11 40	2 38	7 47	5 53	19 14	1 8	22 32	1 24	22 13	1 6	13 19	0 16	1 16	2 0	33 54	15 31	23 38	23 41	16 6		n.a.
S 7	2 0	22 15	1 20	11 43	2 32	7 23	5 43	19 24	1 8	22 32	1 23	22 13	1 6	13 20	0 16	1 17	2 0	33 54	15 31	23 38	23 41	16 4		n.a.
S 8	2 24	19 31	2 29	11 44	2 25	6 58	5 33	19 34	1 8	22 32	1 23	22 12	1 7	13 21	0 16	1 18	2 0	33 54	15 30	23 38	23 40	16 2		n.a.
M 9	2 47	15 33	3 30	11 41	2 17	6 33	5 22	19 44	1 8	22 32	1 23	22 11	1 7	13 22	0 16	1 19	2 0	33 54	15 30	23 38	23 40	15 59		n.a.
T 10	3 10	10 38	4 18	11 36	2 8	6 7	5 11	19 54	1 9	22 31	1 23	22 11	1 7	13 23	0 16	1 20	2 0	33 54	15 29	23 38	23 40	15 57		n.a.
W11	3 33	5 5	4 49	11 28	1 58	5 41	4 59	20 4	1 9	22 31	1 23	22 10	1 7	13 24	0 16	1 20	2 0	33 54	15 29	23 37	23 40	15 55		n.a.
T 12	3 56	0s44	5 2	11 17	1 47	5 16	4 46	20 13	1 9	22 30	1 23	22 9	1 7	13 25	0 16	1 21	2 0	33 53	15 29	23 37	23 40	15 53		n.a.
F 13	4 19	6 27	4 54	11 3	1 35	4 50	4 33	20 22	1 9	22 30	1 22	22 9	1 8	13 26	0 16	1 22	2 0	33 53	15 28	23 36	23 40	15 50		n.a.
S 14	4 42	11 44	4 29	10 47	1 21	4 24	4 20	20 32	1 9	22 29	1 22	22 8	1 8	13 27	0 16	1 23	2 0	33 53	15 28	23 36	23 39	15 48		n.a.
S 15	5 4	16 16	3 48	10 29	1 7	3 59	4 7	20 41	1 9	22 29	1 22	22 8	1 8	13 29	0 16	1 24	2 0	33 53	15 28	23 35	23 39	15 46		n.a.
M16	5 27	19 50	2 55	10 8	0 53	3 34	3 53	20 50	1 10	22 28	1 22	22 7	1 8	13 30	0 16	1 25	2 0	33 52	15 27	23 35	23 39	15 43		n.a.
T 17	5 50	22 16	1 54	9 46	0 37	3 10	3 39	20 59	1 10	22 28	1 22	22 7	1 8	13 31	0 16	1 26	2 0	33 52	15 27	23 34	23 39	15 41		n.a.
W18	6 12	23 28	0 49	9 21	0 21	2 47	3 25	21 7	1 10	22 27	1 21	22 6	1 8	13 32	0 16	1 27	2 0	33 52	15 26	23 34	23 39	15 39		n.a.
T 19	6 35	23 28	0n16	8 55	0 4	2 24	3 11	21 16	1 10	22 26	1 21	22 6	1 9	13 33	0 16	1 28	2 0	33 51	15 26	23 34	23 39	15 37		n.a.
F 20	6 57	22 20	1 20	8 28	0s12	2 3	2 57	21 24	1 10	22 26	1 21	22 5	1 9	13 34	0 16	1 28	2 0	33 51	15 26	23 34	23 38	15 34		n.a.
S 21	7 19	20 12	2 20	8 1	0 29	1 42	2 43	21 33	1 10	22 25	1 21	22 5	1 9	13 36	0 16	1 29	2 0	33 51	15 25	23 34	23 38	15 32		n.a.
S 22	7 41	17 14	3 12	7 32	0 46	1 22	2 30	21 41	1 10	22 24	1 21	22 5	1 9	13 37	0 16	1 30	2 0	33 50	15 25	23 34	23 38	15 30		n.a.
M23	8 3	13 35	3 57	7 4	1 3	1 4	2 16	21 49	1 11	22 23	1 21	22 4	1 9	13 38	0 16	1 31	2 0	33 50	15 24	23 34	23 38	15 28		n.a.
T 24	8 25	9 22	4 32	6 35	1 20	0 46	2 2	21 57	1 11	22 23	1 20	22 4	1 10	13 39	0 16	1 32	2 0	33 50	15 24	23 34	23 38	15 25		n.a.
W25	8 47	4 46	4 54	6 8	1 36	0 30	1 49	22 5	1 11	22 22	1 20	22 3	1 10	13 40	0 16	1 33	2 0	33 49	15 23	23 33	23 37	15 23		n.a.
T 26	9 9	0n 6	5 4	5 41	1 52	0 15	1 36	22 12	1 11	22 21	1 20	22 3	1 10	13 41	0 16	1 34	2 0	33 49	15 23	23 33	23 37	15 21		n.a.
F 27	9 30	5 2	5 0	5 16	2 7	0 1	1 23	22 20	1 11	22 20	1 20	22 3	1 10	13 43	0 16	1 35	2 0	33 49	15 23	23 32	23 37	15 18		n.a.
S 28	9 52	9 52	4 41	4 52	2 21	0s12	1 10	22 27	1 11	22 19	1 20	22 3	1 10	13 44	0 16	1 35	2 0	33 48	15 22	23 31	23 37	15 16		n.a.
S 29	10 13	14 22	4 7	4 30	2 34	0 24	0 58	22 34	1 11	22 18	1 20	22 2	1 11	13 45	0 16	1 36	2 0	33 48	15 22	23 31	23 37	15 14		n.a.
M30	10n34	18n15	3n19	4n10	2s46	0s34	0n46	22n41	1n11	22n17	1n19	22s 2	1s11	13n46	0s16	1n37	2s 0	33n47	15n21	23s30	23s36	15s11		n.a.

Julian Day Number = 1266046.5, Delta T = 08h21m40s
Ecliptic obliquity = 23°50'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'58, Lahiri = -21°09'57 Julian Calendar 1 Apr. 1247 BCE == Greg. Calendar 21 March 1247 BCE

The year -1246 astronomical counting style corresponds to year 1247 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1247 BCE
geocentric

MAY 1247 BCE (-1246) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 48 53	27♈55'20	23♉37	16°R29	26♓55	5♊44	27♋42	28♏12	6♉52	8♈36	6♌21	20°R31	22♐ 9	7♒32	n.a.	T 1
W 2	13 52 50	28°52'32	7♊15	16♈14	27° 2	6°21	27°47	28°14	6°55	8°38	6°21	20♐29	22° 5	7°38	n.a.	W 2
T 3	13 56 46	29°49'43	21° 3	16° 2	27°10	6°58	27°52	28°16	6°59	8°40	6°21	20°D28	22° 2	7°45	n.a.	T 3
F 4	14 0 43	0♉46'53	4♋59	15°55	27°20	7°35	27°57	28°18	7° 2	8°42	6°21	20°28	21°59	7°52	n.a.	F 4
S 5	14 4 39	1°44'03	19° 1	15°D52	27°33	8°12	28° 2	28°19	7° 6	8°44	6°21	20°29	21°56	7°59	n.a.	S 5
S 6	14 8 36	2°41'11	3♌ 9	15°54	27°47	8°50	28° 7	28°21	7°10	8°46	6°22	20°R30	21°53	8° 5	n.a.	S 6
M 7	14 12 33	3°38'18	17°22	16° 0	28° 4	9°27	28°13	28°22	7°13	8°49	6°22	20°29	21°50	8°12	n.a.	M 7
T 8	14 16 29	4°35'25	1♍37	16°10	28°22	10° 4	28°18	28°24	7°17	8°51	6°22	20°26	21°46	8°19	n.a.	T 8
W 9	14 20 26	5°32'31	15°51	16°25	28°42	10°41	28°24	28°25	7°20	8°53	6°22	20°22	21°43	8°25	n.a.	W 9
T 10	14 24 22	6°29'36	0♎ 2	16°45	29° 4	11°18	28°30	28°26	7°24	8°55	6°23	20°16	21°40	8°32	n.a.	T 10
F 11	14 28 19	7°26'41	14° 4	17° 9	29°27	11°55	28°36	28°28	7°27	8°57	6°23	20° 9	21°37	8°39	n.a.	F 11
S 12	14 32 15	8°23'45	27°53	17°38	29°53	12°32	28°42	28°29	7°31	8°59	6°24	20° 3	21°34	8°45	n.a.	S 12
S 13	14 36 12	9°20'49	11♏26	18°11	0♈19	13° 9	28°48	28°30	7°34	9° 1	6°24	19°57	21°31	8°52	n.a.	S 13
M14	14 40 8	10°17'52	24°41	18°49	0°48	13°46	28°55	28°30	7°38	9° 3	6°24	19°53	21°27	8°59	n.a.	M14
T 15	14 44 5	11°14'56	7♐37	19°31	1°18	14°23	29° 1	28°31	7°42	9° 5	6°25	19°51	21°24	9° 5	n.a.	T 15
W16	14 48 2	12°11'59	20°14	20°17	1°49	15° 1	29° 8	28°32	7°45	9° 7	6°25	19°D50	21°21	9°12	n.a.	W16
T 17	14 51 58	13° 9'02	2♑34	21° 8	2°22	15°38	29°15	28°32	7°49	9° 9	6°26	19°51	21°18	9°19	n.a.	T 17
F 18	14 55 55	14° 6'06	14°40	22° 2	2°56	16°15	29°22	28°33	7°52	9°11	6°27	19°52	21°15	9°25	n.a.	F 18
S 19	14 59 51	15° 3'09	26°37	23° 1	3°31	16°52	29°29	28°33	7°56	9°12	6°27	19°54	21°11	9°32	n.a.	S 19
S 20	15 3 48	16° 0'13	8♒29	24° 4	4° 7	17°30	29°36	28°33	7°59	9°14	6°28	19°55	21° 8	9°39	n.a.	S 20
M21	15 7 44	16°57'17	20°21	25°10	4°45	18° 7	29°43	28°33	8° 3	9°16	6°29	19°R55	21° 5	9°46	n.a.	M21
T 22	15 11 41	17°54'21	2♓18	26°21	5°24	18°44	29°51	28°R33	8° 6	9°18	6°29	19°54	21° 2	9°52	n.a.	T 22
W23	15 15 38	18°51'25	14°24	27°35	6° 4	19°21	29°58	28°33	8°10	9°20	6°30	19°52	20°59	9°59	n.a.	W23
T 24	15 19 34	19°48'29	26°44	28°54	6°45	19°59	0♌ 6	28°33	8°13	9°22	6°31	19°48	20°56	10° 6	n.a.	T 24
F 25	15 23 31	20°45'34	9♈20	0♉16	7°26	20°36	0°14	28°33	8°17	9°24	6°32	19°44	20°52	10°12	n.a.	F 25
S 26	15 27 27	21°42'39	22°16	1°41	8° 9	21°13	0°22	28°33	8°20	9°25	6°32	19°39	20°49	10°19	n.a.	S 26
S 27	15 31 24	22°39'45	5♉30	3°10	8°53	21°51	0°30	28°32	8°24	9°27	6°33	19°35	20°46	10°26	n.a.	S 27
M28	15 35 20	23°36'50	19° 4	4°43	9°38	22°28	0°38	28°32	8°27	9°29	6°34	19°32	20°43	10°32	n.a.	M28
T 29	15 39 17	24°33'57	2♊54	6°20	10°24	23° 6	0°47	28°31	8°31	9°31	6°35	19°30	20°40	10°39	n.a.	T 29
W30	15 43 13	25°31'03	16°58	8° 0	11°10	23°43	0°55	28°30	8°34	9°32	6°36	19°D29	20°37	10°46	n.a.	W30
T 31	15 47 10	26♉28'09	1♋12	9♉43	11♈57	24♊21	1♌ 4	28♏29	8♉38	9♈34	6♌37	19♐30	20♐33	10♒52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10n55	21n14	2n19	3n52	2s57	0s43	0n34	22n48	1n12	22n16	1n19	22s 2	1s11	13n47	0s16	1n38	2s 0	33n47	15n21	23s30	23s36	15s 9			n.a.
W 2	11 15	23 3	1 10	3 37	3 7	0 51	0 23	22 55	1 12	22 15	1 19	22 2	1 11	13 48	0 16	1 39	2 0	33 47	15 20	23 30	23 36	15 7			n.a.
T 3	11 36	23 29	0s 3	3 24	3 16	0 58	0 12	23 1	1 12	22 13	1 19	22 1	1 11	13 50	0 16	1 40	2 0	33 46	15 20	23 30	23 36	15 5			n.a.
F 4	11 56	22 27	1 17	3 14	3 24	1 4	0 1	23 7	1 12	22 12	1 19	22 1	1 12	13 51	0 16	1 40	2 0	33 46	15 20	23 30	23 36	15 2			n.a.
S 5	12 17	20 2	2 28	3 7	3 30	1 8	0s 9	23 14	1 12	22 11	1 18	22 1	1 12	13 52	0 16	1 41	2 0	33 45	15 19	23 30	23 36	15 0			n.a.
S 6	12 37	16 23	3 30	3 3	3 35	1 11	0 19	23 20	1 12	22 10	1 18	22 1	1 12	13 53	0 16	1 42	2 0	33 45	15 19	23 30	23 35	14 58			n.a.
M 7	12 56	11 47	4 19	3 2	3 39	1 14	0 29	23 26	1 12	22 9	1 18	22 1	1 12	13 54	0 16	1 43	2 0	33 44	15 18	23 30	23 35	14 55			n.a.
T 8	13 16	6 32	4 52	3 3	3 42	1 15	0 38	23 31	1 12	22 7	1 18	22 1	1 12	13 56	0 16	1 44	2 0	33 44	15 18	23 29	23 35	14 53			n.a.
W 9	13 35	0 57	5 8	3 7	3 44	1 15	0 47	23 37	1 12	22 6	1 18	22 1	1 13	13 57	0 16	1 44	2 0	33 43	15 17	23 29	23 35	14 51			n.a.
T 10	13 55	4s39	5 4	3 14	3 45	1 14	0 56	23 42	1 12	22 4	1 18	22 1	1 13	13 58	0 16	1 45	2 0	33 43	15 17	23 29	23 35	14 48			n.a.
F 11	14 14	9 57	4 42	3 24	3 45	1 12	1 5	23 48	1 12	22 3	1 17	22 0	1 13	13 59	0 16	1 46	2 0	33 42	15 17	23 28	23 34	14 46			n.a.
S 12	14 32	14 41	4 4	3 36	3 44	1 9	1 13	23 53	1 13	22 2	1 17	22 0	1 13	14 0	0 16	1 47	2 0	33 42	15 16	23 28	23 34	14 44			n.a.
S 13	14 51	18 34	3 13	3 51	3 41	1 6	1 20	23 58	1 13	22 0	1 17	22 0	1 14	14 1	0 16	1 48	2 0	33 41	15 16	23 27	23 34	14 41			n.a.
M14	15 9	21 24	2 12	4 8	3 38	1 1	1 28	24 2	1 13	21 59	1 17	22 1	1 14	14 3	0 16	1 48	2 0	33 41	15 15	23 27	23 34	14 39			n.a.
T 15	15 27	23 2	1 6	4 28	3 34	0 55	1 35	24 7	1 13	21 57	1 17	22 1	1 14	14 4	0 16	1 49	2 0	33 40	15 15	23 27	23 33	14 37			n.a.
W16	15 45	23 26	0n 2	4 50	3 30	0 49	1 42	24 11	1 13	21 56	1 17	22 1	1 14	14 5	0 16	1 50	2 0	33 40	15 15	23 27	23 33	14 34			n.a.
T 17	16 3	22 40	1 9	5 14	3 24	0 42	1 48	24 16	1 13	21 54	1 17	22 1	1 14	14 6	0 16	1 51	2 0	33 39	15 14	23 27	23 33	14 32			n.a.
F 18	16 20	20 51	2 11	5 40	3 18	0 34	1 54	24 20	1 13	21 52	1 16	22 1	1 15	14 7	0 16	1 51	2 0	33 39	15 14	23 27	23 33	14 30			n.a.
S 19	16 37	18 7	3 7	6 9	3 11	0 25	2 0	24 23	1 13	21 51	1 16	22 1	1 15	14 9	0 16	1 52	2 0	33 38	15 13	23 27	23 33	14 27			n.a.
S 20	16 54	14 40	3 55	6 39	3 3	0 15	2 6	24 27	1 13	21 49	1 16	22 1	1 15	14 10	0 16	1 53	2 0	33 37	15 13	23 27	23 32	14 25			n.a.
M21	17 11	10 39	4 32	7 12	2 55	0 5	2 11	24 31	1 13	21 47	1 16	22 1	1 15	14 11	0 16	1 54	2 1	33 37	15 12	23 27	23 32	14 23			n.a.
T 22	17 27	6 12	4 58	7 46	2 46	0n 6	2 17	24 34	1 13	21 45	1 16	22 1	1 15	14 12	0 16	1 54	2 1	33 36	15 12	23 27	23 32	14 20			n.a.
W23	17 43	1 28	5 11	8 21	2 37	0 17	2 21	24 37	1 13	21 44	1 16	22 2	1 16	14 13	0 16	1 55	2 1	33 36	15 12	23 27	23 32	14 18			n.a.
T 24	17 59	3n25	5 10	8 59	2 27	0 29	2 26	24 40	1 13	21 42	1 16	22 2	1 16	14 14	0 15	1 56	2 1	33 35	15 11	23 27	23 32	14 16			n.a.
F 25	18 15	8 16	4 55	9 38	2 16	0 42	2 30	24 43	1 13	21 40	1 15	22 2	1 16	14 16	0 15	1 56	2 1	33 34	15 11	23 26	23 31	14 13			n.a.
S 26	18 30	12 52	4 24	10 18	2 6	0 56	2 35	24 46	1 13	21 38	1 15	22 2	1 16	14 17	0 15	1 57	2 1	33 34	15 10	23 26	23 31	14 11			n.a.
S 27	18 45	17 0	3 38	10 59	1 55	1 10	2 38	24 48	1 13	21 36	1 15	22 3	1 16	14 18	0 15	1 58	2 1	33 33	15 10	23 26	23 31	14 9			n.a.
M28	18 59	20 20	2 39	11 42	1 43	1 24	2 42	24 51	1 13	21 34	1 15	22 3	1 17	14 19	0 15	1 58	2 1	33 32	15 10	23 25	23 31	14 6			n.a.
T 29	19 14	22 34	1 30	12 25	1 32	1 39	2 45	24 53	1 13	21 32	1 15	22 3	1 17	14 20	0 15	1 59	2 1	33 32	15 9	23 25	23 30	14 4			n.a.
W30	19 28	23 25	0 14	13 9	1 20	1 55	2 49	24 55	1 13	21 30	1 15	22 4	1 17	14 21	0 15	2 0	2 1	33 31	15 9	23 25	23 30	14 2			n.a.
T 31	19n41	22n46	1s 4	13n54	1s 8	2n11	2s52	24n56	1n13	21n28	1n15	22s 4	1s17	14n22	0s15	2n 0	2s 1	33n31	15n 8	23s25	23s30	13s59			n.a.

Julian Day Number = 1266076.5, Delta T = 08h21m38s
Ecliptic obliquity = 23°50'32, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'54, Lahiri = -21°09'53 Julian Calendar 1 May 1247 BCE == Greg. Calendar 20 Apr. 1247 BCE

The year -1246 astronomical counting style corresponds to year 1247 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1247 BCE
geocentric

JUNE 1247 BCE (-1246) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 51 7	27♉25'16	15♋31	11♉29	12♈45	24♊58	1♎12	28°R28	8♉41	9♈36	6♎38	19♐31	20♐30	10♒59	n.a.	F 1
S 2	15 55 3	28°22'23	29°51	13°18	13°34	25°36	1°21	28♑27	8°45	9°37	6°39	19°32	20°27	11° 6	n.a.	S 2
S 3	15 59 0	29°19'30	14♎10	15°11	14°23	26°13	1°30	28°26	8°48	9°39	6°40	19°33	20°24	11°13	n.a.	S 3
M 4	16 2 56	0♊16'37	28°24	17° 6	15°13	26°51	1°39	28°25	8°51	9°40	6°41	19°R34	20°21	11°19	n.a.	M 4
T 5	16 6 53	1°13'44	12♏32	19° 4	16° 4	27°28	1°48	28°23	8°55	9°42	6°42	19°33	20°17	11°26	n.a.	T 5
W 6	16 10 49	2°10'51	26°31	21° 3	16°55	28° 6	1°57	28°22	8°58	9°43	6°44	19°32	20°14	11°33	n.a.	W 6
T 7	16 14 46	3° 7'58	10♐19	23° 5	17°47	28°43	2° 6	28°20	9° 1	9°45	6°45	19°30	20°11	11°39	n.a.	T 7
F 8	16 18 43	4° 5'06	23°55	25° 9	18°40	29°21	2°16	28°19	9° 5	9°46	6°46	19°28	20° 8	11°46	n.a.	F 8
S 9	16 22 39	5° 2'14	7♑18	27°14	19°33	29°58	2°25	28°17	9° 8	9°48	6°47	19°26	20° 5	11°53	n.a.	S 9
S 10	16 26 36	5°59'23	20°27	29°20	20°27	0♋36	2°35	28°15	9°11	9°49	6°48	19°25	20° 2	11°59	n.a.	S 10
M11	16 30 32	6°56'32	3♐21	1♊27	21°21	1°14	2°44	28°13	9°14	9°51	6°50	19°24	19°58	12° 6	n.a.	M11
T 12	16 34 29	7°53'43	16° 1	3°34	22°16	1°51	2°54	28°11	9°18	9°52	6°51	19°D23	19°55	12°13	n.a.	T 12
W13	16 38 25	8°50'53	28°26	5°42	23°11	2°29	3° 4	28° 9	9°21	9°54	6°52	19°23	19°52	12°20	n.a.	W13
T 14	16 42 22	9°48'05	10♑39	7°49	24° 7	3° 7	3°14	28° 7	9°24	9°55	6°54	19°24	19°49	12°26	n.a.	T 14
F 15	16 46 18	10°45'18	22°42	9°57	25° 3	3°45	3°24	28° 5	9°27	9°56	6°55	19°25	19°46	12°33	n.a.	F 15
S 16	16 50 15	11°42'31	4♒38	12° 3	26° 0	4°22	3°34	28° 2	9°30	9°57	6°56	19°26	19°43	12°40	n.a.	S 16
S 17	16 54 12	12°39'46	16°29	14° 9	26°57	5° 0	3°44	28° 0	9°34	9°59	6°58	19°26	19°39	12°46	n.a.	S 17
M18	16 58 8	13°37'02	28°21	16°14	27°55	5°38	3°55	27°57	9°37	10° 0	6°59	19°27	19°36	12°53	n.a.	M18
T 19	17 2 5	14°34'19	10♓18	18°18	28°53	6°16	4° 5	27°55	9°40	10° 1	7° 1	19°R27	19°33	13° 0	n.a.	T 19
W20	17 6 1	15°31'37	22°24	20°21	29°51	6°54	4°16	27°52	9°43	10° 2	7° 2	19°27	19°30	13° 6	n.a.	W20
T 21	17 9 58	16°28'56	4♈43	22°22	0♉50	7°31	4°26	27°49	9°46	10° 3	7° 4	19°27	19°27	13°13	n.a.	T 21
F 22	17 13 54	17°26'16	17°20	24°22	1°49	8° 9	4°37	27°46	9°49	10° 5	7° 5	19°27	19°23	13°20	n.a.	F 22
S 23	17 17 51	18°23'38	0♉18	26°21	2°49	8°47	4°48	27°43	9°52	10° 6	7° 7	19°26	19°20	13°26	n.a.	S 23
S 24	17 21 47	19°21'02	13°39	28°18	3°49	9°25	4°58	27°40	9°55	10° 7	7° 9	19°D26	19°17	13°33	n.a.	S 24
M25	17 25 44	20°18'26	27°24	0♋14	4°49	10° 3	5° 9	27°37	9°58	10° 8	7°10	19°26	19°14	13°40	n.a.	M25
T 26	17 29 41	21°15'52	11♊31	2° 8	5°50	10°41	5°20	27°34	10° 1	10° 9	7°12	19°27	19°11	13°47	n.a.	T 26
W27	17 33 37	22°13'19	25°56	4° 0	6°51	11°19	5°31	27°31	10° 3	10°10	7°14	19°R27	19° 8	13°53	n.a.	W27
T 28	17 37 34	23°10'48	10♋35	5°51	7°52	11°57	5°42	27°27	10° 6	10°11	7°15	19°26	19° 4	14° 0	n.a.	T 28
F 29	17 41 30	24° 8'17	25°20	7°41	8°54	12°35	5°53	27°24	10° 9	10°11	7°17	19°26	19° 1	14° 7	n.a.	F 29
S 30	17 45 27	25♊ 5'48	10♌ 5	9♋28	9♉56	13♋13	6♌ 5	27♑20	10♉12	10♈12	7♎19	19♐25	18♐58	14♒13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n55	20n38	2s18	14n39	0s56	2n27	2s54	24n58	1n13	21n26	1n14	22s 5	1s17	14n23	0s15	2n 1	2s 1	33n30	15n 8	23s25	23s30	13s57		n.a.
S 2	20 8	17 12	3 24	15 24	0 44	2 44	2 57	24 59	1 13	21 24	1 14	22 5	1 18	14 25	0 15	2 1	2 1	33 29	15 8	23 25	23 29	13 54		n.a.
S 3	20 21	12 45	4 17	16 9	0 32	3 1	2 59	25 0	1 13	21 22	1 14	22 5	1 18	14 26	0 15	2 2	2 1	33 29	15 7	23 25	23 29	13 52		n.a.
M 4	20 33	7 38	4 54	16 54	0 20	3 19	3 1	25 1	1 13	21 20	1 14	22 6	1 18	14 27	0 15	2 3	2 1	33 28	15 7	23 25	23 29	13 50		n.a.
T 5	20 45	2 9	5 13	17 39	0 8	3 37	3 3	25 2	1 13	21 18	1 14	22 6	1 18	14 28	0 15	2 3	2 1	33 27	15 6	23 25	23 29	13 47		n.a.
W 6	20 57	3s22	5 13	18 22	0n 3	3 55	3 5	25 3	1 13	21 15	1 14	22 7	1 18	14 29	0 15	2 4	2 1	33 27	15 6	23 25	23 29	13 45		n.a.
T 7	21 8	8 39	4 55	19 5	0 14	4 13	3 7	25 3	1 13	21 13	1 14	22 7	1 19	14 30	0 15	2 4	2 1	33 26	15 6	23 25	23 28	13 43		n.a.
F 8	21 19	13 27	4 20	19 46	0 25	4 32	3 8	25 4	1 13	21 11	1 14	22 8	1 19	14 31	0 15	2 5	2 1	33 25	15 5	23 25	23 28	13 40		n.a.
S 9	21 30	17 31	3 32	20 26	0 35	4 52	3 9	25 4	1 13	21 9	1 13	22 9	1 19	14 32	0 15	2 5	2 1	33 24	15 5	23 25	23 28	13 38		n.a.
S 10	21 40	20 37	2 33	21 4	0 45	5 11	3 10	25 4	1 13	21 6	1 13	22 9	1 19	14 33	0 15	2 6	2 1	33 24	15 5	23 25	23 28	13 35		n.a.
M11	21 50	22 37	1 28	21 41	0 54	5 31	3 11	25 3	1 13	21 4	1 13	22 10	1 19	14 34	0 15	2 6	2 2	33 23	15 4	23 25	23 27	13 33		n.a.
T 12	22 0	23 24	0 19	22 15	1 2	5 51	3 12	25 3	1 13	21 1	1 13	22 10	1 20	14 35	0 15	2 7	2 2	33 22	15 4	23 25	23 27	13 31		n.a.
W13	22 9	23 0	0n50	22 46	1 10	6 11	3 12	25 2	1 13	20 59	1 13	22 11	1 20	14 36	0 15	2 7	2 2	33 22	15 4	23 25	23 27	13 28		n.a.
T 14	22 18	21 30	1 55	23 15	1 18	6 32	3 13	25 1	1 13	20 57	1 13	22 12	1 20	14 37	0 15	2 8	2 2	33 21	15 3	23 25	23 27	13 26		n.a.
F 15	22 26	19 2	2 54	23 42	1 24	6 52	3 13	25 0	1 13	20 54	1 13	22 12	1 20	14 38	0 15	2 8	2 2	33 20	15 3	23 25	23 26	13 23		n.a.
S 16	22 34	15 47	3 45	24 6	1 30	7 13	3 13	24 59	1 13	20 52	1 13	22 13	1 20	14 39	0 15	2 9	2 2	33 20	15 3	23 25	23 26	13 21		n.a.
S 17	22 42	11 56	4 26	24 27	1 35	7 34	3 13	24 58	1 13	20 49	1 13	22 14	1 21	14 40	0 15	2 9	2 2	33 19	15 2	23 25	23 26	13 19		n.a.
M18	22 49	7 37	4 56	24 46	1 39	7 55	3 13	24 56	1 13	20 46	1 13	22 14	1 21	14 41	0 15	2 10	2 2	33 18	15 2	23 25	23 26	13 16		n.a.
T 19	22 56	3 1	5 13	25 1	1 43	8 16	3 12	24 54	1 13	20 44	1 12	22 15	1 21	14 42	0 15	2 10	2 2	33 17	15 2	23 25	23 25	13 14		n.a.
W20	23 2	1n46	5 17	25 14	1 46	8 37	3 12	24 52	1 13	20 41	1 12	22 16	1 21	14 43	0 15	2 10	2 2	33 17	15 1	23 25	23 25	13 12		n.a.
T 21	23 9	6 34	5 6	25 25	1 48	8 59	3 11	24 50	1 13	20 38	1 12	22 17	1 21	14 44	0 15	2 11	2 2	33 16	15 1	23 25	23 25	13 9		n.a.
F 22	23 14	11 13	4 41	25 33	1 50	9 20	3 11	24 48	1 13	20 36	1 12	22 17	1 22	14 45	0 15	2 11	2 2	33 15	15 1	23 25	23 25	13 7		n.a.
S 23	23 20	15 30	4 0	25 38	1 50	9 41	3 10	24 45	1 13	20 33	1 12	22 18	1 22	14 46	0 15	2 12	2 2	33 14	15 0	23 25	23 24	13 4		n.a.
S 24	23 24	19 9	3 6	25 41	1 51	10 3	3 9	24 42	1 13	20 30	1 12	22 19	1 22	14 47	0 15	2 12	2 2	33 14	15 0	23 25	23 24	13 2		n.a.
M25	23 29	21 51	1 59	25 41	1 50	10 24	3 8	24 40	1 13	20 28	1 12	22 20	1 22	14 48	0 15	2 12	2 2	33 13	15 0	23 25	23 24	13 0		n.a.
T 26	23 33	23 16	0 44	25 39	1 50	10 46	3 6	24 36	1 12	20 25	1 12	22 20	1 22	14 49	0 15	2 13	2 2	33 12	15 0	23 25	23 24	12 57		n.a.
W27	23 37	23 11	0s36	25 35	1 48	11 7	3 5	24 33	1 12	20 22	1 12	22 21	1 23	14 50	0 15	2 13	2 3	33 12	14 59	23 25	23 23	12 55		n.a.
T 28	23 40	21 30	1 55	25 29	1 46	11 29	3 3	24 30	1 12	20 19	1 12	22 22	1 23	14 51	0 15	2 13	2 3	33 11	14 59	23 25	23 23	12 52		n.a.
F 29	23 43	18 23	3 6	25 20	1 44	11 50	3 2	24 26	1 12	20 16	1 12	22 23	1 23	14 52	0 15	2 14	2 3	33 10	14 59	23 25	23 23	12 50		n.a.
S 30	23n45	14n 5	4s 5	25n10	1n41	12n11	3s 0	24n22	1n12	20n13	1n11	22s24	1s23	14n53	0s15	2n14	2s 3	33n 9	14n58	23s25	23s22	12s47		n.a.

Julian Day Number = 1266107.5, Delta T = 08h21m36s
Ecliptic obliquity = 23°50'32, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'49, Lahiri = -21°09'49 Julian Calendar 1 June 1247 BCE == Greg. Calendar 21 May 1247 BCE

The year -1246 astronomical counting style corresponds to year 1247 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1247 BCE
geocentric

JULY 1247 BCE (-1246) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 49 23	26♊ 3'19	24♌44	11♋15	10♉58	13♋51	6♌16	27°R17	10♉15	10♈13	7♌20	19°R25	18♐55	14♒20	n.a.	S 1
M 2	17 53 20	27° 0'51	9♍10	12°59	12° 0	14°30	6°27	27♑13	10°17	10°14	7°22	19♐24	18°52	14°27	n.a.	M 2
T 3	17 57 17	27°58'25	23°20	14°43	13° 3	15° 8	6°39	27°10	10°20	10°15	7°24	19°D24	18°49	14°33	n.a.	T 3
W 4	18 1 13	28°55'59	7♎13	16°24	14° 6	15°46	6°50	27° 6	10°23	10°16	7°26	19°24	18°45	14°40	n.a.	W 4
T 5	18 5 10	29°53'35	20°48	18° 4	15° 9	16°24	7° 2	27° 2	10°25	10°16	7°28	19°25	18°42	14°47	n.a.	T 5
F 6	18 9 6	0♋51'12	4♏ 6	19°43	16°13	17° 2	7°13	26°58	10°28	10°17	7°30	19°25	18°39	14°54	n.a.	F 6
S 7	18 13 3	1°48'50	17° 7	21°20	17°17	17°41	7°25	26°54	10°30	10°18	7°31	19°26	18°36	15° 0	n.a.	S 7
S 8	18 16 59	2°46'29	29°54	22°56	18°21	18°19	7°37	26°50	10°33	10°18	7°33	19°27	18°33	15° 7	n.a.	S 8
M 9	18 20 56	3°44'10	12♐28	24°30	19°25	18°57	7°49	26°46	10°35	10°19	7°35	19°28	18°29	15°14	n.a.	M 9
T 10	18 24 52	4°41'52	24°50	26° 3	20°29	19°36	8° 0	26°42	10°38	10°19	7°37	19°R28	18°26	15°20	n.a.	T 10
W11	18 28 49	5°39'36	7♑ 3	27°34	21°34	20°14	8°12	26°38	10°40	10°20	7°39	19°27	18°23	15°27	n.a.	W11
T 12	18 32 46	6°37'21	19° 7	29° 4	22°39	20°52	8°24	26°34	10°42	10°20	7°41	19°26	18°20	15°34	n.a.	T 12
F 13	18 36 42	7°35'08	1♒ 5	0♌32	23°44	21°31	8°36	26°30	10°45	10°21	7°43	19°23	18°17	15°40	n.a.	F 13
S 14	18 40 39	8°32'56	12°58	1°58	24°50	22° 9	8°48	26°25	10°47	10°21	7°45	19°20	18°14	15°47	n.a.	S 14
S 15	18 44 35	9°30'47	24°49	3°24	25°55	22°48	9° 0	26°21	10°49	10°22	7°47	19°17	18°10	15°54	n.a.	S 15
M16	18 48 32	10°28'39	6♓40	4°47	27° 1	23°26	9°13	26°17	10°51	10°22	7°49	19°14	18° 7	16° 1	n.a.	M16
T 17	18 52 28	11°26'33	18°36	6° 9	28° 7	24° 5	9°25	26°12	10°54	10°22	7°51	19°12	18° 4	16° 7	n.a.	T 17
W18	18 56 25	12°24'29	0♈40	7°29	29°14	24°43	9°37	26° 8	10°56	10°23	7°53	19°10	18° 1	16°14	n.a.	W18
T 19	19 0 21	13°22'27	12°57	8°48	0♊20	25°22	9°49	26° 4	10°58	10°23	7°55	19°D10	17°58	16°21	n.a.	T 19
F 20	19 4 18	14°20'27	25°30	10° 5	1°27	26° 0	10° 2	25°59	11° 0	10°23	7°57	19°10	17°54	16°27	n.a.	F 20
S 21	19 8 15	15°18'29	8♉24	11°20	2°33	26°39	10°14	25°55	11° 2	10°23	7°59	19°11	17°51	16°34	n.a.	S 21
S 22	19 12 11	16°16'33	21°43	12°33	3°40	27°18	10°26	25°50	11° 4	10°23	8° 1	19°13	17°48	16°41	n.a.	S 22
M23	19 16 8	17°14'40	5♊28	13°44	4°48	27°56	10°39	25°46	11° 6	10°24	8° 3	19°14	17°45	16°48	n.a.	M23
T 24	19 20 4	18°12'48	19°40	14°53	5°55	28°35	10°51	25°41	11° 7	10°24	8° 5	19°R15	17°42	16°54	n.a.	T 24
W25	19 24 1	19°10'59	4♋16	16° 1	7° 3	29°14	11° 4	25°36	11° 9	10°24	8° 7	19°14	17°39	17° 1	n.a.	W25
T 26	19 27 57	20° 9'11	19°11	17° 6	8°10	29°53	11°17	25°32	11°11	10°R24	8°10	19°12	17°35	17° 8	n.a.	T 26
F 27	19 31 54	21° 7'26	4♌17	18° 8	9°18	0♌32	11°29	25°27	11°13	10°24	8°12	19° 8	17°32	17°14	n.a.	F 27
S 28	19 35 50	22° 5'42	19°25	19° 8	10°26	1°10	11°42	25°22	11°14	10°24	8°14	19° 4	17°29	17°21	n.a.	S 28
S 29	19 39 47	23° 3'59	4♍25	20° 6	11°34	1°49	11°54	25°18	11°16	10°24	8°16	18°59	17°26	17°28	n.a.	S 29
M30	19 43 44	24° 2'19	19° 9	21° 1	12°43	2°28	12° 7	25°13	11°18	10°23	8°18	18°55	17°23	17°34	n.a.	M30
T 31	19 47 40	25♋ 0'40	3♎31	21♌52	13♊51	3♌ 7	12♌20	25♑ 9	11♉19	10♈23	8♌20	18♐51	17♐20	17♒41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n47	8n59	4s48	24n58	1n37	12n33	2s58	24n18	1n12	20n10	1n11	22s25	1s23	14n54	0s15	2n14	2s 3	33n 9	14n58	23s25	23s22	12s45			n.a.
M 2	23 48	3 28	5 12	24 45	1 33	12 54	2 57	24 14	1 12	20 7	1 11	22 26	1 23	14 55	0 15	2 14	2 3	33 8	14 58	23 25	23 22	12 43			n.a.
T 3	23 50	2s 8	5 16	24 29	1 29	13 15	2 55	24 9	1 12	20 4	1 11	22 27	1 24	14 55	0 15	2 15	2 3	33 7	14 58	23 25	23 22	12 40			n.a.
W 4	23 50	7 31	5 2	24 12	1 24	13 36	2 53	24 5	1 12	20 1	1 11	22 27	1 24	14 56	0 15	2 15	2 3	33 6	14 57	23 25	23 21	12 38			n.a.
T 5	23 50	12 25	4 31	23 54	1 19	13 57	2 50	24 0	1 12	19 58	1 11	22 28	1 24	14 57	0 15	2 15	2 3	33 6	14 57	23 25	23 21	12 35			n.a.
F 6	23 50	16 37	3 46	23 35	1 14	14 17	2 48	23 55	1 12	19 55	1 11	22 29	1 24	14 58	0 15	2 15	2 3	33 5	14 57	23 25	23 21	12 33			n.a.
S 7	23 50	19 56	2 50	23 14	1 8	14 38	2 46	23 50	1 12	19 52	1 11	22 30	1 24	14 59	0 15	2 16	2 3	33 4	14 57	23 25	23 21	12 31			n.a.
S 8	23 49	22 12	1 46	22 52	1 2	14 58	2 43	23 45	1 11	19 49	1 11	22 31	1 24	14 59	0 15	2 16	2 3	33 3	14 57	23 25	23 20	12 28			n.a.
M 9	23 47	23 19	0 39	22 29	0 55	15 18	2 41	23 39	1 11	19 46	1 11	22 32	1 24	15 0	0 15	2 16	2 3	33 3	14 56	23 25	23 20	12 26			n.a.
T 10	23 45	23 15	0n30	22 5	0 48	15 38	2 38	23 34	1 11	19 43	1 11	22 33	1 25	15 1	0 15	2 16	2 3	33 2	14 56	23 25	23 20	12 23			n.a.
W11	23 43	22 4	1 36	21 40	0 41	15 58	2 36	23 28	1 11	19 39	1 11	22 34	1 25	15 2	0 15	2 16	2 3	33 1	14 56	23 25	23 19	12 21			n.a.
T 12	23 40	19 52	2 36	21 15	0 34	16 17	2 33	23 22	1 11	19 36	1 11	22 35	1 25	15 2	0 15	2 16	2 4	33 0	14 56	23 25	23 19	12 18			n.a.
F 13	23 37	16 51	3 30	20 48	0 26	16 36	2 30	23 15	1 11	19 33	1 11	22 36	1 25	15 3	0 15	2 16	2 4	33 0	14 56	23 25	23 19	12 16			n.a.
S 14	23 34	13 9	4 14	20 21	0 18	16 55	2 27	23 9	1 11	19 30	1 11	22 37	1 25	15 4	0 15	2 17	2 4	32 59	14 55	23 24	23 19	12 14			n.a.
S 15	23 30	8 59	4 46	19 53	0 10	17 14	2 24	23 2	1 11	19 26	1 11	22 38	1 25	15 5	0 15	2 17	2 4	32 58	14 55	23 24	23 18	12 11			n.a.
M16	23 25	4 28	5 7	19 25	0 2	17 32	2 21	22 56	1 11	19 23	1 11	22 39	1 25	15 5	0 15	2 17	2 4	32 58	14 55	23 24	23 18	12 9			n.a.
T 17	23 20	0n14	5 14	18 57	0s 6	17 50	2 18	22 49	1 10	19 20	1 11	22 40	1 26	15 6	0 15	2 17	2 4	32 57	14 55	23 24	23 18	12 6			n.a.
W18	23 15	4 58	5 8	18 28	0 15	18 7	2 15	22 42	1 10	19 16	1 10	22 41	1 26	15 7	0 15	2 17	2 4	32 56	14 55	23 24	23 17	12 4			n.a.
T 19	23 9	9 36	4 48	17 59	0 24	18 25	2 12	22 34	1 10	19 13	1 10	22 42	1 26	15 7	0 15	2 17	2 4	32 55	14 55	23 23	23 17	12 1			n.a.
F 20	23 3	13 57	4 14	17 29	0 33	18 42	2 9	22 27	1 10	19 10	1 10	22 43	1 26	15 8	0 15	2 17	2 4	32 55	14 55	23 23	23 17	11 59			n.a.
S 21	22 57	17 47	3 26	17 0	0 42	18 58	2 6	22 19	1 10	19 6	1 10	22 44	1 26	15 9	0 15	2 17	2 4	32 54	14 54	23 24	23 17	11 56			n.a.
S 22	22 50	20 50	2 25	16 30	0 51	19 14	2 2	22 11	1 10	19 3	1 10	22 45	1 26	15 9	0 15	2 17	2 4	32 53	14 54	23 24	23 16	11 54			n.a.
M23	22 42	22 48	1 15	16 1	1 1	19 30	1 59	22 3	1 10	18 59	1 10	22 46	1 26	15 10	0 15	2 17	2 4	32 53	14 54	23 24	23 16	11 52			n.a.
T 24	22 35	23 24	0s 2	15 31	1 10	19 46	1 56	21 55	1 9	18 56	1 10	22 47	1 26	15 10	0 15	2 17	2 4	32 52	14 54	23 24	23 16	11 49			n.a.
W25	22 27	22 25	1 21	15 2	1 20	20 1	1 52	21 47	1 9	18 52	1 10	22 48	1 26	15 11	0 15	2 17	2 4	32 51	14 54	23 24	23 15	11 47			n.a.
T 26	22 18	19 52	2 36	14 33	1 29	20 15	1 49	21 39	1 9	18 49	1 10	22 49	1 27	15 12	0 15	2 17	2 5	32 50	14 54	23 24	23 15	11 44			n.a.
F 27	22 9	15 56	3 42	14 5	1 39	20 29	1 45	21 30	1 9	18 45	1 10	22 50	1 27	15 12	0 15	2 17	2 5	32 50	14 54	23 23	23 15	11 42			n.a.
S 28	22 0	10 57	4 31	13 37	1 49	20 43	1 42	21 21	1 9	18 41	1 10	22 51	1 27	15 13	0 15	2 17	2 5	32 49	14 54	23 23	23 14	11 39			n.a.
S 29	21 50	5 23	5 2	13 9	1 58	20 56	1 38	21 12	1 9	18 38	1 10	22 51	1 27	15 13	0 15	2 17	2 5	32 48	14 54	23 23	23 14	11 37			n.a.
M30	21 40	0s24	5 11	12 43	2 8	21 8	1 35	21 3	1 9	18 34	1 10	22 52	1 27	15 14	0 15	2 16	2 5	32 48	14 54	23 22	23 14	11 34			n.a.
T 31	21n29	6s 1	5s 1	12n17	2s18	21n20	1s31	20n54	1n 8	18n30	1n10	22s53	1s27	15n14	0s15	2n16	2s 5	32n47	14n54	23s22	23s14	11s32			n.a.

Julian Day Number = 1266137.5, Delta T = 08h21m35s
Ecliptic obliquity = 23°50'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'45, Lahiri = -21°09'45 Julian Calendar 1 July 1247 BCE == Greg. Calendar 20 June 1247 BCE

The year -1246 astronomical counting style corresponds to year 1247 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1247 BCE
geocentric

AUGUST 1247 BCE (-1246) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 51 37	25♋59'03	17♎28	22♌41	15♊ 0	3♌46	12♌33	25°R 4	11♉21	10°R23	8♌22	18°R50	17♐16	17♒48	n.a.	W 1
T 2	19 55 33	26°57'28	1♏ 0	23°26	16° 9	4°25	12°45	24♑59	11°22	10♈23	8°25	18°D49	17°13	17°55	n.a.	T 2
F 3	19 59 30	27°55'54	14° 9	24° 8	17°18	5° 4	12°58	24°55	11°23	10°23	8°27	18♐50	17°10	18° 1	n.a.	F 3
S 4	20 3 26	28°54'22	26°57	24°45	18°27	5°43	13°11	24°50	11°25	10°22	8°29	18°52	17° 7	18° 8	n.a.	S 4
S 5	20 7 23	29°52'52	9♐29	25°19	19°36	6°22	13°24	24°45	11°26	10°22	8°31	18°53	17° 4	18°15	n.a.	S 5
M 6	20 11 19	0♌51'24	21°48	25°48	20°45	7° 2	13°37	24°41	11°27	10°22	8°33	18°R53	17° 0	18°21	n.a.	M 6
T 7	20 15 16	1°49'58	3♑57	26°12	21°55	7°41	13°50	24°36	11°29	10°21	8°36	18°52	16°57	18°28	n.a.	T 7
W 8	20 19 12	2°48'34	15°58	26°31	23° 4	8°20	14° 3	24°32	11°30	10°21	8°38	18°49	16°54	18°35	n.a.	W 8
T 9	20 23 9	3°47'11	27°55	26°44	24°14	8°59	14°16	24°27	11°31	10°21	8°40	18°43	16°51	18°42	n.a.	T 9
F 10	20 27 6	4°45'51	9♒48	26°52	25°24	9°38	14°29	24°23	11°32	10°20	8°42	18°36	16°48	18°48	n.a.	F 10
S 11	20 31 2	5°44'33	21°39	26°R53	26°34	10°18	14°42	24°18	11°33	10°20	8°44	18°27	16°45	18°55	n.a.	S 11
S 12	20 34 59	6°43'17	3♓31	26°48	27°44	10°57	14°55	24°14	11°34	10°19	8°47	18°18	16°41	19° 2	n.a.	S 12
M13	20 38 55	7°42'03	15°24	26°36	28°54	11°36	15° 8	24° 9	11°35	10°19	8°49	18° 9	16°38	19° 8	n.a.	M13
T 14	20 42 52	8°40'52	27°22	26°17	0♋ 5	12°16	15°21	24° 5	11°36	10°18	8°51	18° 1	16°35	19°15	n.a.	T 14
W15	20 46 48	9°39'43	9♈27	25°51	1°15	12°55	15°34	24° 0	11°36	10°17	8°53	17°55	16°32	19°22	n.a.	W15
T 16	20 50 45	10°38'36	21°43	25°18	2°26	13°35	15°47	23°56	11°37	10°17	8°56	17°51	16°29	19°28	n.a.	T 16
F 17	20 54 41	11°37'31	4♉13	24°37	3°37	14°14	16° 0	23°52	11°38	10°16	8°58	17°49	16°26	19°35	n.a.	F 17
S 18	20 58 38	12°36'30	17° 1	23°50	4°48	14°54	16°13	23°47	11°38	10°15	9° 0	17°D48	16°22	19°42	n.a.	S 18
S 19	21 2 35	13°35'30	0♊12	22°57	5°59	15°33	16°26	23°43	11°39	10°14	9° 2	17°49	16°19	19°49	n.a.	S 19
M20	21 6 31	14°34'34	13°49	21°58	7°10	16°13	16°39	23°39	11°40	10°14	9° 4	17°R50	16°16	19°55	n.a.	M20
T 21	21 10 28	15°33'39	27°53	20°54	8°21	16°52	16°52	23°35	11°40	10°13	9° 7	17°50	16°13	20° 2	n.a.	T 21
W22	21 14 24	16°32'47	12♋26	19°48	9°33	17°32	17° 5	23°31	11°40	10°12	9° 9	17°47	16°10	20° 9	n.a.	W22
T 23	21 18 21	17°31'58	27°22	18°40	10°44	18°12	17°18	23°27	11°41	10°11	9°11	17°42	16° 6	20°15	n.a.	T 23
F 24	21 22 17	18°31'11	12♌34	17°31	11°56	18°52	17°31	23°23	11°41	10°10	9°13	17°35	16° 3	20°22	n.a.	F 24
S 25	21 26 14	19°30'25	27°54	16°25	13° 7	19°31	17°44	23°19	11°41	10° 9	9°15	17°26	16° 0	20°29	n.a.	S 25
S 26	21 30 10	20°29'42	13♍ 9	15°23	14°19	20°11	17°58	23°15	11°42	10° 8	9°18	17°17	15°57	20°36	n.a.	S 26
M27	21 34 7	21°29'01	28° 8	14°26	15°31	20°51	18°11	23°11	11°42	10° 7	9°20	17° 8	15°54	20°42	n.a.	M27
T 28	21 38 3	22°28'22	12♎44	13°36	16°43	21°31	18°24	23° 7	11°42	10° 6	9°22	17° 0	15°51	20°49	n.a.	T 28
W29	21 42 0	23°27'45	26°51	12°54	17°55	22°11	18°37	23° 4	11°42	10° 5	9°24	16°55	15°47	20°56	n.a.	W29
T 30	21 45 57	24°27'10	10♏28	12°22	19° 7	22°51	18°50	23° 0	11°R42	10° 4	9°26	16°52	15°44	21° 2	n.a.	T 30
F 31	21 49 53	25♌26'37	23♏38	12♌ 0	20♋19	23♌31	19♌ 3	22♑56	11♉42	10♈ 3	9♌28	16°D51	15♐41	21♒ 9	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21n18	11s10	4s34	11n52	2s27	21n32	1s27	20n44	1n 8	18n27	1n10	22s54	1s27	15n15	0s15	2n16	2s 5	32n46	14n53	23s22	23s13	11s29			n.a.
T 2	21 7	15 37	3 51	11 28	2 36	21 43	1 24	20 35	1 8	18 23	1 10	22 55	1 27	15 15	0 15	2 16	2 5	32 46	14 53	23 22	23 13	11 27			n.a.
F 3	20 55	19 10	2 58	11 6	2 46	21 54	1 20	20 25	1 8	18 19	1 10	22 56	1 27	15 15	0 15	2 16	2 5	32 45	14 53	23 22	23 13	11 25			n.a.
S 4	20 43	21 41	1 56	10 45	2 55	22 4	1 16	20 15	1 8	18 16	1 10	22 57	1 27	15 16	0 15	2 16	2 5	32 44	14 53	23 22	23 12	11 22			n.a.
S 5	20 31	23 5	0 51	10 26	3 3	22 13	1 13	20 5	1 7	18 12	1 10	22 58	1 27	15 16	0 15	2 15	2 5	32 44	14 53	23 22	23 12	11 20			n.a.
M 6	20 18	23 19	0n16	10 8	3 12	22 22	1 9	19 55	1 7	18 8	1 10	22 59	1 28	15 17	0 15	2 15	2 5	32 43	14 53	23 22	23 12	11 17			n.a.
T 7	20 5	22 26	1 21	9 52	3 20	22 30	1 5	19 44	1 7	18 4	1 10	23 0	1 28	15 17	0 15	2 15	2 5	32 42	14 53	23 22	23 11	11 15			n.a.
W 8	19 52	20 32	2 21	9 39	3 27	22 38	1 2	19 34	1 7	18 0	1 10	23 1	1 28	15 17	0 16	2 15	2 5	32 42	14 53	23 22	23 11	11 12			n.a.
T 9	19 38	17 45	3 15	9 28	3 34	22 45	0 58	19 23	1 7	17 57	1 10	23 2	1 28	15 18	0 16	2 15	2 5	32 41	14 53	23 21	23 11	11 10			n.a.
F 10	19 24	14 15	4 0	9 19	3 40	22 51	0 54	19 12	1 7	17 53	1 10	23 3	1 28	15 18	0 16	2 14	2 6	32 41	14 53	23 21	23 10	11 7			n.a.
S 11	19 9	10 12	4 34	9 13	3 46	22 57	0 51	19 1	1 6	17 49	1 10	23 3	1 28	15 18	0 16	2 14	2 6	32 40	14 53	23 20	23 10	11 5			n.a.
S 12	18 54	5 47	4 56	9 11	3 50	23 2	0 47	18 50	1 6	17 45	1 10	23 4	1 28	15 19	0 16	2 14	2 6	32 39	14 53	23 19	23 10	11 2			n.a.
M13	18 39	1 9	5 6	9 12	3 54	23 7	0 43	18 39	1 6	17 41	1 10	23 5	1 28	15 19	0 16	2 14	2 6	32 39	14 53	23 18	23 9	11 0			n.a.
T 14	18 24	3n33	5 2	9 16	3 56	23 11	0 40	18 27	1 6	17 37	1 10	23 6	1 28	15 19	0 16	2 13	2 6	32 38	14 54	23 17	23 9	10 57			n.a.
W15	18 8	8 10	4 45	9 24	3 57	23 14	0 36	18 16	1 6	17 33	1 10	23 7	1 28	15 19	0 16	2 13	2 6	32 38	14 54	23 17	23 9	10 55			n.a.
T 16	17 52	12 32	4 15	9 36	3 57	23 17	0 32	18 4	1 5	17 29	1 10	23 8	1 28	15 20	0 16	2 13	2 6	32 37	14 54	23 17	23 9	10 52			n.a.
F 17	17 35	16 27	3 32	9 51	3 54	23 19	0 29	17 52	1 5	17 26	1 10	23 8	1 28	15 20	0 16	2 12	2 6	32 36	14 54	23 16	23 8	10 50			n.a.
S 18	17 18	19 43	2 37	10 11	3 50	23 20	0 25	17 40	1 5	17 22	1 10	23 9	1 28	15 20	0 16	2 12	2 6	32 36	14 54	23 16	23 8	10 48			n.a.
S 19	17 1	22 3	1 33	10 34	3 45	23 21	0 22	17 28	1 5	17 18	1 10	23 10	1 28	15 20	0 16	2 12	2 6	32 35	14 54	23 16	23 8	10 45			n.a.
M20	16 44	23 12	0 22	11 1	3 37	23 21	0 18	17 16	1 4	17 14	1 10	23 11	1 28	15 20	0 16	2 11	2 6	32 35	14 54	23 16	23 7	10 43			n.a.
T 21	16 26	22 56	0s54	11 30	3 27	23 20	0 15	17 4	1 4	17 10	1 10	23 11	1 28	15 21	0 16	2 11	2 6	32 34	14 54	23 16	23 7	10 40			n.a.
W22	16 8	21 8	2 8	12 3	3 15	23 19	0 11	16 51	1 4	17 6	1 10	23 12	1 28	15 21	0 16	2 11	2 6	32 34	14 54	23 16	23 7	10 38			n.a.
T 23	15 50	17 51	3 15	12 37	3 1	23 16	0 8	16 38	1 4	17 2	1 11	23 13	1 28	15 21	0 16	2 10	2 6	32 33	14 54	23 16	23 6	10 35			n.a.
F 24	15 32	13 20	4 9	13 13	2 45	23 14	0 4	16 26	1 3	16 58	1 11	23 14	1 28	15 21	0 16	2 10	2 6	32 33	14 54	23 15	23 6	10 33			n.a.
S 25	15 13	7 56	4 46	13 50	2 28	23 10	0 1	16 13	1 3	16 53	1 11	23 14	1 28	15 21	0 16	2 9	2 6	32 32	14 55	23 14	23 6	10 30			n.a.
S 26	14 54	2 5	5 3	14 26	2 10	23 6	0n 3	16 0	1 3	16 49	1 11	23 15	1 28	15 21	0 16	2 9	2 6	32 31	14 55	23 13	23 5	10 28			n.a.
M27	14 35	3s47	4 58	15 1	1 50	23 1	0 6	15 46	1 3	16 45	1 11	23 16	1 28	15 21	0 16	2 8	2 7	32 31	14 55	23 12	23 5	10 25			n.a.
T 28	14 15	9 18	4 34	15 35	1 30	22 56	0 9	15 33	1 2	16 41	1 11	23 16	1 28	15 21	0 16	2 8	2 7	32 30	14 55	23 12	23 5	10 23			n.a.
W29	13 55	14 8	3 53	16 6	1 10	22 50	0 13	15 20	1 2	16 37	1 11	23 17	1 28	15 21	0 16	2 8	2 7	32 30	14 55	23 11	23 4	10 20			n.a.
T 30	13 35	18 4	3 1	16 34	0 50	22 43	0 16	15 6	1 2	16 33	1 11	23 18	1 28	15 21	0 16	2 7	2 7	32 30	14 55	23 11	23 4	10 18			n.a.
F 31	13n15	20s56	2s 0	16n59	0s31	22n35	0n19	14n53	1n 2	16n29	1n11	23s18	1s28	15n21	0s16	2n 7	2s 7	32n29	14n56	23s11	23s 3	10s15			n.a.

Julian Day Number = 1266168.5, Delta T = 08h21m33s
Ecliptic obliquity = 23°50'31, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'41, Lahiri = -21°09'41 Julian Calendar 1 Aug. 1247 BCE == Greg. Calendar 21 July 1247 BCE

The year -1246 astronomical counting style corresponds to year 1247 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1247 BCE
geocentric

SEPTEMBER 1247 BCE (-1246) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 53 50	26♌26'06	6♐24	11°R48	21♋32	24♌11	19♌16	22°R53	11°R42	10°R 2	9♌31	16♐51	15♐38	21♒16	n.a.	S 1
S 2	21 57 46	27°25'37	18°50	11°D48	22°44	24°51	19°29	22♏50	11♉42	10♈ 1	9°33	16°R52	15°35	21°23	n.a.	S 2
M 3	22 1 43	28°25'09	1♏ 1	11♌58	23°57	25°31	19°42	22°46	11°41	10° 0	9°35	16°51	15°32	21°29	n.a.	M 3
T 4	22 5 39	29°24'44	13° 2	12°19	25° 9	26°11	19°55	22°43	11°41	9°59	9°37	16°48	15°28	21°36	n.a.	T 4
W 5	22 9 36	0♍24'20	24°56	12°49	26°22	26°51	20° 8	22°40	11°41	9°57	9°39	16°42	15°25	21°43	n.a.	W 5
T 6	22 13 32	1°23'59	6♒48	13°29	27°35	27°31	20°21	22°37	11°41	9°56	9°41	16°33	15°22	21°49	n.a.	T 6
F 7	22 17 29	2°23'39	18°39	14°18	28°48	28°12	20°34	22°34	11°40	9°55	9°43	16°22	15°19	21°56	n.a.	F 7
S 8	22 21 25	3°23'22	0♓31	15°14	0♌ 1	28°52	20°47	22°31	11°40	9°54	9°45	16° 9	15°16	22° 3	n.a.	S 8
S 9	22 25 22	4°23'07	12°27	16°17	1°14	29°32	21° 0	22°28	11°39	9°52	9°47	15°55	15°12	22°10	n.a.	S 9
M10	22 29 19	5°22'53	24°26	17°26	2°27	0♍13	21°13	22°25	11°39	9°51	9°49	15°41	15° 9	22°16	n.a.	M10
T 11	22 33 15	6°22'42	6♈31	18°41	3°40	0°53	21°26	22°22	11°38	9°50	9°52	15°28	15° 6	22°23	n.a.	T 11
W12	22 37 12	7°22'34	18°43	20° 1	4°53	1°33	21°39	22°20	11°37	9°48	9°54	15°18	15° 3	22°30	n.a.	W12
T 13	22 41 8	8°22'27	1♉ 4	21°24	6° 7	2°14	21°51	22°17	11°37	9°47	9°56	15°10	15° 0	22°36	n.a.	T 13
F 14	22 45 5	9°22'23	13°36	22°51	7°20	2°54	22° 4	22°15	11°36	9°46	9°58	15° 5	14°57	22°43	n.a.	F 14
S 15	22 49 1	10°22'21	26°23	24°21	8°34	3°35	22°17	22°13	11°35	9°44	10° 0	15° 3	14°53	22°50	n.a.	S 15
S 16	22 52 58	11°22'22	9♊29	25°53	9°47	4°16	22°30	22°10	11°34	9°43	10° 2	15° 3	14°50	22°57	n.a.	S 16
M17	22 56 54	12°22'25	22°57	27°27	11° 1	4°56	22°42	22° 8	11°33	9°41	10° 3	15° 3	14°47	23° 3	n.a.	M17
T 18	23 0 51	13°22'30	6♋49	29° 2	12°15	5°37	22°55	22° 6	11°32	9°40	10° 5	15° 2	14°44	23°10	n.a.	T 18
W19	23 4 48	14°22'38	21° 7	0♍39	13°28	6°18	23° 8	22° 4	11°31	9°38	10° 7	14°59	14°41	23°17	n.a.	W19
T 20	23 8 44	15°22'48	5♌50	2°17	14°42	6°58	23°20	22° 2	11°30	9°37	10° 9	14°53	14°38	23°23	n.a.	T 20
F 21	23 12 41	16°23'00	20°51	3°55	15°56	7°39	23°33	22° 1	11°29	9°35	10°11	14°44	14°34	23°30	n.a.	F 21
S 22	23 16 37	17°23'14	6♍ 4	5°34	17°10	8°20	23°46	21°59	11°28	9°34	10°13	14°34	14°31	23°37	n.a.	S 22
S 23	23 20 34	18°23'30	21°17	7°13	18°24	9° 1	23°58	21°58	11°27	9°32	10°15	14°22	14°28	23°44	n.a.	S 23
M24	23 24 30	19°23'48	6♎19	8°52	19°38	9°42	24°11	21°56	11°25	9°31	10°17	14°11	14°25	23°50	n.a.	M24
T 25	23 28 27	20°24'08	21° 2	10°32	20°52	10°23	24°23	21°55	11°24	9°29	10°18	14° 1	14°22	23°57	n.a.	T 25
W26	23 32 23	21°24'29	5♏17	12°11	22° 7	11° 4	24°35	21°54	11°23	9°27	10°20	13°54	14°18	24° 4	n.a.	W26
T 27	23 36 20	22°24'53	19° 2	13°50	23°21	11°45	24°48	21°52	11°21	9°26	10°22	13°49	14°15	24°10	n.a.	T 27
F 28	23 40 16	23°25'17	2♐19	15°30	24°35	12°26	25° 0	21°51	11°20	9°24	10°24	13°47	14°12	24°17	n.a.	F 28
S 29	23 44 13	24°25'44	15° 8	17° 9	25°50	13° 7	25°12	21°50	11°18	9°23	10°26	13°D47	14° 9	24°24	n.a.	S 29
S 30	23 48 10	25♍26'12	27♐36	18♍47	27♌ 4	13♍48	25♌25	21♏50	11♉17	9♈21	10♌27	13°R47	14♐ 6	24♒31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n55	22s39	0s55	17n20	0s12	22n27	0n22	14n39	1n 1	16n25	1n11	23s19	1s28	15n21	0s16	2n 6	2s 7	32n29	14n56	23s11	23s 3	10s13		n.a.
S 2	12 34	23 11	0n10	17 37	0n 5	22 18	0 25	14 25	1 1	16 21	1 11	23 19	1 28	15 21	0 16	2 6	2 7	32 28	14 56	23 11	23 3	10 10		n.a.
M 3	12 13	22 36	1 14	17 51	0 22	22 9	0 28	14 11	1 1	16 17	1 11	23 20	1 28	15 21	0 16	2 5	2 7	32 28	14 56	23 11	23 2	10 8		n.a.
T 4	11 52	20 58	2 14	17 59	0 37	21 58	0 31	13 57	1 1	16 13	1 11	23 20	1 28	15 21	0 16	2 5	2 7	32 27	14 56	23 10	23 2	10 5		n.a.
W 5	11 31	18 26	3 7	18 4	0 51	21 48	0 34	13 43	1 0	16 8	1 11	23 21	1 28	15 21	0 16	2 4	2 7	32 27	14 57	23 10	23 2	10 3		n.a.
T 6	11 9	15 9	3 52	18 5	1 4	21 36	0 37	13 28	1 0	16 4	1 11	23 21	1 28	15 21	0 16	2 3	2 7	32 26	14 57	23 9	23 1	10 0		n.a.
F 7	10 48	11 16	4 26	18 1	1 15	21 24	0 40	13 14	1 0	16 0	1 11	23 22	1 28	15 20	0 16	2 3	2 7	32 26	14 57	23 8	23 1	9 58		n.a.
S 8	10 26	6 58	4 49	17 54	1 25	21 11	0 43	12 59	0 59	15 56	1 11	23 22	1 28	15 20	0 16	2 2	2 7	32 26	14 57	23 6	23 1	9 55		n.a.
S 9	10 4	2 24	4 59	17 43	1 34	20 58	0 45	12 45	0 59	15 52	1 11	23 23	1 28	15 20	0 16	2 2	2 7	32 25	14 57	23 5	23 0	9 53		n.a.
M10	9 42	2n17	4 56	17 28	1 41	20 43	0 48	12 30	0 59	15 48	1 12	23 23	1 28	15 20	0 16	2 1	2 7	32 25	14 58	23 3	23 0	9 50		n.a.
T 11	9 19	6 54	4 40	17 10	1 47	20 29	0 51	12 15	0 59	15 44	1 12	23 24	1 28	15 20	0 16	2 1	2 7	32 25	14 58	23 2	23 0	9 48		n.a.
W12	8 57	11 19	4 11	16 49	1 52	20 13	0 53	12 0	0 58	15 39	1 12	23 24	1 28	15 20	0 16	2 0	2 7	32 24	14 58	23 1	22 59	9 45		n.a.
T 13	8 34	15 18	3 30	16 26	1 56	19 57	0 56	11 45	0 58	15 35	1 12	23 24	1 28	15 19	0 16	2 0	2 7	32 24	14 59	23 0	22 59	9 43		n.a.
F 14	8 11	18 41	2 38	15 59	1 58	19 41	0 58	11 30	0 58	15 31	1 12	23 25	1 28	15 19	0 16	1 59	2 7	32 24	14 59	23 0	22 59	9 40		n.a.
S 15	7 48	21 14	1 37	15 31	2 0	19 24	1 0	11 15	0 57	15 27	1 12	23 25	1 28	15 19	0 16	1 58	2 7	32 23	14 59	22 59	22 58	9 38		n.a.
S 16	7 25	22 44	0 29	15 0	2 1	19 6	1 3	11 0	0 57	15 23	1 12	23 26	1 28	15 19	0 16	1 58	2 7	32 23	14 59	22 59	22 58	9 35		n.a.
M17	7 2	22 57	0s42	14 27	2 1	18 48	1 5	10 44	0 57	15 19	1 12	23 26	1 28	15 18	0 16	1 57	2 7	32 23	15 0	22 59	22 57	9 33		n.a.
T 18	6 38	21 48	1 52	13 53	2 1	18 29	1 7	10 29	0 56	15 15	1 12	23 26	1 28	15 18	0 16	1 57	2 8	32 22	15 0	22 59	22 57	9 30		n.a.
W19	6 15	19 13	2 58	13 17	2 0	18 10	1 9	10 13	0 56	15 10	1 12	23 26	1 28	15 18	0 16	1 56	2 8	32 22	15 0	22 59	22 57	9 28		n.a.
T 20	5 51	15 21	3 54	12 40	1 58	17 50	1 11	9 58	0 56	15 6	1 12	23 27	1 28	15 17	0 16	1 55	2 8	32 22	15 1	22 58	22 56	9 25		n.a.
F 21	5 28	10 27	4 35	12 1	1 55	17 29	1 13	9 42	0 55	15 2	1 13	23 27	1 28	15 17	0 16	1 55	2 8	32 22	15 1	22 57	22 56	9 23		n.a.
S 22	5 4	4 51	4 57	11 22	1 52	17 8	1 15	9 26	0 55	14 58	1 13	23 27	1 27	15 17	0 16	1 54	2 8	32 21	15 1	22 56	22 56	9 20		n.a.
S 23	4 40	1s 2	4 58	10 41	1 49	16 47	1 17	9 10	0 55	14 54	1 13	23 27	1 27	15 16	0 16	1 53	2 8	32 21	15 2	22 55	22 55	9 18		n.a.
M24	4 16	6 48	4 38	10 0	1 45	16 25	1 18	8 54	0 54	14 50	1 13	23 27	1 27	15 16	0 16	1 53	2 8	32 21	15 2	22 53	22 55	9 15		n.a.
T 25	3 52	12 2	4 0	9 18	1 41	16 2	1 20	8 38	0 54	14 46	1 13	23 28	1 27	15 15	0 16	1 52	2 8	32 21	15 2	22 52	22 54	9 13		n.a.
W26	3 28	16 27	3 8	8 35	1 37	15 39	1 22	8 22	0 54	14 42	1 13	23 28	1 27	15 15	0 16	1 51	2 8	32 21	15 3	22 51	22 54	9 10		n.a.
T 27	3 4	19 48	2 7	7 52	1 32	15 16	1 23	8 6	0 53	14 37	1 13	23 28	1 27	15 14	0 16	1 51	2 8	32 20	15 3	22 51	22 54	9 8		n.a.
F 28	2 39	21 57	1 0	7 9	1 27	14 52	1 25	7 49	0 53	14 33	1 13	23 28	1 27	15 14	0 16	1 50	2 8	32 20	15 3	22 50	22 53	9 5		n.a.
S 29	2 15	22 53	0n 7	6 25	1 22	14 28	1 26	7 33	0 53	14 29	1 14	23 28	1 27	15 14	0 16	1 49	2 8	32 20	15 4	22 50	22 53	9 3		n.a.
S 30	1n51	22s37	1n13	5n40	1n16	14n 3	1n27	7n17	0n52	14n25	1n14	23s28	1s27	15n13	0s16	1n49	2s 8	32n20	15n 4	22s50	22s53	9s 0		n.a.

Julian Day Number = 1266199.5, Delta T = 08h21m31s
Ecliptic obliquity = 23°50'31, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'37, Lahiri = -21°09'36 Julian Calendar 1 Sept. 1247 BCE == Greg. Calendar 21 Aug. 1247 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1247 BCE
geocentric

OCTOBER 1247 BCE (-1246) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 52 6	26♍26'41	9♉47	20♍26	28♌18	14♍29	25♌37	21°R49	11°R15	9°R19	10♌29	13°R46	14♐ 3	24♒37	n.a.	M 1
T 2	23 56 3	27°27'12	21°46	22° 4	29°33	15°10	25°49	21♉48	11♉14	9♈18	10°31	13♐44	13°59	24°44	n.a.	T 2
W 3	23 59 59	28°27'45	3♒38	23°42	0♍48	15°51	26° 1	21°48	11°12	9°16	10°32	13°39	13°56	24°51	n.a.	W 3
T 4	0 3 56	29°28'19	15°29	25°19	2° 2	16°33	26°13	21°47	11°10	9°14	10°34	13°31	13°53	24°57	n.a.	T 4
F 5	0 7 52	0♎28'54	27°20	26°57	3°17	17°14	26°25	21°47	11° 8	9°13	10°35	13°20	13°50	25° 4	n.a.	F 5
S 6	0 11 49	1°29'31	9♓15	28°34	4°31	17°55	26°37	21°47	11° 7	9°11	10°37	13° 8	13°47	25°11	n.a.	S 6
S 7	0 15 45	2°30'09	21°17	0♎10	5°46	18°37	26°48	21°D47	11° 5	9° 9	10°39	12°54	13°43	25°18	n.a.	S 7
M 8	0 19 42	3°30'49	3♈25	1°47	7° 1	19°18	27° 0	21°47	11° 3	9° 8	10°40	12°41	13°40	25°24	n.a.	M 8
T 9	0 23 39	4°31'31	15°42	3°23	8°16	20° 0	27°12	21°47	11° 1	9° 6	10°42	12°29	13°37	25°31	n.a.	T 9
W10	0 27 35	5°32'14	28° 7	4°58	9°30	20°41	27°23	21°47	10°59	9° 4	10°43	12°19	13°34	25°38	n.a.	W10
T 11	0 31 32	6°32'58	10♉41	6°34	10°45	21°23	27°35	21°48	10°57	9° 2	10°44	12°12	13°31	25°44	n.a.	T 11
F 12	0 35 28	7°33'45	23°26	8° 9	12° 0	22° 4	27°47	21°48	10°55	9° 1	10°46	12° 7	13°28	25°51	n.a.	F 12
S 13	0 39 25	8°34'33	6♊23	9°44	13°15	22°46	27°58	21°49	10°53	8°59	10°47	12°D 6	13°24	25°58	n.a.	S 13
S 14	0 43 21	9°35'23	19°34	11°19	14°30	23°28	28° 9	21°49	10°51	8°57	10°49	12° 6	13°21	26° 5	n.a.	S 14
M15	0 47 18	10°36'15	3♋ 1	12°54	15°45	24° 9	28°21	21°50	10°49	8°56	10°50	12° 6	13°18	26°11	n.a.	M15
T 16	0 51 14	11°37'08	16°46	14°28	17° 0	24°51	28°32	21°51	10°47	8°54	10°51	12°R 6	13°15	26°18	n.a.	T 16
W17	0 55 11	12°38'03	0♌51	16° 2	18°15	25°33	28°43	21°52	10°45	8°52	10°53	12° 5	13°12	26°25	n.a.	W17
T 18	0 59 8	13°38'59	15°14	17°37	19°30	26°15	28°54	21°53	10°43	8°51	10°54	12° 1	13° 9	26°31	n.a.	T 18
F 19	1 3 4	14°39'57	29°53	19°11	20°46	26°57	29° 5	21°54	10°40	8°49	10°55	11°55	13° 5	26°38	n.a.	F 19
S 20	1 7 1	15°40'57	14♍43	20°44	22° 1	27°39	29°16	21°56	10°38	8°47	10°56	11°47	13° 2	26°45	n.a.	S 20
S 21	1 10 57	16°41'57	29°36	22°18	23°16	28°21	29°27	21°57	10°36	8°46	10°57	11°38	12°59	26°52	n.a.	S 21
M22	1 14 54	17°42'59	14♎23	23°52	24°31	29° 3	29°37	21°59	10°34	8°44	10°59	11°29	12°56	26°58	n.a.	M22
T 23	1 18 50	18°44'03	28°56	25°25	25°46	29°45	29°48	22° 0	10°31	8°42	11° 0	11°21	12°53	27° 5	n.a.	T 23
W24	1 22 47	19°45'07	13♏ 8	26°59	27° 2	0♎27	29°59	22° 2	10°29	8°40	11° 1	11°15	12°49	27°12	n.a.	W24
T 25	1 26 43	20°46'12	26°55	28°32	28°17	1° 9	0♍ 9	22° 4	10°26	8°39	11° 2	11°12	12°46	27°18	n.a.	T 25
F 26	1 30 40	21°47'18	10♐15	0♏ 6	29°32	1°51	0°19	22° 6	10°24	8°37	11° 3	11°D11	12°43	27°25	n.a.	F 26
S 27	1 34 37	22°48'25	23°10	1°39	0♎47	2°33	0°30	22° 8	10°22	8°36	11° 4	11°12	12°40	27°32	n.a.	S 27
S 28	1 38 33	23°49'33	5♉42	3°13	2° 3	3°16	0°40	22°10	10°19	8°34	11° 5	11°13	12°37	27°39	n.a.	S 28
M29	1 42 30	24°50'41	17°57	4°46	3°18	3°58	0°50	22°12	10°17	8°32	11° 6	11°14	12°34	27°45	n.a.	M29
T 30	1 46 26	25°51'50	29°59	6°19	4°33	4°40	1° 0	22°15	10°14	8°31	11° 7	11°R14	12°30	27°52	n.a.	T 30
W31	1 50 23	26♎53'00	11♒52	7♏52	5♎49	5♎23	1♍10	22♉17	10♉12	8♈29	11♌ 7	11♐13	12♐27	27♒59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1n26	21s16	2n13	4n56	1n11	13n38	1n28	7n 0	0n52	14n21	1n14	23s28	1s27	15n13	0s16	1n48	2s 8	32n20	15n 5	22s50	22s52	8s58		n.a.
T 2	1 2	18 59	3 7	4 11	1 5	13 13	1 29	6 44	0 51	14 17	1 14	23 28	1 27	15 12	0 16	1 47	2 8	32 20	15 5	22 50	22 52	8 55		n.a.
W 3	0 37	15 55	3 52	3 26	0 59	12 47	1 31	6 27	0 51	14 13	1 14	23 28	1 27	15 12	0 16	1 47	2 8	32 19	15 5	22 49	22 51	8 53		n.a.
T 4	0 13	12 14	4 26	2 41	0 53	12 21	1 32	6 10	0 51	14 9	1 14	23 28	1 27	15 11	0 16	1 46	2 8	32 19	15 6	22 48	22 51	8 50		n.a.
F 5	0s12	8 4	4 50	1 57	0 46	11 54	1 32	5 54	0 50	14 5	1 14	23 28	1 27	15 10	0 16	1 45	2 8	32 19	15 6	22 47	22 51	8 48		n.a.
S 6	0 36	3 36	5 0	1 12	0 40	11 27	1 33	5 37	0 50	14 1	1 14	23 28	1 27	15 10	0 16	1 45	2 8	32 19	15 7	22 45	22 50	8 45		n.a.
S 7	1 1	1n 2	4 58	0 27	0 34	11 0	1 34	5 20	0 50	13 57	1 15	23 28	1 27	15 9	0 16	1 44	2 8	32 19	15 7	22 44	22 50	8 43		n.a.
M 8	1 25	5 41	4 42	0s18	0 27	10 33	1 35	5 3	0 49	13 53	1 15	23 28	1 26	15 9	0 16	1 43	2 8	32 19	15 7	22 42	22 49	8 40		n.a.
T 9	1 50	10 9	4 13	1 3	0 21	10 5	1 35	4 46	0 49	13 49	1 15	23 28	1 26	15 8	0 16	1 43	2 8	32 19	15 8	22 40	22 49	8 38		n.a.
W10	2 14	14 15	3 31	1 47	0 14	9 36	1 36	4 29	0 48	13 45	1 15	23 28	1 26	15 8	0 16	1 42	2 8	32 19	15 8	22 39	22 49	8 35		n.a.
T 11	2 39	17 47	2 39	2 32	0 8	9 8	1 36	4 12	0 48	13 41	1 15	23 28	1 26	15 7	0 16	1 41	2 8	32 19	15 9	22 38	22 48	8 33		n.a.
F 12	3 3	20 31	1 38	3 16	0 1	8 39	1 36	3 55	0 48	13 37	1 15	23 28	1 26	15 6	0 16	1 41	2 8	32 19	15 9	22 37	22 48	8 30		n.a.
S 13	3 27	22 14	0 30	4 0	0s 5	8 10	1 37	3 38	0 47	13 34	1 16	23 27	1 26	15 6	0 16	1 40	2 8	32 19	15 10	22 37	22 48	8 28		n.a.
S 14	3 52	22 46	0s40	4 44	0 12	7 41	1 37	3 21	0 47	13 30	1 16	23 27	1 26	15 5	0 16	1 39	2 8	32 19	15 10	22 37	22 47	8 25		n.a.
M15	4 16	21 59	1 49	5 27	0 18	7 12	1 37	3 4	0 46	13 26	1 16	23 27	1 26	15 4	0 16	1 39	2 8	32 19	15 11	22 37	22 47	8 23		n.a.
T 16	4 40	19 53	2 54	6 10	0 24	6 42	1 37	2 47	0 46	13 22	1 16	23 27	1 26	15 4	0 16	1 38	2 8	32 19	15 11	22 37	22 46	8 20		n.a.
W17	5 4	16 34	3 50	6 53	0 31	6 12	1 37	2 29	0 45	13 18	1 16	23 27	1 26	15 3	0 16	1 37	2 8	32 19	15 12	22 37	22 46	8 18		n.a.
T 18	5 28	12 12	4 33	7 36	0 37	5 42	1 37	2 12	0 45	13 15	1 16	23 26	1 26	15 2	0 16	1 37	2 8	32 19	15 12	22 37	22 45	8 15		n.a.
F 19	5 52	7 3	4 58	8 18	0 43	5 12	1 37	1 55	0 44	13 11	1 17	23 26	1 26	15 2	0 16	1 36	2 8	32 19	15 13	22 36	22 45	8 13		n.a.
S 20	6 16	1 27	5 5	9 0	0 49	4 42	1 37	1 37	0 44	13 7	1 17	23 26	1 26	15 1	0 16	1 35	2 8	32 20	15 13	22 35	22 45	8 10		n.a.
S 21	6 40	4s16	4 50	9 41	0 56	4 11	1 36	1 20	0 44	13 3	1 17	23 25	1 25	15 0	0 16	1 35	2 8	32 20	15 14	22 33	22 44	8 7		n.a.
M22	7 4	9 42	4 17	10 22	1 1	3 41	1 36	1 3	0 43	13 0	1 17	23 25	1 25	14 59	0 16	1 34	2 8	32 20	15 14	22 32	22 44	8 5		n.a.
T 23	7 28	14 29	3 27	11 2	1 7	3 10	1 35	0 45	0 43	12 56	1 17	23 25	1 25	14 59	0 16	1 33	2 8	32 20	15 15	22 31	22 43	8 2		n.a.
W24	7 51	18 20	2 25	11 42	1 13	2 39	1 35	0 28	0 42	12 52	1 17	23 24	1 25	14 58	0 16	1 33	2 8	32 20	15 15	22 30	22 43	8 0		n.a.
T 25	8 14	21 2	1 16	12 21	1 18	2 8	1 34	0 10	0 42	12 49	1 18	23 24	1 25	14 57	0 16	1 32	2 8	32 20	15 16	22 30	22 43	7 57		n.a.
F 26	8 38	22 27	0 5	13 0	1 24	1 37	1 34	0s 7	0 41	12 45	1 18	23 24	1 25	14 56	0 16	1 31	2 8	32 20	15 16	22 30	22 42	7 55		n.a.
S 27	9 1	22 36	1n 4	13 38	1 29	1 6	1 33	0 25	0 41	12 42	1 18	23 23	1 25	14 56	0 16	1 31	2 8	32 21	15 17	22 30	22 42	7 52		n.a.
S 28	9 24	21 35	2 8	14 16	1 34	0 35	1 32	0 42	0 40	12 38	1 18	23 23	1 25	14 55	0 16	1 30	2 8	32 21	15 17	22 30	22 41	7 50		n.a.
M29	9 47	19 33	3 5	14 52	1 39	0 3	1 31	1 0	0 40	12 35	1 18	23 22	1 25	14 54	0 16	1 29	2 8	32 21	15 18	22 30	22 41	7 47		n.a.
T 30	10 9	16 42	3 53	15 28	1 43	0s28	1 30	1 17	0 39	12 31	1 19	23 22	1 25	14 53	0 16	1 29	2 8	32 21	15 18	22 30	22 41	7 45		n.a.
W31	10s32	13s12	4n30	16s 4	1s48	0s59	1n29	1s35	0n39	12n28	1n19	23s21	1s25	14n53	0s16	1n28	2s 8	32n21	15n19	22s30	22s40	7s42		n.a.

Julian Day Number = 1266229.5, Delta T = 08h21m30s
Ecliptic obliquity = 23°50'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'33, Lahiri = -21°09'32 Julian Calendar 1 Oct. 1247 BCE == Greg. Calendar 20 Sept. 1247 BCE

The year -1246 astronomical counting style corresponds to year 1247 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1247 BCE
geocentric

NOVEMBER 1247 BCE (-1246) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 54 19	27♎54'10	23♒44	9♏25	7♎ 4	6♎ 5	1♍20	22♑20	10°R 9	8°R27	11♌ 8	11°R 9	12♐24	28♒ 5	n.a.	T 1
F 2	1 58 16	28°55'20	5♓36	10°58	8°19	6°47	1°29	22°22	10♉ 7	8♈26	11° 9	11♐ 4	12°21	28°12	n.a.	F 2
S 3	2 2 12	29°56'31	17°35	12°31	9°35	7°30	1°39	22°25	10° 4	8°24	11°10	10°57	12°18	28°19	n.a.	S 3
S 4	2 6 9	0♏57'43	29°41	14° 3	10°50	8°12	1°48	22°28	10° 2	8°23	11°10	10°50	12°14	28°26	n.a.	S 4
M 5	2 10 6	1°58'55	11♈59	15°36	12° 6	8°55	1°58	22°31	9°59	8°21	11°11	10°42	12°11	28°32	n.a.	M 5
T 6	2 14 2	3° 0'07	24°28	17° 8	13°21	9°37	2° 7	22°34	9°57	8°20	11°12	10°35	12° 8	28°39	n.a.	T 6
W 7	2 17 59	4° 1'20	7♉10	18°39	14°36	10°20	2°16	22°37	9°54	8°18	11°12	10°30	12° 5	28°46	n.a.	W 7
T 8	2 21 55	5° 2'34	20° 5	20°11	15°52	11° 3	2°25	22°40	9°52	8°17	11°13	10°26	12° 2	28°53	n.a.	T 8
F 9	2 25 52	6° 3'48	3♊11	21°42	17° 7	11°45	2°34	22°44	9°49	8°15	11°14	10°24	11°59	28°59	n.a.	F 9
S 10	2 29 48	7° 5'03	16°29	23°12	18°23	12°28	2°43	22°47	9°47	8°14	11°14	10°D24	11°55	29° 6	n.a.	S 10
S 11	2 33 45	8° 6'19	29°58	24°41	19°38	13°11	2°52	22°51	9°44	8°12	11°15	10°25	11°52	29°13	n.a.	S 11
M12	2 37 41	9° 7'35	13♋39	26° 9	20°53	13°54	3° 0	22°54	9°41	8°11	11°15	10°27	11°49	29°19	n.a.	M12
T 13	2 41 38	10° 8'52	27°30	27°37	22° 9	14°37	3° 9	22°58	9°39	8°10	11°16	10°28	11°46	29°26	n.a.	T 13
W14	2 45 35	11°10'09	11♌31	29° 2	23°24	15°20	3°17	23° 2	9°36	8° 8	11°16	10°R29	11°43	29°33	n.a.	W14
T 15	2 49 31	12°11'27	25°43	0♐27	24°40	16° 3	3°25	23° 6	9°34	8° 7	11°16	10°28	11°40	29°40	n.a.	T 15
F 16	2 53 28	13°12'45	10♍ 1	1°49	25°55	16°46	3°33	23°10	9°31	8° 5	11°17	10°26	11°36	29°46	n.a.	F 16
S 17	2 57 24	14°14'04	24°25	3° 8	27°11	17°29	3°41	23°14	9°29	8° 4	11°17	10°23	11°33	29°53	n.a.	S 17
S 18	3 1 21	15°15'23	8♎48	4°25	28°26	18°12	3°49	23°18	9°26	8° 3	11°17	10°19	11°30	29°59	n.a.	S 18
M19	3 5 17	16°16'43	23° 7	5°39	29°42	18°55	3°56	23°22	9°23	8° 2	11°17	10°15	11°27	0♓ 6	n.a.	M19
T 20	3 9 14	17°18'02	7♏15	6°49	0♏57	19°38	4° 4	23°27	9°21	8° 0	11°18	10°12	11°24	0°13	n.a.	T 20
W21	3 13 11	18°19'22	21° 8	7°55	2°12	20°21	4°11	23°31	9°18	7°59	11°18	10°10	11°20	0°20	n.a.	W21
T 22	3 17 7	19°20'42	4♐43	8°55	3°28	21° 4	4°19	23°36	9°16	7°58	11°18	10°D 9	11°17	0°27	n.a.	T 22
F 23	3 21 4	20°22'02	17°57	9°49	4°43	21°48	4°26	23°40	9°13	7°57	11°18	10° 9	11°14	0°33	n.a.	F 23
S 24	3 25 0	21°23'21	0♑51	10°37	5°59	22°31	4°33	23°45	9°11	7°56	11°18	10°10	11°11	0°40	n.a.	S 24
S 25	3 28 57	22°24'40	13°25	11°17	7°14	23°14	4°40	23°50	9° 8	7°54	11°R18	10°11	11° 8	0°47	n.a.	S 25
M26	3 32 53	23°25'59	25°43	11°48	8°30	23°58	4°46	23°54	9° 6	7°53	11°18	10°13	11° 5	0°54	n.a.	M26
T 27	3 36 50	24°27'17	7♒47	12°10	9°45	24°41	4°53	23°59	9° 3	7°52	11°18	10°14	11° 1	1° 0	n.a.	T 27
W28	3 40 46	25°28'34	19°43	12°22	11° 0	25°24	4°59	24° 4	9° 1	7°51	11°18	10°15	10°58	1° 7	n.a.	W28
T 29	3 44 43	26°29'51	1♓36	12°R23	12°16	26° 8	5° 5	24° 9	8°58	7°50	11°18	10°R15	10°55	1°14	n.a.	T 29
F 30	3 48 40	27♏31'08	13♓29	12♐12	13♏31	26♎51	5♍11	24♑15	8♉56	7♈49	11♌18	10♐14	10♐52	1♓20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s54	9s12	4n55	16s38	1s52	1s30	1n28	1s52	0n38	12n25	1n19	23s21	1s25	14n52	0s16	1n28	2s 8	32n22	15n19	22s30	22s40	7s40		n.a.
F 2	11 16	4 51	5 8	17 12	1 56	2 2	1 27	2 10	0 38	12 21	1 19	23 20	1 25	14 51	0 16	1 27	2 8	32 22	15 20	22 29	22 39	7 37		n.a.
S 3	11 38	0 17	5 7	17 45	1 59	2 33	1 26	2 27	0 37	12 18	1 19	23 20	1 25	14 50	0 16	1 26	2 8	32 22	15 20	22 28	22 39	7 35		n.a.
S 4	12 0	4n20	4 53	18 16	2 3	3 4	1 25	2 45	0 37	12 15	1 20	23 19	1 24	14 49	0 16	1 26	2 8	32 23	15 21	22 27	22 38	7 32		n.a.
M 5	12 22	8 52	4 25	18 47	2 6	3 35	1 23	3 2	0 36	12 12	1 20	23 19	1 24	14 49	0 16	1 25	2 8	32 23	15 21	22 26	22 38	7 30		n.a.
T 6	12 43	13 6	3 44	19 17	2 8	4 6	1 22	3 20	0 36	12 8	1 20	23 18	1 24	14 48	0 16	1 25	2 8	32 23	15 22	22 25	22 38	7 27		n.a.
W 7	13 4	16 49	2 51	19 45	2 10	4 37	1 20	3 37	0 35	12 5	1 20	23 18	1 24	14 47	0 16	1 24	2 7	32 23	15 22	22 24	22 37	7 25		n.a.
T 8	13 25	19 48	1 49	20 12	2 12	5 8	1 19	3 55	0 35	12 2	1 21	23 17	1 24	14 46	0 16	1 23	2 7	32 24	15 23	22 23	22 37	7 22		n.a.
F 9	13 46	21 47	0 39	20 38	2 13	5 39	1 17	4 12	0 34	11 59	1 21	23 16	1 24	14 45	0 16	1 23	2 7	32 24	15 23	22 23	22 36	7 20		n.a.
S 10	14 6	22 36	0s33	21 3	2 14	6 9	1 16	4 30	0 34	11 56	1 21	23 16	1 24	14 45	0 16	1 22	2 7	32 25	15 24	22 23	22 36	7 17		n.a.
S 11	14 27	22 6	1 45	21 26	2 14	6 40	1 14	4 47	0 33	11 53	1 21	23 15	1 24	14 44	0 16	1 22	2 7	32 25	15 25	22 23	22 35	7 15		n.a.
M12	14 47	20 17	2 52	21 47	2 14	7 10	1 13	5 4	0 33	11 50	1 22	23 14	1 24	14 43	0 16	1 21	2 7	32 25	15 25	22 23	22 35	7 12		n.a.
T 13	15 6	17 16	3 50	22 7	2 13	7 40	1 11	5 22	0 32	11 47	1 22	23 14	1 24	14 42	0 16	1 21	2 7	32 26	15 26	22 24	22 35	7 9		n.a.
W14	15 26	13 13	4 34	22 25	2 12	8 10	1 9	5 39	0 31	11 45	1 22	23 13	1 24	14 41	0 15	1 20	2 7	32 26	15 26	22 24	22 34	7 7		n.a.
T 15	15 45	8 25	5 3	22 42	2 10	8 40	1 7	5 56	0 31	11 42	1 22	23 12	1 24	14 40	0 15	1 20	2 7	32 26	15 27	22 24	22 34	7 4		n.a.
F 16	16 4	3 7	5 13	22 56	2 7	9 10	1 5	6 14	0 30	11 39	1 23	23 11	1 24	14 40	0 15	1 19	2 7	32 27	15 27	22 23	22 33	7 2		n.a.
S 17	16 23	2s23	5 4	23 9	2 3	9 39	1 3	6 31	0 30	11 36	1 23	23 11	1 24	14 39	0 15	1 19	2 7	32 27	15 28	22 23	22 33	6 59		n.a.
S 18	16 41	7 45	4 36	23 19	1 58	10 8	1 2	6 48	0 29	11 34	1 23	23 10	1 24	14 38	0 15	1 18	2 7	32 28	15 28	22 22	22 32	6 57		n.a.
M19	16 59	12 41	3 50	23 27	1 53	10 37	1 0	7 5	0 29	11 31	1 23	23 9	1 23	14 37	0 15	1 18	2 7	32 28	15 29	22 22	22 32	6 54		n.a.
T 20	17 17	16 51	2 51	23 33	1 46	11 6	0 58	7 22	0 28	11 28	1 24	23 8	1 23	14 36	0 15	1 17	2 7	32 29	15 30	22 21	22 31	6 52		n.a.
W21	17 34	20 0	1 43	23 37	1 38	11 35	0 55	7 40	0 27	11 26	1 24	23 7	1 23	14 36	0 15	1 17	2 7	32 29	15 30	22 21	22 31	6 49		n.a.
T 22	17 51	21 56	0 30	23 38	1 30	12 3	0 53	7 57	0 27	11 24	1 24	23 7	1 23	14 35	0 15	1 16	2 7	32 30	15 31	22 21	22 31	6 47		n.a.
F 23	18 8	22 34	0n43	23 37	1 20	12 30	0 51	8 14	0 26	11 21	1 24	23 6	1 23	14 34	0 15	1 16	2 7	32 30	15 31	22 21	22 30	6 44		n.a.
S 24	18 25	21 59	1 52	23 33	1 9	12 58	0 49	8 30	0 26	11 19	1 25	23 5	1 23	14 33	0 15	1 16	2 7	32 31	15 32	22 21	22 30	6 42		n.a.
S 25	18 41	20 17	2 54	23 26	0 56	13 25	0 47	8 47	0 25	11 17	1 25	23 4	1 23	14 32	0 15	1 15	2 7	32 31	15 32	22 21	22 29	6 39		n.a.
M26	18 57	17 40	3 46	23 17	0 42	13 52	0 45	9 4	0 24	11 14	1 25	23 3	1 23	14 32	0 15	1 15	2 7	32 32	15 33	22 21	22 29	6 37		n.a.
T 27	19 12	14 20	4 27	23 5	0 27	14 19	0 42	9 21	0 24	11 12	1 25	23 2	1 23	14 31	0 15	1 14	2 7	32 32	15 33	22 22	22 28	6 34		n.a.
W28	19 27	10 28	4 56	22 51	0 11	14 45	0 40	9 38	0 23	11 10	1 26	23 1	1 23	14 30	0 15	1 14	2 7	32 33	15 34	22 22	22 28	6 32		n.a.
T 29	19 42	6 13	5 13	22 34	0n 6	15 10	0 38	9 54	0 23	11 8	1 26	23 0	1 23	14 29	0 15	1 14	2 6	32 33	15 34	22 22	22 27	6 29		n.a.
F 30	19s56	1s45	5n16	22s14	0n24	15s36	0n36	10s11	0n22	11n 6	1n26	22s59	1s23	14n28	0s15	1n13	2s 6	32n34	15n35	22s22	22s27	6s27		n.a.

Julian Day Number = 1266260.5, Delta T = 08h21m28s
Ecliptic obliquity = 23°50'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'29, Lahiri = -21°09'28 Julian Calendar 1 Nov. 1247 BCE == Greg. Calendar 21 Oct. 1247 BCE

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ASTRODIENST EPHEMERIS for the year 1247 BCE
geocentric

DECEMBER 1247 BCE (-1246) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 52 36	28♏32'23	25♓28	11°R49	14♏47	27♎35	5♍17	24♑20	8°R54	7°R48	11°R17	10°R13	10♐49	1♓27	n.a.	S 1
S 2	3 56 33	29°33'38	7♈37	11♐14	16° 2	28°18	5°23	24°25	8♉51	7♈47	11♌17	10♐12	10°46	1°34	n.a.	S 2
M 3	4 0 29	0♐34'52	19°59	10°29	17°17	29° 2	5°29	24°30	8°49	7°47	11°17	10°10	10°42	1°41	n.a.	M 3
T 4	4 4 26	1°36'06	2♉37	9°33	18°33	29°46	5°34	24°36	8°47	7°46	11°17	10° 9	10°39	1°47	n.a.	T 4
W 5	4 8 22	2°37'19	15°33	8°28	19°48	0♏29	5°39	24°41	8°44	7°45	11°16	10° 8	10°36	1°54	n.a.	W 5
T 6	4 12 19	3°38'31	28°47	7°16	21° 3	1°13	5°44	24°47	8°42	7°44	11°16	10° 7	10°33	2° 1	n.a.	T 6
F 7	4 16 16	4°39'43	12♊17	6° 0	22°19	1°57	5°49	24°53	8°40	7°43	11°16	10°D 7	10°30	2° 7	n.a.	F 7
S 8	4 20 12	5°40'54	26° 3	4°41	23°34	2°41	5°54	24°58	8°38	7°42	11°15	10° 7	10°26	2°14	n.a.	S 8
S 9	4 24 9	6°42'04	10♋ 0	3°23	24°49	3°25	5°59	25° 4	8°35	7°42	11°15	10° 8	10°23	2°21	n.a.	S 9
M10	4 28 5	7°43'14	24° 7	2° 7	26° 5	4° 8	6° 3	25°10	8°33	7°41	11°14	10° 8	10°20	2°28	n.a.	M10
T 11	4 32 2	8°44'23	8♌18	0°56	27°20	4°52	6° 8	25°16	8°31	7°40	11°14	10° 8	10°17	2°34	n.a.	T 11
W12	4 35 58	9°45'32	22°32	29♏52	28°35	5°36	6°12	25°22	8°29	7°40	11°13	10° 8	10°14	2°41	n.a.	W12
T 13	4 39 55	10°46'40	6♍46	28°55	29°51	6°20	6°16	25°28	8°27	7°39	11°13	10° 8	10°11	2°48	n.a.	T 13
F 14	4 43 51	11°47'47	20°56	28° 7	1♐ 6	7° 4	6°19	25°34	8°25	7°39	11°12	10° 8	10° 7	2°55	n.a.	F 14
S 15	4 47 48	12°48'54	5♎ 1	27°28	2°21	7°48	6°23	25°40	8°23	7°38	11°11	10° 9	10° 4	3° 1	n.a.	S 15
S 16	4 51 45	13°50'00	18°58	26°58	3°36	8°32	6°26	25°46	8°21	7°38	11°11	10° 9	10° 1	3° 8	n.a.	S 16
M17	4 55 41	14°51'05	2♏47	26°37	4°52	9°16	6°30	25°52	8°19	7°37	11°10	10° 9	9°58	3°15	n.a.	M17
T 18	4 59 38	15°52'10	16°26	26°25	6° 7	10° 1	6°33	25°59	8°17	7°37	11° 9	10°10	9°55	3°21	n.a.	T 18
W19	5 3 34	16°53'13	29°52	26°D21	7°22	10°45	6°35	26° 5	8°15	7°36	11° 9	10°10	9°52	3°28	n.a.	W19
T 20	5 7 31	17°54'16	13♐ 5	26°25	8°37	11°29	6°38	26°11	8°13	7°36	11° 8	10°R10	9°48	3°35	n.a.	T 20
F 21	5 11 27	18°55'17	26° 3	26°37	9°53	12°13	6°41	26°18	8°12	7°36	11° 7	10°10	9°45	3°42	n.a.	F 21
S 22	5 15 24	19°56'18	8♑46	26°55	11° 8	12°58	6°43	26°24	8°10	7°35	11° 6	10° 9	9°42	3°48	n.a.	S 22
S 23	5 19 21	20°57'17	21°14	27°20	12°23	13°42	6°45	26°31	8° 8	7°35	11° 5	10° 8	9°39	3°55	n.a.	S 23
M24	5 23 17	21°58'14	3♒30	27°50	13°38	14°26	6°47	26°37	8° 6	7°35	11° 4	10° 6	9°36	4° 2	n.a.	M24
T 25	5 27 14	22°59'10	15°35	28°26	14°53	15°11	6°49	26°44	8° 5	7°35	11° 3	10° 4	9°32	4° 9	n.a.	T 25
W26	5 31 10	24° 0'05	27°31	29° 6	16° 9	15°55	6°50	26°51	8° 3	7°35	11° 2	10° 2	9°29	4°15	n.a.	W26
T 27	5 35 7	25° 0'57	9♓24	29°50	17°24	16°39	6°52	26°57	8° 2	7°35	11° 1	10° 1	9°26	4°22	n.a.	T 27
F 28	5 39 3	26° 1'49	21°16	0♐39	18°39	17°24	6°53	27° 4	8° 0	7°34	11° 0	10°D 0	9°23	4°29	n.a.	F 28
S 29	5 43 0	27° 2'38	3♈14	1°31	19°54	18° 8	6°54	27°11	7°59	7°34	10°59	10° 0	9°20	4°35	n.a.	S 29
S 30	5 46 56	28° 3'26	15°21	2°26	21° 9	18°53	6°55	27°18	7°57	7°D34	10°58	10° 1	9°17	4°42	n.a.	S 30
M31	5 50 53	29♐ 4'12	27♈42	3♐25	22♐24	19♏37	6♍55	27♑25	7♉56	7♈34	10♌57	10♐ 2	9♐13	4♓49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s10	2n50	5n 5	21s52	0n44	16s 1	0n33	10s27	0n21	11n 4	1n26	22s58	1s23	14n28	0s15	1n13	2s 6	32n34	15n36	22s21	22s27	6s24		n.a.
S 2	20 24	7 22	4 41	21 28	1 3	16 25	0 31	10 44	0 21	11 2	1 27	22 57	1 23	14 27	0 15	1 13	2 6	32 35	15 36	22 21	22 26	6 21		n.a.
M 3	20 37	11 41	4 3	21 2	1 23	16 49	0 29	11 0	0 20	11 0	1 27	22 56	1 23	14 26	0 15	1 12	2 6	32 36	15 37	22 21	22 26	6 19		n.a.
T 4	20 50	15 36	3 13	20 34	1 42	17 13	0 26	11 16	0 19	10 58	1 27	22 55	1 23	14 25	0 15	1 12	2 6	32 36	15 37	22 21	22 25	6 16		n.a.
W 5	21 2	18 52	2 12	20 5	2 1	17 36	0 24	11 33	0 19	10 57	1 28	22 54	1 23	14 25	0 15	1 12	2 6	32 37	15 38	22 21	22 25	6 14		n.a.
T 6	21 14	21 14	1 2	19 36	2 19	17 59	0 21	11 49	0 18	10 55	1 28	22 53	1 23	14 24	0 15	1 12	2 6	32 37	15 38	22 21	22 24	6 11		n.a.
F 7	21 26	22 27	0s12	19 7	2 35	18 21	0 19	12 5	0 17	10 54	1 28	22 52	1 23	14 23	0 15	1 11	2 6	32 38	15 39	22 20	22 24	6 9		n.a.
S 8	21 37	22 20	1 27	18 39	2 50	18 43	0 17	12 21	0 17	10 52	1 29	22 51	1 23	14 23	0 15	1 11	2 6	32 39	15 39	22 21	22 23	6 6		n.a.
S 9	21 48	20 50	2 38	18 13	3 2	19 4	0 14	12 37	0 16	10 51	1 29	22 50	1 23	14 22	0 15	1 11	2 6	32 39	15 40	22 21	22 23	6 4		n.a.
M10	21 58	18 2	3 41	17 48	3 12	19 25	0 12	12 52	0 15	10 49	1 29	22 49	1 22	14 21	0 15	1 11	2 6	32 40	15 40	22 21	22 22	6 1		n.a.
T 11	22 8	14 9	4 30	17 27	3 19	19 45	0 9	13 8	0 15	10 48	1 29	22 48	1 22	14 20	0 15	1 10	2 6	32 41	15 41	22 21	22 22	5 59		n.a.
W12	22 17	9 28	5 2	17 8	3 24	20 4	0 7	13 23	0 14	10 47	1 30	22 46	1 22	14 20	0 15	1 10	2 6	32 41	15 41	22 21	22 21	5 56		n.a.
T 13	22 26	4 17	5 17	16 53	3 27	20 23	0 4	13 39	0 13	10 45	1 30	22 45	1 22	14 19	0 15	1 10	2 6	32 42	15 42	22 21	22 21	5 54		n.a.
F 14	22 35	1s 6	5 12	16 42	3 27	20 41	0 2	13 54	0 13	10 44	1 30	22 44	1 22	14 19	0 15	1 10	2 6	32 42	15 42	22 21	22 20	5 51		n.a.
S 15	22 43	6 25	4 48	16 35	3 26	20 59	0s 0	14 9	0 12	10 43	1 31	22 43	1 22	14 18	0 15	1 10	2 5	32 43	15 43	22 21	22 20	5 49		n.a.
S 16	22 51	11 21	4 7	16 31	3 23	21 16	0 3	14 25	0 11	10 42	1 31	22 42	1 22	14 17	0 15	1 10	2 5	32 44	15 43	22 21	22 20	5 46		n.a.
M17	22 58	15 39	3 13	16 30	3 19	21 33	0 5	14 40	0 10	10 41	1 31	22 40	1 22	14 17	0 15	1 10	2 5	32 45	15 44	22 21	22 19	5 44		n.a.
T 18	23 5	19 4	2 8	16 33	3 13	21 49	0 8	14 54	0 10	10 40	1 32	22 39	1 22	14 16	0 15	1 9	2 5	32 45	15 44	22 21	22 19	5 41		n.a.
W19	23 11	21 23	0 57	16 38	3 7	22 4	0 10	15 9	0 9	10 40	1 32	22 38	1 22	14 15	0 15	1 9	2 5	32 46	15 45	22 21	22 18	5 38		n.a.
T 20	23 17	22 29	0n16	16 46	2 59	22 19	0 12	15 24	0 8	10 39	1 32	22 37	1 22	14 15	0 15	1 9	2 5	32 47	15 45	22 21	22 18	5 36		n.a.
F 21	23 22	22 20	1 27	16 57	2 51	22 33	0 15	15 38	0 8	10 38	1 32	22 35	1 22	14 14	0 15	1 9	2 5	32 47	15 46	22 21	22 17	5 33		n.a.
S 22	23 27	21 1	2 32	17 10	2 43	22 46	0 17	15 53	0 7	10 38	1 33	22 34	1 22	14 14	0 15	1 9	2 5	32 48	15 46	22 21	22 17	5 31		n.a.
S 23	23 32	18 42	3 28	17 24	2 34	22 59	0 19	16 7	0 6	10 37	1 33	22 33	1 22	14 13	0 15	1 9	2 5	32 49	15 47	22 21	22 16	5 28		n.a.
M24	23 36	15 35	4 14	17 40	2 24	23 11	0 22	16 21	0 5	10 37	1 33	22 32	1 22	14 13	0 15	1 9	2 5	32 49	15 47	22 20	22 16	5 26		n.a.
T 25	23 39	11 51	4 48	17 57	2 15	23 22	0 24	16 35	0 5	10 36	1 34	22 30	1 22	14 12	0 15	1 9	2 5	32 50	15 47	22 20	22 15	5 23		n.a.
W26	23 42	7 43	5 8	18 16	2 5	23 33	0 26	16 49	0 4	10 36	1 34	22 29	1 22	14 12	0 15	1 9	2 5	32 51	15 48	22 20	22 15	5 21		n.a.
T 27	23 45	3 18	5 16	18 35	1 55	23 42	0 29	17 3	0 3	10 36	1 34	22 28	1 22	14 11	0 15	1 9	2 5	32 51	15 48	22 20	22 14	5 18		n.a.
F 28	23 47	1n13	5 10	18 55	1 45	23 51	0 31	17 16	0 2	10 36	1 35	22 26	1 22	14 11	0 15	1 9	2 5	32 52	15 49	22 19	22 14	5 16		n.a.
S 29	23 48	5 44	4 50	19 15	1 35	24 0	0 33	17 30	0 2	10 35	1 35	22 25	1 22	14 10	0 15	1 9	2 4	32 53	15 49	22 19	22 13	5 13		n.a.
S 30	23 50	10 6	4 18	19 36	1 25	24 7	0 35	17 43	0 1	10 35	1 35	22 24	1 22	14 10	0 15	1 9	2 4	32 54	15 50	22 20	22 13	5 11		n.a.
M31	23s50	14n 8	3n33	19s57	1n15	24s14	0s37	17s56	0n 0	10n35	1n36	22s22	1s22	14n 9	0s15	1n 9	2s 4	32n54	15n50	22s20	22s12	5s 8		n.a.

Julian Day Number = 1266290.5, Delta T = 08h21m26s
Ecliptic obliquity = 23°50'30, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'24, Lahiri = -21°09'24 Julian Calendar 1 Dec. 1247 BCE == Greg. Calendar 20 Nov. 1247 BCE

The year -1246 astronomical counting style corresponds to year 1247 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1246 BCE
geocentric

JANUARY 1246 BCE (-1245) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 54 50	0♉ 4'56	10♉22	4♐26	23♐39	20♏22	6♍56	27♉32	7°R55	7♈34	10°R56	10♐ 4	9♐10	4♓56	n.a.	T 1
W 2	5 58 46	1° 5'39	23°23	5°30	24°54	21° 6	6°56	27°39	7♉53	7°35	10♌55	10° 5	9° 7	5° 2	n.a.	W 2
T 3	6 2 43	2° 6'19	6♊47	6°36	26° 9	21°51	6°R56	27°46	7°52	7°35	10°54	10°R 6	9° 4	5° 9	n.a.	T 3
F 4	6 6 39	3° 6'59	20°35	7°44	27°24	22°36	6°56	27°53	7°51	7°35	10°53	10° 6	9° 1	5°16	n.a.	F 4
S 5	6 10 36	4° 7'36	4♋44	8°54	28°39	23°20	6°56	28° 0	7°50	7°35	10°52	10° 4	8°58	5°23	n.a.	S 5
S 6	6 14 32	5° 8'12	19° 9	10° 6	29°54	24° 5	6°55	28° 7	7°49	7°35	10°50	10° 2	8°54	5°29	n.a.	S 6
M 7	6 18 29	6° 8'46	3♌46	11°20	1♉ 9	24°50	6°54	28°14	7°48	7°36	10°49	9°58	8°51	5°36	n.a.	M 7
T 8	6 22 25	7° 9'19	18°27	12°35	2°24	25°35	6°53	28°21	7°47	7°36	10°48	9°54	8°48	5°43	n.a.	T 8
W 9	6 26 22	8° 9'50	3♍ 5	13°52	3°39	26°19	6°52	28°28	7°46	7°36	10°47	9°50	8°45	5°49	n.a.	W 9
T 10	6 30 19	9°10'19	17°35	15°11	4°54	27° 4	6°51	28°36	7°45	7°37	10°45	9°48	8°42	5°56	n.a.	T 10
F 11	6 34 15	10°10'47	1♎51	16°31	6° 9	27°49	6°50	28°43	7°44	7°37	10°44	9°46	8°38	6° 3	n.a.	F 11
S 12	6 38 12	11°11'14	15°52	17°52	7°24	28°34	6°48	28°50	7°43	7°37	10°43	9°D46	8°35	6°10	n.a.	S 12
S 13	6 42 8	12°11'39	29°37	19°15	8°39	29°19	6°46	28°57	7°43	7°38	10°41	9°47	8°32	6°16	n.a.	S 13
M14	6 46 5	13°12'03	13♏ 6	20°38	9°54	0♐ 4	6°44	29° 5	7°42	7°38	10°40	9°48	8°29	6°23	n.a.	M14
T 15	6 50 1	14°12'25	26°21	22° 3	11° 9	0°49	6°42	29°12	7°41	7°39	10°38	9°50	8°26	6°30	n.a.	T 15
W16	6 53 58	15°12'45	9♐22	23°30	12°24	1°34	6°39	29°19	7°41	7°39	10°37	9°R51	8°23	6°36	n.a.	W16
T 17	6 57 54	16°13'04	22°11	24°57	13°39	2°19	6°37	29°27	7°40	7°40	10°36	9°50	8°19	6°43	n.a.	T 17
F 18	7 1 51	17°13'21	4♑49	26°25	14°53	3° 4	6°34	29°34	7°40	7°41	10°34	9°47	8°16	6°50	n.a.	F 18
S 19	7 5 48	18°13'36	17°16	27°55	16° 8	3°49	6°31	29°41	7°39	7°41	10°33	9°43	8°13	6°57	n.a.	S 19
S 20	7 9 44	19°13'49	29°33	29°25	17°23	4°34	6°28	29°49	7°39	7°42	10°31	9°36	8°10	7° 3	n.a.	S 20
M21	7 13 41	20°14'00	11♒42	0♑57	18°38	5°19	6°25	29°56	7°39	7°43	10°30	9°29	8° 7	7°10	n.a.	M21
T 22	7 17 37	21°14'08	23°43	2°30	19°53	6° 4	6°21	0♒ 4	7°39	7°44	10°28	9°20	8° 4	7°17	n.a.	T 22
W23	7 21 34	22°14'15	5♓38	4° 4	21° 8	6°49	6°18	0°11	7°38	7°44	10°27	9°13	8° 0	7°24	n.a.	W23
T 24	7 25 30	23°14'19	17°30	5°39	22°22	7°34	6°14	0°19	7°38	7°45	10°25	9° 6	7°57	7°30	n.a.	T 24
F 25	7 29 27	24°14'22	29°21	7°15	23°37	8°19	6°10	0°26	7°38	7°46	10°24	9° 1	7°54	7°37	n.a.	F 25
S 26	7 33 23	25°14'21	11♈17	8°52	24°52	9° 4	6° 6	0°34	7°D38	7°47	10°22	8°57	7°51	7°44	n.a.	S 26
S 27	7 37 20	26°14'19	23°20	10°30	26° 6	9°50	6° 1	0°41	7°38	7°48	10°21	8°D56	7°48	7°50	n.a.	S 27
M28	7 41 17	27°14'14	5♉37	12° 9	27°21	10°35	5°57	0°49	7°38	7°49	10°19	8°56	7°44	7°57	n.a.	M28
T 29	7 45 13	28°14'07	18°12	13°50	28°36	11°20	5°52	0°56	7°38	7°50	10°17	8°58	7°41	8° 4	n.a.	T 29
W30	7 49 10	29°13'58	1♊10	15°31	29°51	12° 5	5°47	1° 4	7°38	7°51	10°16	8°59	7°38	8°11	n.a.	W30
T 31	7 53 6	0♒13'46	14♊35	17♉14	1♒ 5	12♐50	5♍42	1♒11	7♉39	7♈52	10♌14	8°R59	7♐35	8♓17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23s50	17n39	2n37	20s19	1n 6	24s21	0s39	18s 9	0s 1	10n36	1n36	22s21	1s22	14n 9	0s15	1n 9	2s 4	32n55	15n50	22s20	22s12	5s 6			n.a.
W 2	23 50	20 24	1 31	20 40	0 56	24 26	0 41	18 22	0 1	10 36	1 36	22 19	1 22	14 9	0 15	1 10	2 4	32 56	15 51	22 20	22 11	5 3			n.a.
T 3	23 49	22 6	0 18	21 1	0 47	24 31	0 43	18 34	0 2	10 36	1 37	22 18	1 22	14 8	0 15	1 10	2 4	32 56	15 51	22 20	22 11	5 1			n.a.
F 4	23 48	22 33	0s57	21 21	0 37	24 34	0 45	18 47	0 3	10 36	1 37	22 17	1 22	14 8	0 15	1 10	2 4	32 57	15 52	22 20	22 10	4 58			n.a.
S 5	23 47	21 34	2 11	21 42	0 28	24 38	0 47	18 59	0 4	10 37	1 37	22 15	1 22	14 7	0 15	1 10	2 4	32 58	15 52	22 20	22 10	4 56			n.a.
S 6	23 44	19 11	3 18	22 2	0 19	24 40	0 49	19 11	0 5	10 37	1 37	22 14	1 22	14 7	0 15	1 10	2 4	32 59	15 52	22 20	22 9	4 53			n.a.
M 7	23 42	15 32	4 13	22 21	0 10	24 41	0 51	19 23	0 5	10 38	1 38	22 12	1 22	14 7	0 15	1 10	2 4	32 59	15 53	22 19	22 9	4 51			n.a.
T 8	23 39	10 56	4 52	22 40	0 2	24 42	0 53	19 35	0 6	10 38	1 38	22 11	1 22	14 6	0 15	1 10	2 4	33 0	15 53	22 19	22 8	4 48			n.a.
W 9	23 35	5 43	5 11	22 58	0s 7	24 42	0 55	19 46	0 7	10 39	1 38	22 9	1 22	14 6	0 15	1 11	2 4	33 1	15 53	22 18	22 8	4 45			n.a.
T 10	23 31	0 14	5 10	23 15	0 15	24 42	0 57	19 58	0 8	10 40	1 39	22 8	1 22	14 6	0 15	1 11	2 4	33 1	15 54	22 18	22 7	4 43			n.a.
F 11	23 27	5s10	4 50	23 32	0 23	24 40	0 58	20 9	0 9	10 41	1 39	22 6	1 22	14 6	0 15	1 11	2 4	33 2	15 54	22 17	22 7	4 40			n.a.
S 12	23 22	10 14	4 13	23 47	0 31	24 38	1 0	20 20	0 10	10 42	1 39	22 5	1 22	14 5	0 14	1 11	2 3	33 3	15 54	22 17	22 6	4 38			n.a.
S 13	23 16	14 40	3 22	24 2	0 38	24 35	1 2	20 31	0 10	10 43	1 40	22 3	1 22	14 5	0 14	1 12	2 3	33 4	15 55	22 17	22 6	4 35			n.a.
M14	23 10	18 16	2 21	24 16	0 45	24 31	1 3	20 41	0 11	10 44	1 40	22 2	1 22	14 5	0 14	1 12	2 3	33 4	15 55	22 18	22 5	4 33			n.a.
T 15	23 4	20 51	1 13	24 28	0 52	24 26	1 5	20 52	0 12	10 45	1 40	22 0	1 22	14 5	0 14	1 12	2 3	33 5	15 55	22 18	22 5	4 30			n.a.
W16	22 57	22 16	0 3	24 40	0 59	24 21	1 6	21 2	0 13	10 46	1 40	21 59	1 22	14 5	0 14	1 12	2 3	33 6	15 56	22 18	22 4	4 28			n.a.
T 17	22 50	22 30	1n 7	24 50	1 6	24 15	1 8	21 12	0 14	10 47	1 41	21 57	1 22	14 5	0 14	1 13	2 3	33 6	15 56	22 18	22 4	4 25			n.a.
F 18	22 43	21 34	2 12	24 59	1 12	24 8	1 9	21 22	0 15	10 49	1 41	21 56	1 23	14 4	0 14	1 13	2 3	33 7	15 56	22 17	22 3	4 23			n.a.
S 19	22 35	19 35	3 9	25 7	1 18	24 1	1 10	21 31	0 15	10 50	1 41	21 54	1 23	14 4	0 14	1 13	2 3	33 8	15 56	22 17	22 3	4 20			n.a.
S 20	22 26	16 43	3 57	25 14	1 23	23 53	1 12	21 41	0 16	10 51	1 42	21 52	1 23	14 4	0 14	1 14	2 3	33 8	15 57	22 16	22 2	4 18			n.a.
M21	22 17	13 11	4 33	25 19	1 28	23 44	1 13	21 50	0 17	10 53	1 42	21 51	1 23	14 4	0 14	1 14	2 3	33 9	15 57	22 15	22 2	4 15			n.a.
T 22	22 8	9 10	4 57	25 22	1 33	23 34	1 14	21 59	0 18	10 54	1 42	21 49	1 23	14 4	0 14	1 14	2 3	33 10	15 57	22 13	22 1	4 13			n.a.
W23	21 58	4 50	5 8	25 25	1 38	23 23	1 15	22 7	0 19	10 56	1 42	21 48	1 23	14 4	0 14	1 15	2 3	33 11	15 57	22 12	22 1	4 10			n.a.
T 24	21 48	0 21	5 5	25 25	1 42	23 12	1 16	22 16	0 20	10 58	1 43	21 46	1 23	14 4	0 14	1 15	2 3	33 11	15 58	22 11	22 0	4 8			n.a.
F 25	21 38	4n 9	4 49	25 24	1 46	23 0	1 17	22 24	0 21	11 0	1 43	21 45	1 23	14 4	0 14	1 16	2 3	33 12	15 58	22 10	22 0	4 5			n.a.
S 26	21 27	8 31	4 21	25 22	1 50	22 48	1 18	22 32	0 21	11 1	1 43	21 43	1 23	14 4	0 14	1 16	2 2	33 13	15 58	22 10	21 59	4 3			n.a.
S 27	21 15	12 37	3 41	25 18	1 53	22 35	1 19	22 40	0 22	11 3	1 43	21 41	1 23	14 4	0 14	1 17	2 2	33 13	15 58	22 10	21 59	4 0			n.a.
M28	21 4	16 17	2 50	25 12	1 56	22 21	1 20	22 48	0 23	11 5	1 44	21 40	1 23	14 4	0 14	1 17	2 2	33 14	15 58	22 10	21 58	3 58			n.a.
T 29	20 52	19 17	1 50	25 4	1 58	22 6	1 21	22 55	0 24	11 7	1 44	21 38	1 23	14 4	0 14	1 17	2 2	33 14	15 59	22 10	21 58	3 55			n.a.
W30	20 39	21 25	0 42	24 54	2 0	21 51	1 21	23 2	0 25	11 9	1 44	21 37	1 23	14 4	0 14	1 18	2 2	33 15	15 59	22 10	21 57	3 53			n.a.
T 31	20s26	22n26	0s30	24s43	2s 2	21s35	1s22	23s 9	0s26	11n11	1n44	21s35	1s23	14n 4	0s14	1n18	2s 2	33n16	15n59	22s10	21s56	3s50			n.a.

Julian Day Number = 1266321.5, Delta T = 08h21m25s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'20, Lahiri = -21°09'20 Julian Calendar 1 Jan. 1246 BCE == Greg. Calendar 21 Dec. 1247 BCE

The year -1245 astronomical counting style corresponds to year 1246 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1246 BCE
geocentric

FEBRUARY 1246 BCE (-1245) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 57 3	1♒13'32	28♊27	18♉58	2♒20	13♐36	5°R37	1♒19	7♉39	7♈53	10°R13	8°R57	7♐32	8♓24	n.a.	F 1
S 2	8 0 59	2°13'15	12♋47	20°43	3°34	14°21	5♍32	1°26	7°39	7°54	10♌11	8♐53	7°29	8°31	n.a.	S 2
S 3	8 4 56	3°12'57	27°30	22°29	4°49	15° 6	5°27	1°34	7°40	7°55	10° 9	8°47	7°25	8°38	n.a.	S 3
M 4	8 8 52	4°12'36	12♌29	24°16	6° 4	15°52	5°21	1°41	7°40	7°57	10° 8	8°39	7°22	8°44	n.a.	M 4
T 5	8 12 49	5°12'13	27°36	26° 5	7°18	16°37	5°15	1°49	7°41	7°58	10° 6	8°30	7°19	8°51	n.a.	T 5
W 6	8 16 45	6°11'47	12♍40	27°55	8°33	17°22	5° 9	1°56	7°41	7°59	10° 5	8°22	7°16	8°58	n.a.	W 6
T 7	8 20 42	7°11'20	27°32	29°46	9°47	18° 8	5° 4	2° 4	7°42	8° 0	10° 3	8°14	7°13	9° 4	n.a.	T 7
F 8	8 24 39	8°10'51	12♎ 4	1♒38	11° 2	18°53	4°57	2°11	7°42	8° 2	10° 1	8° 9	7° 9	9°11	n.a.	F 8
S 9	8 28 35	9°10'20	26°14	3°31	12°16	19°38	4°51	2°19	7°43	8° 3	10° 0	8° 7	7° 6	9°18	n.a.	S 9
S 10	8 32 32	10° 9'48	10♏ 0	5°26	13°31	20°24	4°45	2°26	7°44	8° 4	9°58	8°D 6	7° 3	9°25	n.a.	S 10
M11	8 36 28	11° 9'13	23°23	7°22	14°45	21° 9	4°39	2°34	7°45	8° 6	9°57	8° 6	7° 0	9°31	n.a.	M11
T 12	8 40 25	12° 8'36	6♐25	9°19	16° 0	21°54	4°32	2°41	7°45	8° 7	9°55	8°R 7	6°57	9°38	n.a.	T 12
W13	8 44 21	13° 7'58	19°11	11°17	17°14	22°40	4°25	2°48	7°46	8° 9	9°53	8° 6	6°54	9°45	n.a.	W13
T 14	8 48 18	14° 7'18	1♑44	13°16	18°29	23°25	4°19	2°56	7°47	8°10	9°52	8° 4	6°50	9°52	n.a.	T 14
F 15	8 52 14	15° 6'35	14° 5	15°16	19°43	24°11	4°12	3° 3	7°48	8°12	9°50	7°58	6°47	9°58	n.a.	F 15
S 16	8 56 11	16° 5'51	26°18	17°17	20°57	24°56	4° 5	3°11	7°49	8°13	9°48	7°50	6°44	10° 5	n.a.	S 16
S 17	9 0 8	17° 5'04	8♒23	19°18	22°12	25°42	3°58	3°18	7°51	8°15	9°47	7°40	6°41	10°12	n.a.	S 17
M18	9 4 4	18° 4'16	20°23	21°21	23°26	26°27	3°51	3°25	7°52	8°16	9°45	7°27	6°38	10°18	n.a.	M18
T 19	9 8 1	19° 3'25	2♓19	23°23	24°40	27°13	3°44	3°33	7°53	8°18	9°44	7°13	6°35	10°25	n.a.	T 19
W20	9 11 57	20° 2'31	14°12	25°26	25°55	27°58	3°36	3°40	7°54	8°19	9°42	7° 0	6°31	10°32	n.a.	W20
T 21	9 15 54	21° 1'36	26° 3	27°29	27° 9	28°43	3°29	3°47	7°56	8°21	9°40	6°48	6°28	10°39	n.a.	T 21
F 22	9 19 50	22° 0'38	7♈55	29°32	28°23	29°29	3°22	3°55	7°57	8°23	9°39	6°38	6°25	10°45	n.a.	F 22
S 23	9 23 47	22°59'38	19°51	1♓34	29°38	0♉14	3°14	4° 2	7°58	8°24	9°37	6°31	6°22	10°52	n.a.	S 23
S 24	9 27 43	23°58'35	1♉53	3°36	0♓52	1° 0	3° 7	4° 9	8° 0	8°26	9°36	6°27	6°19	10°59	n.a.	S 24
M25	9 31 40	24°57'30	14° 8	5°36	2° 6	1°45	2°59	4°16	8° 1	8°28	9°34	6°25	6°15	11° 5	n.a.	M25
T 26	9 35 36	25°56'23	26°39	7°35	3°20	2°31	2°52	4°24	8° 3	8°29	9°33	6°D25	6°12	11°12	n.a.	T 26
W27	9 39 33	26°55'13	9♊31	9°31	4°35	3°16	2°44	4°31	8° 4	8°31	9°31	6°R25	6° 9	11°19	n.a.	W27
T 28	9 43 30	27♒54'01	22♊49	11♓26	5♓49	4♉ 2	2♍36	4♒38	8♉ 6	8♈33	9♌30	6♐24	6♐ 6	11♓26	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s13	22n 7	1s43	24s30	2s 3	21s19	1s23	23s15	0s27	11n13	1n45	21s33	1s23	14n 4	0s14	1n19	2s 2	33n16	15n59	22s10	21s56	3s48		n.a.
S 2	20 0	20 23	2 51	24 15	2 4	21 2	1 23	23 22	0 28	11 16	1 45	21 32	1 23	14 4	0 14	1 19	2 2	33 17	15 59	22 9	21 55	3 45		n.a.
S 3	19 46	17 15	3 50	23 58	2 4	20 44	1 24	23 28	0 29	11 18	1 45	21 30	1 23	14 5	0 14	1 20	2 2	33 18	15 59	22 8	21 55	3 43		n.a.
M 4	19 32	12 58	4 34	23 39	2 4	20 26	1 24	23 34	0 29	11 20	1 45	21 28	1 23	14 5	0 14	1 20	2 2	33 18	15 59	22 7	21 54	3 40		n.a.
T 5	19 17	7 50	4 59	23 18	2 3	20 7	1 24	23 40	0 30	11 22	1 46	21 27	1 24	14 5	0 14	1 21	2 2	33 19	16 0	22 5	21 54	3 38		n.a.
W 6	19 2	2 15	5 4	22 55	2 2	19 47	1 25	23 45	0 31	11 25	1 46	21 25	1 24	14 5	0 14	1 22	2 2	33 19	16 0	22 4	21 53	3 35		n.a.
T 7	18 47	3s24	4 48	22 30	2 0	19 27	1 25	23 50	0 32	11 27	1 46	21 23	1 24	14 5	0 14	1 22	2 2	33 20	16 0	22 3	21 53	3 33		n.a.
F 8	18 32	8 44	4 13	22 3	1 58	19 7	1 25	23 55	0 33	11 30	1 46	21 22	1 24	14 6	0 14	1 23	2 2	33 20	16 0	22 2	21 52	3 30		n.a.
S 9	18 16	13 27	3 24	21 34	1 55	18 46	1 25	24 0	0 34	11 32	1 46	21 20	1 24	14 6	0 14	1 23	2 2	33 21	16 0	22 2	21 52	3 28		n.a.
S 10	18 0	17 20	2 24	21 2	1 52	18 24	1 25	24 4	0 35	11 35	1 47	21 18	1 24	14 6	0 14	1 24	2 2	33 22	16 0	22 2	21 51	3 25		n.a.
M11	17 43	20 11	1 18	20 29	1 48	18 2	1 25	24 8	0 36	11 37	1 47	21 17	1 24	14 6	0 14	1 25	2 1	33 22	16 0	22 2	21 51	3 23		n.a.
T 12	17 26	21 54	0 9	19 54	1 44	17 40	1 25	24 12	0 37	11 40	1 47	21 15	1 24	14 7	0 14	1 25	2 1	33 23	16 0	22 2	21 50	3 20		n.a.
W13	17 9	22 25	0n59	19 16	1 39	17 16	1 25	24 16	0 38	11 42	1 47	21 13	1 24	14 7	0 14	1 26	2 1	33 23	16 0	22 2	21 50	3 18		n.a.
T 14	16 52	21 48	2 2	18 37	1 33	16 53	1 25	24 19	0 39	11 45	1 47	21 12	1 24	14 7	0 14	1 26	2 1	33 24	16 0	22 1	21 49	3 15		n.a.
F 15	16 34	20 7	2 59	17 55	1 27	16 29	1 24	24 22	0 40	11 48	1 47	21 10	1 24	14 8	0 14	1 27	2 1	33 24	16 0	22 0	21 48	3 13		n.a.
S 16	16 17	17 33	3 46	17 12	1 21	16 5	1 24	24 25	0 40	11 50	1 48	21 8	1 24	14 8	0 14	1 28	2 1	33 25	16 0	21 59	21 48	3 10		n.a.
S 17	15 59	14 14	4 23	16 26	1 13	15 40	1 24	24 28	0 41	11 53	1 48	21 7	1 25	14 9	0 14	1 28	2 1	33 25	16 0	21 57	21 47	3 8		n.a.
M18	15 40	10 23	4 48	15 39	1 5	15 14	1 23	24 30	0 42	11 56	1 48	21 5	1 25	14 9	0 14	1 29	2 1	33 26	16 0	21 55	21 47	3 5		n.a.
T 19	15 22	6 10	5 0	14 51	0 57	14 49	1 23	24 32	0 43	11 59	1 48	21 3	1 25	14 9	0 14	1 30	2 1	33 26	16 0	21 53	21 46	3 3		n.a.
W20	15 3	1 44	4 59	14 0	0 48	14 23	1 22	24 34	0 44	12 2	1 48	21 2	1 25	14 10	0 14	1 30	2 1	33 26	16 0	21 51	21 46	3 0		n.a.
T 21	14 44	2n44	4 44	13 9	0 38	13 56	1 21	24 35	0 45	12 4	1 48	21 0	1 25	14 10	0 14	1 31	2 1	33 27	16 0	21 49	21 45	2 58		n.a.
F 22	14 24	7 8	4 18	12 16	0 28	13 29	1 21	24 37	0 46	12 7	1 48	20 59	1 25	14 11	0 14	1 32	2 1	33 27	16 0	21 47	21 45	2 55		n.a.
S 23	14 5	11 16	3 40	11 22	0 18	13 2	1 20	24 37	0 47	12 10	1 48	20 57	1 25	14 11	0 14	1 33	2 1	33 28	16 0	21 46	21 44	2 53		n.a.
S 24	13 45	15 1	2 52	10 28	0 7	12 35	1 19	24 38	0 48	12 13	1 48	20 55	1 25	14 12	0 14	1 33	2 1	33 28	16 0	21 45	21 43	2 50		n.a.
M25	13 25	18 10	1 55	9 33	0n 4	12 7	1 18	24 39	0 49	12 16	1 49	20 54	1 25	14 12	0 14	1 34	2 1	33 29	16 0	21 45	21 43	2 48		n.a.
T 26	13 5	20 34	0 52	8 38	0 16	11 39	1 17	24 39	0 50	12 19	1 49	20 52	1 25	14 13	0 14	1 35	2 1	33 29	16 0	21 45	21 42	2 45		n.a.
W27	12 45	21 59	0s16	7 42	0 28	11 10	1 16	24 39	0 51	12 21	1 49	20 50	1 26	14 13	0 14	1 35	2 1	33 29	16 0	21 45	21 42	2 43		n.a.
T 28	12s24	22n13	1s26	6s47	0n39	10s42	1s15	24s38	0s52	12n24	1n49	20s49	1s26	14n14	0s13	1n36	2s 1	33n30	16n 0	21s44	21s41	2s40		n.a.

Julian Day Number = 1266352.5, Delta T = 08h21m23s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'16, Lahiri = -21°09'16 Julian Calendar 1 Feb. 1246 BCE == Greg. Calendar 21 Jan. 1246 BCE

The year -1245 astronomical counting style corresponds to year 1246 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1246 BCE
geocentric

MARCH 1246 BCE (-1245) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 47 26	28♒52'46	6♋36	13♓18	7♓ 3	4♑47	2°R29	4♒45	8♉ 8	8♈35	9°R28	6°R22	6♐ 3	11♓32	n.a.	F 1
S 2	9 51 23	29°51'29	20°52	15° 6	8°17	5°32	2♍21	4°52	8°10	8°37	9♌27	6♐16	6° 0	11°39	n.a.	S 2
S 3	9 55 19	0♓50'10	5♌37	16°52	9°31	6°18	2°13	4°59	8°11	8°38	9°25	6° 9	5°56	11°46	n.a.	S 3
M 4	9 59 16	1°48'48	20°43	18°34	10°45	7° 3	2° 6	5° 6	8°13	8°40	9°24	5°59	5°53	11°53	n.a.	M 4
T 5	10 3 12	2°47'24	6♍ 1	20°11	11°59	7°49	1°58	5°13	8°15	8°42	9°22	5°48	5°50	11°59	n.a.	T 5
W 6	10 7 9	3°45'58	21°20	21°45	13°13	8°34	1°50	5°20	8°17	8°44	9°21	5°37	5°47	12° 6	n.a.	W 6
T 7	10 11 5	4°44'31	6♎29	23°14	14°27	9°19	1°43	5°27	8°19	8°46	9°19	5°28	5°44	12°13	n.a.	T 7
F 8	10 15 2	5°43'01	21°18	24°38	15°41	10° 5	1°35	5°34	8°21	8°48	9°18	5°21	5°41	12°19	n.a.	F 8
S 9	10 18 58	6°41'29	5♏42	25°58	16°55	10°50	1°27	5°41	8°23	8°50	9°16	5°16	5°37	12°26	n.a.	S 9
S 10	10 22 55	7°39'56	19°37	27°12	18° 9	11°36	1°20	5°47	8°25	8°52	9°15	5°14	5°34	12°33	n.a.	S 10
M11	10 26 52	8°38'21	3♐ 4	28°22	19°23	12°21	1°12	5°54	8°27	8°54	9°14	5°14	5°31	12°40	n.a.	M11
T 12	10 30 48	9°36'44	16° 6	29°26	20°37	13° 6	1° 4	6° 1	8°29	8°56	9°12	5°14	5°28	12°46	n.a.	T 12
W13	10 34 45	10°35'06	28°48	0♈24	21°51	13°52	0°57	6° 7	8°32	8°58	9°11	5°13	5°25	12°53	n.a.	W13
T 14	10 38 41	11°33'26	11♑13	1°17	23° 5	14°37	0°49	6°14	8°34	9° 0	9°10	5°10	5°21	13° 0	n.a.	T 14
F 15	10 42 38	12°31'44	23°25	2° 5	24°19	15°22	0°42	6°21	8°36	9° 2	9° 8	5° 5	5°18	13° 7	n.a.	F 15
S 16	10 46 34	13°30'01	5♒29	2°47	25°33	16° 8	0°35	6°27	8°38	9° 4	9° 7	4°56	5°15	13°13	n.a.	S 16
S 17	10 50 31	14°28'15	17°26	3°23	26°46	16°53	0°27	6°34	8°41	9° 6	9° 6	4°45	5°12	13°20	n.a.	S 17
M18	10 54 27	15°26'28	29°20	3°53	28° 0	17°38	0°20	6°40	8°43	9° 8	9° 5	4°32	5° 9	13°27	n.a.	M18
T 19	10 58 24	16°24'39	11♓13	4°18	29°14	18°24	0°13	6°47	8°46	9°10	9° 3	4°19	5° 6	13°33	n.a.	T 19
W20	11 2 20	17°22'48	23° 4	4°37	0♈28	19° 9	0° 6	6°53	8°48	9°12	9° 2	4° 5	5° 2	13°40	n.a.	W20
T 21	11 6 17	18°20'55	4♈57	4°50	1°41	19°54	29♌59	6°59	8°51	9°15	9° 1	3°53	4°59	13°47	n.a.	T 21
F 22	11 10 14	19°19'01	16°53	4°58	2°55	20°39	29°52	7° 5	8°53	9°17	9° 0	3°42	4°56	13°54	n.a.	F 22
S 23	11 14 10	20°17'04	28°53	5°R 0	4° 9	21°24	29°45	7°12	8°56	9°19	8°59	3°35	4°53	14° 0	n.a.	S 23
S 24	11 18 7	21°15'06	11♉ 0	4°57	5°23	22°10	29°38	7°18	8°59	9°21	8°58	3°30	4°50	14° 7	n.a.	S 24
M25	11 22 3	22°13'05	23°18	4°49	6°36	22°55	29°31	7°24	9° 1	9°23	8°56	3°28	4°46	14°14	n.a.	M25
T 26	11 26 0	23°11'03	5♊50	4°36	7°50	23°40	29°25	7°30	9° 4	9°25	8°55	3°D28	4°43	14°20	n.a.	T 26
W27	11 29 56	24° 8'58	18°40	4°18	9° 3	24°25	29°18	7°36	9° 7	9°27	8°54	3°R28	4°40	14°27	n.a.	W27
T 28	11 33 53	25° 6'52	1♋53	3°56	10°17	25°10	29°12	7°42	9° 9	9°30	8°53	3°28	4°37	14°34	n.a.	T 28
F 29	11 37 49	26° 4'44	15°32	3°31	11°31	25°55	29° 6	7°48	9°12	9°32	8°52	3°26	4°34	14°41	n.a.	F 29
S 30	11 41 46	27° 2'33	29°39	3° 2	12°44	26°40	29° 0	7°53	9°15	9°34	8°51	3°23	4°31	14°47	n.a.	S 30
S 31	11 45 43	28♓ 0'21	14♌13	2♈30	13♈58	27♑25	28♌54	7♒59	9♉18	9♈36	8♌50	3♐17	4♐27	14♓54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s 4	21n 8	2s32	5s53	0n51	10s13	1s14	24s38	0s53	12n27	1n49	20s47	1s26	14n14	0s13	1n37	2s 1	33n30	15n59	21s44	21s41	2s38		n.a.
S 2	11 43	18 42	3 32	5 0	1 3	9 43	1 13	24 37	0 54	12 30	1 49	20 45	1 26	14 15	0 13	1 38	2 0	33 30	15 59	21 43	21 40	2 35		n.a.
S 3	11 22	15 0	4 19	4 7	1 15	9 14	1 11	24 36	0 55	12 33	1 49	20 44	1 26	14 16	0 13	1 39	2 0	33 31	15 59	21 42	21 40	2 33		n.a.
M 4	11 0	10 15	4 50	3 16	1 27	8 44	1 10	24 34	0 55	12 36	1 49	20 42	1 26	14 16	0 13	1 39	2 0	33 31	15 59	21 40	21 39	2 30		n.a.
T 5	10 39	4 49	5 0	2 27	1 38	8 14	1 9	24 33	0 56	12 39	1 49	20 41	1 26	14 17	0 13	1 40	2 0	33 31	15 59	21 38	21 38	2 28		n.a.
W 6	10 18	0s56	4 49	1 39	1 49	7 44	1 7	24 31	0 57	12 41	1 49	20 39	1 26	14 18	0 13	1 41	2 0	33 32	15 59	21 36	21 38	2 25		n.a.
T 7	9 56	6 33	4 18	0 54	2 0	7 14	1 6	24 29	0 58	12 44	1 49	20 37	1 27	14 18	0 13	1 42	2 0	33 32	15 59	21 34	21 37	2 23		n.a.
F 8	9 34	11 40	3 30	0 11	2 10	6 43	1 4	24 26	0 59	12 47	1 49	20 36	1 27	14 19	0 13	1 43	2 0	33 32	15 58	21 33	21 37	2 20		n.a.
S 9	9 12	15 59	2 29	0n30	2 20	6 13	1 3	24 23	1 0	12 50	1 49	20 34	1 27	14 20	0 13	1 43	2 0	33 32	15 58	21 32	21 36	2 18		n.a.
S 10	8 50	19 14	1 22	1 8	2 29	5 42	1 1	24 20	1 1	12 52	1 49	20 33	1 27	14 20	0 13	1 44	2 0	33 33	15 58	21 32	21 36	2 15		n.a.
M11	8 28	21 19	0 11	1 44	2 37	5 11	0 59	24 17	1 2	12 55	1 49	20 31	1 27	14 21	0 13	1 45	2 0	33 33	15 58	21 32	21 35	2 13		n.a.
T 12	8 6	22 9	0n57	2 17	2 45	4 40	0 58	24 14	1 3	12 58	1 49	20 29	1 27	14 22	0 13	1 46	2 0	33 33	15 58	21 32	21 34	2 10		n.a.
W13	7 43	21 49	2 1	2 46	2 51	4 8	0 56	24 10	1 4	13 1	1 49	20 28	1 27	14 22	0 13	1 47	2 0	33 33	15 57	21 32	21 34	2 8		n.a.
T 14	7 21	20 24	2 58	3 13	2 57	3 37	0 54	24 6	1 5	13 3	1 49	20 26	1 28	14 23	0 13	1 48	2 0	33 33	15 57	21 31	21 33	2 5		n.a.
F 15	6 58	18 4	3 45	3 37	3 2	3 6	0 52	24 2	1 6	13 6	1 49	20 25	1 28	14 24	0 13	1 48	2 0	33 34	15 57	21 30	21 33	2 3		n.a.
S 16	6 36	14 59	4 22	3 57	3 6	2 34	0 50	23 57	1 7	13 9	1 49	20 23	1 28	14 25	0 13	1 49	2 0	33 34	15 57	21 29	21 32	2 0		n.a.
S 17	6 13	11 19	4 47	4 14	3 8	2 2	0 48	23 52	1 8	13 11	1 49	20 22	1 28	14 26	0 13	1 50	2 0	33 34	15 57	21 27	21 32	1 58		n.a.
M18	5 50	7 14	4 59	4 28	3 10	1 31	0 46	23 47	1 9	13 14	1 48	20 20	1 28	14 26	0 13	1 51	2 0	33 34	15 56	21 24	21 31	1 55		n.a.
T 19	5 27	2 54	4 58	4 38	3 10	0 59	0 44	23 42	1 9	13 16	1 48	20 19	1 28	14 27	0 13	1 52	2 0	33 34	15 56	21 22	21 30	1 53		n.a.
W20	5 4	1n32	4 44	4 45	3 10	0 27	0 42	23 37	1 10	13 19	1 48	20 17	1 28	14 28	0 13	1 53	2 0	33 34	15 56	21 19	21 30	1 50		n.a.
T 21	4 41	5 56	4 18	4 49	3 8	0n 4	0 40	23 31	1 11	13 21	1 48	20 16	1 29	14 29	0 13	1 54	2 0	33 34	15 55	21 17	21 29	1 48		n.a.
F 22	4 18	10 7	3 40	4 49	3 5	0 36	0 38	23 25	1 12	13 23	1 48	20 14	1 29	14 30	0 13	1 54	2 0	33 34	15 55	21 15	21 29	1 45		n.a.
S 23	3 55	13 56	2 52	4 46	3 0	1 8	0 36	23 19	1 13	13 26	1 48	20 13	1 29	14 31	0 13	1 55	2 0	33 34	15 55	21 13	21 28	1 43		n.a.
S 24	3 31	17 13	1 56	4 40	2 54	1 39	0 34	23 12	1 14	13 28	1 48	20 11	1 29	14 31	0 13	1 56	2 0	33 34	15 55	21 12	21 27	1 40		n.a.
M25	3 8	19 46	0 54	4 30	2 47	2 11	0 31	23 5	1 15	13 30	1 48	20 10	1 29	14 32	0 13	1 57	2 0	33 35	15 54	21 12	21 27	1 38		n.a.
T 26	2 45	21 26	0s13	4 17	2 39	2 43	0 29	22 59	1 16	13 33	1 48	20 9	1 29	14 33	0 13	1 58	2 0	33 35	15 54	21 12	21 26	1 36		n.a.
W27	2 22	22 1	1 20	4 1	2 29	3 14	0 27	22 51	1 17	13 35	1 47	20 7	1 30	14 34	0 13	1 59	2 0	33 35	15 54	21 12	21 26	1 33		n.a.
T 28	1 58	21 25	2 25	3 42	2 18	3 46	0 24	22 44	1 18	13 37	1 47	20 6	1 30	14 35	0 13	2 0	2 0	33 35	15 53	21 12	21 25	1 31		n.a.
F 29	1 35	19 32	3 24	3 21	2 7	4 17	0 22	22 36	1 19	13 39	1 47	20 4	1 30	14 36	0 13	2 1	2 0	33 35	15 53	21 12	21 25	1 28		n.a.
S 30	1 12	16 27	4 13	2 57	1 53	4 49	0 20	22 29	1 20	13 41	1 47	20 3	1 30	14 37	0 13	2 1	2 0	33 35	15 53	21 11	21 24	1 26		n.a.
S 31	0s48	12n16	4s47	2n32	1n39	5n20	0s17	22s21	1s20	13n43	1n47	20s 2	1s30	14n38	0s13	2n 2	2s 0	33n34	15n52	21s10	21s23	1s23		n.a.

Julian Day Number = 1266380.5, Delta T = 08h21m22s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'12, Lahiri = -21°09'12 Julian Calendar 1 March 1246 BCE == Greg. Calendar 18 Feb. 1246 BCE

The year -1245 astronomical counting style corresponds to year 1246 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1246 BCE
geocentric

APRIL 1246 BCE (-1245) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 49 39	28♓58'07	29♌ 9	1°R56	15♈11	28♉10	28°R48	8♒ 5	9♉21	9♈38	8°R50	3°R 9	4♐24	15♓ 1	n.a.	M 1
T 2	11 53 36	29°55'51	14♍22	1♈21	16°24	28°55	28♌42	8°10	9°24	9°41	8♌49	3♐ 0	4°21	15° 8	n.a.	T 2
W 3	11 57 32	0♈53'33	29°39	0°45	17°38	29°39	28°37	8°16	9°27	9°43	8°48	2°51	4°18	15°14	n.a.	W 3
T 4	12 1 29	1°51'14	14♎51	0° 8	18°51	0♒24	28°31	8°21	9°30	9°45	8°47	2°43	4°15	15°21	n.a.	T 4
F 5	12 5 25	2°48'54	29°46	29♓32	20° 5	1° 9	28°26	8°27	9°33	9°47	8°46	2°37	4°12	15°28	n.a.	F 5
S 6	12 9 22	3°46'32	14♏18	28°57	21°18	1°54	28°21	8°32	9°36	9°50	8°45	2°33	4° 8	15°34	n.a.	S 6
S 7	12 13 18	4°44'09	28°22	28°23	22°31	2°39	28°16	8°38	9°39	9°52	8°45	2°D32	4° 5	15°41	n.a.	S 7
M 8	12 17 15	5°41'45	11♐57	27°52	23°45	3°23	28°11	8°43	9°42	9°54	8°44	2°32	4° 2	15°48	n.a.	M 8
T 9	12 21 12	6°39'20	25° 5	27°23	24°58	4° 8	28° 6	8°48	9°45	9°56	8°43	2°33	3°59	15°55	n.a.	T 9
W10	12 25 8	7°36'53	7♑50	26°58	26°11	4°52	28° 1	8°53	9°48	9°59	8°42	2°R33	3°56	16° 1	n.a.	W10
T 11	12 29 5	8°34'26	20°15	26°35	27°24	5°37	27°57	8°58	9°51	10° 1	8°42	2°33	3°52	16° 8	n.a.	T 11
F 12	12 33 1	9°31'57	2♒26	26°17	28°38	6°22	27°53	9° 3	9°54	10° 3	8°41	2°30	3°49	16°15	n.a.	F 12
S 13	12 36 58	10°29'27	14°27	26° 3	29°51	7° 6	27°49	9° 8	9°58	10° 5	8°41	2°25	3°46	16°21	n.a.	S 13
S 14	12 40 54	11°26'57	26°21	25°53	1♉ 4	7°50	27°45	9°13	10° 1	10° 8	8°40	2°18	3°43	16°28	n.a.	S 14
M15	12 44 51	12°24'25	8♓13	25°47	2°17	8°35	27°41	9°17	10° 4	10°10	8°40	2°10	3°40	16°35	n.a.	M15
T 16	12 48 47	13°21'52	20° 4	25°D45	3°30	9°19	27°37	9°22	10° 7	10°12	8°39	2° 1	3°37	16°42	n.a.	T 16
W17	12 52 44	14°19'18	1♈57	25°49	4°43	10° 3	27°34	9°27	10°11	10°14	8°39	1°52	3°33	16°48	n.a.	W17
T 18	12 56 40	15°16'43	13°55	25°56	5°56	10°48	27°31	9°31	10°14	10°17	8°38	1°44	3°30	16°55	n.a.	T 18
F 19	13 0 37	16°14'07	25°57	26° 9	7°10	11°32	27°27	9°35	10°17	10°19	8°38	1°37	3°27	17° 2	n.a.	F 19
S 20	13 4 34	17°11'29	8♉ 7	26°25	8°23	12°16	27°24	9°40	10°21	10°21	8°37	1°32	3°24	17° 8	n.a.	S 20
S 21	13 8 30	18° 8'51	20°25	26°46	9°36	13° 0	27°22	9°44	10°24	10°23	8°37	1°30	3°21	17°15	n.a.	S 21
M22	13 12 27	19° 6'12	2♊53	27°12	10°49	13°44	27°19	9°48	10°27	10°25	8°37	1°D29	3°17	17°22	n.a.	M22
T 23	13 16 23	20° 3'31	15°35	27°41	12° 2	14°28	27°17	9°52	10°31	10°28	8°36	1°30	3°14	17°29	n.a.	T 23
W24	13 20 20	21° 0'49	28°32	28°15	13°14	15°12	27°14	9°56	10°34	10°30	8°36	1°31	3°11	17°35	n.a.	W24
T 25	13 24 16	21°58'06	11♋48	28°53	14°27	15°56	27°12	10° 0	10°37	10°32	8°36	1°33	3° 8	17°42	n.a.	T 25
F 26	13 28 13	22°55'22	25°24	29°35	15°40	16°40	27°11	10° 4	10°41	10°34	8°36	1°R33	3° 5	17°49	n.a.	F 26
S 27	13 32 9	23°52'36	9♌23	0♈21	16°53	17°23	27° 9	10° 8	10°44	10°37	8°36	1°32	3° 2	17°56	n.a.	S 27
S 28	13 36 6	24°49'50	23°43	1°10	18° 6	18° 7	27° 7	10°12	10°48	10°39	8°36	1°29	2°58	18° 2	n.a.	S 28
M29	13 40 3	25°47'02	8♍22	2° 3	19°19	18°50	27° 6	10°15	10°51	10°41	8°35	1°25	2°55	18° 9	n.a.	M29
T 30	13 43 59	26♈44'13	23♍16	3♈ 0	20♉31	19♒34	27♌ 5	10♒19	10♉55	10♈43	8♌35	1♐21	2♐52	18♓16	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s25	7n14	5s 3	2n 4	1n25	5n51	0s15	22s12	1s21	13n45	1n47	20s 0	1s30	14n39	0s13	2n 3	2s 0	33n34	15n52	21s 8	21s23	1s21		n.a.
T 2	0 2	1 41	4 57	1 36	1 9	6 22	0 12	22 4	1 22	13 47	1 46	19 59	1 31	14 40	0 13	2 4	2 0	33 34	15 52	21 7	21 22	1 18		n.a.
W 3	0n22	4s 0	4 31	1 6	0 53	6 53	0 10	21 55	1 23	13 49	1 46	19 58	1 31	14 41	0 13	2 5	2 0	33 34	15 51	21 5	21 22	1 16		n.a.
T 4	0 45	9 24	3 46	0 36	0 36	7 24	0 7	21 46	1 24	13 50	1 46	19 57	1 31	14 42	0 13	2 6	2 0	33 34	15 51	21 3	21 21	1 13		n.a.
F 5	1 8	14 9	2 46	0 6	0 19	7 54	0 5	21 37	1 25	13 52	1 46	19 55	1 31	14 43	0 13	2 7	2 0	33 34	15 51	21 2	21 20	1 11		n.a.
S 6	1 32	17 55	1 36	0s23	0 2	8 24	0 2	21 28	1 26	13 54	1 46	19 54	1 31	14 44	0 13	2 8	2 0	33 34	15 50	21 1	21 20	1 8		n.a.
S 7	1 55	20 29	0 22	0 52	0s14	8 55	0n 0	21 18	1 27	13 55	1 46	19 53	1 32	14 45	0 13	2 9	2 0	33 34	15 50	21 1	21 19	1 6		n.a.
M 8	2 18	21 46	0n50	1 20	0 31	9 25	0 3	21 9	1 28	13 57	1 45	19 52	1 32	14 46	0 13	2 10	2 0	33 34	15 50	21 1	21 19	1 3		n.a.
T 9	2 41	21 47	1 58	1 47	0 47	9 54	0 5	20 59	1 28	13 58	1 45	19 50	1 32	14 47	0 13	2 10	2 0	33 34	15 49	21 1	21 18	1 1		n.a.
W10	3 4	20 39	2 57	2 12	1 3	10 24	0 8	20 49	1 29	14 0	1 45	19 49	1 32	14 48	0 13	2 11	1 59	33 33	15 49	21 1	21 17	0 59		n.a.
T 11	3 27	18 32	3 47	2 34	1 18	10 53	0 11	20 38	1 30	14 1	1 45	19 48	1 32	14 49	0 13	2 12	1 59	33 33	15 49	21 1	21 17	0 56		n.a.
F 12	3 50	15 38	4 26	2 55	1 33	11 22	0 13	20 28	1 31	14 2	1 44	19 47	1 33	14 50	0 13	2 13	1 59	33 33	15 48	21 1	21 16	0 54		n.a.
S 13	4 13	12 8	4 52	3 13	1 47	11 51	0 16	20 17	1 32	14 4	1 44	19 46	1 33	14 51	0 13	2 14	1 59	33 33	15 48	21 0	21 16	0 51		n.a.
S 14	4 36	8 10	5 5	3 29	2 0	12 19	0 18	20 6	1 33	14 5	1 44	19 45	1 33	14 52	0 13	2 15	1 59	33 33	15 47	20 58	21 15	0 49		n.a.
M15	4 59	3 56	5 5	3 43	2 12	12 48	0 21	19 55	1 34	14 6	1 44	19 44	1 33	14 53	0 13	2 16	1 59	33 32	15 47	20 57	21 14	0 46		n.a.
T 16	5 22	0n27	4 51	3 53	2 23	13 16	0 23	19 44	1 34	14 7	1 44	19 42	1 33	14 54	0 13	2 17	1 59	33 32	15 47	20 55	21 14	0 44		n.a.
W17	5 44	4 50	4 26	4 1	2 33	13 43	0 26	19 33	1 35	14 8	1 43	19 41	1 34	14 55	0 13	2 18	1 59	33 32	15 46	20 53	21 13	0 41		n.a.
T 18	6 7	9 4	3 48	4 7	2 42	14 10	0 29	19 21	1 36	14 9	1 43	19 40	1 34	14 56	0 13	2 18	1 59	33 32	15 46	20 51	21 12	0 39		n.a.
F 19	6 29	12 58	3 0	4 9	2 50	14 37	0 31	19 10	1 37	14 10	1 43	19 39	1 34	14 57	0 13	2 19	1 59	33 31	15 45	20 50	21 12	0 37		n.a.
S 20	6 52	16 23	2 3	4 9	2 57	15 4	0 34	18 58	1 38	14 11	1 43	19 38	1 34	14 58	0 13	2 20	2 0	33 31	15 45	20 49	21 11	0 34		n.a.
S 21	7 14	19 6	1 0	4 6	3 3	15 30	0 36	18 46	1 38	14 11	1 42	19 37	1 34	14 59	0 13	2 21	2 0	33 31	15 44	20 48	21 11	0 32		n.a.
M22	7 36	20 58	0s 8	4 1	3 9	15 56	0 39	18 34	1 39	14 12	1 42	19 37	1 35	15 0	0 13	2 22	2 0	33 30	15 44	20 48	21 10	0 29		n.a.
T 23	7 58	21 47	1 16	3 52	3 13	16 21	0 41	18 22	1 40	14 13	1 42	19 36	1 35	15 1	0 13	2 23	2 0	33 30	15 44	20 48	21 9	0 27		n.a.
W24	8 20	21 28	2 22	3 42	3 16	16 46	0 44	18 9	1 41	14 13	1 42	19 35	1 35	15 3	0 13	2 24	2 0	33 30	15 43	20 49	21 9	0 24		n.a.
T 25	8 42	19 58	3 21	3 29	3 19	17 11	0 46	17 57	1 42	14 14	1 41	19 34	1 35	15 4	0 13	2 25	2 0	33 29	15 43	20 49	21 8	0 22		n.a.
F 26	9 3	17 18	4 12	3 13	3 20	17 35	0 49	17 44	1 42	14 14	1 41	19 33	1 36	15 5	0 13	2 26	2 0	33 29	15 42	20 49	21 8	0 19		n.a.
S 27	9 25	13 35	4 48	2 56	3 21	17 58	0 51	17 31	1 43	14 14	1 41	19 32	1 36	15 6	0 13	2 26	2 0	33 29	15 42	20 49	21 7	0 17		n.a.
S 28	9 46	9 0	5 8	2 35	3 21	18 22	0 53	17 18	1 44	14 15	1 40	19 31	1 36	15 7	0 13	2 27	2 0	33 28	15 41	20 48	21 6	0 15		n.a.
M29	10 8	3 48	5 9	2 13	3 20	18 44	0 56	17 5	1 45	14 15	1 40	19 31	1 36	15 8	0 12	2 28	2 0	33 28	15 41	20 47	21 6	0 12		n.a.
T 30	10n29	1s41	4s49	1s49	3s18	19n 7	0n58	16s52	1s46	14n15	1n40	19s30	1s36	15n 9	0s12	2n29	2s 0	33n28	15n41	20s47	21s 5	0s10		n.a.

Julian Day Number = 1266411.5, Delta T = 08h21m20s
Ecliptic obliquity = 23°50'30, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'08, Lahiri = -21°09'08 Julian Calendar 1 Apr. 1246 BCE == Greg. Calendar 21 March 1246 BCE

The year -1245 astronomical counting style corresponds to year 1246 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1246 BCE
geocentric

MAY 1246 BCE (-1245) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 47 56	27♈41'23	8♎16	4♈ 0	21♉44	20♒17	27°R 4	10♒22	10♉58	10♈45	8°D35	1°R16	2♐49	18♓22	n.a.	W 1
T 2	13 51 52	28°38'33	23°13	5° 3	22°57	21° 1	27♌ 3	10°25	11° 2	10°47	8♌35	1♐12	2°46	18°29	n.a.	T 2
F 3	13 55 49	29°35'41	8♏ 0	6°10	24°10	21°44	27° 2	10°29	11° 5	10°50	8°35	1° 9	2°43	18°36	n.a.	F 3
S 4	13 59 45	0♉32'50	22°28	7°21	25°22	22°27	27° 2	10°32	11° 9	10°52	8°36	1° 7	2°39	18°43	n.a.	S 4
S 5	14 3 42	1°29'57	6♐33	8°34	26°35	23°10	27° 2	10°35	11°12	10°54	8°36	1°D 7	2°36	18°49	n.a.	S 5
M 6	14 7 39	2°27'05	20°12	9°51	27°47	23°54	27°D 2	10°38	11°16	10°56	8°36	1° 8	2°33	18°56	n.a.	M 6
T 7	14 11 35	3°24'12	3♑25	11°11	29° 0	24°37	27° 2	10°41	11°19	10°58	8°36	1° 9	2°30	19° 3	n.a.	T 7
W 8	14 15 32	4°21'19	16°14	12°34	0♊12	25°20	27° 2	10°44	11°23	11° 0	8°36	1°11	2°27	19° 9	n.a.	W 8
T 9	14 19 28	5°18'25	28°44	14° 0	1°25	26° 2	27° 2	10°46	11°26	11° 2	8°36	1°12	2°23	19°16	n.a.	T 9
F 10	14 23 25	6°15'32	10♒57	15°29	2°37	26°45	27° 3	10°49	11°30	11° 4	8°37	1°R12	2°20	19°23	n.a.	F 10
S 11	14 27 21	7°12'38	22°59	17° 1	3°50	27°28	27° 4	10°51	11°34	11° 7	8°37	1°11	2°17	19°30	n.a.	S 11
S 12	14 31 18	8° 9'44	4♓53	18°37	5° 2	28°11	27° 5	10°54	11°37	11° 9	8°37	1° 9	2°14	19°36	n.a.	S 12
M13	14 35 14	9° 6'50	16°45	20°15	6°15	28°53	27° 6	10°56	11°41	11°11	8°38	1° 6	2°11	19°43	n.a.	M13
T 14	14 39 11	10° 3'56	28°38	21°56	7°27	29°36	27° 7	10°58	11°44	11°13	8°38	1° 3	2° 8	19°50	n.a.	T 14
W15	14 43 8	11° 1'01	10♈34	23°40	8°39	0♓18	27° 9	11° 0	11°48	11°15	8°38	1° 0	2° 4	19°56	n.a.	W15
T 16	14 47 4	11°58'07	22°38	25°27	9°52	1° 0	27°11	11° 2	11°51	11°17	8°39	0°57	2° 1	20° 3	n.a.	T 16
F 17	14 51 1	12°55'13	4♉50	27°16	11° 4	1°43	27°13	11° 4	11°55	11°19	8°39	0°55	1°58	20°10	n.a.	F 17
S 18	14 54 57	13°52'18	17°13	29° 9	12°16	2°25	27°15	11° 6	11°59	11°21	8°40	0°53	1°55	20°17	n.a.	S 18
S 19	14 58 54	14°49'23	29°47	1♉ 3	13°28	3° 7	27°17	11° 8	12° 2	11°23	8°40	0°D53	1°52	20°23	n.a.	S 19
M20	15 2 50	15°46'29	12♊33	3° 1	14°41	3°49	27°19	11°10	12° 6	11°24	8°41	0°53	1°49	20°30	n.a.	M20
T 21	15 6 47	16°43'34	25°33	5° 0	15°53	4°30	27°22	11°11	12° 9	11°26	8°42	0°54	1°45	20°37	n.a.	T 21
W22	15 10 43	17°40'39	8♋46	7° 2	17° 5	5°12	27°25	11°13	12°13	11°28	8°42	0°55	1°42	20°43	n.a.	W22
T 23	15 14 40	18°37'43	22°15	9° 6	18°17	5°54	27°28	11°14	12°16	11°30	8°43	0°56	1°39	20°50	n.a.	T 23
F 24	15 18 37	19°34'48	5♌58	11°11	19°29	6°35	27°31	11°15	12°20	11°32	8°44	0°57	1°36	20°57	n.a.	F 24
S 25	15 22 33	20°31'52	19°55	13°18	20°41	7°17	27°34	11°16	12°24	11°34	8°44	0°R57	1°33	21° 4	n.a.	S 25
S 26	15 26 30	21°28'55	4♍ 7	15°26	21°53	7°58	27°37	11°17	12°27	11°36	8°45	0°57	1°29	21°10	n.a.	S 26
M27	15 30 26	22°25'59	18°30	17°35	23° 5	8°39	27°41	11°18	12°31	11°38	8°46	0°56	1°26	21°17	n.a.	M27
T 28	15 34 23	23°23'03	3♎ 1	19°44	24°17	9°20	27°45	11°19	12°34	11°39	8°47	0°55	1°23	21°24	n.a.	T 28
W29	15 38 19	24°20'06	17°36	21°54	25°29	10° 1	27°49	11°20	12°38	11°41	8°48	0°55	1°20	21°30	n.a.	W29
T 30	15 42 16	25°17'10	2♏ 9	24° 4	26°41	10°42	27°53	11°20	12°41	11°43	8°48	0°54	1°17	21°37	n.a.	T 30
F 31	15 46 13	26♉14'13	16♏34	26♉13	27♊52	11♓23	27♌57	11♒21	12♉45	11♈45	8♌49	0♐54	1♐14	21♓44	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	10n50	7s 8	4s 9	1s22	3s16	19n28	1n 0	16s39	1s46	14n15	1n40	19s29	1s37	15n10	0s12	2n30	2s 0	33n27	15n40	20s46	21s 4	0s 7			n.a.
T 2	11 10	12 8	3 12	0 54	3 12	19 50	1 3	16 25	1 47	14 15	1 39	19 28	1 37	15 11	0 12	2 31	2 0	33 27	15 40	20 45	21 4	0 5			n.a.
F 3	11 31	16 21	2 3	0 23	3 8	20 10	1 5	16 12	1 48	14 15	1 39	19 28	1 37	15 13	0 12	2 31	2 0	33 26	15 39	20 44	21 3	0 2			n.a.
S 4	11 51	19 27	0 47	0n 9	3 4	20 31	1 7	15 58	1 48	14 15	1 39	19 27	1 37	15 14	0 12	2 32	2 0	33 26	15 39	20 44	21 2	0n 0			n.a.
S 5	12 12	21 17	0n30	0 44	2 59	20 50	1 9	15 44	1 49	14 15	1 39	19 26	1 38	15 15	0 12	2 33	2 0	33 25	15 38	20 44	21 2	0 2			n.a.
M 6	12 32	21 46	1 43	1 20	2 53	21 9	1 11	15 30	1 50	14 15	1 38	19 26	1 38	15 16	0 12	2 34	2 0	33 25	15 38	20 44	21 1	0 5			n.a.
T 7	12 51	21 0	2 48	1 57	2 46	21 28	1 14	15 16	1 51	14 14	1 38	19 25	1 38	15 17	0 12	2 35	2 0	33 24	15 38	20 44	21 1	0 7			n.a.
W 8	13 11	19 9	3 43	2 37	2 39	21 46	1 16	15 2	1 51	14 14	1 38	19 25	1 38	15 18	0 12	2 36	2 0	33 24	15 37	20 44	21 0	0 10			n.a.
T 9	13 31	16 26	4 25	3 18	2 31	22 3	1 18	14 48	1 52	14 14	1 37	19 24	1 39	15 19	0 12	2 36	2 0	33 23	15 37	20 45	20 59	0 12			n.a.
F 10	13 50	13 3	4 55	4 0	2 23	22 20	1 20	14 34	1 53	14 13	1 37	19 24	1 39	15 20	0 12	2 37	2 0	33 23	15 36	20 45	20 59	0 15			n.a.
S 11	14 9	9 12	5 11	4 44	2 15	22 36	1 21	14 19	1 53	14 12	1 37	19 23	1 39	15 22	0 12	2 38	2 0	33 22	15 36	20 45	20 58	0 17			n.a.
S 12	14 28	5 1	5 13	5 29	2 5	22 52	1 23	14 5	1 54	14 12	1 37	19 23	1 39	15 23	0 12	2 39	2 0	33 22	15 35	20 44	20 57	0 19			n.a.
M13	14 46	0 41	5 3	6 15	1 56	23 7	1 25	13 51	1 55	14 11	1 36	19 22	1 40	15 24	0 12	2 40	2 0	33 21	15 35	20 44	20 57	0 22			n.a.
T 14	15 5	3n42	4 39	7 3	1 46	23 21	1 27	13 36	1 55	14 10	1 36	19 22	1 40	15 25	0 12	2 40	2 0	33 21	15 34	20 43	20 56	0 24			n.a.
W15	15 23	7 58	4 3	7 52	1 36	23 34	1 29	13 21	1 56	14 10	1 36	19 22	1 40	15 26	0 12	2 41	2 0	33 20	15 34	20 42	20 55	0 27			n.a.
T 16	15 41	11 58	3 15	8 41	1 25	23 47	1 30	13 7	1 57	14 9	1 35	19 21	1 40	15 27	0 12	2 42	2 0	33 20	15 34	20 42	20 55	0 29			n.a.
F 17	15 59	15 31	2 19	9 31	1 14	24 0	1 32	12 52	1 57	14 8	1 35	19 21	1 41	15 28	0 12	2 43	2 0	33 19	15 33	20 41	20 54	0 32			n.a.
S 18	16 16	18 27	1 15	10 22	1 3	24 11	1 33	12 37	1 58	14 7	1 35	19 21	1 41	15 29	0 12	2 43	2 0	33 19	15 33	20 41	20 54	0 34			n.a.
S 19	16 33	20 32	0 6	11 14	0 52	24 22	1 35	12 22	1 59	14 6	1 35	19 20	1 41	15 31	0 12	2 44	2 0	33 18	15 32	20 41	20 53	0 36			n.a.
M20	16 50	21 37	1s 4	12 5	0 40	24 32	1 36	12 7	1 59	14 5	1 34	19 20	1 41	15 32	0 12	2 45	2 0	33 18	15 32	20 41	20 52	0 39			n.a.
T 21	17 7	21 34	2 12	12 57	0 29	24 42	1 38	11 52	2 0	14 4	1 34	19 20	1 42	15 33	0 12	2 46	2 0	33 17	15 31	20 41	20 52	0 41			n.a.
W22	17 23	20 19	3 15	13 49	0 18	24 51	1 39	11 37	2 0	14 2	1 34	19 20	1 42	15 34	0 12	2 46	2 0	33 16	15 31	20 41	20 51	0 44			n.a.
T 23	17 39	17 54	4 7	14 40	0 7	24 59	1 40	11 22	2 1	14 1	1 33	19 20	1 42	15 35	0 12	2 47	2 0	33 16	15 30	20 41	20 50	0 46			n.a.
F 24	17 55	14 28	4 47	15 30	0n 4	25 6	1 41	11 7	2 2	14 0	1 33	19 20	1 42	15 36	0 12	2 48	2 0	33 15	15 30	20 41	20 50	0 48			n.a.
S 25	18 11	10 10	5 11	16 20	0 15	25 13	1 42	10 52	2 2	13 58	1 33	19 20	1 43	15 37	0 12	2 48	2 0	33 14	15 30	20 42	20 49	0 51			n.a.
S 26	18 26	5 16	5 16	17 9	0 26	25 19	1 43	10 37	2 3	13 57	1 33	19 19	1 43	15 38	0 12	2 49	2 0	33 14	15 29	20 42	20 48	0 53			n.a.
M27	18 41	0 0	5 2	17 56	0 36	25 24	1 44	10 22	2 3	13 55	1 32	19 19	1 43	15 39	0 12	2 50	2 0	33 13	15 29	20 41	20 48	0 56			n.a.
T 28	18 56	5s19	4 28	18 41	0 45	25 28	1 45	10 6	2 4	13 54	1 32	19 19	1 43	15 41	0 12	2 50	2 0	33 13	15 28	20 41	20 47	0 58			n.a.
W29	19 10	10 22	3 38	19 25	0 54	25 32	1 46	9 51	2 4	13 52	1 32	19 20	1 44	15 42	0 12	2 51	2 1	33 12	15 28	20 41	20 46	1 0			n.a.
T 30	19 24	14 48	2 33	20 7	1 3	25 35	1 47	9 36	2 5	13 50	1 32	19 20	1 44	15 43	0 12	2 52	2 1	33 11	15 28	20 41	20 46	1 3			n.a.
F 31	19n38	18s19	1s19	20n47	1n11	25n37	1n48	9s21	2s 5	13n49	1n31	19s20	1s44	15n44	0s12	2n52	2s 1	33n11	15n27	20s41	20s45	1n 5			n.a.

Julian Day Number = 1266441.5, Delta T = 08h21m18s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'04, Lahiri = -21°09'04 Julian Calendar 1 May 1246 BCE == Greg. Calendar 20 Apr. 1246 BCE

The year -1245 astronomical counting style corresponds to year 1246 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1246 BCE
geocentric

JUNE 1246 BCE (-1245) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 50 9	27♉11'17	0♐46	28♉22	29♊ 4	12♓ 3	28♌ 1	11♒21	12♉48	11♈46	8♌50	0°D54	1♐10	21♓51	n.a.	S 1
S 2	15 54 6	28° 8'22	14°40	0♊31	0♋16	12°44	28° 6	11°22	12°52	11°48	8°51	0♐54	1° 7	21°57	n.a.	S 2
M 3	15 58 2	29° 5'27	28°13	2°38	1°27	13°24	28°11	11°22	12°55	11°50	8°52	0°54	1° 4	22° 4	n.a.	M 3
T 4	16 1 59	0♊ 2'33	11♉25	4°45	2°39	14° 5	28°15	11°22	12°59	11°51	8°53	0°54	1° 1	22°11	n.a.	T 4
W 5	16 5 55	0°59'39	24°16	6°50	3°50	14°45	28°20	11°R22	13° 2	11°53	8°54	0°R54	0°58	22°17	n.a.	W 5
T 6	16 9 52	1°56'46	6♒47	8°53	5° 2	15°25	28°26	11°22	13° 6	11°54	8°56	0°54	0°54	22°24	n.a.	T 6
F 7	16 13 48	2°53'53	19° 3	10°56	6°13	16° 5	28°31	11°22	13° 9	11°56	8°57	0°54	0°51	22°31	n.a.	F 7
S 8	16 17 45	3°51'01	1♓ 6	12°56	7°25	16°44	28°36	11°21	13°12	11°58	8°58	0°D54	0°48	22°38	n.a.	S 8
S 9	16 21 42	4°48'11	13° 2	14°55	8°36	17°24	28°42	11°21	13°16	11°59	8°59	0°54	0°45	22°44	n.a.	S 9
M10	16 25 38	5°45'21	24°54	16°53	9°48	18° 4	28°48	11°21	13°19	12° 1	9° 0	0°54	0°42	22°51	n.a.	M10
T 11	16 29 35	6°42'31	6♈48	18°49	10°59	18°43	28°54	11°20	13°22	12° 2	9° 1	0°55	0°39	22°58	n.a.	T 11
W12	16 33 31	7°39'43	18°48	20°43	12°10	19°22	29° 0	11°19	13°26	12° 4	9° 3	0°55	0°35	23° 4	n.a.	W12
T 13	16 37 28	8°36'56	0♉57	22°35	13°21	20° 1	29° 6	11°18	13°29	12° 5	9° 4	0°56	0°32	23°11	n.a.	T 13
F 14	16 41 24	9°34'10	13°18	24°25	14°33	20°40	29°12	11°17	13°32	12° 6	9° 5	0°57	0°29	23°18	n.a.	F 14
S 15	16 45 21	10°31'24	25°54	26°14	15°44	21°19	29°19	11°16	13°36	12° 8	9° 7	0°R57	0°26	23°25	n.a.	S 15
S 16	16 49 18	11°28'40	8♊46	28° 1	16°55	21°58	29°25	11°15	13°39	12° 9	9° 8	0°57	0°23	23°31	n.a.	S 16
M17	16 53 14	12°25'56	21°54	29°47	18° 6	22°36	29°32	11°14	13°42	12°10	9° 9	0°56	0°20	23°38	n.a.	M17
T 18	16 57 11	13°23'14	5♋18	1♋30	19°17	23°14	29°39	11°13	13°46	12°12	9°11	0°55	0°16	23°45	n.a.	T 18
W19	17 1 7	14°20'32	18°56	3°12	20°28	23°53	29°46	11°11	13°49	12°13	9°12	0°54	0°13	23°51	n.a.	W19
T 20	17 5 4	15°17'51	2♌46	4°52	21°39	24°31	29°53	11°10	13°52	12°14	9°14	0°52	0°10	23°58	n.a.	T 20
F 21	17 9 0	16°15'10	16°46	6°30	22°49	25° 8	0♍ 1	11° 8	13°55	12°15	9°15	0°50	0° 7	24° 5	n.a.	F 21
S 22	17 12 57	17°12'31	0♍53	8° 7	24° 0	25°46	0° 8	11° 7	13°58	12°17	9°17	0°49	0° 4	24°12	n.a.	S 22
S 23	17 16 53	18° 9'52	15° 5	9°42	25°11	26°23	0°16	11° 5	14° 1	12°18	9°18	0°D48	0° 0	24°18	n.a.	S 23
M24	17 20 50	19° 7'13	29°19	11°15	26°21	27° 1	0°23	11° 3	14° 4	12°19	9°20	0°49	29♏57	24°25	n.a.	M24
T 25	17 24 47	20° 4'36	13♎33	12°47	27°32	27°38	0°31	11° 1	14° 7	12°20	9°21	0°49	29°54	24°32	n.a.	T 25
W26	17 28 43	21° 1'59	27°44	14°16	28°42	28°15	0°39	10°59	14°10	12°21	9°23	0°51	29°51	24°38	n.a.	W26
T 27	17 32 40	21°59'23	11♏50	15°44	29°53	28°52	0°47	10°57	14°13	12°22	9°25	0°52	29°48	24°45	n.a.	T 27
F 28	17 36 36	22°56'49	25°47	17°11	1♌ 3	29°28	0°55	10°54	14°16	12°23	9°26	0°R53	29°45	24°52	n.a.	F 28
S 29	17 40 33	23°54'15	9♐35	18°35	2°14	0♈ 5	1° 3	10°52	14°19	12°24	9°28	0°53	29°41	24°59	n.a.	S 29
S 30	17 44 29	24♊51'43	23♐ 9	19♋57	3♌24	0♈41	1♍12	10♒50	14♉22	12♈25	9♌30	0♐51	29♏38	25♓ 5	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n52	20s40	0s 1	21n24	1n18	25n38	1n48	9s 5	2s 6	13n47	1n31	19s20	1s44	15n45	0s12	2n53	2s 1	33n10	15n27	20s41	20s44	1n 8		n.a.
S 2	20 5	21 41	1n16	21 59	1 25	25 39	1 49	8 50	2 6	13 45	1 31	19 20	1 45	15 46	0 12	2 54	2 1	33 9	15 26	20 41	20 44	1 10		n.a.
M 3	20 17	21 24	2 26	22 31	1 31	25 39	1 49	8 35	2 7	13 43	1 30	19 20	1 45	15 47	0 12	2 54	2 1	33 9	15 26	20 41	20 43	1 12		n.a.
T 4	20 30	19 55	3 26	23 1	1 36	25 38	1 49	8 19	2 7	13 41	1 30	19 20	1 45	15 48	0 12	2 55	2 1	33 8	15 25	20 41	20 42	1 15		n.a.
W 5	20 42	17 27	4 15	23 28	1 41	25 37	1 50	8 4	2 8	13 39	1 30	19 21	1 45	15 49	0 12	2 55	2 1	33 7	15 25	20 41	20 42	1 17		n.a.
T 6	20 54	14 13	4 50	23 53	1 45	25 34	1 50	7 49	2 8	13 37	1 30	19 21	1 46	15 50	0 12	2 56	2 1	33 6	15 25	20 41	20 41	1 19		n.a.
F 7	21 5	10 27	5 10	24 14	1 48	25 31	1 50	7 33	2 9	13 35	1 29	19 21	1 46	15 51	0 12	2 57	2 1	33 6	15 24	20 41	20 40	1 22		n.a.
S 8	21 16	6 20	5 17	24 33	1 51	25 28	1 50	7 18	2 9	13 33	1 29	19 21	1 46	15 52	0 12	2 57	2 1	33 5	15 24	20 41	20 40	1 24		n.a.
S 9	21 27	2 1	5 10	24 50	1 52	25 23	1 50	7 3	2 10	13 30	1 29	19 22	1 46	15 53	0 12	2 58	2 1	33 4	15 24	20 41	20 39	1 27		n.a.
M10	21 38	2n22	4 50	25 4	1 54	25 18	1 50	6 47	2 10	13 28	1 29	19 22	1 47	15 54	0 12	2 58	2 1	33 4	15 23	20 41	20 38	1 29		n.a.
T 11	21 48	6 40	4 17	25 15	1 54	25 12	1 50	6 32	2 11	13 26	1 28	19 23	1 47	15 55	0 12	2 59	2 1	33 3	15 23	20 41	20 38	1 31		n.a.
W12	21 57	10 45	3 33	25 24	1 54	25 5	1 49	6 17	2 11	13 23	1 28	19 23	1 47	15 56	0 12	2 59	2 1	33 2	15 22	20 41	20 37	1 34		n.a.
T 13	22 7	14 28	2 39	25 31	1 53	24 58	1 49	6 2	2 11	13 21	1 28	19 23	1 47	15 57	0 12	3 0	2 1	33 1	15 22	20 41	20 36	1 36		n.a.
F 14	22 15	17 37	1 36	25 35	1 52	24 50	1 48	5 46	2 12	13 18	1 28	19 24	1 48	15 58	0 12	3 0	2 1	33 1	15 22	20 41	20 36	1 39		n.a.
S 15	22 24	20 0	0 28	25 38	1 50	24 41	1 48	5 31	2 12	13 16	1 27	19 25	1 48	15 59	0 12	3 1	2 1	33 0	15 21	20 42	20 35	1 41		n.a.
S 16	22 32	21 25	0s43	25 38	1 48	24 31	1 47	5 16	2 13	13 13	1 27	19 25	1 48	16 0	0 12	3 1	2 1	32 59	15 21	20 42	20 34	1 43		n.a.
M17	22 40	21 42	1 53	25 36	1 45	24 21	1 46	5 1	2 13	13 11	1 27	19 26	1 48	16 1	0 12	3 2	2 1	32 59	15 21	20 41	20 34	1 46		n.a.
T 18	22 47	20 45	2 59	25 32	1 42	24 10	1 45	4 46	2 13	13 8	1 27	19 26	1 49	16 2	0 12	3 2	2 2	32 58	15 20	20 41	20 33	1 48		n.a.
W19	22 54	18 36	3 55	25 26	1 38	23 58	1 44	4 31	2 14	13 5	1 26	19 27	1 49	16 3	0 12	3 3	2 2	32 57	15 20	20 41	20 32	1 50		n.a.
T 20	23 1	15 21	4 39	25 18	1 33	23 46	1 43	4 16	2 14	13 2	1 26	19 28	1 49	16 4	0 12	3 3	2 2	32 56	15 20	20 40	20 32	1 53		n.a.
F 21	23 7	11 13	5 6	25 9	1 29	23 33	1 42	4 1	2 14	13 0	1 26	19 28	1 49	16 5	0 12	3 4	2 2	32 56	15 19	20 40	20 31	1 55		n.a.
S 22	23 13	6 26	5 16	24 58	1 23	23 20	1 41	3 46	2 15	12 57	1 26	19 29	1 49	16 6	0 12	3 4	2 2	32 55	15 19	20 40	20 30	1 57		n.a.
S 23	23 18	1 17	5 6	24 46	1 18	23 5	1 40	3 31	2 15	12 54	1 25	19 30	1 50	16 7	0 12	3 4	2 2	32 54	15 19	20 40	20 30	2 0		n.a.
M24	23 23	3s57	4 37	24 33	1 12	22 51	1 38	3 16	2 15	12 51	1 25	19 30	1 50	16 8	0 12	3 5	2 2	32 53	15 18	20 40	20 29	2 2		n.a.
T 25	23 28	8 59	3 52	24 18	1 5	22 35	1 37	3 2	2 16	12 48	1 25	19 31	1 50	16 9	0 12	3 5	2 2	32 52	15 18	20 40	20 28	2 5		n.a.
W26	23 32	13 31	2 53	24 2	0 58	22 19	1 35	2 47	2 16	12 45	1 25	19 32	1 50	16 10	0 12	3 6	2 2	32 52	15 18	20 40	20 27	2 7		n.a.
T 27	23 36	17 16	1 43	23 44	0 51	22 2	1 34	2 32	2 16	12 42	1 25	19 33	1 51	16 11	0 12	3 6	2 2	32 51	15 17	20 40	20 27	2 9		n.a.
F 28	23 39	19 59	0 28	23 26	0 44	21 45	1 32	2 18	2 16	12 38	1 24	19 34	1 51	16 12	0 12	3 6	2 2	32 50	15 17	20 41	20 26	2 12		n.a.
S 29	23 42	21 28	0n48	23 7	0 36	21 27	1 30	2 3	2 17	12 35	1 24	19 35	1 51	16 13	0 12	3 7	2 2	32 49	15 17	20 41	20 25	2 14		n.a.
S 30	23n44	21s40	1n59	22n47	0n27	21n 9	1n28	1s49	2s17	12n32	1n24	19s35	1s51	16n14	0s12	3n 7	2s 2	32n49	15n16	20s40	20s25	2n16		n.a.

Julian Day Number = 1266472.5, Delta T = 08h21m16s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°16'00, Lahiri = -21°08'59 Julian Calendar 1 June 1246 BCE == Greg. Calendar 21 May 1246 BCE

The year -1245 astronomical counting style corresponds to year 1246 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1246 BCE
geocentric

JULY 1246 BCE (-1245) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 48 26	25♊49'12	6♉28	21♋18	4♌34	1♈17	1♍20	10°R47	14♉25	12♈26	9♌31	0°R49	29♏35	25♓12	n.a.	M 1
T 2	17 52 22	26°46'42	19°30	22°37	5°44	1°53	1°29	10♒45	14°28	12°27	9°33	0♐45	29°32	25°19	n.a.	T 2
W 3	17 56 19	27°44'14	2♒15	23°54	6°54	2°28	1°38	10°42	14°31	12°28	9°35	0°41	29°29	25°25	n.a.	W 3
T 4	18 0 16	28°41'47	14°44	25° 8	8° 4	3° 4	1°47	10°39	14°34	12°29	9°37	0°37	29°26	25°32	n.a.	T 4
F 5	18 4 12	29°39'21	26°59	26°21	9°14	3°39	1°55	10°36	14°37	12°29	9°38	0°33	29°22	25°39	n.a.	F 5
S 6	18 8 9	0♋36'58	9♓ 2	27°32	10°24	4°14	2° 5	10°33	14°39	12°30	9°40	0°30	29°19	25°46	n.a.	S 6
S 7	18 12 5	1°34'36	20°58	28°40	11°33	4°49	2°14	10°30	14°42	12°31	9°42	0°28	29°16	25°52	n.a.	S 7
M 8	18 16 2	2°32'15	2♈50	29°46	12°43	5°23	2°23	10°27	14°45	12°32	9°44	0°D27	29°13	25°59	n.a.	M 8
T 9	18 19 58	3°29'57	14°43	0♌49	13°52	5°58	2°32	10°24	14°47	12°32	9°46	0°28	29°10	26° 6	n.a.	T 9
W10	18 23 55	4°27'40	26°43	1°50	15° 2	6°32	2°42	10°21	14°50	12°33	9°48	0°29	29° 6	26°12	n.a.	W10
T 11	18 27 51	5°25'25	8♉55	2°49	16°11	7° 6	2°51	10°17	14°53	12°33	9°49	0°31	29° 3	26°19	n.a.	T 11
F 12	18 31 48	6°23'12	21°21	3°44	17°21	7°39	3° 1	10°14	14°55	12°34	9°51	0°32	29° 0	26°26	n.a.	F 12
S 13	18 35 45	7°21'00	4♊ 6	4°37	18°30	8°13	3°11	10°10	14°58	12°35	9°53	0°R32	28°57	26°33	n.a.	S 13
S 14	18 39 41	8°18'51	17°13	5°26	19°39	8°46	3°21	10° 7	15° 0	12°35	9°55	0°31	28°54	26°39	n.a.	S 14
M15	18 43 38	9°16'43	0♋40	6°13	20°48	9°19	3°31	10° 3	15° 2	12°36	9°57	0°28	28°51	26°46	n.a.	M15
T 16	18 47 34	10°14'37	14°29	6°55	21°57	9°51	3°41	10° 0	15° 5	12°36	9°59	0°23	28°47	26°53	n.a.	T 16
W17	18 51 31	11°12'33	28°34	7°34	23° 6	10°24	3°51	9°56	15° 7	12°36	10° 1	0°17	28°44	26°59	n.a.	W17
T 18	18 55 27	12°10'30	12♌52	8° 9	24°14	10°56	4° 1	9°52	15°10	12°37	10° 3	0°11	28°41	27° 6	n.a.	T 18
F 19	18 59 24	13° 8'29	27°17	8°40	25°23	11°27	4°11	9°48	15°12	12°37	10° 5	0° 5	28°38	27°13	n.a.	F 19
S 20	19 3 20	14° 6'29	11♍43	9° 7	26°32	11°59	4°22	9°44	15°14	12°37	10° 7	29♏59	28°35	27°20	n.a.	S 20
S 21	19 7 17	15° 4'31	26° 6	9°28	27°40	12°30	4°32	9°40	15°16	12°38	10° 9	29°56	28°32	27°26	n.a.	S 21
M22	19 11 14	16° 2'34	10♎22	9°45	28°48	13° 1	4°43	9°36	15°18	12°38	10°11	29°D55	28°28	27°33	n.a.	M22
T 23	19 15 10	17° 0'39	24°27	9°57	29°57	13°32	4°54	9°32	15°20	12°38	10°14	29°55	28°25	27°40	n.a.	T 23
W24	19 19 7	17°58'45	8♏23	10° 3	1♍ 5	14° 2	5° 4	9°28	15°23	12°38	10°16	29°56	28°22	27°46	n.a.	W24
T 25	19 23 3	18°56'53	22° 7	10°R 3	2°13	14°32	5°15	9°24	15°25	12°38	10°18	29°57	28°19	27°53	n.a.	T 25
F 26	19 27 0	19°55'03	5♐40	9°57	3°21	15° 2	5°26	9°19	15°27	12°39	10°20	29°R57	28°16	28° 0	n.a.	F 26
S 27	19 30 56	20°53'14	19° 2	9°45	4°28	15°31	5°37	9°15	15°28	12°39	10°22	29°55	28°12	28° 6	n.a.	S 27
S 28	19 34 53	21°51'27	2♑13	9°27	5°36	16° 0	5°48	9°11	15°30	12°39	10°24	29°51	28° 9	28°13	n.a.	S 28
M29	19 38 49	22°49'42	15°12	9° 2	6°43	16°29	5°59	9° 6	15°32	12°R39	10°26	29°45	28° 6	28°20	n.a.	M29
T 30	19 42 46	23°47'59	27°59	8°31	7°51	16°57	6°11	9° 2	15°34	12°39	10°28	29°36	28° 3	28°27	n.a.	T 30
W31	19 46 43	24♋46'17	10♒33	7♌54	8♍58	17♈25	6♍22	8♒57	15♉36	12♈39	10♌31	29♏27	28♏ 0	28♓33	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n46	20s38	3n 3	22n26	0n19	20n50	1n26	1s34	2s17	12n29	1n24	19s36	1s52	16n15	0s12	3n 7	2s 2	32n48	15n16	20s40	20s24	2n19			n.a.
T 2	23 48	18 30	3 56	22 4	0 10	20 30	1 24	1 20	2 17	12 25	1 24	19 37	1 52	16 15	0 12	3 7	2 2	32 47	15 16	20 39	20 23	2 21			n.a.
W 3	23 49	15 31	4 35	21 42	0 1	20 10	1 22	1 6	2 18	12 22	1 23	19 38	1 52	16 16	0 12	3 8	2 2	32 46	15 16	20 38	20 23	2 23			n.a.
T 4	23 50	11 53	5 1	21 20	0s 8	19 50	1 19	0 52	2 18	12 19	1 23	19 39	1 52	16 17	0 12	3 8	2 3	32 46	15 15	20 37	20 22	2 26			n.a.
F 5	23 50	7 50	5 12	20 57	0 18	19 29	1 17	0 38	2 18	12 15	1 23	19 40	1 52	16 18	0 12	3 8	2 3	32 45	15 15	20 36	20 21	2 28			n.a.
S 6	23 50	3 33	5 9	20 33	0 28	19 7	1 14	0 24	2 18	12 12	1 23	19 41	1 53	16 19	0 12	3 9	2 3	32 44	15 15	20 36	20 21	2 30			n.a.
S 7	23 50	0n50	4 53	20 10	0 38	18 45	1 12	0 10	2 18	12 8	1 22	19 42	1 53	16 20	0 12	3 9	2 3	32 43	15 15	20 35	20 20	2 33			n.a.
M 8	23 49	5 10	4 24	19 46	0 48	18 23	1 9	0n 4	2 19	12 5	1 22	19 43	1 53	16 20	0 12	3 9	2 3	32 42	15 14	20 35	20 19	2 35			n.a.
T 9	23 48	9 20	3 44	19 22	0 58	18 0	1 6	0 17	2 19	12 1	1 22	19 45	1 53	16 21	0 12	3 9	2 3	32 42	15 14	20 35	20 18	2 37			n.a.
W10	23 46	13 10	2 54	18 58	1 9	17 36	1 3	0 31	2 19	11 57	1 22	19 46	1 53	16 22	0 12	3 9	2 3	32 41	15 14	20 36	20 18	2 40			n.a.
T 11	23 44	16 31	1 55	18 34	1 19	17 13	1 0	0 44	2 19	11 54	1 22	19 47	1 54	16 23	0 12	3 10	2 3	32 40	15 14	20 36	20 17	2 42			n.a.
F 12	23 41	19 12	0 50	18 11	1 30	16 48	0 57	0 58	2 19	11 50	1 22	19 48	1 54	16 23	0 12	3 10	2 3	32 39	15 13	20 36	20 16	2 44			n.a.
S 13	23 38	21 0	0s19	17 48	1 41	16 24	0 54	1 11	2 19	11 46	1 21	19 49	1 54	16 24	0 12	3 10	2 3	32 39	15 13	20 36	20 16	2 47			n.a.
S 14	23 34	21 44	1 29	17 25	1 52	15 59	0 51	1 24	2 19	11 42	1 21	19 50	1 54	16 25	0 12	3 10	2 3	32 38	15 13	20 36	20 15	2 49			n.a.
M15	23 31	21 14	2 36	17 3	2 3	15 33	0 48	1 37	2 19	11 38	1 21	19 51	1 54	16 26	0 12	3 10	2 3	32 37	15 13	20 35	20 14	2 51			n.a.
T 16	23 26	19 28	3 36	16 42	2 14	15 8	0 44	1 50	2 19	11 35	1 21	19 53	1 55	16 26	0 12	3 10	2 3	32 36	15 13	20 34	20 13	2 54			n.a.
W17	23 22	16 30	4 23	16 21	2 25	14 41	0 41	2 3	2 19	11 31	1 21	19 54	1 55	16 27	0 12	3 10	2 3	32 36	15 13	20 33	20 13	2 56			n.a.
T 18	23 16	12 31	4 55	16 2	2 36	14 15	0 37	2 16	2 20	11 27	1 20	19 55	1 55	16 28	0 12	3 10	2 3	32 35	15 12	20 32	20 12	2 58			n.a.
F 19	23 11	7 48	5 8	15 43	2 47	13 48	0 34	2 28	2 20	11 23	1 20	19 56	1 55	16 28	0 12	3 10	2 4	32 34	15 12	20 30	20 11	3 1			n.a.
S 20	23 5	2 38	5 2	15 26	2 57	13 21	0 30	2 41	2 20	11 19	1 20	19 58	1 55	16 29	0 12	3 11	2 4	32 33	15 12	20 29	20 11	3 3			n.a.
S 21	22 58	2s39	4 37	15 10	3 7	12 54	0 26	2 53	2 20	11 15	1 20	19 59	1 56	16 30	0 12	3 11	2 4	32 32	15 12	20 29	20 10	3 5			n.a.
M22	22 51	7 46	3 55	14 56	3 18	12 26	0 23	3 5	2 20	11 11	1 20	20 0	1 56	16 30	0 12	3 11	2 4	32 32	15 12	20 28	20 9	3 8			n.a.
T 23	22 44	12 24	3 0	14 44	3 27	11 58	0 19	3 17	2 20	11 6	1 20	20 1	1 56	16 31	0 12	3 11	2 4	32 31	15 12	20 28	20 8	3 10			n.a.
W24	22 37	16 19	1 54	14 33	3 36	11 30	0 15	3 29	2 19	11 2	1 19	20 3	1 56	16 32	0 12	3 11	2 4	32 30	15 11	20 28	20 8	3 12			n.a.
T 25	22 29	19 17	0 42	14 25	3 45	11 1	0 11	3 41	2 19	10 58	1 19	20 4	1 56	16 32	0 12	3 11	2 4	32 29	15 11	20 29	20 7	3 14			n.a.
F 26	22 20	21 6	0n31	14 19	3 52	10 33	0 6	3 53	2 19	10 54	1 19	20 5	1 56	16 33	0 12	3 11	2 4	32 29	15 11	20 29	20 6	3 17			n.a.
S 27	22 11	21 42	1 41	14 16	3 59	10 4	0 2	4 4	2 19	10 50	1 19	20 7	1 56	16 33	0 12	3 11	2 4	32 28	15 11	20 28	20 6	3 19			n.a.
S 28	22 2	21 5	2 44	14 15	4 5	9 35	0s 2	4 16	2 19	10 45	1 19	20 8	1 57	16 34	0 12	3 11	2 4	32 27	15 11	20 28	20 5	3 21			n.a.
M29	21 52	19 21	3 38	14 17	4 10	9 5	0 6	4 27	2 19	10 41	1 19	20 9	1 57	16 35	0 12	3 10	2 4	32 27	15 11	20 26	20 4	3 24			n.a.
T 30	21 42	16 40	4 20	14 21	4 14	8 36	0 11	4 38	2 19	10 37	1 19	20 11	1 57	16 35	0 12	3 10	2 4	32 26	15 11	20 24	20 3	3 26			n.a.
W31	21n32	13s16	4n48	14n29	4s16	8n 6	0s15	4n49	2s19	10n32	1n18	20s12	1s57	16n36	0s12	3n10	2s 4	32n25	15n11	20s22	20s 3	3n28			n.a.

Julian Day Number = 1266502.5, Delta T = 08h21m15s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'56, Lahiri = -21°08'55 Julian Calendar 1 July 1246 BCE == Greg. Calendar 20 June 1246 BCE

The year -1245 astronomical counting style corresponds to year 1246 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1246 BCE
geocentric

AUGUST 1246 BCE (-1245) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 50 39	25♋44'38	22♒54	7°R11	10♍ 5	17♈53	6♍33	8°R53	15♉38	12°R39	10♌33	29°R16	27♏57	28♓40	n.a.	T 1
F 2	19 54 36	26°43'01	5♓ 4	6♌22	11°12	18°21	6°45	8♒48	15°39	12♈38	10°35	29♏ 6	27°53	28°47	n.a.	F 2
S 3	19 58 32	27°41'26	17° 4	5°29	12°19	18°48	6°56	8°44	15°41	12°38	10°37	28°58	27°50	28°53	n.a.	S 3
S 4	20 2 29	28°39'53	28°58	4°32	13°25	19°14	7° 8	8°39	15°42	12°38	10°39	28°51	27°47	29° 0	n.a.	S 4
M 5	20 6 25	29°38'22	10♈48	3°32	14°32	19°40	7°19	8°35	15°44	12°38	10°41	28°47	27°44	29° 7	n.a.	M 5
T 6	20 10 22	0♌36'54	22°40	2°30	15°38	20° 6	7°31	8°30	15°45	12°38	10°44	28°45	27°41	29°13	n.a.	T 6
W 7	20 14 18	1°35'28	4♉38	1°28	16°44	20°32	7°43	8°25	15°47	12°37	10°46	28°D45	27°38	29°20	n.a.	W 7
T 8	20 18 15	2°34'04	16°47	0°27	17°50	20°57	7°55	8°21	15°48	12°37	10°48	28°45	27°34	29°27	n.a.	T 8
F 9	20 22 12	3°32'43	29°13	29♋29	18°56	21°21	8° 7	8°16	15°50	12°37	10°50	28°R46	27°31	29°34	n.a.	F 9
S 10	20 26 8	4°31'25	12♊ 0	28°35	20° 1	21°45	8°18	8°11	15°51	12°36	10°53	28°45	27°28	29°40	n.a.	S 10
S 11	20 30 5	5°30'08	25°13	27°46	21° 7	22° 9	8°30	8° 7	15°52	12°36	10°55	28°42	27°25	29°47	n.a.	S 11
M12	20 34 1	6°28'54	8♋52	27° 4	22°12	22°32	8°43	8° 2	15°53	12°35	10°57	28°37	27°22	29°54	n.a.	M12
T 13	20 37 58	7°27'42	22°57	26°30	23°17	22°55	8°55	7°57	15°54	12°35	10°59	28°29	27°18	0♈ 0	n.a.	T 13
W14	20 41 54	8°26'33	7♌25	26° 4	24°22	23°17	9° 7	7°52	15°56	12°34	11° 1	28°19	27°15	0° 7	n.a.	W14
T 15	20 45 51	9°25'25	22° 9	25°48	25°27	23°39	9°19	7°48	15°57	12°34	11° 4	28° 8	27°12	0°14	n.a.	T 15
F 16	20 49 47	10°24'20	7♍ 1	25°D41	26°31	24° 1	9°31	7°43	15°58	12°33	11° 6	27°58	27° 9	0°21	n.a.	F 16
S 17	20 53 44	11°23'16	21°52	25°45	27°35	24°22	9°44	7°38	15°59	12°33	11° 8	27°49	27° 6	0°27	n.a.	S 17
S 18	20 57 40	12°22'15	6♎34	25°58	28°39	24°42	9°56	7°34	15°59	12°32	11°10	27°42	27° 3	0°34	n.a.	S 18
M19	21 1 37	13°21'15	21° 2	26°21	29°43	25° 2	10° 8	7°29	16° 0	12°31	11°13	27°39	26°59	0°41	n.a.	M19
T 20	21 5 34	14°20'17	5♏12	26°54	0♎47	25°21	10°21	7°24	16° 1	12°31	11°15	27°37	26°56	0°47	n.a.	T 20
W21	21 9 30	15°19'21	19° 3	27°35	1°50	25°40	10°33	7°20	16° 2	12°30	11°17	27°D37	26°53	0°54	n.a.	W21
T 22	21 13 27	16°18'28	2♐36	28°25	2°53	25°58	10°46	7°15	16° 2	12°29	11°19	27°R37	26°50	1° 1	n.a.	T 22
F 23	21 17 23	17°17'36	15°53	29°23	3°56	26°15	10°58	7°10	16° 3	12°28	11°22	27°36	26°47	1° 7	n.a.	F 23
S 24	21 21 20	18°16'46	28°56	0♌28	4°58	26°32	11°11	7° 6	16° 4	12°27	11°24	27°33	26°44	1°14	n.a.	S 24
S 25	21 25 16	19°15'58	11♑47	1°40	6° 0	26°49	11°24	7° 1	16° 4	12°27	11°26	27°26	26°40	1°21	n.a.	S 25
M26	21 29 13	20°15'11	24°27	2°57	7° 2	27° 5	11°36	6°57	16° 5	12°26	11°28	27°17	26°37	1°28	n.a.	M26
T 27	21 33 9	21°14'27	6♒56	4°20	8° 4	27°20	11°49	6°52	16° 5	12°25	11°30	27° 6	26°34	1°34	n.a.	T 27
W28	21 37 6	22°13'46	19°16	5°46	9° 5	27°35	12° 2	6°48	16° 5	12°24	11°33	26°52	26°31	1°41	n.a.	W28
T 29	21 41 2	23°13'06	1♓27	7°17	10° 6	27°49	12°15	6°43	16° 6	12°23	11°35	26°38	26°28	1°48	n.a.	T 29
F 30	21 44 59	24°12'28	13°30	8°51	11° 7	28° 2	12°28	6°39	16° 6	12°22	11°37	26°24	26°24	1°54	n.a.	F 30
S 31	21 48 56	25♌11'53	25♓26	10♌27	12♎ 7	28♈15	12♍40	6♒35	16♉ 6	12♈21	11♌39	26♏12	26♏21	2♈ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n21	9s21	5n 3	14n40	4s16	7n36	0s20	5n 0	2s19	10n28	1n18	20s13	1s57	16n36	0s12	3n10	2s 4	32n24	15n11	20s20	20s 2	3n31			n.a.
F 2	21 10	5 7	5 3	14 53	4 15	7 6	0 25	5 11	2 19	10 23	1 18	20 15	1 57	16 37	0 12	3 10	2 5	32 24	15 11	20 18	20 1	3 33			n.a.
S 3	20 58	0 45	4 50	15 9	4 12	6 36	0 29	5 21	2 18	10 19	1 18	20 16	1 57	16 37	0 12	3 10	2 5	32 23	15 11	20 16	20 1	3 35			n.a.
S 4	20 46	3n36	4 24	15 28	4 6	6 6	0 34	5 32	2 18	10 14	1 18	20 17	1 57	16 38	0 12	3 10	2 5	32 22	15 10	20 14	20 0	3 37			n.a.
M 5	20 34	7 49	3 47	15 49	3 59	5 36	0 39	5 42	2 18	10 10	1 18	20 19	1 58	16 38	0 12	3 10	2 5	32 22	15 10	20 13	19 59	3 40			n.a.
T 6	20 21	11 44	3 0	16 12	3 50	5 5	0 44	5 52	2 18	10 5	1 18	20 20	1 58	16 38	0 12	3 10	2 5	32 21	15 10	20 13	19 58	3 42			n.a.
W 7	20 8	15 14	2 5	16 37	3 39	4 35	0 48	6 2	2 18	10 1	1 17	20 21	1 58	16 39	0 12	3 9	2 5	32 20	15 10	20 13	19 58	3 44			n.a.
T 8	19 55	18 9	1 4	17 2	3 26	4 4	0 53	6 11	2 17	9 56	1 17	20 23	1 58	16 39	0 12	3 9	2 5	32 19	15 10	20 13	19 57	3 47			n.a.
F 9	19 41	20 17	0s 2	17 29	3 11	3 34	0 58	6 21	2 17	9 52	1 17	20 24	1 58	16 40	0 12	3 9	2 5	32 19	15 10	20 13	19 56	3 49			n.a.
S 10	19 27	21 27	1 10	17 56	2 55	3 3	1 3	6 30	2 17	9 47	1 17	20 25	1 58	16 40	0 12	3 9	2 5	32 18	15 10	20 13	19 55	3 51			n.a.
S 11	19 13	21 29	2 16	18 23	2 38	2 32	1 9	6 40	2 16	9 42	1 17	20 27	1 58	16 40	0 12	3 9	2 5	32 17	15 10	20 12	19 55	3 53			n.a.
M12	18 58	20 17	3 16	18 49	2 19	2 1	1 14	6 49	2 16	9 37	1 17	20 28	1 58	16 41	0 12	3 8	2 5	32 17	15 10	20 11	19 54	3 56			n.a.
T 13	18 43	17 48	4 6	19 14	2 1	1 30	1 19	6 58	2 16	9 33	1 17	20 29	1 58	16 41	0 12	3 8	2 5	32 16	15 10	20 9	19 53	3 58			n.a.
W14	18 27	14 11	4 42	19 38	1 41	1 0	1 24	7 6	2 15	9 28	1 17	20 31	1 58	16 41	0 12	3 8	2 5	32 15	15 10	20 7	19 52	4 0			n.a.
T 15	18 12	9 38	5 0	20 0	1 22	0 29	1 29	7 15	2 15	9 23	1 17	20 32	1 58	16 42	0 12	3 7	2 5	32 15	15 10	20 5	19 52	4 2			n.a.
F 16	17 56	4 29	4 58	20 20	1 3	0s 2	1 35	7 23	2 15	9 18	1 16	20 33	1 59	16 42	0 12	3 7	2 5	32 14	15 10	20 2	19 51	4 5			n.a.
S 17	17 39	0s56	4 36	20 37	0 44	0 33	1 40	7 31	2 14	9 14	1 16	20 35	1 59	16 42	0 12	3 7	2 6	32 14	15 11	20 0	19 50	4 7			n.a.
S 18	17 22	6 15	3 56	20 53	0 27	1 4	1 45	7 39	2 14	9 9	1 16	20 36	1 59	16 42	0 12	3 7	2 6	32 13	15 11	19 59	19 50	4 9			n.a.
M19	17 5	11 7	3 1	21 5	0 9	1 34	1 50	7 47	2 13	9 4	1 16	20 37	1 59	16 43	0 12	3 6	2 6	32 12	15 11	19 58	19 49	4 12			n.a.
T 20	16 48	15 17	1 56	21 15	0n 7	2 5	1 56	7 54	2 13	8 59	1 16	20 38	1 59	16 43	0 12	3 6	2 6	32 12	15 11	19 57	19 48	4 14			n.a.
W21	16 31	18 30	0 45	21 21	0 22	2 35	2 1	8 2	2 12	8 54	1 16	20 40	1 59	16 43	0 12	3 6	2 6	32 11	15 11	19 57	19 47	4 16			n.a.
T 22	16 13	20 36	0n26	21 25	0 36	3 6	2 7	8 9	2 12	8 49	1 16	20 41	1 59	16 43	0 12	3 5	2 6	32 10	15 11	19 57	19 47	4 18			n.a.
F 23	15 55	21 30	1 35	21 25	0 49	3 36	2 12	8 16	2 11	8 44	1 16	20 42	1 59	16 44	0 12	3 5	2 6	32 10	15 11	19 57	19 46	4 21			n.a.
S 24	15 36	21 13	2 37	21 22	1 1	4 6	2 17	8 23	2 11	8 39	1 16	20 43	1 59	16 44	0 12	3 4	2 6	32 9	15 11	19 56	19 45	4 23			n.a.
S 25	15 18	19 49	3 31	21 16	1 11	4 36	2 23	8 29	2 10	8 34	1 16	20 45	1 59	16 44	0 12	3 4	2 6	32 9	15 11	19 55	19 44	4 25			n.a.
M26	14 59	17 27	4 13	21 8	1 20	5 6	2 28	8 36	2 9	8 29	1 16	20 46	1 59	16 44	0 12	3 4	2 6	32 8	15 11	19 53	19 44	4 27			n.a.
T 27	14 39	14 19	4 42	20 56	1 28	5 36	2 34	8 42	2 9	8 24	1 15	20 47	1 59	16 44	0 12	3 3	2 6	32 8	15 11	19 50	19 43	4 30			n.a.
W28	14 20	10 36	4 57	20 41	1 35	6 5	2 39	8 48	2 8	8 19	1 15	20 48	1 59	16 44	0 12	3 3	2 6	32 7	15 12	19 47	19 42	4 32			n.a.
T 29	14 0	6 30	4 59	20 23	1 41	6 35	2 45	8 54	2 7	8 14	1 15	20 49	1 59	16 44	0 12	3 2	2 6	32 7	15 12	19 44	19 41	4 34			n.a.
F 30	13 40	2 11	4 47	20 3	1 46	7 4	2 50	8 59	2 7	8 9	1 15	20 50	1 59	16 44	0 12	3 2	2 6	32 6	15 12	19 41	19 41	4 36			n.a.
S 31	13n20	2n 9	4n22	19n40	1n49	7s33	2s56	9n 4	2s 6	8n 4	1n15	20s51	1s59	16n44	0s12	3n 2	2s 6	32n 5	15n12	19s38	19s40	4n39			n.a.

Julian Day Number = 1266533.5, Delta T = 08h21m13s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'51, Lahiri = -21°08'51 Julian Calendar 1 Aug. 1246 BCE == Greg. Calendar 21 July 1246 BCE

The year -1245 astronomical counting style corresponds to year 1246 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1246 BCE
geocentric

SEPTEMBER 1246 BCE (-1245) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 52 52	26♌11'20	7♈17	12♌ 6	13♎ 7	28♈27	12♍53	6°R30	16♉ 6	12°R20	11♌41	26°R 2	26♏18	2♈ 8	n.a.	S 1
M 2	21 56 49	27°10'49	19° 5	13°46	14° 6	28°38	13° 6	6♒26	16° 6	12♈19	11°44	25♏55	26°15	2°14	n.a.	M 2
T 3	22 0 45	28°10'21	0♉55	15°28	15° 5	28°49	13°19	6°22	16°R 6	12°18	11°46	25°51	26°12	2°21	n.a.	T 3
W 4	22 4 42	29° 9'55	12°51	17°10	16° 4	28°59	13°32	6°18	16° 6	12°17	11°48	25°49	26° 9	2°28	n.a.	W 4
T 5	22 8 38	0♍ 9'32	24°57	18°53	17° 2	29° 8	13°45	6°14	16° 6	12°15	11°50	25°49	26° 5	2°34	n.a.	T 5
F 6	22 12 35	1° 9'11	7♊19	20°37	18° 0	29°16	13°58	6° 9	16° 6	12°14	11°52	25°49	26° 2	2°41	n.a.	F 6
S 7	22 16 31	2° 8'52	20° 3	22°21	18°58	29°24	14°11	6° 6	16° 6	12°13	11°54	25°48	25°59	2°48	n.a.	S 7
S 8	22 20 28	3° 8'36	3♋12	24° 6	19°55	29°31	14°24	6° 2	16° 6	12°12	11°57	25°45	25°56	2°55	n.a.	S 8
M 9	22 24 25	4° 8'23	16°51	25°50	20°51	29°37	14°37	5°58	16° 6	12°11	11°59	25°40	25°53	3° 1	n.a.	M 9
T 10	22 28 21	5° 8'12	0♌59	27°34	21°47	29°42	14°51	5°54	16° 5	12° 9	12° 1	25°32	25°49	3° 8	n.a.	T 10
W11	22 32 18	6° 8'03	15°36	29°18	22°43	29°47	15° 4	5°50	16° 5	12° 8	12° 3	25°22	25°46	3°15	n.a.	W11
T 12	22 36 14	7° 7'56	0♍33	1♍ 1	23°38	29°50	15°17	5°46	16° 4	12° 7	12° 5	25°10	25°43	3°21	n.a.	T 12
F 13	22 40 11	8° 7'51	15°44	2°44	24°32	29°53	15°30	5°43	16° 4	12° 5	12° 7	24°59	25°40	3°28	n.a.	F 13
S 14	22 44 7	9° 7'49	0♎56	4°27	25°26	29°55	15°43	5°39	16° 3	12° 4	12° 9	24°49	25°37	3°35	n.a.	S 14
S 15	22 48 4	10° 7'48	16° 0	6° 9	26°20	29°57	15°56	5°36	16° 3	12° 3	12°11	24°42	25°34	3°41	n.a.	S 15
M16	22 52 0	11° 7'49	0♏46	7°51	27°12	29°R57	16°10	5°33	16° 2	12° 1	12°13	24°38	25°30	3°48	n.a.	M16
T 17	22 55 57	12° 7'52	15°10	9°32	28° 4	29°56	16°23	5°29	16° 2	12° 0	12°15	24°36	25°27	3°55	n.a.	T 17
W18	22 59 53	13° 7'57	29° 9	11°13	28°56	29°55	16°36	5°26	16° 1	11°58	12°17	24°D36	25°24	4° 2	n.a.	W18
T 19	23 3 50	14° 8'04	12♐44	12°53	29°46	29°53	16°49	5°23	16° 0	11°57	12°19	24°R36	25°21	4° 8	n.a.	T 19
F 20	23 7 47	15° 8'12	25°57	14°33	0♏36	29°50	17° 3	5°20	15°59	11°56	12°21	24°35	25°18	4°15	n.a.	F 20
S 21	23 11 43	16° 8'22	8♑51	16°12	1°26	29°46	17°16	5°17	15°58	11°54	12°23	24°33	25°15	4°22	n.a.	S 21
S 22	23 15 40	17° 8'34	21°29	17°50	2°14	29°41	17°29	5°14	15°57	11°53	12°25	24°28	25°11	4°28	n.a.	S 22
M23	23 19 36	18° 8'47	3♒55	19°28	3° 2	29°35	17°42	5°11	15°56	11°51	12°27	24°21	25° 8	4°35	n.a.	M23
T 24	23 23 33	19° 9'02	16°11	21° 6	3°48	29°28	17°56	5° 8	15°55	11°49	12°29	24°11	25° 5	4°42	n.a.	T 24
W25	23 27 29	20° 9'19	28°18	22°43	4°34	29°21	18° 9	5° 6	15°54	11°48	12°31	23°59	25° 2	4°48	n.a.	W25
T 26	23 31 26	21° 9'37	10♓19	24°20	5°19	29°13	18°22	5° 3	15°53	11°46	12°32	23°46	24°59	4°55	n.a.	T 26
F 27	23 35 22	22° 9'58	22°15	25°56	6° 3	29° 3	18°35	5° 1	15°52	11°45	12°34	23°34	24°55	5° 2	n.a.	F 27
S 28	23 39 19	23°10'20	4♈ 7	27°32	6°46	28°53	18°49	4°58	15°51	11°43	12°36	23°23	24°52	5° 8	n.a.	S 28
S 29	23 43 15	24°10'44	15°57	29° 7	7°28	28°42	19° 2	4°56	15°49	11°42	12°38	23°15	24°49	5°15	n.a.	S 29
M30	23 47 12	25♍11'10	27♈46	0♎42	8♏ 8	28♈30	19♍15	4♒54	15♉48	11♈40	12♌40	23♏ 9	24♏46	5♈22	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n 0	6n24	3n47	19n15	1n52	8s 2	3s 1	9n 9	2s 5	7n59	1n15	20s53	1s59	16n45	0s12	3n 1	2s 6	32n 5	15n12	19s35	19s39	4n41		n.a.
M 2	12 39	10 23	3 1	18 47	1 54	8 30	3 6	9 14	2 4	7 54	1 15	20 54	1 59	16 45	0 12	3 1	2 6	32 4	15 12	19 34	19 38	4 43		n.a.
T 3	12 18	13 59	2 8	18 18	1 55	8 59	3 12	9 19	2 3	7 49	1 15	20 55	1 59	16 45	0 12	3 0	2 6	32 4	15 13	19 33	19 38	4 45		n.a.
W 4	11 57	17 2	1 8	17 47	1 56	9 27	3 17	9 23	2 2	7 44	1 15	20 56	1 59	16 45	0 12	3 0	2 7	32 3	15 13	19 32	19 37	4 47		n.a.
T 5	11 36	19 24	0 5	17 14	1 55	9 54	3 22	9 27	2 2	7 38	1 15	20 57	1 59	16 45	0 12	2 59	2 7	32 3	15 13	19 32	19 36	4 50		n.a.
F 6	11 15	20 54	1s 1	16 40	1 54	10 22	3 28	9 31	2 1	7 33	1 15	20 58	1 59	16 44	0 12	2 59	2 7	32 3	15 13	19 32	19 35	4 52		n.a.
S 7	10 53	21 23	2 5	16 4	1 53	10 49	3 33	9 35	2 0	7 28	1 15	20 59	1 59	16 44	0 12	2 58	2 7	32 2	15 13	19 32	19 34	4 54		n.a.
S 8	10 31	20 44	3 4	15 27	1 51	11 16	3 38	9 38	1 59	7 23	1 15	21 0	1 59	16 44	0 12	2 58	2 7	32 2	15 14	19 31	19 34	4 56		n.a.
M 9	10 9	18 52	3 55	14 49	1 48	11 43	3 43	9 42	1 57	7 18	1 15	21 1	1 59	16 44	0 12	2 57	2 7	32 1	15 14	19 30	19 33	4 59		n.a.
T 10	9 47	15 49	4 34	14 10	1 45	12 9	3 48	9 45	1 56	7 13	1 15	21 2	1 59	16 44	0 12	2 57	2 7	32 1	15 14	19 28	19 32	5 1		n.a.
W11	9 25	11 43	4 57	13 30	1 42	12 35	3 54	9 47	1 55	7 7	1 15	21 3	1 59	16 44	0 12	2 56	2 7	32 0	15 14	19 25	19 31	5 3		n.a.
T 12	9 2	6 48	5 0	12 49	1 38	13 0	3 59	9 50	1 54	7 2	1 15	21 3	1 59	16 44	0 12	2 55	2 7	32 0	15 15	19 23	19 31	5 5		n.a.
F 13	8 40	1 24	4 42	12 7	1 34	13 26	4 3	9 52	1 53	6 57	1 14	21 4	1 59	16 44	0 12	2 55	2 7	32 0	15 15	19 20	19 30	5 7		n.a.
S 14	8 17	4s 6	4 4	11 25	1 29	13 50	4 8	9 54	1 52	6 52	1 14	21 5	1 59	16 44	0 12	2 54	2 7	31 59	15 15	19 18	19 29	5 10		n.a.
S 15	7 54	9 18	3 9	10 43	1 25	14 15	4 13	9 55	1 50	6 46	1 14	21 6	1 58	16 43	0 12	2 54	2 7	31 59	15 15	19 16	19 28	5 12		n.a.
M16	7 31	13 51	2 3	10 0	1 20	14 39	4 18	9 57	1 49	6 41	1 14	21 7	1 58	16 43	0 12	2 53	2 7	31 58	15 16	19 15	19 28	5 14		n.a.
T 17	7 7	17 27	0 50	9 16	1 14	15 2	4 23	9 58	1 48	6 36	1 14	21 8	1 58	16 43	0 12	2 53	2 7	31 58	15 16	19 14	19 27	5 16		n.a.
W18	6 44	19 55	0n24	8 32	1 9	15 25	4 27	9 59	1 46	6 31	1 14	21 8	1 58	16 43	0 12	2 52	2 7	31 58	15 16	19 14	19 26	5 18		n.a.
T 19	6 21	21 8	1 35	7 48	1 3	15 48	4 32	9 59	1 45	6 25	1 14	21 9	1 58	16 43	0 12	2 51	2 7	31 57	15 17	19 14	19 25	5 21		n.a.
F 20	5 57	21 8	2 38	7 4	0 57	16 10	4 36	10 0	1 43	6 20	1 14	21 10	1 58	16 42	0 12	2 51	2 7	31 57	15 17	19 14	19 24	5 23		n.a.
S 21	5 33	20 1	3 32	6 19	0 51	16 32	4 40	10 0	1 41	6 15	1 14	21 10	1 58	16 42	0 12	2 50	2 7	31 57	15 17	19 13	19 24	5 25		n.a.
S 22	5 10	17 54	4 15	5 35	0 45	16 53	4 44	9 59	1 40	6 10	1 14	21 11	1 58	16 42	0 12	2 49	2 7	31 57	15 17	19 12	19 23	5 27		n.a.
M23	4 46	15 0	4 44	4 50	0 39	17 14	4 48	9 59	1 38	6 4	1 14	21 12	1 58	16 42	0 12	2 49	2 7	31 56	15 18	19 10	19 22	5 29		n.a.
T 24	4 22	11 29	5 0	4 5	0 33	17 34	4 52	9 58	1 36	5 59	1 14	21 12	1 58	16 41	0 12	2 48	2 7	31 56	15 18	19 8	19 21	5 32		n.a.
W25	3 58	7 33	5 2	3 21	0 27	17 53	4 56	9 57	1 35	5 54	1 14	21 13	1 58	16 41	0 12	2 48	2 7	31 56	15 18	19 5	19 21	5 34		n.a.
T 26	3 34	3 21	4 50	2 36	0 20	18 12	5 0	9 56	1 33	5 49	1 14	21 13	1 58	16 41	0 12	2 47	2 7	31 55	15 19	19 2	19 20	5 36		n.a.
F 27	3 10	0n57	4 26	1 51	0 14	18 31	5 3	9 54	1 31	5 43	1 14	21 14	1 58	16 40	0 12	2 46	2 7	31 55	15 19	18 59	19 19	5 38		n.a.
S 28	2 45	5 11	3 51	1 6	0 7	18 48	5 6	9 53	1 29	5 38	1 14	21 14	1 57	16 40	0 12	2 46	2 7	31 55	15 20	18 56	19 18	5 40		n.a.
S 29	2 21	9 13	3 5	0 22	0 1	19 6	5 10	9 50	1 27	5 33	1 14	21 15	1 57	16 40	0 12	2 45	2 7	31 55	15 20	18 54	19 17	5 42		n.a.
M30	1n57	12n54	2n11	0s23	0s 6	19s22	5s13	9n48	1s25	5n27	1n14	21s15	1s57	16n39	0s12	2n44	2s 7	31n55	15n20	18s52	19s17	5n45		n.a.

Julian Day Number = 1266564.5, Delta T = 08h21m11s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'47, Lahiri = -21°08'47 Julian Calendar 1 Sept. 1246 BCE == Greg. Calendar 21 Aug. 1246 BCE

The year -1245 astronomical counting style corresponds to year 1246 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1246 BCE
geocentric

OCTOBER 1246 BCE (-1245) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 51 9	26♍11'38	9♉38	2♎17	8♏48	28°R18	19♍28	4°R52	15°R47	11°R38	12♌41	23°R 5	24♏43	5♈29	n.a.	T 1
W 2	23 55 5	27°12'08	21°35	3°51	9°26	28♈ 4	19°41	4♒50	15♉45	11♈37	12°43	23°D 4	24°40	5°35	n.a.	W 2
T 3	23 59 2	28°12'40	3♊41	5°25	10° 3	27°50	19°55	4°48	15°44	11°35	12°45	23♏ 5	24°36	5°42	n.a.	T 3
F 4	0 2 58	29°13'14	16° 2	6°59	10°39	27°35	20° 8	4°46	15°42	11°33	12°47	23° 6	24°33	5°49	n.a.	F 4
S 5	0 6 55	0♎13'50	28°41	8°32	11°14	27°19	20°21	4°45	15°41	11°32	12°48	23°R 6	24°30	5°55	n.a.	S 5
S 6	0 10 51	1°14'28	11♋44	10° 5	11°47	27° 3	20°34	4°43	15°39	11°30	12°50	23° 6	24°27	6° 2	n.a.	S 6
M 7	0 14 48	2°15'08	25°15	11°38	12°19	26°45	20°47	4°42	15°37	11°28	12°52	23° 3	24°24	6° 9	n.a.	M 7
T 8	0 18 44	3°15'50	9♌14	13°10	12°49	26°28	21° 0	4°40	15°36	11°27	12°53	22°59	24°20	6°15	n.a.	T 8
W 9	0 22 41	4°16'33	23°43	14°42	13°18	26° 9	21°14	4°39	15°34	11°25	12°55	22°52	24°17	6°22	n.a.	W 9
T 10	0 26 38	5°17'19	8♍36	16°14	13°45	25°50	21°27	4°38	15°32	11°23	12°56	22°45	24°14	6°29	n.a.	T 10
F 11	0 30 34	6°18'06	23°47	17°46	14°10	25°30	21°40	4°37	15°30	11°22	12°58	22°37	24°11	6°35	n.a.	F 11
S 12	0 34 31	7°18'54	9♎ 6	19°17	14°34	25° 9	21°53	4°36	15°29	11°20	12°59	22°31	24° 8	6°42	n.a.	S 12
S 13	0 38 27	8°19'44	24°21	20°48	14°56	24°48	22° 6	4°35	15°27	11°18	13° 1	22°26	24° 5	6°49	n.a.	S 13
M14	0 42 24	9°20'35	9♏22	22°19	15°16	24°27	22°19	4°35	15°25	11°17	13° 2	22°23	24° 1	6°55	n.a.	M14
T 15	0 46 20	10°21'28	24° 1	23°49	15°34	24° 5	22°32	4°34	15°23	11°15	13° 4	22°D23	23°58	7° 2	n.a.	T 15
W16	0 50 17	11°22'22	8♐15	25°20	15°50	23°43	22°45	4°33	15°21	11°13	13° 5	22°23	23°55	7° 9	n.a.	W16
T 17	0 54 13	12°23'17	22° 0	26°49	16° 4	23°21	22°58	4°33	15°19	11°11	13° 6	22°25	23°52	7°16	n.a.	T 17
F 18	0 58 10	13°24'13	5♑20	28°19	16°15	22°58	23°10	4°33	15°17	11°10	13° 8	22°26	23°49	7°22	n.a.	F 18
S 19	1 2 7	14°25'10	18°16	29°48	16°25	22°35	23°23	4°33	15°15	11° 8	13° 9	22°R26	23°46	7°29	n.a.	S 19
S 20	1 6 3	15°26'08	0♒52	1♏17	16°32	22°12	23°36	4°D33	15°13	11° 6	13°10	22°25	23°42	7°36	n.a.	S 20
M21	1 10 0	16°27'07	13°12	2°45	16°37	21°48	23°49	4°33	15°10	11° 5	13°12	22°22	23°39	7°42	n.a.	M21
T 22	1 13 56	17°28'06	25°20	4°13	16°40	21°25	24° 2	4°33	15° 8	11° 3	13°13	22°17	23°36	7°49	n.a.	T 22
W23	1 17 53	18°29'07	7♓19	5°40	16°R40	21° 2	24°14	4°33	15° 6	11° 1	13°14	22°11	23°33	7°56	n.a.	W23
T 24	1 21 49	19°30'08	19°14	7° 6	16°38	20°38	24°27	4°34	15° 4	11° 0	13°15	22° 5	23°30	8° 2	n.a.	T 24
F 25	1 25 46	20°31'11	1♈ 5	8°31	16°33	20°15	24°39	4°34	15° 2	10°58	13°16	21°59	23°26	8° 9	n.a.	F 25
S 26	1 29 42	21°32'14	12°55	9°56	16°26	19°52	24°52	4°35	14°59	10°56	13°17	21°54	23°23	8°16	n.a.	S 26
S 27	1 33 39	22°33'19	24°46	11°19	16°16	19°29	25° 5	4°35	14°57	10°55	13°18	21°49	23°20	8°22	n.a.	S 27
M28	1 37 36	23°34'24	6♉40	12°41	16° 4	19° 6	25°17	4°36	14°55	10°53	13°19	21°47	23°17	8°29	n.a.	M28
T 29	1 41 32	24°35'31	18°39	14° 2	15°49	18°44	25°29	4°37	14°52	10°51	13°20	21°D46	23°14	8°36	n.a.	T 29
W30	1 45 29	25°36'38	0♊44	15°20	15°32	18°22	25°42	4°38	14°50	10°50	13°21	21°46	23°11	8°42	n.a.	W30
T 31	1 49 25	26♎37'47	12♊59	16♏37	15♏12	18♈ 0	25♍54	4♒39	14♉48	10♈48	13♌22	21♏47	23♏ 7	8♈49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n32	16n 4	1n12	1s 7	0s13	19s38	5s15	9n45	1s23	5n22	1n14	21s16	1s57	16n39	0s12	2n44	2s 7	31n54	15n21	18s51	19s16	5n47			n.a.
W 2	1 8	18 35	0 8	1 51	0 19	19 53	5 18	9 43	1 21	5 17	1 14	21 16	1 57	16 38	0 12	2 43	2 7	31 54	15 21	18 51	19 15	5 49			n.a.
T 3	0 43	20 19	0s57	2 35	0 26	20 8	5 20	9 39	1 19	5 12	1 14	21 16	1 57	16 38	0 12	2 42	2 7	31 54	15 21	18 51	19 14	5 51			n.a.
F 4	0 19	21 6	2 0	3 18	0 32	20 21	5 23	9 36	1 17	5 6	1 14	21 17	1 57	16 37	0 12	2 42	2 8	31 54	15 22	18 51	19 14	5 53			n.a.
S 5	0s 6	20 50	3 0	4 2	0 39	20 35	5 25	9 32	1 14	5 1	1 14	21 17	1 57	16 37	0 12	2 41	2 8	31 54	15 22	18 52	19 13	5 55			n.a.
S 6	0 30	19 28	3 52	4 45	0 45	20 47	5 26	9 28	1 12	4 56	1 14	21 17	1 57	16 37	0 12	2 40	2 8	31 54	15 23	18 51	19 12	5 58			n.a.
M 7	0 55	16 59	4 33	5 27	0 51	20 58	5 28	9 24	1 10	4 51	1 14	21 17	1 56	16 36	0 12	2 40	2 8	31 54	15 23	18 51	19 11	6 0			n.a.
T 8	1 19	13 26	4 59	6 10	0 57	21 9	5 29	9 20	1 7	4 45	1 14	21 18	1 56	16 36	0 12	2 39	2 8	31 53	15 23	18 50	19 10	6 2			n.a.
W 9	1 44	9 0	5 8	6 52	1 4	21 19	5 30	9 15	1 5	4 40	1 14	21 18	1 56	16 35	0 12	2 38	2 8	31 53	15 24	18 48	19 10	6 4			n.a.
T 10	2 8	3 55	4 56	7 33	1 10	21 28	5 30	9 11	1 2	4 35	1 14	21 18	1 56	16 35	0 12	2 38	2 8	31 53	15 24	18 46	19 9	6 6			n.a.
F 11	2 33	1s31	4 24	8 15	1 16	21 36	5 31	9 6	1 0	4 30	1 14	21 18	1 56	16 34	0 12	2 37	2 8	31 53	15 25	18 44	19 8	6 8			n.a.
S 12	2 57	6 54	3 32	8 55	1 21	21 44	5 31	9 0	0 57	4 25	1 14	21 18	1 56	16 33	0 12	2 36	2 8	31 53	15 25	18 42	19 7	6 11			n.a.
S 13	3 21	11 51	2 26	9 36	1 27	21 50	5 30	8 55	0 55	4 19	1 14	21 18	1 56	16 33	0 12	2 36	2 8	31 53	15 26	18 41	19 6	6 13			n.a.
M14	3 46	15 57	1 10	10 15	1 32	21 55	5 30	8 50	0 52	4 14	1 14	21 18	1 56	16 32	0 12	2 35	2 8	31 53	15 26	18 40	19 6	6 15			n.a.
T 15	4 10	18 57	0n 9	10 54	1 38	22 0	5 29	8 44	0 49	4 9	1 15	21 18	1 55	16 32	0 12	2 34	2 8	31 53	15 27	18 40	19 5	6 17			n.a.
W16	4 34	20 39	1 25	11 33	1 43	22 3	5 27	8 38	0 47	4 4	1 15	21 18	1 55	16 31	0 12	2 34	2 8	31 53	15 27	18 40	19 4	6 19			n.a.
T 17	4 58	21 2	2 34	12 11	1 48	22 6	5 25	8 32	0 44	3 59	1 15	21 18	1 55	16 31	0 12	2 33	2 8	31 53	15 28	18 41	19 3	6 21			n.a.
F 18	5 23	20 12	3 32	12 48	1 53	22 7	5 23	8 26	0 41	3 54	1 15	21 18	1 55	16 30	0 12	2 32	2 8	31 53	15 28	18 41	19 2	6 23			n.a.
S 19	5 47	18 19	4 18	13 25	1 57	22 7	5 20	8 20	0 38	3 48	1 15	21 18	1 55	16 29	0 12	2 32	2 8	31 53	15 28	18 41	19 2	6 26			n.a.
S 20	6 11	15 35	4 50	14 0	2 1	22 6	5 17	8 14	0 36	3 43	1 15	21 18	1 55	16 29	0 12	2 31	2 8	31 53	15 29	18 41	19 1	6 28			n.a.
M21	6 34	12 14	5 7	14 35	2 5	22 4	5 13	8 8	0 33	3 38	1 15	21 18	1 55	16 28	0 12	2 30	2 8	31 53	15 29	18 40	19 0	6 30			n.a.
T 22	6 58	8 25	5 11	15 9	2 9	22 1	5 9	8 1	0 30	3 33	1 15	21 18	1 55	16 27	0 12	2 30	2 8	31 53	15 30	18 39	18 59	6 32			n.a.
W23	7 22	4 19	5 1	15 42	2 12	21 56	5 4	7 55	0 27	3 28	1 15	21 18	1 54	16 27	0 12	2 29	2 8	31 54	15 30	18 37	18 58	6 34			n.a.
T 24	7 45	0 5	4 38	16 14	2 15	21 50	4 58	7 49	0 25	3 23	1 15	21 17	1 54	16 26	0 12	2 28	2 8	31 54	15 31	18 36	18 58	6 36			n.a.
F 25	8 9	4n 8	4 2	16 45	2 17	21 43	4 53	7 42	0 22	3 18	1 15	21 17	1 54	16 25	0 12	2 28	2 8	31 54	15 31	18 34	18 57	6 38			n.a.
S 26	8 32	8 12	3 17	17 14	2 20	21 35	4 46	7 36	0 19	3 13	1 15	21 17	1 54	16 25	0 12	2 27	2 7	31 54	15 32	18 33	18 56	6 40			n.a.
S 27	8 55	11 57	2 23	17 43	2 21	21 25	4 39	7 30	0 16	3 8	1 15	21 17	1 54	16 24	0 12	2 26	2 7	31 54	15 32	18 32	18 55	6 43			n.a.
M28	9 18	15 15	1 22	18 10	2 22	21 14	4 31	7 24	0 13	3 3	1 15	21 16	1 54	16 23	0 12	2 26	2 7	31 54	15 33	18 31	18 54	6 45			n.a.
T 29	9 41	17 56	0 17	18 35	2 23	21 2	4 23	7 18	0 11	2 58	1 15	21 16	1 54	16 23	0 12	2 25	2 7	31 54	15 34	18 31	18 53	6 47			n.a.
W30	10 4	19 51	0s49	18 59	2 23	20 48	4 14	7 12	0 8	2 53	1 15	21 15	1 53	16 22	0 12	2 24	2 7	31 55	15 34	18 31	18 53	6 49			n.a.
T 31	10s26	20n51	1s54	19s21	2s22	20s33	4s 4	7n 6	0s 5	2n48	1n15	21s15	1s53	16n21	0s12	2n24	2s 7	31n55	15n35	18s31	18s52	6n51			n.a.

Julian Day Number = 1266594.5, Delta T = 08h21m10s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'43, Lahiri = -21°08'43 Julian Calendar 1 Oct. 1246 BCE == Greg. Calendar 20 Sept. 1246 BCE

The year -1245 astronomical counting style corresponds to year 1246 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1246 BCE
geocentric

NOVEMBER 1246 BCE (-1245) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 53 22	27♎38'56	25♊26	17♏52	14°R51	17°R38	26♍ 6	4♒41	14°R45	10°R46	13♌23	21♏49	23♏ 4	8♈56	n.a.	F 1
S 2	1 57 18	28°40'07	8♋ 8	19° 3	14♏27	17♈17	26°19	4°42	14♉43	10♈45	13°24	21°51	23° 1	9° 2	n.a.	S 2
S 3	2 1 15	29°41'18	21°10	20°12	14° 1	16°57	26°31	4°43	14°40	10°43	13°25	21°52	22°58	9° 9	n.a.	S 3
M 4	2 5 11	0♏42'31	4♌33	21°17	13°33	16°37	26°43	4°45	14°38	10°42	13°26	21°R52	22°55	9°16	n.a.	M 4
T 5	2 9 8	1°43'45	18°21	22°17	13° 3	16°18	26°55	4°47	14°35	10°40	13°27	21°51	22°52	9°23	n.a.	T 5
W 6	2 13 5	2°44'59	2♍33	23°13	12°32	15°59	27° 7	4°48	14°33	10°38	13°27	21°49	22°48	9°29	n.a.	W 6
T 7	2 17 1	3°46'14	17° 8	24° 4	11°59	15°40	27°19	4°50	14°30	10°37	13°28	21°47	22°45	9°36	n.a.	T 7
F 8	2 20 58	4°47'30	2♎ 1	24°48	11°25	15°23	27°31	4°52	14°28	10°35	13°29	21°45	22°42	9°43	n.a.	F 8
S 9	2 24 54	5°48'47	17° 6	25°24	10°50	15° 6	27°43	4°55	14°25	10°34	13°29	21°43	22°39	9°49	n.a.	S 9
S 10	2 28 51	6°50'04	2♏13	25°53	10°14	14°50	27°54	4°57	14°23	10°32	13°30	21°41	22°36	9°56	n.a.	S 10
M11	2 32 47	7°51'22	17°14	26°13	9°38	14°34	28° 6	4°59	14°20	10°31	13°31	21°D41	22°32	10° 3	n.a.	M11
T 12	2 36 44	8°52'40	1♐58	26°R23	9° 2	14°20	28°18	5° 2	14°17	10°29	13°31	21°41	22°29	10° 9	n.a.	T 12
W13	2 40 40	9°53'59	16°21	26°23	8°25	14° 6	28°29	5° 4	14°15	10°28	13°32	21°41	22°26	10°16	n.a.	W13
T 14	2 44 37	10°55'18	0♑18	26°11	7°49	13°52	28°41	5° 7	14°12	10°27	13°32	21°42	22°23	10°23	n.a.	T 14
F 15	2 48 34	11°56'36	13°48	25°48	7°13	13°40	28°52	5° 9	14°10	10°25	13°33	21°43	22°20	10°29	n.a.	F 15
S 16	2 52 30	12°57'55	26°52	25°12	6°38	13°28	29° 3	5°12	14° 7	10°24	13°33	21°44	22°17	10°36	n.a.	S 16
S 17	2 56 27	13°59'13	9♒33	24°26	6° 4	13°18	29°15	5°15	14° 5	10°22	13°33	21°R44	22°13	10°43	n.a.	S 17
M18	3 0 23	15° 0'31	21°55	23°29	5°32	13° 8	29°26	5°18	14° 2	10°21	13°34	21°44	22°10	10°49	n.a.	M18
T 19	3 4 20	16° 1'49	4♓ 2	22°22	5° 0	12°59	29°37	5°21	13°59	10°20	13°34	21°44	22° 7	10°56	n.a.	T 19
W20	3 8 16	17° 3'07	15°59	21° 8	4°30	12°50	29°48	5°25	13°57	10°18	13°34	21°44	22° 4	11° 3	n.a.	W20
T 21	3 12 13	18° 4'25	27°50	19°49	4° 2	12°43	29°59	5°28	13°54	10°17	13°35	21°43	22° 1	11° 9	n.a.	T 21
F 22	3 16 10	19° 5'42	9♈40	18°28	3°36	12°36	0♎ 9	5°31	13°52	10°16	13°35	21°43	21°57	11°16	n.a.	F 22
S 23	3 20 6	20° 7'00	21°30	17° 6	3°12	12°31	0°20	5°35	13°49	10°15	13°35	21°42	21°54	11°23	n.a.	S 23
S 24	3 24 3	21° 8'17	3♉25	15°48	2°50	12°26	0°31	5°39	13°47	10°13	13°35	21°42	21°51	11°29	n.a.	S 24
M25	3 27 59	22° 9'33	15°26	14°35	2°31	12°21	0°41	5°42	13°44	10°12	13°35	21°42	21°48	11°36	n.a.	M25
T 26	3 31 56	23°10'50	27°36	13°29	2°14	12°18	0°52	5°46	13°41	10°11	13°35	21°42	21°45	11°43	n.a.	T 26
W27	3 35 52	24°12'06	9♊56	12°32	1°59	12°16	1° 2	5°50	13°39	10°10	13°35	21°42	21°42	11°50	n.a.	W27
T 28	3 39 49	25°13'23	22°27	11°44	1°47	12°14	1°12	5°54	13°36	10° 9	13°R35	21°42	21°38	11°56	n.a.	T 28
F 29	3 43 45	26°14'39	5♋11	11° 6	1°37	12°13	1°23	5°58	13°34	10° 8	13°35	21°41	21°35	12° 3	n.a.	F 29
S 30	3 47 42	27♏15'55	18♋ 8	10♏38	1♏30	12°D13	1♎33	6♒ 2	13♉31	10♈ 7	13♌35	21♏41	21♏32	12♈10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s49	20n51	2s55	19s41	2s21	20s17	3s54	7n 0	0s 3	2n43	1n16	21s15	1s53	16n21	0s12	2n23	2s 7	31n55	15n35	18s31	18s51	6n53		n.a.
S 2	11 11	19 47	3 49	20 0	2 19	19 59	3 43	6 54	0n 0	2 39	1 16	21 14	1 53	16 20	0 12	2 22	2 7	31 55	15 36	18 32	18 50	6 55		n.a.
S 3	11 33	17 40	4 32	20 16	2 16	19 40	3 32	6 49	0 3	2 34	1 16	21 14	1 53	16 19	0 12	2 22	2 7	31 55	15 36	18 32	18 49	6 57		n.a.
M 4	11 55	14 34	5 2	20 30	2 12	19 20	3 20	6 43	0 5	2 29	1 16	21 13	1 53	16 18	0 12	2 21	2 7	31 56	15 37	18 32	18 49	6 59		n.a.
T 5	12 16	10 35	5 15	20 42	2 7	18 59	3 7	6 38	0 8	2 24	1 16	21 13	1 53	16 18	0 12	2 21	2 7	31 56	15 37	18 32	18 48	7 1		n.a.
W 6	12 38	5 55	5 10	20 50	2 1	18 37	2 54	6 33	0 10	2 19	1 16	21 12	1 52	16 17	0 12	2 20	2 7	31 56	15 38	18 32	18 47	7 4		n.a.
T 7	12 59	0 47	4 46	20 57	1 54	18 13	2 40	6 28	0 13	2 15	1 16	21 11	1 52	16 16	0 12	2 20	2 7	31 57	15 38	18 31	18 46	7 6		n.a.
F 8	13 20	4s30	4 1	21 0	1 46	17 49	2 26	6 23	0 15	2 10	1 16	21 11	1 52	16 15	0 12	2 19	2 7	31 57	15 39	18 30	18 45	7 8		n.a.
S 9	13 41	9 35	3 0	21 0	1 36	17 25	2 12	6 19	0 18	2 5	1 16	21 10	1 52	16 15	0 12	2 18	2 7	31 57	15 39	18 30	18 44	7 10		n.a.
S 10	14 1	14 6	1 46	20 56	1 25	16 59	1 57	6 15	0 20	2 1	1 16	21 9	1 52	16 14	0 12	2 18	2 7	31 57	15 40	18 29	18 44	7 12		n.a.
M11	14 22	17 39	0 25	20 49	1 13	16 33	1 42	6 11	0 23	1 56	1 16	21 9	1 52	16 13	0 12	2 17	2 7	31 58	15 41	18 29	18 43	7 14		n.a.
T 12	14 42	19 59	0n57	20 38	0 59	16 7	1 27	6 7	0 25	1 51	1 17	21 8	1 52	16 12	0 12	2 17	2 7	31 58	15 41	18 29	18 42	7 16		n.a.
W13	15 2	20 56	2 13	20 23	0 44	15 40	1 11	6 4	0 27	1 47	1 17	21 7	1 51	16 12	0 12	2 16	2 7	31 59	15 42	18 29	18 41	7 18		n.a.
T 14	15 21	20 32	3 18	20 4	0 28	15 13	0 56	6 1	0 29	1 42	1 17	21 6	1 51	16 11	0 12	2 16	2 7	31 59	15 42	18 30	18 40	7 20		n.a.
F 15	15 40	18 57	4 11	19 41	0 10	14 47	0 40	5 58	0 32	1 38	1 17	21 6	1 51	16 10	0 12	2 15	2 7	31 59	15 43	18 30	18 40	7 22		n.a.
S 16	15 59	16 25	4 48	19 15	0n 9	14 21	0 24	5 55	0 34	1 33	1 17	21 5	1 51	16 9	0 12	2 15	2 7	32 0	15 43	18 30	18 39	7 24		n.a.
S 17	16 18	13 10	5 10	18 44	0 29	13 55	0 9	5 53	0 36	1 29	1 17	21 4	1 51	16 9	0 12	2 14	2 7	32 0	15 44	18 30	18 38	7 26		n.a.
M18	16 37	9 26	5 18	18 10	0 49	13 29	0n 6	5 51	0 38	1 25	1 17	21 3	1 51	16 8	0 12	2 14	2 7	32 0	15 44	18 30	18 37	7 28		n.a.
T 19	16 55	5 23	5 10	17 33	1 9	13 4	0 22	5 49	0 40	1 20	1 17	21 2	1 51	16 7	0 12	2 13	2 7	32 1	15 45	18 30	18 36	7 31		n.a.
W20	17 13	1 11	4 50	16 55	1 29	12 40	0 36	5 47	0 42	1 16	1 18	21 1	1 51	16 6	0 12	2 13	2 7	32 1	15 46	18 30	18 35	7 33		n.a.
T 21	17 30	3n 3	4 17	16 15	1 48	12 17	0 51	5 46	0 43	1 12	1 18	21 0	1 50	16 5	0 12	2 12	2 7	32 2	15 46	18 30	18 35	7 35		n.a.
F 22	17 47	7 9	3 33	15 36	2 6	11 55	1 5	5 45	0 45	1 7	1 18	20 59	1 50	16 5	0 12	2 12	2 7	32 2	15 47	18 30	18 34	7 37		n.a.
S 23	18 4	10 59	2 40	14 58	2 21	11 33	1 19	5 45	0 47	1 3	1 18	20 58	1 50	16 4	0 12	2 11	2 7	32 3	15 47	18 30	18 33	7 39		n.a.
S 24	18 21	14 25	1 40	14 22	2 35	11 13	1 32	5 44	0 49	0 59	1 18	20 57	1 50	16 3	0 12	2 11	2 7	32 3	15 48	18 30	18 32	7 41		n.a.
M25	18 37	17 17	0 35	13 50	2 47	10 54	1 45	5 44	0 50	0 55	1 18	20 56	1 50	16 2	0 12	2 10	2 6	32 4	15 48	18 30	18 31	7 43		n.a.
T 26	18 53	19 25	0s33	13 21	2 56	10 37	1 57	5 44	0 52	0 51	1 18	20 55	1 50	16 2	0 12	2 10	2 6	32 4	15 49	18 30	18 30	7 45		n.a.
W27	19 8	20 40	1 40	12 57	3 3	10 21	2 9	5 45	0 54	0 47	1 18	20 54	1 50	16 1	0 12	2 10	2 6	32 5	15 49	18 30	18 30	7 47		n.a.
T 28	19 23	20 55	2 43	12 38	3 8	10 6	2 21	5 45	0 55	0 43	1 19	20 53	1 50	16 0	0 12	2 9	2 6	32 5	15 50	18 30	18 29	7 49		n.a.
F 29	19 38	20 6	3 39	12 24	3 10	9 52	2 32	5 46	0 57	0 39	1 19	20 52	1 49	15 59	0 12	2 9	2 6	32 6	15 51	18 29	18 28	7 51		n.a.
S 30	19s53	18n13	4s25	12s14	3n11	9s40	2n42	5n48	0n58	0n35	1n19	20s50	1s49	15n59	0s12	2n 8	2s 6	32n 6	15n51	18s29	18s27	7n53		n.a.

Julian Day Number = 1266625.5, Delta T = 08h21m08s
Ecliptic obliquity = 23°50'27, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'39, Lahiri = -21°08'39 Julian Calendar 1 Nov. 1246 BCE == Greg. Calendar 21 Oct. 1246 BCE

The year -1245 astronomical counting style corresponds to year 1246 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1246 BCE
geocentric

DECEMBER 1246 BCE (-1245) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 51 39	28♏17'10	1♌19	10°R20	1°R26	12♈13	1♎43	6♒ 7	13°R29	10°R 6	13°R35	21°R40	21♏29	12♈16	n.a.	S 1
M 2	3 55 35	29°18'26	14°47	10°D12	1°D24	12°15	1°52	6°11	13♉26	10♈ 5	13♌35	21♏39	21°26	12°23	n.a.	M 2
T 3	3 59 32	0♐19'41	28°30	10♏13	1♏24	12°17	2° 2	6°15	13°24	10° 4	13°35	21°D39	21°23	12°30	n.a.	T 3
W 4	4 3 28	1°20'56	12♍30	10°22	1°27	12°19	2°12	6°20	13°22	10° 3	13°35	21°39	21°19	12°36	n.a.	W 4
T 5	4 7 25	2°22'11	26°45	10°39	1°32	12°23	2°21	6°24	13°19	10° 2	13°34	21°40	21°16	12°43	n.a.	T 5
F 6	4 11 21	3°23'26	11♎14	11° 3	1°39	12°27	2°31	6°29	13°17	10° 1	13°34	21°41	21°13	12°50	n.a.	F 6
S 7	4 15 18	4°24'40	25°52	11°33	1°49	12°32	2°40	6°34	13°14	10° 0	13°34	21°42	21°10	12°56	n.a.	S 7
S 8	4 19 15	5°25'54	10♏35	12° 9	2° 1	12°38	2°49	6°39	13°12	9°59	13°34	21°43	21° 7	13° 3	n.a.	S 8
M 9	4 23 11	6°27'07	25°16	12°51	2°16	12°44	2°58	6°44	13°10	9°59	13°33	21°R43	21° 3	13°10	n.a.	M 9
T 10	4 27 8	7°28'20	9♐49	13°37	2°32	12°51	3° 7	6°49	13° 7	9°58	13°33	21°42	21° 0	13°16	n.a.	T 10
W11	4 31 4	8°29'32	24° 6	14°27	2°50	12°59	3°16	6°54	13° 5	9°57	13°32	21°41	20°57	13°23	n.a.	W11
T 12	4 35 1	9°30'43	8♑ 3	15°21	3°11	13° 7	3°25	6°59	13° 3	9°56	13°32	21°38	20°54	13°30	n.a.	T 12
F 13	4 38 57	10°31'53	21°38	16°18	3°33	13°16	3°34	7° 4	13° 1	9°56	13°31	21°35	20°51	13°36	n.a.	F 13
S 14	4 42 54	11°33'02	4♒48	17°18	3°57	13°26	3°42	7° 9	12°59	9°55	13°31	21°33	20°48	13°43	n.a.	S 14
S 15	4 46 50	12°34'09	17°35	18°22	4°23	13°36	3°51	7°15	12°56	9°54	13°30	21°30	20°44	13°50	n.a.	S 15
M16	4 50 47	13°35'16	0♓ 1	19°27	4°50	13°47	3°59	7°20	12°54	9°54	13°30	21°28	20°41	13°56	n.a.	M16
T 17	4 54 44	14°36'21	12°11	20°35	5°19	13°58	4° 7	7°26	12°52	9°53	13°29	21°D28	20°38	14° 3	n.a.	T 17
W18	4 58 40	15°37'24	24° 9	21°45	5°50	14°10	4°15	7°31	12°50	9°53	13°28	21°28	20°35	14°10	n.a.	W18
T 19	5 2 37	16°38'27	6♈ 0	22°57	6°22	14°23	4°23	7°37	12°48	9°52	13°28	21°29	20°32	14°16	n.a.	T 19
F 20	5 6 33	17°39'28	17°49	24°11	6°56	14°36	4°30	7°43	12°46	9°52	13°27	21°31	20°29	14°23	n.a.	F 20
S 21	5 10 30	18°40'27	29°40	25°26	7°31	14°49	4°38	7°49	12°44	9°52	13°26	21°33	20°25	14°30	n.a.	S 21
S 22	5 14 26	19°41'26	11♉39	26°43	8° 7	15° 3	4°45	7°55	12°42	9°51	13°26	21°34	20°22	14°36	n.a.	S 22
M23	5 18 23	20°42'23	23°47	28° 1	8°45	15°18	4°53	8° 0	12°40	9°51	13°25	21°R34	20°19	14°43	n.a.	M23
T 24	5 22 19	21°43'18	6♊ 9	29°21	9°24	15°33	5° 0	8° 6	12°38	9°51	13°24	21°33	20°16	14°50	n.a.	T 24
W25	5 26 16	22°44'13	18°46	0♐42	10° 4	15°49	5° 7	8°12	12°37	9°50	13°23	21°31	20°13	14°56	n.a.	W25
T 26	5 30 13	23°45'06	1♋38	2° 4	10°46	16° 5	5°14	8°19	12°35	9°50	13°22	21°27	20° 9	15° 3	n.a.	T 26
F 27	5 34 9	24°45'57	14°45	3°27	11°28	16°21	5°20	8°25	12°33	9°50	13°21	21°21	20° 6	15°10	n.a.	F 27
S 28	5 38 6	25°46'48	28° 6	4°51	12°12	16°38	5°27	8°31	12°31	9°50	13°20	21°16	20° 3	15°16	n.a.	S 28
S 29	5 42 2	26°47'37	11♌40	6°16	12°56	16°56	5°33	8°37	12°30	9°50	13°19	21°10	20° 0	15°23	n.a.	S 29
M30	5 45 59	27°48'25	25°24	7°42	13°42	17°13	5°40	8°44	12°28	9°49	13°18	21° 5	19°57	15°30	n.a.	M30
T 31	5 49 55	28♐49'11	9♍17	9♐ 9	14♏28	17♈32	5♎46	8♒50	12♉27	9♈49	13♌17	21♏ 2	19♏54	15♈36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20s 7	15n22	4s58	12s10	3n10	9s29	2n52	5n49	1n 0	0n31	1n19	20s49	1s49	15n58	0s12	2n 8	2s 6	32n 7	15n52	18s29	18s26	7n55			n.a.
M 2	20 20	11 39	5 15	12 9	3 8	9 20	3 1	5 51	1 1	0 27	1 19	20 48	1 49	15 57	0 12	2 8	2 6	32 7	15 52	18 29	18 25	7 57			n.a.
T 3	20 34	7 16	5 15	12 13	3 4	9 12	3 10	5 53	1 2	0 23	1 19	20 47	1 49	15 56	0 12	2 7	2 6	32 8	15 53	18 29	18 24	7 59			n.a.
W 4	20 47	2 25	4 57	12 20	3 0	9 5	3 18	5 55	1 4	0 19	1 20	20 46	1 49	15 56	0 12	2 7	2 6	32 9	15 53	18 29	18 24	8 1			n.a.
T 5	20 59	2s39	4 20	12 31	2 54	9 0	3 26	5 58	1 5	0 16	1 20	20 44	1 49	15 55	0 12	2 7	2 6	32 9	15 54	18 29	18 23	8 3			n.a.
F 6	21 11	7 40	3 26	12 44	2 48	8 56	3 33	6 1	1 6	0 12	1 20	20 43	1 49	15 54	0 12	2 6	2 6	32 10	15 54	18 29	18 22	8 5			n.a.
S 7	21 23	12 18	2 18	13 0	2 41	8 53	3 40	6 4	1 7	0 8	1 20	20 42	1 49	15 53	0 12	2 6	2 6	32 10	15 55	18 30	18 21	8 7			n.a.
S 8	21 34	16 13	1 1	13 19	2 33	8 51	3 46	6 7	1 8	0 5	1 20	20 40	1 48	15 53	0 12	2 6	2 6	32 11	15 56	18 30	18 20	8 9			n.a.
M 9	21 45	19 5	0n20	13 39	2 26	8 50	3 52	6 11	1 10	0 1	1 20	20 39	1 48	15 52	0 12	2 6	2 6	32 12	15 56	18 30	18 19	8 11			n.a.
T 10	21 55	20 40	1 39	14 0	2 17	8 51	3 57	6 14	1 11	0s 2	1 20	20 37	1 48	15 51	0 12	2 5	2 6	32 12	15 57	18 30	18 19	8 13			n.a.
W11	22 5	20 53	2 50	14 23	2 9	8 53	4 2	6 18	1 12	0 5	1 21	20 36	1 48	15 51	0 12	2 5	2 6	32 13	15 57	18 29	18 18	8 15			n.a.
T 12	22 15	19 47	3 49	14 47	2 0	8 56	4 6	6 23	1 13	0 9	1 21	20 35	1 48	15 50	0 12	2 5	2 5	32 14	15 58	18 29	18 17	8 17			n.a.
F 13	22 24	17 34	4 34	15 12	1 52	8 59	4 10	6 27	1 14	0 12	1 21	20 33	1 48	15 49	0 11	2 5	2 5	32 14	15 58	18 28	18 16	8 19			n.a.
S 14	22 33	14 30	5 2	15 38	1 43	9 4	4 14	6 32	1 15	0 15	1 21	20 32	1 48	15 49	0 11	2 5	2 5	32 15	15 59	18 27	18 15	8 21			n.a.
S 15	22 41	10 50	5 15	16 5	1 34	9 10	4 17	6 37	1 16	0 19	1 21	20 30	1 48	15 48	0 11	2 4	2 5	32 15	15 59	18 26	18 14	8 23			n.a.
M16	22 49	6 47	5 12	16 31	1 25	9 16	4 20	6 42	1 16	0 22	1 22	20 29	1 48	15 47	0 11	2 4	2 5	32 16	16 0	18 26	18 13	8 25			n.a.
T 17	22 56	2 34	4 55	16 58	1 16	9 23	4 23	6 47	1 17	0 25	1 22	20 27	1 48	15 47	0 11	2 4	2 5	32 17	16 0	18 26	18 13	8 27			n.a.
W18	23 3	1n42	4 26	17 25	1 8	9 31	4 25	6 52	1 18	0 28	1 22	20 26	1 48	15 46	0 11	2 4	2 5	32 18	16 1	18 26	18 12	8 29			n.a.
T 19	23 9	5 51	3 45	17 52	0 59	9 40	4 27	6 58	1 19	0 31	1 22	20 24	1 47	15 46	0 11	2 4	2 5	32 18	16 1	18 26	18 11	8 31			n.a.
F 20	23 15	9 48	2 55	18 19	0 50	9 50	4 29	7 4	1 20	0 34	1 22	20 22	1 47	15 45	0 11	2 4	2 5	32 19	16 2	18 27	18 10	8 33			n.a.
S 21	23 21	13 22	1 58	18 46	0 42	10 0	4 30	7 10	1 20	0 37	1 23	20 21	1 47	15 44	0 11	2 4	2 5	32 20	16 2	18 27	18 9	8 35			n.a.
S 22	23 26	16 26	0 54	19 13	0 33	10 11	4 31	7 16	1 21	0 40	1 23	20 19	1 47	15 44	0 11	2 4	2 5	32 20	16 3	18 28	18 8	8 37			n.a.
M23	23 30	18 50	0s12	19 39	0 25	10 22	4 32	7 23	1 22	0 42	1 23	20 18	1 47	15 43	0 11	2 3	2 5	32 21	16 3	18 28	18 7	8 39			n.a.
T 24	23 35	20 24	1 19	20 5	0 16	10 34	4 32	7 29	1 22	0 45	1 23	20 16	1 47	15 43	0 11	2 3	2 5	32 22	16 4	18 27	18 7	8 41			n.a.
W25	23 38	20 58	2 23	20 30	0 8	10 47	4 32	7 36	1 23	0 48	1 23	20 14	1 47	15 42	0 11	2 3	2 5	32 22	16 4	18 27	18 6	8 43			n.a.
T 26	23 41	20 28	3 22	20 55	0 0	11 0	4 32	7 43	1 24	0 50	1 24	20 13	1 47	15 42	0 11	2 3	2 4	32 23	16 5	18 26	18 5	8 45			n.a.
F 27	23 44	18 52	4 10	21 19	0s 7	11 13	4 32	7 50	1 24	0 53	1 24	20 11	1 47	15 41	0 11	2 3	2 4	32 24	16 5	18 24	18 4	8 47			n.a.
S 28	23 46	16 13	4 46	21 42	0 15	11 27	4 31	7 57	1 25	0 55	1 24	20 9	1 47	15 41	0 11	2 3	2 4	32 25	16 5	18 23	18 3	8 49			n.a.
S 29	23 48	12 40	5 7	22 5	0 22	11 41	4 30	8 4	1 25	0 58	1 24	20 7	1 47	15 40	0 11	2 3	2 4	32 25	16 6	18 21	18 2	8 51			n.a.
M30	23 49	8 24	5 10	22 27	0 30	11 56	4 30	8 12	1 26	1 0	1 24	20 6	1 47	15 40	0 11	2 3	2 4	32 26	16 6	18 20	18 1	8 53			n.a.
T 31	23s50	3n40	4s56	22s48	0s37	12s11	4n28	8n19	1n27	1s 2	1n25	20s 4	1s47	15n39	0s11	2n 3	2s 4	32n27	16n 7	18s19	18s 0	8n55			n.a.

Julian Day Number = 1266655.5, Delta T = 08h21m07s
Ecliptic obliquity = 23°50'27, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'35, Lahiri = -21°08'34 Julian Calendar 1 Dec. 1246 BCE == Greg. Calendar 20 Nov. 1246 BCE

The year -1245 astronomical counting style corresponds to year 1246 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1245 BCE
geocentric

JANUARY 1245 BCE (-1244) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 53 52	29♐49'56	23♍18	10♐37	15♏16	17♈50	5♎52	8♒56	12°R25	9°D49	13°R16	21°R 0	19♏50	15♈43	n.a.	W 1
T 2	5 57 49	0♑50'40	7♎24	12° 5	16° 4	18° 9	5°58	9° 3	12♉24	9♈49	13♌15	21°D 0	19°47	15°50	n.a.	T 2
F 3	6 1 45	1°51'23	21°35	13°35	16°53	18°29	6° 3	9° 9	12°22	9°49	13°14	21♏ 1	19°44	15°56	n.a.	F 3
S 4	6 5 42	2°52'05	5♏48	15° 6	17°43	18°49	6° 9	9°16	12°21	9°49	13°13	21° 2	19°41	16° 3	n.a.	S 4
S 5	6 9 38	3°52'45	20° 3	16°37	18°34	19° 9	6°14	9°23	12°19	9°50	13°12	21°R 3	19°38	16°10	n.a.	S 5
M 6	6 13 35	4°53'24	4♐16	18°10	19°25	19°29	6°19	9°29	12°18	9°50	13°11	21° 2	19°35	16°16	n.a.	M 6
T 7	6 17 31	5°54'02	18°22	19°43	20°17	19°50	6°24	9°36	12°17	9°50	13° 9	20°59	19°31	16°23	n.a.	T 7
W 8	6 21 28	6°54'38	2♑19	21°17	21°10	20°12	6°29	9°43	12°16	9°50	13° 8	20°54	19°28	16°30	n.a.	W 8
T 9	6 25 24	7°55'12	16° 2	22°52	22° 4	20°33	6°34	9°50	12°15	9°50	13° 7	20°47	19°25	16°37	n.a.	T 9
F 10	6 29 21	8°55'44	29°28	24°28	22°58	20°55	6°38	9°57	12°13	9°51	13° 6	20°39	19°22	16°43	n.a.	F 10
S 11	6 33 18	9°56'15	12♒34	26° 5	23°52	21°17	6°43	10° 4	12°12	9°51	13° 4	20°30	19°19	16°50	n.a.	S 11
S 12	6 37 14	10°56'43	25°21	27°42	24°48	21°40	6°47	10°11	12°11	9°51	13° 3	20°21	19°15	16°57	n.a.	S 12
M13	6 41 11	11°57'10	7♓48	29°21	25°43	22° 3	6°51	10°18	12°10	9°52	13° 2	20°14	19°12	17° 3	n.a.	M13
T 14	6 45 7	12°57'34	20° 0	1♑ 0	26°40	22°26	6°55	10°25	12° 9	9°52	13° 1	20° 9	19° 9	17°10	n.a.	T 14
W15	6 49 4	13°57'56	1♈59	2°41	27°36	22°49	6°58	10°32	12° 9	9°53	12°59	20° 6	19° 6	17°17	n.a.	W15
T 16	6 53 0	14°58'17	13°50	4°22	28°34	23°13	7° 2	10°39	12° 8	9°53	12°58	20°D 5	19° 3	17°23	n.a.	T 16
F 17	6 56 57	15°58'35	25°39	6° 5	29°31	23°37	7° 5	10°46	12° 7	9°54	12°56	20° 6	19° 0	17°30	n.a.	F 17
S 18	7 0 53	16°58'50	7♉31	7°48	0♐29	24° 2	7° 8	10°53	12° 6	9°54	12°55	20° 7	18°56	17°37	n.a.	S 18
S 19	7 4 50	17°59'04	19°30	9°33	1°28	24°26	7°11	11° 0	12° 6	9°55	12°54	20°R 7	18°53	17°43	n.a.	S 19
M20	7 8 47	18°59'16	1♊43	11°18	2°27	24°51	7°14	11° 7	12° 5	9°55	12°52	20° 6	18°50	17°50	n.a.	M20
T 21	7 12 43	19°59'25	14°13	13° 4	3°27	25°16	7°16	11°15	12° 5	9°56	12°51	20° 4	18°47	17°57	n.a.	T 21
W22	7 16 40	20°59'32	27° 2	14°52	4°26	25°41	7°19	11°22	12° 4	9°57	12°49	19°58	18°44	18° 3	n.a.	W22
T 23	7 20 36	21°59'37	10♋12	16°40	5°27	26° 7	7°21	11°29	12° 4	9°57	12°48	19°50	18°41	18°10	n.a.	T 23
F 24	7 24 33	22°59'40	23°42	18°30	6°27	26°33	7°23	11°37	12° 3	9°58	12°46	19°41	18°37	18°17	n.a.	F 24
S 25	7 28 29	23°59'41	7♌30	20°21	7°28	26°59	7°25	11°44	12° 3	9°59	12°45	19°30	18°34	18°23	n.a.	S 25
S 26	7 32 26	24°59'40	21°32	22°12	8°29	27°25	7°26	11°51	12° 3	10° 0	12°43	19°19	18°31	18°30	n.a.	S 26
M27	7 36 22	25°59'37	5♍43	24° 5	9°31	27°51	7°28	11°59	12° 2	10° 1	12°42	19°10	18°28	18°37	n.a.	M27
T 28	7 40 19	26°59'32	19°58	25°59	10°33	28°18	7°29	12° 6	12° 2	10° 2	12°40	19° 2	18°25	18°43	n.a.	T 28
W29	7 44 16	27°59'25	4♎13	27°53	11°35	28°45	7°30	12°14	12° 2	10° 2	12°39	18°58	18°21	18°50	n.a.	W29
T 30	7 48 12	28°59'17	18°25	29°49	12°38	29°12	7°31	12°21	12° 2	10° 3	12°37	18°56	18°18	18°57	n.a.	T 30
F 31	7 52 9	29♑59'06	2♏32	1♒45	13♐41	29♈39	7♎32	12♒29	12°D 2	10♈ 4	12♌35	18°D55	18♏15	19♈ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23 s50	1 s19	4 s23	23 s 8	0 s43	12 s26	4n27	8n27	1n27	1 s 4	1n25	20 s 2	1 s47	15n39	0 s11	2n 3	2 s 4	32n27	16n 7	18 s18	18 s 0	8n57		n.a.
T 2	23 50	6 16	3 35	23 27	0 50	12 41	4 25	8 35	1 28	1 6	1 25	20 0	1 46	15 38	0 11	2 4	2 4	32 28	16 8	18 18	17 59	8 59		n.a.
F 3	23 50	10 55	2 33	23 45	0 56	12 57	4 24	8 43	1 28	1 9	1 25	19 58	1 46	15 38	0 11	2 4	2 4	32 29	16 8	18 19	17 58	9 1		n.a.
S 4	23 49	14 58	1 22	24 2	1 3	13 13	4 22	8 51	1 28	1 11	1 25	19 57	1 46	15 37	0 11	2 4	2 4	32 30	16 8	18 19	17 57	9 3		n.a.
S 5	23 47	18 8	0 5	24 17	1 8	13 29	4 20	8 59	1 29	1 13	1 26	19 55	1 46	15 37	0 11	2 4	2 4	32 30	16 9	18 19	17 56	9 5		n.a.
M 6	23 45	20 11	1n11	24 32	1 14	13 45	4 18	9 7	1 29	1 14	1 26	19 53	1 46	15 37	0 11	2 4	2 4	32 31	16 9	18 19	17 55	9 6		n.a.
T 7	23 42	20 57	2 22	24 45	1 19	14 1	4 15	9 16	1 30	1 16	1 26	19 51	1 46	15 36	0 11	2 4	2 4	32 32	16 10	18 18	17 54	9 8		n.a.
W 8	23 39	20 25	3 24	24 57	1 25	14 17	4 13	9 24	1 30	1 18	1 26	19 49	1 46	15 36	0 11	2 4	2 4	32 33	16 10	18 17	17 53	9 10		n.a.
T 9	23 36	18 40	4 13	25 8	1 29	14 34	4 10	9 33	1 30	1 20	1 27	19 47	1 46	15 36	0 11	2 4	2 3	32 33	16 10	18 15	17 53	9 12		n.a.
F 10	23 32	15 56	4 47	25 17	1 34	14 50	4 7	9 42	1 31	1 21	1 27	19 45	1 46	15 35	0 11	2 5	2 3	32 34	16 11	18 13	17 52	9 14		n.a.
S 11	23 28	12 27	5 4	25 25	1 38	15 7	4 4	9 51	1 31	1 23	1 27	19 43	1 46	15 35	0 11	2 5	2 3	32 35	16 11	18 10	17 51	9 16		n.a.
S 12	23 23	8 29	5 6	25 31	1 42	15 23	4 1	10 0	1 31	1 24	1 27	19 41	1 46	15 35	0 11	2 5	2 3	32 36	16 11	18 8	17 50	9 18		n.a.
M13	23 18	4 15	4 53	25 36	1 46	15 39	3 58	10 9	1 32	1 26	1 27	19 39	1 46	15 34	0 11	2 5	2 3	32 36	16 12	18 6	17 49	9 20		n.a.
T 14	23 12	0n 3	4 27	25 39	1 49	15 56	3 55	10 18	1 32	1 27	1 28	19 37	1 46	15 34	0 11	2 5	2 3	32 37	16 12	18 5	17 48	9 22		n.a.
W15	23 6	4 18	3 49	25 41	1 52	16 12	3 52	10 27	1 32	1 28	1 28	19 35	1 46	15 34	0 11	2 6	2 3	32 38	16 12	18 4	17 47	9 24		n.a.
T 16	22 59	8 20	3 2	25 40	1 54	16 28	3 48	10 36	1 33	1 29	1 28	19 33	1 46	15 34	0 11	2 6	2 3	32 38	16 13	18 4	17 46	9 26		n.a.
F 17	22 52	12 3	2 8	25 38	1 56	16 44	3 45	10 45	1 33	1 30	1 28	19 31	1 46	15 33	0 11	2 6	2 3	32 39	16 13	18 4	17 46	9 28		n.a.
S 18	22 44	15 18	1 7	25 34	1 58	17 0	3 41	10 55	1 33	1 31	1 29	19 29	1 46	15 33	0 11	2 7	2 3	32 40	16 13	18 4	17 45	9 30		n.a.
S 19	22 37	17 57	0 3	25 29	2 0	17 15	3 37	11 4	1 33	1 32	1 29	19 27	1 46	15 33	0 11	2 7	2 3	32 41	16 14	18 4	17 44	9 31		n.a.
M20	22 28	19 51	1 s 2	25 21	2 1	17 31	3 33	11 14	1 34	1 33	1 29	19 25	1 46	15 33	0 11	2 7	2 3	32 41	16 14	18 4	17 43	9 33		n.a.
T 21	22 19	20 49	2 5	25 12	2 1	17 46	3 29	11 23	1 34	1 34	1 29	19 23	1 46	15 33	0 11	2 7	2 3	32 42	16 14	18 3	17 42	9 35		n.a.
W22	22 10	20 44	3 4	25 0	2 1	18 1	3 25	11 33	1 34	1 35	1 30	19 21	1 46	15 32	0 11	2 8	2 3	32 43	16 14	18 2	17 41	9 37		n.a.
T 23	22 1	19 33	3 54	24 47	2 1	18 16	3 21	11 43	1 34	1 36	1 30	19 19	1 46	15 32	0 11	2 8	2 2	32 44	16 15	18 0	17 40	9 39		n.a.
F 24	21 51	17 14	4 33	24 31	2 0	18 31	3 17	11 52	1 34	1 36	1 30	19 17	1 46	15 32	0 11	2 9	2 2	32 44	16 15	17 57	17 39	9 41		n.a.
S 25	21 40	13 55	4 57	24 13	1 58	18 45	3 13	12 2	1 35	1 37	1 30	19 15	1 46	15 32	0 11	2 9	2 2	32 45	16 15	17 54	17 38	9 43		n.a.
S 26	21 29	9 47	5 3	23 53	1 57	18 59	3 9	12 12	1 35	1 37	1 30	19 13	1 46	15 32	0 11	2 9	2 2	32 46	16 15	17 51	17 38	9 45		n.a.
M27	21 18	5 4	4 51	23 32	1 54	19 13	3 4	12 22	1 35	1 37	1 31	19 11	1 46	15 32	0 11	2 10	2 2	32 46	16 16	17 48	17 37	9 47		n.a.
T 28	21 7	0 3	4 20	23 7	1 51	19 26	3 0	12 32	1 35	1 38	1 31	19 9	1 46	15 32	0 11	2 10	2 2	32 47	16 16	17 46	17 36	9 48		n.a.
W29	20 55	4 s58	3 34	22 41	1 48	19 39	2 56	12 41	1 35	1 38	1 31	19 6	1 46	15 32	0 11	2 11	2 2	32 48	16 16	17 45	17 35	9 50		n.a.
T 30	20 42	9 43	2 35	22 13	1 43	19 52	2 51	12 51	1 35	1 38	1 31	19 4	1 46	15 32	0 11	2 11	2 2	32 48	16 16	17 44	17 34	9 52		n.a.
F 31	20 s30	13 s54	1 s26	21 s42	1 s39	20 s 4	2n47	13n 1	1n36	1 s38	1n32	19 s 2	1 s46	15n32	0 s11	2n11	2 s 2	32n49	16n16	17 s44	17 s33	9n54		n.a.

Julian Day Number = 1266686.5, Delta T = 08h21m05s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'31, Lahiri = -21°08'30 Julian Calendar 1 Jan. 1245 BCE == Greg. Calendar 21 Dec. 1246 BCE

The year -1244 astronomical counting style corresponds to year 1245 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1245 BCE
geocentric

FEBRUARY 1245 BCE (-1244) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 56 5	0♒58'54	16♏33	3♒42	14♐44	0♉ 7	7♎32	12♒36	12♉ 2	10♈ 5	12°R34	18°R56	18♏12	19♈10	n.a.	S 1
S 2	8 0 2	1°58'40	0♐27	5°40	15°47	0°34	7°33	12°44	12° 2	10° 6	12♌32	18♏55	18° 9	19°17	n.a.	S 2
M 3	8 3 58	2°58'25	14°15	7°38	16°51	1° 2	7°R33	12°51	12° 2	10° 8	12°31	18°53	18° 6	19°23	n.a.	M 3
T 4	8 7 55	3°58'07	27°55	9°37	17°55	1°30	7°33	12°59	12° 2	10° 9	12°29	18°48	18° 2	19°30	n.a.	T 4
W 5	8 11 51	4°57'48	11♑26	11°36	18°59	1°58	7°33	13° 6	12° 3	10°10	12°27	18°40	17°59	19°36	n.a.	W 5
T 6	8 15 48	5°57'26	24°46	13°35	20° 3	2°27	7°32	13°14	12° 3	10°11	12°26	18°29	17°56	19°43	n.a.	T 6
F 7	8 19 44	6°57'02	7♒53	15°34	21° 7	2°55	7°32	13°21	12° 3	10°12	12°24	18°17	17°53	19°50	n.a.	F 7
S 8	8 23 41	7°56'36	20°45	17°32	22°12	3°24	7°31	13°29	12° 4	10°13	12°23	18° 3	17°50	19°56	n.a.	S 8
S 9	8 27 38	8°56'08	3♓22	19°29	23°17	3°53	7°30	13°37	12° 4	10°15	12°21	17°50	17°47	20° 3	n.a.	S 9
M10	8 31 34	9°55'37	15°44	21°25	24°22	4°22	7°29	13°44	12° 5	10°16	12°19	17°39	17°43	20°10	n.a.	M10
T 11	8 35 31	10°55'04	27°53	23°20	25°28	4°51	7°27	13°52	12° 5	10°17	12°18	17°30	17°40	20°16	n.a.	T 11
W12	8 39 27	11°54'29	9♈50	25°12	26°33	5°20	7°26	13°59	12° 6	10°19	12°16	17°24	17°37	20°23	n.a.	W12
T 13	8 43 24	12°53'51	21°41	27° 2	27°39	5°50	7°24	14° 7	12° 7	10°20	12°14	17°20	17°34	20°30	n.a.	T 13
F 14	8 47 20	13°53'11	3♉29	28°49	28°45	6°20	7°22	14°15	12° 7	10°21	12°13	17°19	17°31	20°36	n.a.	F 14
S 15	8 51 17	14°52'28	15°19	0♓33	29°51	6°49	7°20	14°22	12° 8	10°23	12°11	17°19	17°27	20°43	n.a.	S 15
S 16	8 55 13	15°51'43	27°18	2°14	0♑57	7°19	7°18	14°30	12° 9	10°24	12°10	17°19	17°24	20°50	n.a.	S 16
M17	8 59 10	16°50'56	9♊31	3°50	2° 3	7°49	7°15	14°38	12°10	10°26	12° 8	17°18	17°21	20°56	n.a.	M17
T 18	9 3 6	17°50'06	22° 3	5°22	3°10	8°19	7°13	14°45	12°11	10°27	12° 6	17°14	17°18	21° 3	n.a.	T 18
W19	9 7 3	18°49'13	4♋58	6°48	4°16	8°50	7°10	14°53	12°12	10°29	12° 5	17° 9	17°15	21°10	n.a.	W19
T 20	9 11 0	19°48'19	18°17	8°10	5°23	9°20	7° 7	15° 0	12°13	10°30	12° 3	17° 0	17°12	21°16	n.a.	T 20
F 21	9 14 56	20°47'22	2♌ 2	9°26	6°30	9°51	7° 4	15° 8	12°14	10°32	12° 1	16°50	17° 8	21°23	n.a.	F 21
S 22	9 18 53	21°46'22	16°11	10°36	7°37	10°21	7° 0	15°16	12°15	10°33	12° 0	16°38	17° 5	21°30	n.a.	S 22
S 23	9 22 49	22°45'21	0♍37	11°40	8°44	10°52	6°57	15°23	12°16	10°35	11°58	16°26	17° 2	21°36	n.a.	S 23
M24	9 26 46	23°44'17	15°15	12°37	9°52	11°23	6°53	15°31	12°17	10°37	11°57	16°15	16°59	21°43	n.a.	M24
T 25	9 30 42	24°43'11	29°56	13°29	10°59	11°54	6°49	15°38	12°19	10°38	11°55	16° 7	16°56	21°50	n.a.	T 25
W26	9 34 39	25°42'03	14♎34	14°13	12° 7	12°25	6°45	15°46	12°20	10°40	11°53	16° 2	16°52	21°56	n.a.	W26
T 27	9 38 35	26°40'53	29° 3	14°51	13°14	12°56	6°41	15°53	12°21	10°42	11°52	15°59	16°49	22° 3	n.a.	T 27
F 28	9 42 32	27°39'42	13♏20	15°22	14°22	13°28	6°37	16° 1	12°23	10°43	11°50	15°D58	16°46	22°10	n.a.	F 28
S 29	9 46 29	28♒38'29	27♏22	15♓46	15♑30	13♉59	6♎32	16♒ 8	12♉24	10♈45	11♌49	15°R58	16♏43	22♈16	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	20s16	17s16	0s13	21s10	1s33	20s16	2n42	13n11	1n36	1s38	1n32	19s 0	1s46	15n32	0s11	2n12	2s 2	32n50	16n16	17s44	17s32	9n56		n.a.	S 1
S 2	20 3	19 36	1n 1	20 35	1 27	20 27	2 38	13 21	1 36	1 38	1 32	18 58	1 46	15 32	0 11	2 12	2 2	32 50	16 17	17 44	17 31	9 58		n.a.	S 2
M 3	19 49	20 44	2 10	19 58	1 21	20 38	2 33	13 31	1 36	1 38	1 32	18 56	1 46	15 32	0 11	2 13	2 2	32 51	16 17	17 44	17 30	10 0		n.a.	M 3
T 4	19 35	20 38	3 11	19 19	1 14	20 49	2 29	13 41	1 36	1 38	1 33	18 53	1 46	15 32	0 11	2 13	2 2	32 52	16 17	17 42	17 29	10 2		n.a.	T 4
W 5	19 21	19 21	4 0	18 39	1 6	20 59	2 24	13 51	1 36	1 37	1 33	18 51	1 46	15 32	0 11	2 14	2 2	32 52	16 17	17 40	17 29	10 3		n.a.	W 5
T 6	19 6	17 1	4 36	17 56	0 57	21 9	2 19	14 2	1 36	1 37	1 33	18 49	1 46	15 32	0 11	2 14	2 2	32 53	16 17	17 37	17 28	10 5		n.a.	T 6
F 7	18 51	13 51	4 56	17 12	0 48	21 18	2 15	14 12	1 36	1 37	1 33	18 47	1 46	15 33	0 10	2 15	2 1	32 53	16 17	17 34	17 27	10 7		n.a.	F 7
S 8	18 35	10 4	5 0	16 27	0 38	21 27	2 10	14 22	1 36	1 36	1 33	18 45	1 46	15 33	0 10	2 15	2 1	32 54	16 17	17 30	17 26	10 9		n.a.	S 8
S 9	18 19	5 56	4 50	15 40	0 28	21 35	2 5	14 32	1 36	1 36	1 34	18 43	1 46	15 33	0 10	2 16	2 1	32 55	16 18	17 26	17 25	10 11		n.a.	S 9
M10	18 3	1 38	4 26	14 52	0 17	21 42	2 1	14 42	1 37	1 35	1 34	18 40	1 46	15 33	0 10	2 17	2 1	32 55	16 18	17 23	17 24	10 13		n.a.	M10
T 11	17 47	2n39	3 50	14 4	0 6	21 50	1 56	14 52	1 37	1 34	1 34	18 38	1 46	15 33	0 10	2 17	2 1	32 56	16 18	17 20	17 23	10 15		n.a.	T 11
W12	17 30	6 47	3 5	13 15	0n 6	21 56	1 51	15 2	1 37	1 33	1 34	18 36	1 46	15 33	0 10	2 18	2 1	32 56	16 18	17 19	17 22	10 16		n.a.	W12
T 13	17 13	10 37	2 11	12 25	0 18	22 2	1 47	15 12	1 37	1 32	1 35	18 34	1 46	15 34	0 10	2 18	2 1	32 57	16 18	17 18	17 21	10 18		n.a.	T 13
F 14	16 56	14 1	1 13	11 36	0 30	22 8	1 42	15 22	1 37	1 31	1 35	18 31	1 46	15 34	0 10	2 19	2 1	32 57	16 18	17 17	17 20	10 20		n.a.	F 14
S 15	16 39	16 52	0 11	10 47	0 43	22 13	1 37	15 32	1 37	1 30	1 35	18 29	1 46	15 34	0 10	2 20	2 1	32 58	16 18	17 17	17 20	10 22		n.a.	S 15
S 16	16 21	19 2	0s53	9 59	0 56	22 18	1 33	15 42	1 37	1 29	1 35	18 27	1 47	15 34	0 10	2 20	2 1	32 59	16 18	17 17	17 19	10 24		n.a.	S 16
M17	16 3	20 22	1 55	9 12	1 9	22 21	1 28	15 52	1 37	1 28	1 35	18 25	1 47	15 35	0 10	2 21	2 1	32 59	16 18	17 17	17 18	10 26		n.a.	M17
T 18	15 45	20 43	2 53	8 26	1 22	22 25	1 23	16 2	1 37	1 27	1 36	18 23	1 47	15 35	0 10	2 22	2 1	33 0	16 18	17 16	17 17	10 27		n.a.	T 18
W19	15 26	20 1	3 44	7 42	1 35	22 28	1 19	16 12	1 37	1 26	1 36	18 20	1 47	15 35	0 10	2 22	2 1	33 0	16 18	17 14	17 16	10 29		n.a.	W19
T 20	15 7	18 12	4 24	6 59	1 47	22 30	1 14	16 22	1 37	1 24	1 36	18 18	1 47	15 36	0 10	2 23	2 1	33 1	16 18	17 12	17 15	10 31		n.a.	T 20
F 21	14 48	15 19	4 51	6 19	2 0	22 31	1 10	16 32	1 37	1 23	1 36	18 16	1 47	15 36	0 10	2 23	2 1	33 1	16 18	17 9	17 14	10 33		n.a.	F 21
S 22	14 29	11 28	5 1	5 42	2 12	22 32	1 5	16 42	1 37	1 21	1 36	18 14	1 47	15 36	0 10	2 24	2 1	33 1	16 18	17 5	17 13	10 35		n.a.	S 22
S 23	14 10	6 54	4 52	5 7	2 23	22 33	1 0	16 52	1 37	1 20	1 37	18 11	1 47	15 37	0 10	2 25	2 1	33 2	16 18	17 2	17 12	10 36		n.a.	S 23
M24	13 50	1 52	4 24	4 34	2 34	22 32	0 56	17 2	1 37	1 18	1 37	18 9	1 47	15 37	0 10	2 26	2 0	33 2	16 18	16 59	17 11	10 38		n.a.	M24
T 25	13 30	3s18	3 38	4 5	2 44	22 31	0 51	17 12	1 37	1 16	1 37	18 7	1 47	15 38	0 10	2 26	2 0	33 3	16 18	16 56	17 10	10 40		n.a.	T 25
W26	13 10	8 15	2 38	3 39	2 53	22 30	0 47	17 21	1 37	1 15	1 37	18 5	1 47	15 38	0 10	2 27	2 0	33 3	16 18	16 55	17 9	10 42		n.a.	W26
T 27	12 50	12 42	1 28	3 17	3 2	22 28	0 43	17 31	1 37	1 13	1 37	18 3	1 47	15 39	0 10	2 28	2 0	33 4	16 18	16 54	17 9	10 44		n.a.	T 27
F 28	12 29	16 19	0 14	2 58	3 9	22 25	0 38	17 41	1 37	1 11	1 37	18 0	1 47	15 39	0 10	2 28	2 0	33 4	16 18	16 54	17 8	10 45		n.a.	F 28
S 29	12s 9	18s56	1n 0	2s42	3n16	22s22	0n34	17n50	1n37	1s 9	1n38	17s58	1s47	15n39	0s10	2n29	2s 0	33n 4	16n17	16s54	17s 7	10n47		n.a.	S 29

Julian Day Number = 1266717.5, Delta T = 08h21m03s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'27, Lahiri = -21°08'26 Julian Calendar 1 Feb. 1245 BCE == Greg. Calendar 21 Jan. 1245 BCE

The year -1244 astronomical counting style corresponds to year 1245 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1245 BCE
geocentric

MARCH 1245 BCE (-1244) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 50 25	29♒37'13	11♐10	16♓ 4	16♑38	14♉31	6°R27	16♒16	12♉26	10♈47	11°R47	15°R58	16♏40	22♈23	n.a.	S 1
M 2	9 54 22	0♓35'57	24°44	16°14	17°46	15° 2	6♎23	16°23	12°27	10°49	11♌46	15♏56	16°37	22°30	n.a.	M 2
T 3	9 58 18	1°34'38	8♑ 5	16°R19	18°55	15°34	6°18	16°31	12°29	10°51	11°44	15°51	16°33	22°36	n.a.	T 3
W 4	10 2 15	2°33'17	21°15	16°16	20° 3	16° 6	6°13	16°38	12°31	10°52	11°43	15°44	16°30	22°43	n.a.	W 4
T 5	10 6 11	3°31'55	4♒12	16° 8	21°12	16°38	6° 7	16°46	12°32	10°54	11°41	15°34	16°27	22°50	n.a.	T 5
F 6	10 10 8	4°30'30	16°58	15°53	22°20	17°10	6° 2	16°53	12°34	10°56	11°40	15°23	16°24	22°56	n.a.	F 6
S 7	10 14 4	5°29'04	29°32	15°33	23°29	17°42	5°56	17° 0	12°36	10°58	11°38	15°10	16°21	23° 3	n.a.	S 7
S 8	10 18 1	6°27'35	11♓55	15° 9	24°37	18°14	5°51	17° 8	12°38	11° 0	11°37	14°58	16°18	23°10	n.a.	S 8
M 9	10 21 57	7°26'04	24° 6	14°39	25°46	18°47	5°45	17°15	12°40	11° 2	11°35	14°47	16°14	23°16	n.a.	M 9
T 10	10 25 54	8°24'32	6♈ 8	14° 6	26°55	19°19	5°39	17°22	12°42	11° 4	11°34	14°39	16°11	23°23	n.a.	T 10
W11	10 29 51	9°22'57	18° 1	13°29	28° 4	19°52	5°33	17°30	12°44	11° 6	11°33	14°33	16° 8	23°30	n.a.	W11
T 12	10 33 47	10°21'20	29°49	12°50	29°13	20°24	5°27	17°37	12°46	11° 8	11°31	14°29	16° 5	23°36	n.a.	T 12
F 13	10 37 44	11°19'40	11♉36	12°10	0♒22	20°57	5°20	17°44	12°48	11°10	11°30	14°D28	16° 2	23°43	n.a.	F 13
S 14	10 41 40	12°17'59	23°26	11°28	1°31	21°30	5°14	17°51	12°50	11°12	11°28	14°28	15°58	23°50	n.a.	S 14
S 15	10 45 37	13°16'16	5♊24	10°46	2°41	22° 2	5° 7	17°59	12°52	11°14	11°27	14°29	15°55	23°56	n.a.	S 15
M16	10 49 33	14°14'30	17°35	10° 5	3°50	22°35	5° 1	18° 6	12°54	11°16	11°26	14°R29	15°52	24° 3	n.a.	M16
T 17	10 53 30	15°12'42	0♋ 5	9°25	4°59	23° 8	4°54	18°13	12°56	11°18	11°24	14°28	15°49	24°10	n.a.	T 17
W18	10 57 26	16°10'52	12°59	8°46	6° 9	23°41	4°47	18°20	12°59	11°20	11°23	14°25	15°46	24°16	n.a.	W18
T 19	11 1 23	17° 9'00	26°19	8°11	7°18	24°15	4°40	18°27	13° 1	11°22	11°22	14°20	15°43	24°23	n.a.	T 19
F 20	11 5 19	18° 7'06	10♌ 8	7°38	8°28	24°48	4°33	18°34	13° 3	11°24	11°21	14°12	15°39	24°29	n.a.	F 20
S 21	11 9 16	19° 5'09	24°23	7° 9	9°38	25°21	4°26	18°41	13° 6	11°26	11°19	14° 4	15°36	24°36	n.a.	S 21
S 22	11 13 13	20° 3'11	9♍ 2	6°44	10°47	25°54	4°19	18°48	13° 8	11°28	11°18	13°56	15°33	24°43	n.a.	S 22
M23	11 17 9	21° 1'11	23°57	6°24	11°57	26°28	4°12	18°55	13°11	11°30	11°17	13°48	15°30	24°49	n.a.	M23
T 24	11 21 6	21°59'09	8♎59	6° 7	13° 7	27° 1	4° 5	19° 1	13°13	11°33	11°16	13°42	15°27	24°56	n.a.	T 24
W25	11 25 2	22°57'05	24° 0	5°56	14°17	27°35	3°57	19° 8	13°16	11°35	11°15	13°38	15°23	25° 3	n.a.	W25
T 26	11 28 59	23°55'00	8♏50	5°49	15°27	28° 8	3°50	19°15	13°18	11°37	11°14	13°D37	15°20	25° 9	n.a.	T 26
F 27	11 32 55	24°52'53	23°24	5°D47	16°37	28°42	3°43	19°22	13°21	11°39	11°13	13°37	15°17	25°16	n.a.	F 27
S 28	11 36 52	25°50'45	7♐38	5°49	17°47	29°16	3°35	19°28	13°24	11°41	11°12	13°38	15°14	25°23	n.a.	S 28
S 29	11 40 48	26°48'36	21°31	5°57	18°57	29°49	3°28	19°35	13°26	11°43	11°11	13°R39	15°11	25°29	n.a.	S 29
M30	11 44 45	27°46'25	5♑ 4	6° 9	20° 8	0♊23	3°20	19°41	13°29	11°46	11°10	13°39	15° 8	25°36	n.a.	M30
T 31	11 48 42	28♓44'13	18♑18	6♓25	21♒18	0♊57	3♎13	19♒48	13♉32	11♈48	11♌ 9	13♏37	15♏ 4	25♈43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11s48	20s21	2n 9	2s31	3n21	22s18	0n30	18n 0	1n37	1s 7	1n38	17s56	1s48	15n40	0s10	2n30	2s 0	33n 5	16n17	16s54	17s 6	10n49			n.a.
M 2	11 27	20 34	3 10	2 23	3 25	22 13	0 25	18 9	1 37	1 5	1 38	17 54	1 48	15 40	0 10	2 31	2 0	33 5	16 17	16 53	17 5	10 51			n.a.
T 3	11 6	19 36	3 59	2 19	3 28	22 8	0 21	18 19	1 36	1 3	1 38	17 52	1 48	15 41	0 10	2 31	2 0	33 6	16 17	16 52	17 4	10 53			n.a.
W 4	10 44	17 36	4 35	2 18	3 29	22 2	0 17	18 28	1 36	1 0	1 38	17 49	1 48	15 42	0 10	2 32	2 0	33 6	16 17	16 50	17 3	10 54			n.a.
T 5	10 23	14 44	4 56	2 22	3 29	21 56	0 13	18 37	1 36	0 58	1 38	17 47	1 48	15 42	0 10	2 33	2 0	33 6	16 17	16 47	17 2	10 56			n.a.
F 6	10 1	11 13	5 2	2 29	3 27	21 49	0 9	18 47	1 36	0 56	1 38	17 45	1 48	15 43	0 10	2 34	2 0	33 7	16 17	16 43	17 1	10 58			n.a.
S 7	9 39	7 16	4 53	2 39	3 24	21 41	0 5	18 56	1 36	0 54	1 39	17 43	1 48	15 43	0 10	2 35	2 0	33 7	16 17	16 39	17 0	11 0			n.a.
S 8	9 17	3 4	4 30	2 53	3 20	21 33	0 1	19 5	1 36	0 51	1 39	17 41	1 48	15 44	0 10	2 35	2 0	33 7	16 16	16 36	16 59	11 1			n.a.
M 9	8 55	1n12	3 55	3 10	3 14	21 24	0s 3	19 14	1 36	0 49	1 39	17 38	1 48	15 44	0 10	2 36	2 0	33 7	16 16	16 33	16 58	11 3			n.a.
T 10	8 33	5 22	3 9	3 30	3 6	21 14	0 7	19 23	1 36	0 46	1 39	17 36	1 48	15 45	0 10	2 37	2 0	33 8	16 16	16 30	16 57	11 5			n.a.
W11	8 11	9 17	2 16	3 53	2 57	21 4	0 11	19 32	1 36	0 44	1 39	17 34	1 49	15 46	0 10	2 38	2 0	33 8	16 16	16 28	16 57	11 7			n.a.
T 12	7 49	12 48	1 17	4 18	2 46	20 53	0 14	19 41	1 36	0 41	1 39	17 32	1 49	15 46	0 10	2 39	2 0	33 8	16 16	16 27	16 56	11 8			n.a.
F 13	7 26	15 49	0 15	4 44	2 35	20 42	0 18	19 50	1 36	0 38	1 39	17 30	1 49	15 47	0 10	2 39	2 0	33 8	16 15	16 27	16 55	11 10			n.a.
S 14	7 4	18 10	0s48	5 12	2 22	20 30	0 22	19 59	1 36	0 36	1 39	17 28	1 49	15 48	0 10	2 40	2 0	33 9	16 15	16 27	16 54	11 12			n.a.
S 15	6 41	19 46	1 50	5 41	2 8	20 18	0 25	20 7	1 36	0 33	1 39	17 26	1 49	15 48	0 10	2 41	2 0	33 9	16 15	16 27	16 53	11 14			n.a.
M16	6 18	20 28	2 48	6 10	1 53	20 5	0 29	20 16	1 35	0 30	1 39	17 23	1 49	15 49	0 10	2 42	2 0	33 9	16 15	16 27	16 52	11 15			n.a.
T 17	5 55	20 11	3 39	6 40	1 38	19 51	0 32	20 24	1 35	0 28	1 40	17 21	1 49	15 50	0 10	2 43	2 0	33 9	16 15	16 27	16 51	11 17			n.a.
W18	5 32	18 51	4 22	7 9	1 22	19 37	0 35	20 33	1 35	0 25	1 40	17 19	1 49	15 50	0 10	2 44	2 0	33 9	16 14	16 26	16 50	11 19			n.a.
T 19	5 9	16 29	4 51	7 38	1 6	19 23	0 39	20 41	1 35	0 22	1 40	17 17	1 50	15 51	0 10	2 44	2 0	33 10	16 14	16 24	16 49	11 21			n.a.
F 20	4 46	13 6	5 5	8 5	0 49	19 7	0 42	20 49	1 35	0 19	1 40	17 15	1 50	15 52	0 10	2 45	1 59	33 10	16 14	16 22	16 48	11 22			n.a.
S 21	4 23	8 53	5 1	8 31	0 33	18 52	0 45	20 57	1 35	0 16	1 40	17 13	1 50	15 53	0 10	2 46	1 59	33 10	16 13	16 20	16 47	11 24			n.a.
S 22	4 0	4 2	4 38	8 56	0 16	18 35	0 48	21 5	1 35	0 13	1 40	17 11	1 50	15 53	0 10	2 47	1 59	33 10	16 13	16 17	16 46	11 26			n.a.
M23	3 37	1s 9	3 55	9 19	0 0	18 19	0 51	21 13	1 35	0 10	1 40	17 9	1 50	15 54	0 10	2 48	1 59	33 10	16 13	16 15	16 45	11 28			n.a.
T 24	3 14	6 18	2 55	9 39	0s15	18 1	0 54	21 21	1 35	0 7	1 40	17 7	1 50	15 55	0 10	2 49	1 59	33 10	16 13	16 13	16 44	11 29			n.a.
W25	2 51	11 4	1 44	9 58	0 31	17 43	0 57	21 29	1 34	0 5	1 40	17 5	1 50	15 56	0 10	2 50	1 59	33 10	16 12	16 12	16 43	11 31			n.a.
T 26	2 27	15 5	0 26	10 14	0 45	17 25	1 0	21 37	1 34	0 2	1 40	17 3	1 51	15 57	0 10	2 51	1 59	33 10	16 12	16 11	16 42	11 33			n.a.
F 27	2 4	18 5	0n53	10 28	0 59	17 6	1 2	21 44	1 34	0n 1	1 40	17 1	1 51	15 57	0 10	2 51	1 59	33 10	16 12	16 11	16 42	11 34			n.a.
S 28	1 41	19 53	2 6	10 39	1 13	16 47	1 5	21 52	1 34	0 4	1 40	16 59	1 51	15 58	0 10	2 52	1 59	33 10	16 11	16 12	16 41	11 36			n.a.
S 29	1 17	20 24	3 10	10 48	1 25	16 27	1 7	21 59	1 34	0 8	1 40	16 57	1 51	15 59	0 10	2 53	1 59	33 10	16 11	16 12	16 40	11 38			n.a.
M30	0 54	19 43	4 2	10 54	1 37	16 7	1 10	22 6	1 34	0 11	1 40	16 55	1 51	16 0	0 10	2 54	1 59	33 10	16 11	16 12	16 39	11 40			n.a.
T 31	0s31	17s57	4n40	10s58	1s48	15s47	1s12	22n13	1n34	0n14	1n40	16s53	1s51	16n 1	0s10	2n55	1s59	33n10	16n10	16s11	16s38	11n41			n.a.

Julian Day Number = 1266746.5, Delta T = 08h21m02s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'23, Lahiri = -21°08'22 Julian Calendar 1 March 1245 BCE == Greg. Calendar 19 Feb. 1245 BCE

The year -1244 astronomical counting style corresponds to year 1245 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1245 BCE
geocentric

APRIL 1245 BCE (-1244) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 52 38	29♓42'00	1♒15	6♓46	22♒28	1♊31	3°R 5	19♒54	13♉34	11♈50	11°R 8	13°R33	15♏ 1	25♈49	n.a.	W 1
T 2	11 56 35	0♈39'45	13°57	7°12	23°38	2° 5	2♎57	20° 1	13°37	11°52	11♌ 7	13♏28	14°58	25°56	n.a.	T 2
F 3	12 0 31	1°37'29	26°26	7°42	24°49	2°39	2°50	20° 7	13°40	11°54	11° 6	13°21	14°55	26° 3	n.a.	F 3
S 4	12 4 28	2°35'12	8♓44	8°16	25°59	3°14	2°42	20°14	13°43	11°57	11° 5	13°14	14°52	26° 9	n.a.	S 4
S 5	12 8 24	3°32'53	20°52	8°53	27°10	3°48	2°34	20°20	13°46	11°59	11° 4	13° 7	14°49	26°16	n.a.	S 5
M 6	12 12 21	4°30'32	2♈53	9°35	28°20	4°22	2°27	20°26	13°49	12° 1	11° 3	13° 0	14°45	26°23	n.a.	M 6
T 7	12 16 17	5°28'11	14°46	10°20	29°31	4°56	2°19	20°32	13°52	12° 3	11° 2	12°55	14°42	26°29	n.a.	T 7
W 8	12 20 14	6°25'47	26°36	11° 9	0♓42	5°31	2°11	20°38	13°55	12° 6	11° 2	12°52	14°39	26°36	n.a.	W 8
T 9	12 24 10	7°23'23	8♉22	12° 1	1°52	6° 5	2° 4	20°44	13°58	12° 8	11° 1	12°D51	14°36	26°43	n.a.	T 9
F 10	12 28 7	8°20'57	20°10	12°57	3° 3	6°40	1°56	20°50	14° 1	12°10	11° 0	12°51	14°33	26°49	n.a.	F 10
S 11	12 32 4	9°18'29	2♊ 1	13°55	4°14	7°14	1°49	20°56	14° 4	12°12	10°59	12°52	14°29	26°56	n.a.	S 11
S 12	12 36 0	10°16'00	14° 0	14°57	5°25	7°49	1°41	21° 2	14° 7	12°15	10°59	12°54	14°26	27° 3	n.a.	S 12
M13	12 39 57	11°13'29	26°12	16° 2	6°36	8°24	1°34	21° 8	14°10	12°17	10°58	12°55	14°23	27° 9	n.a.	M13
T 14	12 43 53	12°10'57	8♋41	17°10	7°46	8°58	1°26	21°14	14°13	12°19	10°58	12°R56	14°20	27°16	n.a.	T 14
W15	12 47 50	13° 8'24	21°31	18°21	8°57	9°33	1°19	21°20	14°16	12°21	10°57	12°56	14°17	27°22	n.a.	W15
T 16	12 51 46	14° 5'49	4♌47	19°34	10° 8	10° 8	1°12	21°25	14°20	12°24	10°56	12°55	14°14	27°29	n.a.	T 16
F 17	12 55 43	15° 3'12	18°30	20°51	11°19	10°43	1° 4	21°31	14°23	12°26	10°56	12°52	14°10	27°36	n.a.	F 17
S 18	12 59 39	16° 0'34	2♍41	22°10	12°30	11°18	0°57	21°36	14°26	12°28	10°55	12°49	14° 7	27°42	n.a.	S 18
S 19	13 3 36	16°57'55	17°18	23°31	13°41	11°53	0°50	21°42	14°29	12°30	10°55	12°45	14° 4	27°49	n.a.	S 19
M20	13 7 33	17°55'14	2♎16	24°56	14°53	12°28	0°43	21°47	14°33	12°32	10°55	12°42	14° 1	27°56	n.a.	M20
T 21	13 11 29	18°52'33	17°25	26°23	16° 4	13° 3	0°36	21°52	14°36	12°35	10°54	12°39	13°58	28° 2	n.a.	T 21
W22	13 15 26	19°49'50	2♏37	27°52	17°15	13°38	0°29	21°58	14°39	12°37	10°54	12°38	13°54	28° 9	n.a.	W22
T 23	13 19 22	20°47'07	17°43	29°24	18°26	14°13	0°22	22° 3	14°43	12°39	10°54	12°D38	13°51	28°16	n.a.	T 23
F 24	13 23 19	21°44'22	2♐33	0♈59	19°37	14°48	0°16	22° 8	14°46	12°41	10°53	12°39	13°48	28°22	n.a.	F 24
S 25	13 27 15	22°41'37	17° 2	2°36	20°49	15°24	0° 9	22°13	14°49	12°44	10°53	12°40	13°45	28°29	n.a.	S 25
S 26	13 31 12	23°38'52	1♑ 7	4°15	22° 0	15°59	0° 3	22°18	14°53	12°46	10°53	12°41	13°42	28°36	n.a.	S 26
M27	13 35 8	24°36'06	14°47	5°58	23°12	16°34	29♍56	22°23	14°56	12°48	10°53	12°42	13°39	28°42	n.a.	M27
T 28	13 39 5	25°33'19	28° 2	7°42	24°23	17°10	29°50	22°27	15° 0	12°50	10°52	12°R42	13°35	28°49	n.a.	T 28
W29	13 43 2	26°30'32	10♒56	9°29	25°34	17°45	29°44	22°32	15° 3	12°52	10°52	12°42	13°32	28°56	n.a.	W29
T 30	13 46 58	27♈27'44	23♒31	11♈19	26♓46	18♊21	29♍38	22♒37	15♉ 6	12♈55	10♌52	12♏40	13♏29	29♈ 2	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s 7	15s18	5n 2	11s 0	1s58	15s26	1s15	22n20	1n34	0n17	1n40	16s51	1s52	16n 2	0s10	2n56	1s59	33n10	16n10	16s10	16s37	11n43		n.a.
T 2	0n16	11 59	5 9	10 59	2 8	15 4	1 17	22 27	1 33	0 20	1 40	16 49	1 52	16 2	0 10	2 57	1 59	33 10	16 10	16 9	16 36	11 45		n.a.
F 3	0 39	8 12	5 1	10 56	2 17	14 42	1 19	22 34	1 33	0 23	1 40	16 47	1 52	16 3	0 10	2 58	1 59	33 10	16 9	16 7	16 35	11 46		n.a.
S 4	1 3	4 7	4 40	10 50	2 24	14 20	1 21	22 40	1 33	0 26	1 40	16 45	1 52	16 4	0 10	2 58	1 59	33 10	16 9	16 4	16 34	11 48		n.a.
S 5	1 26	0n 4	4 5	10 42	2 31	13 57	1 23	22 47	1 33	0 29	1 40	16 43	1 52	16 5	0 9	2 59	1 59	33 10	16 9	16 2	16 33	11 50		n.a.
M 6	1 49	4 13	3 20	10 32	2 38	13 34	1 25	22 53	1 33	0 32	1 40	16 42	1 52	16 6	0 9	3 0	1 59	33 10	16 8	16 0	16 32	11 51		n.a.
T 7	2 12	8 10	2 27	10 20	2 43	13 11	1 27	23 0	1 33	0 35	1 39	16 40	1 53	16 7	0 9	3 1	1 59	33 10	16 8	15 59	16 31	11 53		n.a.
W 8	2 36	11 47	1 28	10 5	2 48	12 47	1 28	23 6	1 32	0 38	1 39	16 38	1 53	16 8	0 9	3 2	1 59	33 10	16 8	15 58	16 30	11 55		n.a.
T 9	2 59	14 55	0 24	9 48	2 52	12 23	1 30	23 12	1 32	0 41	1 39	16 36	1 53	16 9	0 9	3 3	1 59	33 9	16 7	15 57	16 29	11 56		n.a.
F 10	3 22	17 26	0s40	9 29	2 55	11 58	1 31	23 18	1 32	0 44	1 39	16 34	1 53	16 10	0 9	3 4	1 59	33 9	16 7	15 57	16 28	11 58		n.a.
S 11	3 45	19 14	1 43	9 9	2 57	11 34	1 33	23 24	1 32	0 47	1 39	16 33	1 53	16 11	0 9	3 5	1 59	33 9	16 6	15 58	16 27	12 0		n.a.
S 12	4 8	20 11	2 42	8 46	2 59	11 8	1 34	23 29	1 32	0 50	1 39	16 31	1 54	16 12	0 9	3 6	1 59	33 9	16 6	15 58	16 26	12 1		n.a.
M13	4 31	20 12	3 36	8 21	3 0	10 43	1 36	23 35	1 32	0 53	1 39	16 29	1 54	16 13	0 9	3 7	1 59	33 9	16 6	15 59	16 25	12 3		n.a.
T 14	4 54	19 14	4 20	7 54	3 0	10 17	1 37	23 40	1 31	0 55	1 39	16 27	1 54	16 13	0 9	3 7	1 59	33 9	16 5	15 59	16 24	12 5		n.a.
W15	5 16	17 16	4 53	7 26	3 0	9 51	1 38	23 46	1 31	0 58	1 39	16 26	1 54	16 14	0 9	3 8	1 59	33 8	16 5	15 59	16 23	12 6		n.a.
T 16	5 39	14 22	5 11	6 55	2 58	9 25	1 39	23 51	1 31	1 1	1 39	16 24	1 54	16 15	0 9	3 9	1 59	33 8	16 4	15 58	16 22	12 8		n.a.
F 17	6 2	10 35	5 13	6 23	2 57	8 59	1 40	23 56	1 31	1 4	1 38	16 22	1 55	16 16	0 9	3 10	1 59	33 8	16 4	15 58	16 22	12 10		n.a.
S 18	6 24	6 6	4 56	5 49	2 54	8 32	1 41	24 0	1 31	1 7	1 38	16 21	1 55	16 17	0 9	3 11	1 59	33 8	16 4	15 57	16 21	12 11		n.a.
S 19	6 46	1 8	4 19	5 13	2 51	8 5	1 42	24 5	1 31	1 9	1 38	16 19	1 55	16 18	0 9	3 12	1 59	33 7	16 3	15 55	16 20	12 13		n.a.
M20	7 9	4s 2	3 24	4 36	2 47	7 37	1 42	24 10	1 30	1 12	1 38	16 18	1 55	16 19	0 9	3 13	1 59	33 7	16 3	15 54	16 19	12 15		n.a.
T 21	7 31	9 1	2 15	3 57	2 43	7 10	1 43	24 14	1 30	1 15	1 38	16 16	1 55	16 20	0 9	3 14	1 59	33 7	16 2	15 54	16 18	12 16		n.a.
W22	7 53	13 27	0 55	3 16	2 38	6 42	1 44	24 18	1 30	1 17	1 38	16 15	1 56	16 21	0 9	3 14	1 59	33 7	16 2	15 53	16 17	12 18		n.a.
T 23	8 15	16 57	0n28	2 34	2 32	6 14	1 44	24 23	1 30	1 20	1 37	16 13	1 56	16 22	0 9	3 15	1 59	33 6	16 1	15 53	16 16	12 20		n.a.
F 24	8 37	19 15	1 48	1 50	2 26	5 46	1 45	24 27	1 30	1 23	1 37	16 12	1 56	16 23	0 9	3 16	1 59	33 6	16 1	15 53	16 15	12 21		n.a.
S 25	8 58	20 14	2 59	1 5	2 19	5 18	1 45	24 30	1 29	1 25	1 37	16 10	1 56	16 24	0 9	3 17	1 59	33 6	16 1	15 54	16 14	12 23		n.a.
S 26	9 20	19 53	3 57	0 18	2 12	4 50	1 45	24 34	1 29	1 27	1 37	16 9	1 57	16 25	0 9	3 18	1 59	33 5	16 0	15 54	16 13	12 24		n.a.
M27	9 41	18 22	4 40	0n30	2 5	4 21	1 45	24 38	1 29	1 30	1 37	16 7	1 57	16 27	0 9	3 19	1 59	33 5	16 0	15 55	16 12	12 26		n.a.
T 28	10 2	15 54	5 6	1 20	1 56	3 52	1 45	24 41	1 29	1 32	1 36	16 6	1 57	16 28	0 9	3 20	1 59	33 5	15 59	15 55	16 11	12 28		n.a.
W29	10 24	12 43	5 16	2 10	1 48	3 24	1 45	24 44	1 29	1 35	1 36	16 4	1 57	16 29	0 9	3 21	1 59	33 4	15 59	15 54	16 10	12 29		n.a.
T 30	10n45	9s 1	5n11	3n 2	1s39	2s55	1s45	24n47	1n28	1n37	1n36	16s 3	1s57	16n30	0s 9	3n21	1s59	33n 4	15n58	15s54	16s 9	12n31		n.a.

Julian Day Number = 1266777.5, Delta T = 08h21m00s
Ecliptic obliquity = 23°50'27, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'18, Lahiri = -21°08'18 Julian Calendar 1 Apr. 1245 BCE == Greg. Calendar 21 March 1245 BCE

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ASTRODIENST EPHEMERIS for the year 1245 BCE
geocentric

MAY 1245 BCE (-1244) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 50 55	28♈24'56	5♓51	13♈11	27♓58	18♊56	29°R32	22♒41	15♉10	12♈57	10°R52	12°R39	13♏26	29♈ 9	n.a.	F 1
S 2	13 54 51	29°22'07	17°58	15° 5	29° 9	19°32	29♍26	22°46	15°13	12°59	10♌52	12♏37	13°23	29°16	n.a.	S 2
S 3	13 58 48	0♉19'18	29°57	17° 1	0♈21	20° 7	29°20	22°50	15°17	13° 1	10°D52	12°35	13°20	29°22	n.a.	S 3
M 4	14 2 44	1°16'28	11♈49	19° 0	1°32	20°43	29°15	22°55	15°20	13° 3	10°52	12°33	13°16	29°29	n.a.	M 4
T 5	14 6 41	2°13'38	23°37	21° 1	2°44	21°19	29° 9	22°59	15°24	13° 6	10°52	12°32	13°13	29°35	n.a.	T 5
W 6	14 10 37	3°10'47	5♉25	23° 4	3°56	21°54	29° 4	23° 3	15°27	13° 8	10°52	12°32	13°10	29°42	n.a.	W 6
T 7	14 14 34	4° 7'56	17°13	25° 9	5° 8	22°30	28°59	23° 7	15°31	13°10	10°52	12°D32	13° 7	29°49	n.a.	T 7
F 8	14 18 31	5° 5'04	29° 4	27°15	6°19	23° 6	28°54	23°11	15°34	13°12	10°52	12°32	13° 4	29°55	n.a.	F 8
S 9	14 22 27	6° 2'12	11♊ 1	29°23	7°31	23°42	28°49	23°15	15°38	13°14	10°53	12°33	13° 0	0♉ 2	n.a.	S 9
S 10	14 26 24	6°59'19	23° 6	1♉31	8°43	24°18	28°44	23°19	15°42	13°16	10°53	12°33	12°57	0° 9	n.a.	S 10
M11	14 30 20	7°56'26	5♋24	3°41	9°55	24°54	28°40	23°23	15°45	13°18	10°53	12°34	12°54	0°15	n.a.	M11
T 12	14 34 17	8°53'32	17°56	5°52	11° 7	25°30	28°35	23°26	15°49	13°20	10°53	12°34	12°51	0°22	n.a.	T 12
W13	14 38 13	9°50'37	0♌46	8° 3	12°19	26° 6	28°31	23°30	15°52	13°22	10°54	12°34	12°48	0°29	n.a.	W13
T 14	14 42 10	10°47'42	13°59	10°14	13°31	26°42	28°27	23°33	15°56	13°24	10°54	12°R34	12°45	0°35	n.a.	T 14
F 15	14 46 7	11°44'46	27°34	12°25	14°43	27°18	28°23	23°37	15°59	13°26	10°54	12°34	12°41	0°42	n.a.	F 15
S 16	14 50 3	12°41'50	11♍35	14°36	15°55	27°55	28°20	23°40	16° 3	13°28	10°55	12°D34	12°38	0°49	n.a.	S 16
S 17	14 54 0	13°38'53	26° 0	16°46	17° 7	28°31	28°16	23°43	16° 7	13°30	10°55	12°34	12°35	0°55	n.a.	S 17
M18	14 57 56	14°35'56	10♎46	18°55	18°19	29° 7	28°13	23°46	16°10	13°32	10°56	12°34	12°32	1° 2	n.a.	M18
T 19	15 1 53	15°32'59	25°48	21° 3	19°31	29°43	28° 9	23°49	16°14	13°34	10°56	12°35	12°29	1° 9	n.a.	T 19
W20	15 5 49	16°30'01	10♏57	23°10	20°43	0♋20	28° 6	23°52	16°17	13°36	10°57	12°R35	12°26	1°15	n.a.	W20
T 21	15 9 46	17°27'04	26° 4	25°15	21°55	0°56	28° 3	23°55	16°21	13°38	10°57	12°35	12°22	1°22	n.a.	T 21
F 22	15 13 42	18°24'06	11♐ 1	27°19	23° 8	1°33	28° 1	23°58	16°25	13°40	10°58	12°34	12°19	1°29	n.a.	F 22
S 23	15 17 39	19°21'09	25°40	29°21	24°20	2° 9	27°58	24° 1	16°28	13°42	10°59	12°34	12°16	1°35	n.a.	S 23
S 24	15 21 36	20°18'12	9♑55	1♊22	25°32	2°46	27°56	24° 3	16°32	13°44	10°59	12°33	12°13	1°42	n.a.	S 24
M25	15 25 32	21°15'15	23°43	3°21	26°45	3°22	27°54	24° 6	16°35	13°46	11° 0	12°32	12°10	1°48	n.a.	M25
T 26	15 29 29	22°12'18	7♒ 5	5°17	27°57	3°59	27°52	24° 8	16°39	13°48	11° 1	12°31	12° 6	1°55	n.a.	T 26
W27	15 33 25	23° 9'22	20° 1	7°12	29° 9	4°35	27°50	24°10	16°42	13°50	11° 1	12°D31	12° 3	2° 2	n.a.	W27
T 28	15 37 22	24° 6'27	2♓36	9° 5	0♉22	5°12	27°48	24°12	16°46	13°51	11° 2	12°31	12° 0	2° 8	n.a.	T 28
F 29	15 41 18	25° 3'32	14°52	10°56	1°34	5°49	27°47	24°15	16°50	13°53	11° 3	12°32	11°57	2°15	n.a.	F 29
S 30	15 45 15	26° 0'37	26°55	12°45	2°47	6°26	27°45	24°17	16°53	13°55	11° 4	12°33	11°54	2°22	n.a.	S 30
S 31	15 49 11	26♉57'43	8♈49	14♊33	3♉59	7♋ 3	27♍44	24♒18	16♉57	13♈57	11♌ 5	12♏34	11♏51	2♉28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n 5	5s 1	4n51	3n55	1s29	2s26	1s45	24n50	1n28	1n39	1n36	16s 2	1s58	16n31	0s 9	3n22	1s59	33n 3	15n58	15s54	16s 8	12n32		n.a.
S 2	11 26	0 53	4 18	4 49	1 20	1 57	1 45	24 53	1 28	1 41	1 36	16 1	1 58	16 32	0 9	3 23	1 59	33 3	15 57	15 53	16 7	12 34		n.a.
S 3	11 46	3n15	3 35	5 44	1 9	1 27	1 45	24 55	1 28	1 43	1 35	15 59	1 58	16 33	0 9	3 24	1 59	33 2	15 57	15 52	16 6	12 36		n.a.
M 4	12 7	7 14	2 42	6 39	0 59	0 58	1 44	24 58	1 28	1 45	1 35	15 58	1 58	16 34	0 9	3 25	1 59	33 2	15 57	15 52	16 5	12 37		n.a.
T 5	12 27	10 55	1 43	7 35	0 48	0 29	1 44	25 0	1 27	1 47	1 35	15 57	1 59	16 35	0 9	3 26	1 59	33 2	15 56	15 52	16 4	12 39		n.a.
W 6	12 47	14 10	0 39	8 32	0 38	0n 1	1 43	25 2	1 27	1 49	1 35	15 56	1 59	16 36	0 9	3 26	1 59	33 1	15 56	15 51	16 3	12 40		n.a.
T 7	13 6	16 50	0s26	9 28	0 27	0 30	1 43	25 4	1 27	1 51	1 34	15 55	1 59	16 37	0 9	3 27	1 59	33 1	15 55	15 51	16 2	12 42		n.a.
F 8	13 26	18 49	1 31	10 25	0 16	1 0	1 42	25 6	1 27	1 53	1 34	15 53	1 59	16 38	0 9	3 28	1 59	33 0	15 55	15 51	16 1	12 44		n.a.
S 9	13 45	19 58	2 32	11 21	0 5	1 29	1 41	25 8	1 26	1 54	1 34	15 52	2 0	16 39	0 9	3 29	1 59	33 0	15 54	15 52	16 0	12 45		n.a.
S 10	14 4	20 13	3 27	12 17	0n 6	1 59	1 40	25 9	1 26	1 56	1 34	15 51	2 0	16 40	0 9	3 30	1 59	32 59	15 54	15 52	15 59	12 47		n.a.
M11	14 23	19 30	4 14	13 13	0 16	2 28	1 40	25 10	1 26	1 58	1 33	15 50	2 0	16 41	0 9	3 30	1 59	32 59	15 53	15 52	15 58	12 48		n.a.
T 12	14 42	17 50	4 49	14 7	0 26	2 58	1 39	25 11	1 26	1 59	1 33	15 49	2 0	16 42	0 9	3 31	1 59	32 58	15 53	15 52	15 57	12 50		n.a.
W13	15 0	15 15	5 11	15 0	0 36	3 27	1 38	25 12	1 25	2 1	1 33	15 48	2 1	16 43	0 9	3 32	1 59	32 58	15 52	15 52	15 56	12 51		n.a.
T 14	15 19	11 50	5 18	15 52	0 46	3 56	1 37	25 13	1 25	2 2	1 32	15 47	2 1	16 44	0 9	3 33	1 59	32 57	15 52	15 52	15 55	12 53		n.a.
F 15	15 37	7 43	5 7	16 42	0 55	4 26	1 35	25 14	1 25	2 3	1 32	15 47	2 1	16 45	0 9	3 34	2 0	32 57	15 52	15 52	15 54	12 55		n.a.
S 16	15 54	3 3	4 38	17 30	1 4	4 55	1 34	25 14	1 25	2 5	1 32	15 46	2 1	16 46	0 9	3 34	2 0	32 56	15 51	15 52	15 53	12 56		n.a.
S 17	16 12	1s55	3 51	18 17	1 12	5 24	1 33	25 14	1 24	2 6	1 32	15 45	2 2	16 48	0 9	3 35	2 0	32 55	15 51	15 52	15 52	12 58		n.a.
M18	16 29	6 54	2 48	19 1	1 20	5 53	1 32	25 14	1 24	2 7	1 31	15 44	2 2	16 49	0 9	3 36	2 0	32 55	15 50	15 52	15 51	12 59		n.a.
T 19	16 46	11 33	1 32	19 43	1 27	6 22	1 30	25 14	1 24	2 8	1 31	15 43	2 2	16 50	0 9	3 37	2 0	32 54	15 50	15 52	15 50	13 1		n.a.
W20	17 3	15 30	0 9	20 22	1 33	6 51	1 29	25 14	1 24	2 9	1 31	15 42	2 2	16 51	0 9	3 37	2 0	32 54	15 49	15 52	15 49	13 2		n.a.
T 21	17 19	18 23	1n14	20 59	1 39	7 20	1 27	25 14	1 23	2 10	1 30	15 42	2 3	16 52	0 9	3 38	2 0	32 53	15 49	15 52	15 48	13 4		n.a.
F 22	17 36	19 58	2 32	21 34	1 44	7 49	1 26	25 13	1 23	2 11	1 30	15 41	2 3	16 53	0 9	3 39	2 0	32 52	15 48	15 52	15 47	13 5		n.a.
S 23	17 52	20 9	3 37	22 6	1 48	8 17	1 24	25 12	1 23	2 11	1 30	15 40	2 3	16 54	0 9	3 40	2 0	32 52	15 48	15 52	15 46	13 7		n.a.
S 24	18 7	19 1	4 28	22 36	1 51	8 45	1 23	25 11	1 23	2 12	1 30	15 40	2 4	16 55	0 9	3 40	2 0	32 51	15 47	15 52	15 45	13 9		n.a.
M25	18 23	16 47	5 1	23 3	1 54	9 14	1 21	25 10	1 22	2 13	1 29	15 39	2 4	16 56	0 9	3 41	2 0	32 51	15 47	15 51	15 44	13 10		n.a.
T 26	18 38	13 43	5 16	23 27	1 57	9 42	1 19	25 9	1 22	2 13	1 29	15 39	2 4	16 57	0 9	3 42	2 0	32 50	15 47	15 51	15 43	13 12		n.a.
W27	18 52	10 5	5 15	23 49	1 58	10 9	1 17	25 7	1 22	2 14	1 29	15 38	2 4	16 58	0 9	3 42	2 0	32 49	15 46	15 51	15 43	13 13		n.a.
T 28	19 7	6 5	4 58	24 9	1 59	10 37	1 15	25 6	1 22	2 14	1 28	15 38	2 5	16 59	0 9	3 43	2 0	32 49	15 46	15 51	15 42	13 15		n.a.
F 29	19 21	1 56	4 28	24 26	1 59	11 4	1 13	25 4	1 21	2 14	1 28	15 37	2 5	17 0	0 9	3 44	2 0	32 48	15 45	15 51	15 41	13 16		n.a.
S 30	19 35	2n13	3 47	24 40	1 59	11 31	1 12	25 2	1 21	2 15	1 28	15 37	2 5	17 1	0 9	3 44	2 0	32 47	15 45	15 52	15 40	13 18		n.a.
S 31	19n48	6n15	2n57	24n53	1n58	11n58	1s10	25n 0	1n21	2n15	1n27	15s36	2s 6	17n 2	0s 9	3n45	2s 0	32n47	15n44	15s52	15s39	13n19		n.a.

Julian Day Number = 1266807.5, Delta T = 08h20m58s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'14, Lahiri = -21°08'14 Julian Calendar 1 May 1245 BCE == Greg. Calendar 20 Apr. 1245 BCE

The year -1244 astronomical counting style corresponds to year 1245 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1245 BCE
geocentric

JUNE 1245 BCE (-1244) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 53 8	27♉54'49	20♈37	16♊18	5♉12	7♋39	27°R43	24♒20	17♉ 0	13♈59	11♌ 6	12♏35	11♏47	2♉35	n.a.	M 1
T 2	15 57 5	28°51'56	2♉24	18° 1	6°25	8°16	27♍42	24°22	17° 4	14° 0	11° 7	12°36	11°44	2°42	n.a.	T 2
W 3	16 1 1	29°49'04	14°13	19°42	7°37	8°53	27°42	24°23	17° 7	14° 2	11° 8	12°R36	11°41	2°48	n.a.	W 3
T 4	16 4 58	0♊46'12	26° 5	21°21	8°50	9°30	27°41	24°25	17°11	14° 4	11° 9	12°36	11°38	2°55	n.a.	T 4
F 5	16 8 54	1°43'20	8♊ 4	22°59	10° 3	10° 7	27°41	24°26	17°14	14° 5	11°10	12°34	11°35	3° 2	n.a.	F 5
S 6	16 12 51	2°40'30	20°12	24°34	11°16	10°44	27°D41	24°28	17°18	14° 7	11°11	12°32	11°31	3° 8	n.a.	S 6
S 7	16 16 47	3°37'39	2♋30	26° 7	12°28	11°22	27°41	24°29	17°21	14° 9	11°12	12°29	11°28	3°15	n.a.	S 7
M 8	16 20 44	4°34'49	14°59	27°38	13°41	11°59	27°42	24°30	17°25	14°10	11°13	12°26	11°25	3°22	n.a.	M 8
T 9	16 24 41	5°32'00	27°42	29° 8	14°54	12°36	27°42	24°31	17°28	14°12	11°14	12°22	11°22	3°28	n.a.	T 9
W10	16 28 37	6°29'10	10♌41	0♋35	16° 7	13°13	27°43	24°32	17°32	14°13	11°15	12°20	11°19	3°35	n.a.	W10
T 11	16 32 34	7°26'21	23°55	2° 0	17°20	13°50	27°44	24°32	17°35	14°15	11°16	12°18	11°16	3°41	n.a.	T 11
F 12	16 36 30	8°23'33	7♍28	3°23	18°33	14°28	27°45	24°33	17°39	14°16	11°18	12°D17	11°12	3°48	n.a.	F 12
S 13	16 40 27	9°20'45	21°20	4°44	19°46	15° 5	27°46	24°34	17°42	14°18	11°19	12°18	11° 9	3°55	n.a.	S 13
S 14	16 44 23	10°17'57	5♎30	6° 3	20°59	15°43	27°48	24°34	17°45	14°19	11°20	12°19	11° 6	4° 1	n.a.	S 14
M15	16 48 20	11°15'10	19°59	7°20	22°12	16°20	27°49	24°34	17°49	14°21	11°21	12°20	11° 3	4° 8	n.a.	M15
T 16	16 52 16	12°12'24	4♏42	8°34	23°25	16°58	27°51	24°35	17°52	14°22	11°23	12°21	11° 0	4°15	n.a.	T 16
W17	16 56 13	13° 9'38	19°34	9°46	24°38	17°35	27°53	24°35	17°55	14°23	11°24	12°R21	10°57	4°21	n.a.	W17
T 18	17 0 10	14° 6'53	4♐29	10°56	25°51	18°13	27°55	24°R35	17°59	14°25	11°25	12°20	10°53	4°28	n.a.	T 18
F 19	17 4 6	15° 4'09	19°18	12° 3	27° 4	18°50	27°57	24°35	18° 2	14°26	11°27	12°17	10°50	4°35	n.a.	F 19
S 20	17 8 3	16° 1'26	3♑54	13° 7	28°18	19°28	28° 0	24°34	18° 5	14°27	11°28	12°13	10°47	4°41	n.a.	S 20
S 21	17 11 59	16°58'44	18°11	14° 9	29°31	20° 6	28° 3	24°34	18° 9	14°28	11°30	12° 8	10°44	4°48	n.a.	S 21
M22	17 15 56	17°56'04	2♒ 3	15° 8	0♊44	20°43	28° 6	24°34	18°12	14°30	11°31	12° 3	10°41	4°55	n.a.	M22
T 23	17 19 52	18°53'24	15°29	16° 5	1°58	21°21	28° 9	24°33	18°15	14°31	11°33	11°58	10°37	5° 1	n.a.	T 23
W24	17 23 49	19°50'46	28°29	16°58	3°11	21°59	28°12	24°33	18°18	14°32	11°34	11°54	10°34	5° 8	n.a.	W24
T 25	17 27 46	20°48'09	11♓ 6	17°48	4°24	22°37	28°15	24°32	18°21	14°33	11°36	11°52	10°31	5°15	n.a.	T 25
F 26	17 31 42	21°45'33	23°23	18°34	5°38	23°15	28°19	24°31	18°25	14°34	11°37	11°D52	10°28	5°21	n.a.	F 26
S 27	17 35 39	22°42'59	5♈25	19°18	6°51	23°53	28°22	24°30	18°28	14°35	11°39	11°53	10°25	5°28	n.a.	S 27
S 28	17 39 35	23°40'26	17°18	19°57	8° 5	24°31	28°26	24°29	18°31	14°36	11°41	11°54	10°22	5°34	n.a.	S 28
M29	17 43 32	24°37'55	29° 5	20°33	9°18	25° 9	28°30	24°28	18°34	14°37	11°42	11°55	10°18	5°41	n.a.	M29
T 30	17 47 28	25♊35'26	10♉53	21♋ 4	10♊32	25♋47	28♍34	24♒27	18♉37	14♈38	11♌44	11°R56	10♏15	5♉48	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	20n 2	10n 1	1n59	25n 3	1n56	12n25	1s 7	24n57	1n21	2n15	1n27	15s36	2s 6	17n 3	0s 9	3n46	2s 0	32n46	15n44	15s52	15s38	13n21		n.a.	M 1
T 2	20 14	13 23	0 56	25 11	1 54	12 51	1 5	24 55	1 20	2 15	1 27	15 36	2 6	17 4	0 9	3 46	2 0	32 45	15 44	15 53	15 37	13 22		n.a.	T 2
W 3	20 27	16 14	0s 9	25 17	1 51	13 17	1 3	24 52	1 20	2 15	1 26	15 36	2 6	17 5	0 9	3 47	2 0	32 45	15 43	15 53	15 36	13 24		n.a.	W 3
T 4	20 39	18 24	1 14	25 21	1 48	13 43	1 1	24 49	1 20	2 15	1 26	15 35	2 7	17 6	0 9	3 48	2 0	32 44	15 43	15 53	15 35	13 25		n.a.	T 4
F 5	20 51	19 47	2 16	25 23	1 44	14 9	0 59	24 46	1 19	2 15	1 26	15 35	2 7	17 7	0 9	3 48	2 0	32 43	15 42	15 52	15 34	13 27		n.a.	F 5
S 6	21 3	20 16	3 13	25 23	1 39	14 34	0 57	24 43	1 19	2 14	1 26	15 35	2 7	17 8	0 9	3 49	2 0	32 42	15 42	15 51	15 33	13 28		n.a.	S 6
S 7	21 14	19 47	4 2	25 21	1 35	14 58	0 55	24 39	1 19	2 14	1 25	15 35	2 7	17 9	0 9	3 49	2 0	32 42	15 41	15 51	15 32	13 30		n.a.	S 7
M 8	21 25	18 21	4 40	25 18	1 29	15 23	0 52	24 36	1 18	2 13	1 25	15 35	2 8	17 10	0 9	3 50	2 0	32 41	15 41	15 49	15 31	13 31		n.a.	M 8
T 9	21 35	16 0	5 4	25 13	1 23	15 47	0 50	24 32	1 18	2 13	1 25	15 35	2 8	17 11	0 9	3 50	2 1	32 40	15 41	15 48	15 30	13 33		n.a.	T 9
W10	21 45	12 49	5 15	25 7	1 17	16 11	0 48	24 28	1 18	2 12	1 24	15 35	2 8	17 12	0 9	3 51	2 1	32 40	15 40	15 48	15 29	13 34		n.a.	W10
T 11	21 55	8 56	5 8	24 59	1 10	16 34	0 45	24 24	1 18	2 12	1 24	15 35	2 9	17 13	0 9	3 52	2 1	32 39	15 40	15 47	15 28	13 36		n.a.	T 11
F 12	22 4	4 31	4 45	24 50	1 2	16 57	0 43	24 19	1 17	2 11	1 24	15 35	2 9	17 14	0 9	3 52	2 1	32 38	15 39	15 47	15 27	13 37		n.a.	F 12
S 13	22 13	0s15	4 5	24 40	0 55	17 19	0 41	24 15	1 17	2 10	1 23	15 35	2 9	17 15	0 9	3 53	2 1	32 37	15 39	15 47	15 26	13 39		n.a.	S 13
S 14	22 22	5 6	3 9	24 28	0 47	17 41	0 38	24 10	1 17	2 9	1 23	15 35	2 9	17 16	0 9	3 53	2 1	32 37	15 39	15 47	15 25	13 40		n.a.	S 14
M15	22 30	9 47	2 0	24 16	0 38	18 3	0 36	24 5	1 16	2 8	1 23	15 35	2 10	17 17	0 9	3 54	2 1	32 36	15 38	15 48	15 24	13 42		n.a.	M15
T 16	22 38	13 57	0 42	24 2	0 29	18 24	0 33	24 0	1 16	2 7	1 22	15 35	2 10	17 18	0 9	3 54	2 1	32 35	15 38	15 48	15 23	13 43		n.a.	T 16
W17	22 46	17 17	0n39	23 48	0 20	18 45	0 31	23 55	1 16	2 6	1 22	15 35	2 10	17 19	0 9	3 55	2 1	32 34	15 38	15 48	15 22	13 44		n.a.	W17
T 18	22 53	19 27	1 58	23 33	0 10	19 5	0 28	23 49	1 15	2 5	1 22	15 36	2 11	17 20	0 9	3 55	2 1	32 33	15 37	15 48	15 21	13 46		n.a.	T 18
F 19	22 59	20 16	3 9	23 17	0s 0	19 25	0 26	23 44	1 15	2 4	1 21	15 36	2 11	17 21	0 9	3 56	2 1	32 33	15 37	15 47	15 20	13 47		n.a.	F 19
S 20	23 6	19 42	4 5	23 0	0 10	19 44	0 23	23 38	1 15	2 3	1 21	15 36	2 11	17 22	0 9	3 56	2 1	32 32	15 36	15 45	15 19	13 49		n.a.	S 20
S 21	23 11	17 52	4 45	22 43	0 21	20 3	0 21	23 32	1 14	2 1	1 21	15 37	2 11	17 23	0 9	3 56	2 1	32 31	15 36	15 44	15 18	13 50		n.a.	S 21
M22	23 17	15 3	5 7	22 26	0 32	20 21	0 18	23 26	1 14	2 0	1 20	15 37	2 12	17 24	0 9	3 57	2 1	32 30	15 36	15 42	15 16	13 52		n.a.	M22
T 23	23 22	11 31	5 11	22 8	0 43	20 39	0 16	23 20	1 14	1 58	1 20	15 38	2 12	17 25	0 9	3 57	2 1	32 30	15 35	15 41	15 15	13 53		n.a.	T 23
W24	23 27	7 32	4 59	21 50	0 55	20 56	0 13	23 13	1 14	1 57	1 20	15 38	2 12	17 26	0 9	3 58	2 1	32 29	15 35	15 40	15 14	13 55		n.a.	W24
T 25	23 31	3 20	4 32	21 32	1 7	21 12	0 11	23 7	1 13	1 55	1 20	15 38	2 13	17 26	0 9	3 58	2 1	32 28	15 35	15 39	15 13	13 56		n.a.	T 25
F 26	23 35	0n54	3 54	21 14	1 19	21 28	0 8	23 0	1 13	1 53	1 19	15 39	2 13	17 27	0 9	3 58	2 1	32 27	15 34	15 39	15 12	13 57		n.a.	F 26
S 27	23 38	5 1	3 6	20 56	1 31	21 43	0 6	22 53	1 13	1 52	1 19	15 40	2 13	17 28	0 9	3 59	2 2	32 26	15 34	15 39	15 11	13 59		n.a.	S 27
S 28	23 41	8 54	2 10	20 38	1 43	21 58	0 3	22 46	1 12	1 50	1 19	15 40	2 13	17 29	0 9	3 59	2 2	32 26	15 34	15 40	15 10	14 0		n.a.	S 28
M29	23 44	12 25	1 9	20 20	1 56	22 12	0 1	22 38	1 12	1 48	1 18	15 41	2 14	17 30	0 9	4 0	2 2	32 25	15 33	15 40	15 9	14 2		n.a.	M29
T 30	23n46	15n26	0n 6	20n 3	2s 8	22n26	0n 2	22n31	1n11	1n46	1n18	15s42	2s14	17n31	0s 9	4n 0	2s 2	32n24	15n33	15s40	15s 8	14n 3		n.a.	T 30

Julian Day Number = 1266838.5, Delta T = 08h20m57s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'10, Lahiri = -21°08'10 Julian Calendar 1 June 1245 BCE == Greg. Calendar 21 May 1245 BCE

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ASTRODIENST EPHEMERIS for the year 1245 BCE
geocentric

JULY 1245 BCE (-1244) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 51 25	26♊32'57	22♉45	21♋32	11♊46	26♋25	28♍39	24°R26	18♉40	14♈39	11♌46	11°R55	10♏12	5♉54	n.a.	W 1
T 2	17 55 21	27°30'31	4♊44	21°55	12°59	27° 3	28°43	24♒24	18°43	14°40	11°47	11♏53	10° 9	6° 1	n.a.	T 2
F 3	17 59 18	28°28'06	16°54	22°13	14°13	27°41	28°48	24°23	18°46	14°41	11°49	11°48	10° 6	6° 8	n.a.	F 3
S 4	18 3 15	29°25'42	29°16	22°27	15°27	28°20	28°53	24°21	18°49	14°42	11°51	11°42	10° 3	6°14	n.a.	S 4
S 5	18 7 11	0♋23'19	11♋51	22°35	16°41	28°58	28°58	24°19	18°52	14°43	11°53	11°34	9°59	6°21	n.a.	S 5
M 6	18 11 8	1°20'59	24°39	22°R38	17°54	29°36	29° 3	24°18	18°55	14°44	11°54	11°25	9°56	6°28	n.a.	M 6
T 7	18 15 4	2°18'39	7♌40	22°36	19° 8	0♌15	29° 8	24°16	18°57	14°45	11°56	11°16	9°53	6°34	n.a.	T 7
W 8	18 19 1	3°16'21	20°55	22°28	20°22	0°53	29°14	24°14	19° 0	14°45	11°58	11° 9	9°50	6°41	n.a.	W 8
T 9	18 22 57	4°14'03	4♍21	22°14	21°36	1°32	29°19	24°12	19° 3	14°46	12° 0	11° 3	9°47	6°48	n.a.	T 9
F 10	18 26 54	5°11'48	18° 0	21°55	22°50	2°10	29°25	24° 9	19° 6	14°47	12° 2	11° 0	9°43	6°54	n.a.	F 10
S 11	18 30 50	6° 9'33	1♎50	21°30	24° 4	2°49	29°31	24° 7	19° 8	14°47	12° 4	10°D59	9°40	7° 1	n.a.	S 11
S 12	18 34 47	7° 7'20	15°52	21° 0	25°18	3°28	29°37	24° 5	19°11	14°48	12° 6	10°59	9°37	7° 8	n.a.	S 12
M13	18 38 44	8° 5'08	0♏ 4	20°25	26°32	4° 6	29°43	24° 2	19°14	14°49	12° 8	11° 0	9°34	7°14	n.a.	M13
T 14	18 42 40	9° 2'57	14°27	19°44	27°46	4°45	29°50	24° 0	19°16	14°49	12°10	11°R 0	9°31	7°21	n.a.	T 14
W15	18 46 37	10° 0'48	28°56	18°59	29° 0	5°24	29°56	23°57	19°19	14°50	12°12	10°59	9°28	7°27	n.a.	W15
T 16	18 50 33	10°58'40	13♐28	18°10	0♋14	6° 3	0♎ 3	23°54	19°22	14°50	12°13	10°55	9°24	7°34	n.a.	T 16
F 17	18 54 30	11°56'34	27°57	17°19	1°29	6°41	0°10	23°51	19°24	14°51	12°15	10°49	9°21	7°41	n.a.	F 17
S 18	18 58 26	12°54'30	12♑17	16°25	2°43	7°20	0°16	23°49	19°27	14°51	12°17	10°41	9°18	7°47	n.a.	S 18
S 19	19 2 23	13°52'27	26°23	15°30	3°57	7°59	0°24	23°46	19°29	14°51	12°20	10°31	9°15	7°54	n.a.	S 19
M20	19 6 19	14°50'26	10♒ 9	14°35	5°11	8°38	0°31	23°42	19°31	14°52	12°22	10°21	9°12	8° 1	n.a.	M20
T 21	19 10 16	15°48'27	23°32	13°41	6°26	9°17	0°38	23°39	19°34	14°52	12°24	10°11	9° 9	8° 7	n.a.	T 21
W22	19 14 13	16°46'30	6♓32	12°49	7°40	9°56	0°46	23°36	19°36	14°52	12°26	10° 3	9° 5	8°14	n.a.	W22
T 23	19 18 9	17°44'35	19° 9	12° 1	8°54	10°35	0°53	23°33	19°38	14°53	12°28	9°57	9° 2	8°21	n.a.	T 23
F 24	19 22 6	18°42'41	1♈27	11°17	10° 9	11°15	1° 1	23°29	19°41	14°53	12°30	9°53	8°59	8°27	n.a.	F 24
S 25	19 26 2	19°40'51	13°29	10°39	11°23	11°54	1° 9	23°26	19°43	14°53	12°32	9°52	8°56	8°34	n.a.	S 25
S 26	19 29 59	20°39'02	25°22	10° 8	12°37	12°33	1°17	23°22	19°45	14°53	12°34	9°D52	8°53	8°41	n.a.	S 26
M27	19 33 55	21°37'15	7♉10	9°43	13°52	13°12	1°25	23°19	19°47	14°53	12°36	9°R52	8°49	8°47	n.a.	M27
T 28	19 37 52	22°35'31	18°59	9°27	15° 6	13°52	1°33	23°15	19°49	14°54	12°38	9°52	8°46	8°54	n.a.	T 28
W29	19 41 48	23°33'49	0♊54	9°D19	16°21	14°31	1°41	23°11	19°51	14°54	12°40	9°50	8°43	9° 0	n.a.	W29
T 30	19 45 45	24°32'09	13° 0	9°19	17°36	15°11	1°50	23° 7	19°53	14°R54	12°43	9°46	8°40	9° 7	n.a.	T 30
F 31	19 49 41	25♋30'31	25♊19	9♋28	18♋50	15♌50	1♎59	23♒ 4	19♉55	14♈54	12♌45	9♏39	8♏37	9♉14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n48	17n50	0s58	19n46	2s21	22n39	0n 4	22n23	1n11	1n44	1n18	15s42	2s14	17n32	0s 9	4n 0	2s 2	32n23	15n33	15s40	15s 7	14n 5			n.a.
T 2	23 49	19 28	2 0	19 30	2 33	22 51	0 7	22 15	1 11	1 42	1 17	15 43	2 15	17 33	0 9	4 0	2 2	32 22	15 33	15 39	15 6	14 6			n.a.
F 3	23 50	20 14	2 58	19 15	2 45	23 2	0 9	22 7	1 10	1 40	1 17	15 44	2 15	17 33	0 9	4 1	2 2	32 22	15 32	15 38	15 5	14 7			n.a.
S 4	23 50	20 3	3 47	19 1	2 58	23 13	0 12	21 59	1 10	1 38	1 17	15 45	2 15	17 34	0 9	4 1	2 2	32 21	15 32	15 36	15 4	14 9			n.a.
S 5	23 50	18 52	4 27	18 48	3 9	23 24	0 14	21 51	1 10	1 35	1 17	15 45	2 15	17 35	0 9	4 1	2 2	32 20	15 32	15 33	15 3	14 10			n.a.
M 6	23 50	16 44	4 54	18 36	3 21	23 33	0 16	21 42	1 9	1 33	1 16	15 46	2 16	17 36	0 9	4 2	2 2	32 19	15 31	15 31	15 2	14 12			n.a.
T 7	23 49	13 44	5 6	18 25	3 32	23 42	0 19	21 34	1 9	1 30	1 16	15 47	2 16	17 37	0 9	4 2	2 2	32 18	15 31	15 28	15 1	14 13			n.a.
W 8	23 48	9 59	5 2	18 16	3 43	23 50	0 21	21 25	1 9	1 28	1 16	15 48	2 16	17 37	0 9	4 2	2 2	32 18	15 31	15 25	15 0	14 14			n.a.
T 9	23 46	5 42	4 42	18 9	3 53	23 58	0 24	21 16	1 8	1 25	1 15	15 49	2 16	17 38	0 9	4 2	2 2	32 17	15 31	15 24	14 59	14 16			n.a.
F 10	23 44	1 4	4 6	18 3	4 2	24 4	0 26	21 7	1 8	1 23	1 15	15 50	2 17	17 39	0 9	4 3	2 2	32 16	15 30	15 23	14 58	14 17			n.a.
S 11	23 42	3s42	3 14	17 59	4 10	24 10	0 28	20 57	1 8	1 20	1 15	15 51	2 17	17 40	0 9	4 3	2 2	32 15	15 30	15 22	14 57	14 19			n.a.
S 12	23 39	8 21	2 11	17 56	4 17	24 16	0 30	20 48	1 7	1 17	1 15	15 52	2 17	17 40	0 9	4 3	2 3	32 14	15 30	15 22	14 56	14 20			n.a.
M13	23 35	12 36	0 58	17 56	4 23	24 20	0 33	20 38	1 7	1 15	1 14	15 53	2 17	17 41	0 9	4 3	2 3	32 13	15 30	15 22	14 55	14 21			n.a.
T 14	23 32	16 9	0n18	17 58	4 27	24 24	0 35	20 28	1 6	1 12	1 14	15 54	2 18	17 42	0 9	4 3	2 3	32 13	15 29	15 23	14 54	14 23			n.a.
W15	23 27	18 43	1 35	18 1	4 29	24 27	0 37	20 18	1 6	1 9	1 14	15 55	2 18	17 43	0 9	4 3	2 3	32 12	15 29	15 22	14 53	14 24			n.a.
T 16	23 23	20 4	2 45	18 7	4 30	24 30	0 39	20 8	1 6	1 6	1 13	15 57	2 18	17 43	0 9	4 3	2 3	32 11	15 29	15 21	14 52	14 25			n.a.
F 17	23 18	20 6	3 44	18 15	4 30	24 31	0 41	19 58	1 5	1 3	1 13	15 58	2 18	17 44	0 9	4 4	2 3	32 10	15 29	15 19	14 51	14 27			n.a.
S 18	23 12	18 49	4 28	18 24	4 27	24 32	0 43	19 47	1 5	1 0	1 13	15 59	2 19	17 45	0 9	4 4	2 3	32 9	15 29	15 16	14 50	14 28			n.a.
S 19	23 6	16 24	4 55	18 35	4 22	24 32	0 45	19 37	1 5	0 57	1 13	16 0	2 19	17 45	0 9	4 4	2 3	32 9	15 28	15 13	14 49	14 29			n.a.
M20	23 0	13 7	5 4	18 48	4 15	24 32	0 47	19 26	1 4	0 54	1 12	16 1	2 19	17 46	0 9	4 4	2 3	32 8	15 28	15 10	14 48	14 31			n.a.
T 21	22 53	9 15	4 56	19 2	4 7	24 30	0 49	19 15	1 4	0 51	1 12	16 3	2 19	17 47	0 9	4 4	2 3	32 7	15 28	15 7	14 47	14 32			n.a.
W22	22 46	5 3	4 32	19 17	3 57	24 28	0 51	19 4	1 3	0 47	1 12	16 4	2 19	17 47	0 9	4 4	2 3	32 6	15 28	15 4	14 46	14 34			n.a.
T 23	22 38	0 45	3 56	19 34	3 45	24 25	0 53	18 53	1 3	0 44	1 12	16 5	2 20	17 48	0 9	4 4	2 3	32 5	15 28	15 3	14 45	14 35			n.a.
F 24	22 31	3n29	3 10	19 51	3 31	24 21	0 55	18 42	1 3	0 41	1 11	16 7	2 20	17 49	0 9	4 4	2 3	32 5	15 28	15 1	14 44	14 36			n.a.
S 25	22 22	7 29	2 16	20 9	3 16	24 17	0 57	18 30	1 2	0 37	1 11	16 8	2 20	17 49	0 9	4 4	2 3	32 4	15 28	15 1	14 43	14 38			n.a.
S 26	22 13	11 9	1 17	20 27	3 0	24 12	0 58	18 19	1 2	0 34	1 11	16 9	2 20	17 50	0 9	4 4	2 3	32 3	15 27	15 1	14 42	14 39			n.a.
M27	22 4	14 22	0 14	20 46	2 43	24 6	1 0	18 7	1 1	0 30	1 11	16 11	2 21	17 50	0 9	4 4	2 4	32 2	15 27	15 1	14 41	14 40			n.a.
T 28	21 55	16 59	0s48	21 5	2 26	23 59	1 2	17 55	1 1	0 27	1 10	16 12	2 21	17 51	0 9	4 4	2 4	32 2	15 27	15 1	14 40	14 42			n.a.
W29	21 45	18 54	1 49	21 23	2 8	23 52	1 3	17 43	1 1	0 23	1 10	16 14	2 21	17 52	0 9	4 4	2 4	32 1	15 27	15 0	14 39	14 43			n.a.
T 30	21 34	19 59	2 46	21 41	1 50	23 44	1 5	17 31	1 0	0 19	1 10	16 15	2 21	17 52	0 9	4 4	2 4	32 0	15 27	14 59	14 38	14 44			n.a.
F 31	21n24	20n 9	3s36	21n58	1s31	23n35	1n 6	17n18	1n 0	0n16	1n10	16s17	2s21	17n53	0s 9	4n 4	2s 4	31n59	15n27	14s57	14s37	14n45			n.a.

Julian Day Number = 1266868.5, Delta T = 08h20m55s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'06, Lahiri = -21°08'06 Julian Calendar 1 July 1245 BCE == Greg. Calendar 20 June 1245 BCE

The year -1244 astronomical counting style corresponds to year 1245 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1245 BCE
geocentric

AUGUST 1245 BCE (-1244) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 53 38	26♋28'55	7♋54	9♋47	20♋ 5	16♌30	2♎ 7	23°R 0	19♉57	14°R54	12♌47	9°R29	8♏34	9♉20	n.a.	S 1
S 2	19 57 35	27°27'22	20°47	10°14	21°20	17° 9	2°16	22♒56	19°59	14♈53	12°49	9♏18	8°30	9°27	n.a.	S 2
M 3	20 1 31	28°25'50	3♌57	10°50	22°34	17°49	2°25	22°51	20° 1	14°53	12°51	9° 5	8°27	9°34	n.a.	M 3
T 4	20 5 28	29°24'21	17°22	11°34	23°49	18°29	2°34	22°47	20° 2	14°53	12°54	8°53	8°24	9°40	n.a.	T 4
W 5	20 9 24	0♌22'53	1♍ 0	12°26	25° 4	19° 8	2°43	22°43	20° 4	14°53	12°56	8°42	8°21	9°47	n.a.	W 5
T 6	20 13 21	1°21'28	14°48	13°26	26°18	19°48	2°53	22°39	20° 6	14°53	12°58	8°33	8°18	9°54	n.a.	T 6
F 7	20 17 17	2°20'04	28°43	14°33	27°33	20°28	3° 2	22°35	20° 7	14°53	13° 0	8°27	8°15	10° 0	n.a.	F 7
S 8	20 21 14	3°18'42	12♎43	15°46	28°48	21° 8	3°12	22°30	20° 9	14°52	13° 2	8°24	8°11	10° 7	n.a.	S 8
S 9	20 25 10	4°17'21	26°46	17° 5	0♌ 3	21°48	3°21	22°26	20°10	14°52	13° 5	8°23	8° 8	10°14	n.a.	S 9
M10	20 29 7	5°16'03	10♏52	18°30	1°18	22°28	3°31	22°21	20°12	14°52	13° 7	8°23	8° 5	10°20	n.a.	M10
T 11	20 33 4	6°14'46	25° 0	19°59	2°33	23° 8	3°41	22°17	20°13	14°51	13° 9	8°23	8° 2	10°27	n.a.	T 11
W12	20 37 0	7°13'32	9♐ 8	21°33	3°47	23°48	3°51	22°13	20°15	14°51	13°11	8°21	7°59	10°34	n.a.	W12
T 13	20 40 57	8°12'19	23°16	23°10	5° 2	24°28	4° 1	22° 8	20°16	14°50	13°14	8°16	7°55	10°40	n.a.	T 13
F 14	20 44 53	9°11'08	7♑19	24°50	6°17	25° 8	4°11	22° 3	20°17	14°50	13°16	8° 8	7°52	10°47	n.a.	F 14
S 15	20 48 50	10° 9'59	21°15	26°32	7°32	25°48	4°21	21°59	20°19	14°50	13°18	7°58	7°49	10°53	n.a.	S 15
S 16	20 52 46	11° 8'52	4♒59	28°17	8°47	26°29	4°31	21°54	20°20	14°49	13°20	7°46	7°46	11° 0	n.a.	S 16
M17	20 56 43	12° 7'47	18°28	0♌ 3	10° 2	27° 9	4°42	21°50	20°21	14°48	13°23	7°33	7°43	11° 7	n.a.	M17
T 18	21 0 39	13° 6'45	1♓39	1°50	11°17	27°49	4°52	21°45	20°22	14°48	13°25	7°21	7°40	11°13	n.a.	T 18
W19	21 4 36	14° 5'44	14°31	3°38	12°32	28°30	5° 3	21°40	20°23	14°47	13°27	7°11	7°36	11°20	n.a.	W19
T 20	21 8 32	15° 4'46	27° 4	5°27	13°47	29°10	5°14	21°35	20°24	14°47	13°29	7° 3	7°33	11°27	n.a.	T 20
F 21	21 12 29	16° 3'51	9♈19	7°16	15° 2	29°51	5°24	21°31	20°25	14°46	13°32	6°57	7°30	11°33	n.a.	F 21
S 22	21 16 26	17° 2'57	21°21	9° 6	16°17	0♍31	5°35	21°26	20°26	14°45	13°34	6°55	7°27	11°40	n.a.	S 22
S 23	21 20 22	18° 2'06	3♉13	10°55	17°33	1°12	5°46	21°21	20°27	14°44	13°36	6°D54	7°24	11°47	n.a.	S 23
M24	21 24 19	19° 1'18	15° 1	12°44	18°48	1°53	5°57	21°16	20°27	14°44	13°38	6°R54	7°20	11°53	n.a.	M24
T 25	21 28 15	20° 0'32	26°50	14°32	20° 3	2°33	6° 8	21°12	20°28	14°43	13°41	6°54	7°17	12° 0	n.a.	T 25
W26	21 32 12	20°59'49	8♊46	16°20	21°18	3°14	6°19	21° 7	20°29	14°42	13°43	6°52	7°14	12° 7	n.a.	W26
T 27	21 36 8	21°59'08	20°54	18° 8	22°33	3°55	6°31	21° 2	20°30	14°41	13°45	6°49	7°11	12°13	n.a.	T 27
F 28	21 40 5	22°58'30	3♋18	19°55	23°48	4°36	6°42	20°57	20°30	14°40	13°47	6°43	7° 8	12°20	n.a.	F 28
S 29	21 44 1	23°57'53	16° 2	21°41	25° 3	5°17	6°54	20°52	20°31	14°39	13°50	6°35	7° 5	12°27	n.a.	S 29
S 30	21 47 58	24°57'20	29° 8	23°27	26°19	5°58	7° 5	20°48	20°31	14°38	13°52	6°24	7° 1	12°33	n.a.	S 30
M31	21 51 55	25♌56'48	12♌36	25♌12	27♌34	6♍39	7♎17	20♒43	20♉31	14♈37	13♌54	6♏12	6♏58	12♉40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n13	19n19	4s17	22n15	1s14	23n26	1n 8	17n 6	0n59	0n12	1n 9	16s18	2s22	17n53	0s 9	4n 4	2s 4	31n58	15n27	14s54	14s36	14n47		n.a.
S 2	21 1	17 30	4 46	22 31	0 56	23 15	1 9	16 53	0 59	0 8	1 9	16 20	2 22	17 54	0 9	4 4	2 4	31 58	15 27	14 50	14 35	14 48		n.a.
M 3	20 49	14 44	5 0	22 45	0 39	23 4	1 11	16 41	0 59	0 4	1 9	16 21	2 22	17 54	0 9	4 4	2 4	31 57	15 27	14 46	14 33	14 49		n.a.
T 4	20 37	11 10	4 58	22 57	0 22	22 53	1 12	16 28	0 58	0 1	1 9	16 23	2 22	17 55	0 9	4 3	2 4	31 56	15 26	14 42	14 32	14 51		n.a.
W 5	20 24	6 58	4 39	23 8	0 7	22 40	1 13	16 15	0 58	0s 3	1 8	16 24	2 22	17 55	0 9	4 3	2 4	31 55	15 26	14 38	14 31	14 52		n.a.
T 6	20 11	2 21	4 3	23 17	0n 8	22 27	1 14	16 2	0 57	0 7	1 8	16 26	2 22	17 56	0 9	4 3	2 4	31 55	15 26	14 35	14 30	14 53		n.a.
F 7	19 58	2s26	3 13	23 24	0 22	22 14	1 15	15 48	0 57	0 11	1 8	16 27	2 23	17 56	0 9	4 3	2 4	31 54	15 26	14 34	14 29	14 55		n.a.
S 8	19 44	7 7	2 11	23 28	0 35	21 59	1 16	15 35	0 56	0 15	1 8	16 29	2 23	17 56	0 9	4 3	2 4	31 53	15 26	14 33	14 28	14 56		n.a.
S 9	19 30	11 26	1 1	23 30	0 47	21 44	1 17	15 21	0 56	0 19	1 8	16 31	2 23	17 57	0 9	4 3	2 4	31 52	15 26	14 32	14 27	14 57		n.a.
M10	19 16	15 8	0n13	23 29	0 58	21 28	1 18	15 8	0 56	0 24	1 7	16 32	2 23	17 57	0 9	4 3	2 4	31 52	15 26	14 32	14 26	14 58		n.a.
T 11	19 1	17 56	1 27	23 26	1 7	21 12	1 19	14 54	0 55	0 28	1 7	16 34	2 23	17 58	0 9	4 2	2 5	31 51	15 26	14 32	14 25	15 0		n.a.
W12	18 46	19 38	2 35	23 20	1 16	20 55	1 20	14 40	0 55	0 32	1 7	16 36	2 23	17 58	0 9	4 2	2 5	31 50	15 26	14 31	14 24	15 1		n.a.
T 13	18 31	20 7	3 34	23 12	1 24	20 38	1 21	14 26	0 54	0 36	1 7	16 37	2 23	17 58	0 9	4 2	2 5	31 50	15 26	14 30	14 23	15 2		n.a.
F 14	18 15	19 20	4 19	23 0	1 31	20 19	1 21	14 12	0 54	0 40	1 6	16 39	2 23	17 59	0 9	4 2	2 5	31 49	15 26	14 27	14 22	15 4		n.a.
S 15	17 59	17 23	4 48	22 46	1 36	20 1	1 22	13 58	0 53	0 45	1 6	16 40	2 24	17 59	0 9	4 1	2 5	31 48	15 26	14 24	14 21	15 5		n.a.
S 16	17 43	14 29	5 0	22 30	1 41	19 41	1 22	13 43	0 53	0 49	1 6	16 42	2 24	17 59	0 9	4 1	2 5	31 48	15 26	14 20	14 20	15 6		n.a.
M17	17 27	10 52	4 55	22 11	1 45	19 21	1 23	13 29	0 52	0 54	1 6	16 44	2 24	18 0	0 9	4 1	2 5	31 47	15 26	14 16	14 19	15 7		n.a.
T 18	17 10	6 48	4 34	21 50	1 48	19 1	1 23	13 14	0 52	0 58	1 6	16 45	2 24	18 0	0 9	4 1	2 5	31 46	15 26	14 12	14 18	15 9		n.a.
W19	16 52	2 31	4 0	21 26	1 50	18 40	1 24	13 0	0 52	1 2	1 5	16 47	2 24	18 0	0 9	4 0	2 5	31 46	15 26	14 8	14 17	15 10		n.a.
T 20	16 35	1n47	3 14	21 1	1 51	18 18	1 24	12 45	0 51	1 7	1 5	16 49	2 24	18 1	0 9	4 0	2 5	31 45	15 26	14 6	14 16	15 11		n.a.
F 21	16 17	5 54	2 21	20 34	1 52	17 56	1 24	12 30	0 51	1 11	1 5	16 50	2 24	18 1	0 9	4 0	2 5	31 44	15 27	14 4	14 15	15 12		n.a.
S 22	15 59	9 43	1 22	20 4	1 52	17 33	1 24	12 15	0 50	1 16	1 5	16 52	2 24	18 1	0 9	3 59	2 5	31 44	15 27	14 3	14 14	15 14		n.a.
S 23	15 41	13 6	0 20	19 34	1 51	17 10	1 24	12 0	0 50	1 20	1 5	16 54	2 24	18 1	0 9	3 59	2 5	31 43	15 27	14 3	14 13	15 15		n.a.
M24	15 22	15 56	0s43	19 1	1 50	16 47	1 24	11 45	0 49	1 25	1 4	16 55	2 24	18 2	0 8	3 59	2 5	31 42	15 27	14 3	14 12	15 16		n.a.
T 25	15 3	18 6	1 44	18 28	1 48	16 23	1 24	11 29	0 49	1 30	1 4	16 57	2 24	18 2	0 8	3 58	2 5	31 42	15 27	14 3	14 10	15 17		n.a.
W26	14 44	19 29	2 41	17 53	1 46	15 58	1 24	11 14	0 48	1 34	1 4	16 59	2 25	18 2	0 8	3 58	2 5	31 41	15 27	14 2	14 9	15 19		n.a.
T 27	14 25	20 0	3 31	17 17	1 43	15 33	1 24	10 59	0 48	1 39	1 4	17 0	2 25	18 2	0 8	3 57	2 6	31 41	15 27	14 1	14 8	15 20		n.a.
F 28	14 5	19 35	4 13	16 39	1 40	15 8	1 24	10 43	0 47	1 44	1 4	17 2	2 25	18 2	0 8	3 57	2 6	31 40	15 27	13 59	14 7	15 21		n.a.
S 29	13 45	18 10	4 43	16 1	1 36	14 42	1 24	10 27	0 47	1 49	1 4	17 3	2 25	18 2	0 8	3 57	2 6	31 39	15 27	13 56	14 6	15 22		n.a.
S 30	13 25	15 47	5 0	15 22	1 32	14 15	1 23	10 11	0 46	1 53	1 3	17 5	2 25	18 2	0 8	3 56	2 6	31 39	15 27	13 53	14 5	15 23		n.a.
M31	13n 5	12n30	5s 1	14n43	1n28	13n49	1n23	9n56	0n46	1s58	1n 3	17s 7	2s25	18n 3	0s 8	3n56	2s 6	31n38	15n28	13s49	14s 4	15n25		n.a.

Julian Day Number = 1266899.5, Delta T = 08h20m53s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°15'02, Lahiri = -21°08'01 Julian Calendar 1 Aug. 1245 BCE == Greg. Calendar 21 July 1245 BCE

The year -1244 astronomical counting style corresponds to year 1245 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1245 BCE
geocentric

SEPTEMBER 1245 BCE (-1244) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 55 51	26♌56'19	26♌23	26♌56	28♌49	7♍20	7♎28	20°R38	20♉32	14°R36	13♌56	6°R 1	6♏55	12♉46	n.a.	T 1
W 2	21 59 48	27°55'52	10♍26	28°40	0♍ 4	8° 1	7°40	20♒33	20°32	14♈35	13°58	5♏50	6°52	12°53	n.a.	W 2
T 3	22 3 44	28°55'27	24°40	0♍23	1°20	8°42	7°52	20°29	20°32	14°34	14° 1	5°42	6°49	13° 0	n.a.	T 3
F 4	22 7 41	29°55'04	9♎ 0	2° 5	2°35	9°23	8° 4	20°24	20°33	14°33	14° 3	5°37	6°46	13° 6	n.a.	F 4
S 5	22 11 37	0♍54'43	23°21	3°46	3°50	10° 5	8°16	20°19	20°33	14°32	14° 5	5°34	6°42	13°13	n.a.	S 5
S 6	22 15 34	1°54'24	7♏39	5°27	5° 5	10°46	8°28	20°15	20°33	14°31	14° 7	5°D34	6°39	13°20	n.a.	S 6
M 7	22 19 30	2°54'07	21°51	7° 7	6°21	11°27	8°40	20°10	20°R33	14°30	14° 9	5°34	6°36	13°26	n.a.	M 7
T 8	22 23 27	3°53'52	5♐56	8°46	7°36	12° 9	8°52	20° 6	20°33	14°29	14°12	5°R35	6°33	13°33	n.a.	T 8
W 9	22 27 23	4°53'39	19°54	10°25	8°51	12°50	9° 4	20° 1	20°33	14°27	14°14	5°34	6°30	13°40	n.a.	W 9
T 10	22 31 20	5°53'27	3♑43	12° 3	10° 7	13°32	9°16	19°57	20°33	14°26	14°16	5°30	6°26	13°46	n.a.	T 10
F 11	22 35 17	6°53'17	17°23	13°40	11°22	14°13	9°29	19°52	20°32	14°25	14°18	5°25	6°23	13°53	n.a.	F 11
S 12	22 39 13	7°53'10	0♒54	15°17	12°37	14°55	9°41	19°48	20°32	14°24	14°20	5°17	6°20	14° 0	n.a.	S 12
S 13	22 43 10	8°53'04	14°13	16°53	13°53	15°37	9°53	19°43	20°32	14°22	14°22	5° 7	6°17	14° 6	n.a.	S 13
M14	22 47 6	9°53'00	27°19	18°28	15° 8	16°18	10° 6	19°39	20°32	14°21	14°24	4°57	6°14	14°13	n.a.	M14
T 15	22 51 3	10°52'57	10♓10	20° 3	16°23	17° 0	10°18	19°35	20°31	14°20	14°26	4°47	6°11	14°19	n.a.	T 15
W16	22 54 59	11°52'57	22°48	21°38	17°39	17°42	10°31	19°30	20°31	14°18	14°28	4°39	6° 7	14°26	n.a.	W16
T 17	22 58 56	12°53'00	5♈10	23°12	18°54	18°24	10°44	19°26	20°30	14°17	14°30	4°33	6° 4	14°33	n.a.	T 17
F 18	23 2 52	13°53'04	17°19	24°45	20° 9	19° 6	10°56	19°22	20°30	14°15	14°33	4°29	6° 1	14°39	n.a.	F 18
S 19	23 6 49	14°53'10	29°18	26°18	21°25	19°48	11° 9	19°18	20°29	14°14	14°35	4°D27	5°58	14°46	n.a.	S 19
S 20	23 10 45	15°53'19	11♉ 8	27°50	22°40	20°30	11°22	19°14	20°28	14°13	14°37	4°27	5°55	14°53	n.a.	S 20
M21	23 14 42	16°53'30	22°55	29°22	23°55	21°12	11°35	19°10	20°28	14°11	14°39	4°28	5°52	14°59	n.a.	M21
T 22	23 18 39	17°53'43	4♊44	0♎53	25°11	21°54	11°47	19° 6	20°27	14°10	14°41	4°30	5°48	15° 6	n.a.	T 22
W23	23 22 35	18°53'58	16°39	2°24	26°26	22°36	12° 0	19° 2	20°26	14° 8	14°42	4°R30	5°45	15°13	n.a.	W23
T 24	23 26 32	19°54'15	28°45	3°54	27°41	23°19	12°13	18°59	20°25	14° 7	14°44	4°30	5°42	15°19	n.a.	T 24
F 25	23 30 28	20°54'35	11♋ 8	5°24	28°57	24° 1	12°26	18°55	20°24	14° 5	14°46	4°28	5°39	15°26	n.a.	F 25
S 26	23 34 25	21°54'57	23°53	6°54	0♎12	24°43	12°39	18°51	20°23	14° 4	14°48	4°24	5°36	15°33	n.a.	S 26
S 27	23 38 21	22°55'21	7♌ 1	8°23	1°27	25°26	12°52	18°48	20°22	14° 2	14°50	4°18	5°32	15°39	n.a.	S 27
M28	23 42 18	23°55'47	20°36	9°51	2°43	26° 8	13° 5	18°44	20°21	14° 0	14°52	4°12	5°29	15°46	n.a.	M28
T 29	23 46 14	24°56'15	4♍35	11°19	3°58	26°51	13°19	18°41	20°20	13°59	14°54	4° 5	5°26	15°53	n.a.	T 29
W30	23 50 11	25♍56'45	18♍56	12♎46	5♎13	27♍33	13♎32	18♒38	20♉19	13♈57	14♌56	3♏59	5♏23	15♉59	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n44	8n29	4s44	14n 2	1n23	13n22	1n22	9n40	0n45	2s 3	1n 3	17s 8	2s25	18n 3	0s 8	3n55	2s 6	31n38	15n28	13s45	14s 3	15n26		n.a.
W 2	12 24	3 56	4 10	13 21	1 18	12 54	1 22	9 24	0 45	2 8	1 3	17 10	2 25	18 3	0 8	3 55	2 6	31 37	15 28	13 41	14 2	15 27		n.a.
T 3	12 3	0s54	3 20	12 40	1 13	12 27	1 21	9 7	0 44	2 13	1 3	17 11	2 25	18 3	0 8	3 54	2 6	31 37	15 28	13 39	14 1	15 28		n.a.
F 4	11 41	5 43	2 17	11 58	1 8	11 59	1 21	8 51	0 44	2 18	1 3	17 13	2 25	18 3	0 8	3 54	2 6	31 36	15 28	13 37	14 0	15 29		n.a.
S 5	11 20	10 13	1 5	11 15	1 2	11 30	1 20	8 35	0 43	2 23	1 2	17 14	2 25	18 3	0 8	3 53	2 6	31 35	15 28	13 36	13 59	15 31		n.a.
S 6	10 58	14 7	0n11	10 33	0 57	11 1	1 19	8 19	0 43	2 28	1 2	17 16	2 25	18 3	0 8	3 53	2 6	31 35	15 29	13 36	13 58	15 32		n.a.
M 7	10 37	17 9	1 26	9 50	0 51	10 32	1 18	8 2	0 42	2 33	1 2	17 17	2 25	18 3	0 8	3 52	2 6	31 34	15 29	13 36	13 57	15 33		n.a.
T 8	10 15	19 7	2 35	9 6	0 45	10 3	1 17	7 46	0 42	2 37	1 2	17 19	2 25	18 3	0 8	3 52	2 6	31 34	15 29	13 36	13 56	15 34		n.a.
W 9	9 52	19 54	3 34	8 23	0 39	9 33	1 16	7 29	0 41	2 43	1 2	17 20	2 25	18 3	0 8	3 51	2 6	31 33	15 29	13 36	13 55	15 35		n.a.
T 10	9 30	19 27	4 20	7 39	0 32	9 4	1 15	7 12	0 41	2 48	1 2	17 22	2 25	18 3	0 8	3 51	2 6	31 33	15 30	13 35	13 54	15 37		n.a.
F 11	9 8	17 53	4 50	6 56	0 26	8 34	1 14	6 56	0 40	2 53	1 1	17 23	2 25	18 3	0 8	3 50	2 6	31 33	15 30	13 33	13 52	15 38		n.a.
S 12	8 45	15 21	5 4	6 12	0 20	8 3	1 13	6 39	0 40	2 58	1 1	17 24	2 25	18 3	0 8	3 50	2 6	31 32	15 30	13 30	13 51	15 39		n.a.
S 13	8 22	12 2	5 1	5 28	0 13	7 33	1 12	6 22	0 39	3 3	1 1	17 26	2 25	18 3	0 8	3 49	2 6	31 32	15 30	13 27	13 50	15 40		n.a.
M14	7 59	8 11	4 43	4 44	0 6	7 2	1 10	6 5	0 39	3 8	1 1	17 27	2 25	18 3	0 8	3 49	2 6	31 31	15 31	13 23	13 49	15 41		n.a.
T 15	7 36	4 2	4 10	4 0	0s 0	6 31	1 9	5 48	0 38	3 13	1 1	17 29	2 25	18 3	0 8	3 48	2 6	31 31	15 31	13 20	13 48	15 42		n.a.
W16	7 13	0n13	3 25	3 16	0 7	6 0	1 8	5 31	0 38	3 18	1 1	17 30	2 25	18 2	0 8	3 48	2 6	31 30	15 31	13 17	13 47	15 44		n.a.
T 17	6 50	4 23	2 31	2 32	0 14	5 29	1 6	5 14	0 37	3 23	1 1	17 31	2 24	18 2	0 8	3 47	2 7	31 30	15 31	13 15	13 46	15 45		n.a.
F 18	6 27	8 19	1 31	1 49	0 20	4 57	1 5	4 57	0 37	3 28	1 0	17 32	2 24	18 2	0 8	3 46	2 7	31 30	15 32	13 14	13 45	15 46		n.a.
S 19	6 3	11 50	0 28	1 5	0 27	4 26	1 3	4 39	0 36	3 34	1 0	17 34	2 24	18 2	0 8	3 46	2 7	31 29	15 32	13 13	13 44	15 47		n.a.
S 20	5 39	14 51	0s36	0 22	0 34	3 54	1 2	4 22	0 35	3 39	1 0	17 35	2 24	18 2	0 8	3 45	2 7	31 29	15 32	13 13	13 43	15 48		n.a.
M21	5 16	17 14	1 38	0s22	0 40	3 22	1 0	4 5	0 35	3 44	1 0	17 36	2 24	18 2	0 8	3 45	2 7	31 29	15 32	13 13	13 42	15 49		n.a.
T 22	4 52	18 52	2 37	1 5	0 47	2 50	0 58	3 47	0 34	3 49	1 0	17 37	2 24	18 1	0 8	3 44	2 7	31 28	15 33	13 14	13 41	15 50		n.a.
W23	4 28	19 42	3 29	1 47	0 54	2 18	0 57	3 30	0 34	3 54	1 0	17 38	2 24	18 1	0 8	3 43	2 7	31 28	15 33	13 14	13 40	15 52		n.a.
T 24	4 4	19 38	4 12	2 30	1 0	1 46	0 55	3 12	0 33	4 0	1 0	17 40	2 24	18 1	0 8	3 43	2 7	31 28	15 33	13 14	13 39	15 53		n.a.
F 25	3 40	18 38	4 45	3 12	1 7	1 14	0 53	2 55	0 33	4 5	1 0	17 41	2 24	18 1	0 8	3 42	2 7	31 27	15 34	13 13	13 37	15 54		n.a.
S 26	3 15	16 41	5 5	3 54	1 13	0 42	0 51	2 37	0 32	4 10	0 59	17 42	2 24	18 0	0 8	3 42	2 7	31 27	15 34	13 12	13 36	15 55		n.a.
S 27	2 51	13 50	5 10	4 35	1 19	0 10	0 49	2 20	0 32	4 15	0 59	17 43	2 24	18 0	0 8	3 41	2 7	31 27	15 34	13 10	13 35	15 56		n.a.
M28	2 27	10 10	4 58	5 16	1 25	0s22	0 47	2 2	0 31	4 21	0 59	17 44	2 24	18 0	0 8	3 40	2 7	31 26	15 35	13 8	13 34	15 57		n.a.
T 29	2 3	5 50	4 28	5 57	1 31	0 55	0 45	1 44	0 31	4 26	0 59	17 45	2 23	18 0	0 8	3 40	2 7	31 26	15 35	13 5	13 33	15 58		n.a.
W30	1n38	1n 5	3s40	6s37	1s37	1s27	0n43	1n27	0n30	4s31	0n59	17s46	2s23	17n59	0s 8	3n39	2s 7	31n26	15n36	13s 3	13s32	15n59		n.a.

Julian Day Number = 1266930.5, Delta T = 08h20m52s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'58, Lahiri = -21°07'57 Julian Calendar 1 Sept. 1245 BCE == Greg. Calendar 21 Aug. 1245 BCE

The year -1244 astronomical counting style corresponds to year 1245 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1245 BCE
geocentric

OCTOBER 1245 BCE (-1244) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 54 7	26♍57'16	3♎33	14♎13	6♎29	28♍16	13♎45	18°R34	20°R18	13°R56	14♌57	3°R54	5♏20	16♉ 6	n.a.	T 1
F 2	23 58 4	27°57'50	18°19	15°39	7°44	28°58	13°58	18♒31	20♉16	13♈54	14°59	3♏51	5°17	16°12	n.a.	F 2
S 3	0 2 1	28°58'25	3♏ 7	17° 4	8°59	29°41	14°11	18°28	20°15	13°52	15° 1	3°D51	5°13	16°19	n.a.	S 3
S 4	0 5 57	29°59'01	17°48	18°29	10°15	0♎24	14°25	18°25	20°14	13°51	15° 3	3°51	5°10	16°26	n.a.	S 4
M 5	0 9 54	0♎59'39	2♐19	19°53	11°30	1° 7	14°38	18°22	20°12	13°49	15° 4	3°53	5° 7	16°32	n.a.	M 5
T 6	0 13 50	2° 0'19	16°36	21°16	12°45	1°50	14°51	18°20	20°11	13°47	15° 6	3°54	5° 4	16°39	n.a.	T 6
W 7	0 17 47	3° 0'59	0♑36	22°38	14° 1	2°32	15° 5	18°17	20°10	13°46	15° 8	3°R55	5° 1	16°46	n.a.	W 7
T 8	0 21 43	4° 1'42	14°20	23°59	15°16	3°15	15°18	18°14	20° 8	13°44	15° 9	3°54	4°57	16°52	n.a.	T 8
F 9	0 25 40	5° 2'25	27°47	25°19	16°31	3°58	15°31	18°12	20° 6	13°42	15°11	3°52	4°54	16°59	n.a.	F 9
S 10	0 29 36	6° 3'09	10♒58	26°38	17°47	4°41	15°45	18° 9	20° 5	13°41	15°13	3°49	4°51	17° 6	n.a.	S 10
S 11	0 33 33	7° 3'55	23°56	27°55	19° 2	5°25	15°58	18° 7	20° 3	13°39	15°14	3°45	4°48	17°12	n.a.	S 11
M12	0 37 30	8° 4'42	6♓39	29°11	20°17	6° 8	16°12	18° 5	20° 1	13°37	15°16	3°41	4°45	17°19	n.a.	M12
T 13	0 41 26	9° 5'31	19°11	0♏24	21°33	6°51	16°25	18° 3	20° 0	13°36	15°17	3°37	4°42	17°26	n.a.	T 13
W14	0 45 23	10° 6'20	1♈31	1°36	22°48	7°34	16°39	18° 1	19°58	13°34	15°19	3°33	4°38	17°32	n.a.	W14
T 15	0 49 19	11° 7'11	13°40	2°45	24° 3	8°17	16°52	17°59	19°56	13°32	15°20	3°30	4°35	17°39	n.a.	T 15
F 16	0 53 16	12° 8'04	25°41	3°51	25°18	9° 1	17° 6	17°57	19°54	13°31	15°22	3°29	4°32	17°46	n.a.	F 16
S 17	0 57 12	13° 8'57	7♉34	4°55	26°34	9°44	17°19	17°55	19°52	13°29	15°23	3°D29	4°29	17°52	n.a.	S 17
S 18	1 1 9	14° 9'53	19°23	5°54	27°49	10°28	17°33	17°54	19°50	13°27	15°25	3°30	4°26	17°59	n.a.	S 18
M19	1 5 5	15°10'49	1♊10	6°50	29° 4	11°11	17°46	17°52	19°48	13°25	15°26	3°31	4°23	18° 5	n.a.	M19
T 20	1 9 2	16°11'48	12°58	7°40	0♏19	11°55	18° 0	17°51	19°46	13°24	15°27	3°33	4°19	18°12	n.a.	T 20
W21	1 12 59	17°12'47	24°53	8°26	1°34	12°38	18°13	17°50	19°44	13°22	15°29	3°34	4°16	18°19	n.a.	W21
T 22	1 16 55	18°13'48	6♋58	9° 6	2°50	13°22	18°27	17°48	19°42	13°20	15°30	3°35	4°13	18°25	n.a.	T 22
F 23	1 20 52	19°14'51	19°17	9°39	4° 5	14° 6	18°40	17°47	19°40	13°19	15°31	3°R36	4°10	18°32	n.a.	F 23
S 24	1 24 48	20°15'54	1♌56	10° 4	5°20	14°49	18°54	17°46	19°38	13°17	15°32	3°35	4° 7	18°39	n.a.	S 24
S 25	1 28 45	21°17'00	14°59	10°21	6°35	15°33	19° 8	17°46	19°36	13°15	15°34	3°34	4° 3	18°45	n.a.	S 25
M26	1 32 41	22°18'06	28°28	10°R29	7°51	16°17	19°21	17°45	19°34	13°14	15°35	3°33	4° 0	18°52	n.a.	M26
T 27	1 36 38	23°19'13	12♍25	10°27	9° 6	17° 1	19°35	17°44	19°32	13°12	15°36	3°32	3°57	18°59	n.a.	T 27
W28	1 40 34	24°20'22	26°48	10°14	10°21	17°45	19°48	17°44	19°29	13°10	15°37	3°30	3°54	19° 5	n.a.	W28
T 29	1 44 31	25°21'32	11♎34	9°50	11°36	18°29	20° 2	17°43	19°27	13° 9	15°38	3°30	3°51	19°12	n.a.	T 29
F 30	1 48 28	26°22'43	26°34	9°15	12°51	19°13	20°15	17°43	19°25	13° 7	15°39	3°D29	3°48	19°19	n.a.	F 30
S 31	1 52 24	27♎23'54	11♏42	8♏29	14♏ 6	19♎57	20♎29	17♒43	19♉22	13♈ 5	15♌40	3♏29	3♏44	19♉25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n14	3s51	2s38	7s16	1s43	1s59	0n41	1n 9	0n29	4s37	0n59	17s47	2s23	17n59	0s 8	3n38	2s 7	31n26	15n36	13s 2	13s31	16n 1		n.a.
F 2	0 49	8 35	1 24	7 55	1 49	2 31	0 39	0 51	0 29	4 42	0 59	17 47	2 23	17 59	0 8	3 38	2 7	31 26	15 36	13 1	13 30	16 2		n.a.
S 3	0 25	12 49	0 4	8 34	1 54	3 3	0 37	0 33	0 28	4 47	0 59	17 48	2 23	17 58	0 8	3 37	2 7	31 25	15 37	13 1	13 29	16 3		n.a.
S 4	0 0	16 13	1n16	9 11	1 59	3 35	0 35	0 16	0 28	4 53	0 59	17 49	2 23	17 58	0 8	3 36	2 7	31 25	15 37	13 1	13 28	16 4		n.a.
M 5	0s24	18 32	2 30	9 48	2 4	4 7	0 33	0s 2	0 27	4 58	0 58	17 50	2 23	17 58	0 8	3 36	2 7	31 25	15 38	13 1	13 27	16 5		n.a.
T 6	0 49	19 37	3 33	10 25	2 9	4 39	0 31	0 20	0 27	5 3	0 58	17 51	2 23	17 57	0 8	3 35	2 7	31 25	15 38	13 2	13 26	16 6		n.a.
W 7	1 13	19 28	4 22	11 0	2 13	5 11	0 28	0 38	0 26	5 8	0 58	17 51	2 22	17 57	0 8	3 34	2 7	31 25	15 38	13 2	13 25	16 7		n.a.
T 8	1 38	18 9	4 56	11 34	2 17	5 43	0 26	0 56	0 25	5 14	0 58	17 52	2 22	17 56	0 8	3 34	2 7	31 24	15 39	13 2	13 23	16 8		n.a.
F 9	2 2	15 51	5 12	12 8	2 21	6 14	0 24	1 14	0 25	5 19	0 58	17 53	2 22	17 56	0 8	3 33	2 7	31 24	15 39	13 1	13 22	16 9		n.a.
S 10	2 27	12 47	5 11	12 40	2 24	6 46	0 21	1 32	0 24	5 24	0 58	17 53	2 22	17 55	0 8	3 32	2 7	31 24	15 40	13 0	13 21	16 10		n.a.
S 11	2 51	9 8	4 55	13 11	2 27	7 17	0 19	1 49	0 24	5 30	0 58	17 54	2 22	17 55	0 8	3 32	2 7	31 24	15 40	12 59	13 20	16 11		n.a.
M12	3 15	5 8	4 24	13 41	2 29	7 48	0 17	2 7	0 23	5 35	0 58	17 54	2 22	17 55	0 8	3 31	2 7	31 24	15 40	12 57	13 19	16 13		n.a.
T 13	3 40	0 59	3 40	14 10	2 31	8 19	0 14	2 25	0 22	5 40	0 58	17 55	2 21	17 54	0 8	3 30	2 7	31 24	15 41	12 56	13 18	16 14		n.a.
W14	4 4	3n10	2 47	14 37	2 33	8 49	0 12	2 43	0 22	5 46	0 58	17 55	2 21	17 54	0 8	3 30	2 7	31 24	15 41	12 54	13 17	16 15		n.a.
T 15	4 28	7 7	1 47	15 2	2 34	9 20	0 10	3 1	0 21	5 51	0 58	17 56	2 21	17 53	0 8	3 29	2 7	31 24	15 42	12 54	13 16	16 16		n.a.
F 16	4 52	10 45	0 43	15 25	2 34	9 50	0 7	3 19	0 21	5 56	0 57	17 56	2 21	17 53	0 8	3 28	2 7	31 24	15 42	12 53	13 15	16 17		n.a.
S 17	5 17	13 55	0s23	15 47	2 34	10 20	0 5	3 37	0 20	6 2	0 57	17 57	2 21	17 52	0 8	3 28	2 7	31 24	15 43	12 53	13 14	16 18		n.a.
S 18	5 41	16 28	1 27	16 6	2 32	10 50	0 2	3 55	0 19	6 7	0 57	17 57	2 21	17 52	0 8	3 27	2 7	31 24	15 43	12 53	13 13	16 19		n.a.
M19	6 5	18 20	2 27	16 23	2 30	11 20	0s 0	4 13	0 19	6 12	0 57	17 57	2 20	17 51	0 8	3 26	2 7	31 24	15 44	12 54	13 12	16 20		n.a.
T 20	6 28	19 24	3 22	16 37	2 27	11 49	0 3	4 30	0 18	6 18	0 57	17 58	2 20	17 51	0 8	3 26	2 7	31 24	15 44	12 54	13 10	16 21		n.a.
W21	6 52	19 37	4 8	16 48	2 23	12 18	0 5	4 48	0 17	6 23	0 57	17 58	2 20	17 50	0 8	3 25	2 7	31 24	15 45	12 55	13 9	16 22		n.a.
T 22	7 16	18 56	4 44	16 56	2 18	12 47	0 8	5 6	0 17	6 28	0 57	17 58	2 20	17 49	0 8	3 24	2 7	31 24	15 45	12 55	13 8	16 23		n.a.
F 23	7 39	17 21	5 8	17 1	2 11	13 15	0 10	5 24	0 16	6 34	0 57	17 58	2 20	17 49	0 8	3 24	2 7	31 24	15 46	12 55	13 7	16 24		n.a.
S 24	8 3	14 54	5 17	17 2	2 4	13 43	0 13	5 42	0 16	6 39	0 57	17 58	2 20	17 48	0 8	3 23	2 7	31 24	15 46	12 55	13 6	16 25		n.a.
S 25	8 26	11 39	5 11	16 59	1 55	14 11	0 15	5 59	0 15	6 44	0 57	17 58	2 19	17 48	0 8	3 22	2 7	31 24	15 47	12 55	13 5	16 26		n.a.
M26	8 49	7 42	4 48	16 51	1 44	14 38	0 18	6 17	0 14	6 49	0 57	17 58	2 19	17 47	0 8	3 22	2 7	31 24	15 47	12 54	13 4	16 27		n.a.
T 27	9 12	3 13	4 7	16 39	1 32	15 5	0 20	6 35	0 14	6 55	0 57	17 58	2 19	17 46	0 8	3 21	2 7	31 24	15 48	12 54	13 3	16 28		n.a.
W28	9 35	1s37	3 10	16 22	1 18	15 31	0 22	6 53	0 13	7 0	0 57	17 58	2 19	17 46	0 8	3 20	2 7	31 25	15 48	12 54	13 2	16 29		n.a.
T 29	9 58	6 28	1 59	16 0	1 3	15 58	0 25	7 10	0 12	7 5	0 57	17 58	2 19	17 45	0 8	3 20	2 7	31 25	15 49	12 53	13 1	16 30		n.a.
F 30	10 21	11 1	0 38	15 32	0 46	16 23	0 27	7 28	0 12	7 10	0 57	17 58	2 18	17 45	0 8	3 19	2 7	31 25	15 49	12 53	12 59	16 31		n.a.
S 31	10s43	14s53	0n46	15s 0	0s28	16s49	0s30	7s45	0n11	7s16	0n57	17s58	2s18	17n44	0s 8	3n19	2s 7	31n25	15n50	12s53	12s58	16n32		n.a.

Julian Day Number = 1266960.5, Delta T = 08h20m50s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'54, Lahiri = -21°07'53 Julian Calendar 1 Oct. 1245 BCE == Greg. Calendar 20 Sept. 1245 BCE

The year -1244 astronomical counting style corresponds to year 1245 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1245 BCE
geocentric

NOVEMBER 1245 BCE (-1244) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 56 21	28♎25'07	26♏48	7°R32	15♏22	20♎41	20♎42	17°D43	19°R20	13°R 4	15♌41	3♏29	3♏41	19♉32	n.a.	S 1
M 2	2 0 17	29°26'20	11♐43	6♏26	16°37	21°25	20°56	17♒43	19♉18	13♈ 2	15°42	3°30	3°38	19°39	n.a.	M 2
T 3	2 4 14	0♏27'33	26°20	5°12	17°52	22° 9	21° 9	17°43	19°15	13° 0	15°43	3°30	3°35	19°45	n.a.	T 3
W 4	2 8 10	1°28'47	10♑34	3°52	19° 7	22°54	21°23	17°43	19°13	12°59	15°44	3°30	3°32	19°52	n.a.	W 4
T 5	2 12 7	2°30'02	24°25	2°30	20°22	23°38	21°36	17°44	19°10	12°57	15°45	3°31	3°28	19°59	n.a.	T 5
F 6	2 16 3	3°31'16	7♒52	1° 7	21°37	24°22	21°50	17°44	19° 8	12°56	15°45	3°31	3°25	20° 5	n.a.	F 6
S 7	2 20 0	4°32'31	20°57	29♎47	22°52	25° 7	22° 3	17°45	19° 5	12°54	15°46	3°31	3°22	20°12	n.a.	S 7
S 8	2 23 57	5°33'46	3♓42	28°32	24° 7	25°51	22°16	17°45	19° 3	12°53	15°47	3°31	3°19	20°19	n.a.	S 8
M 9	2 27 53	6°35'01	16°11	27°25	25°22	26°36	22°30	17°46	19° 0	12°51	15°48	3°31	3°16	20°25	n.a.	M 9
T 10	2 31 50	7°36'16	28°27	26°27	26°37	27°20	22°43	17°47	18°58	12°49	15°48	3°31	3°13	20°32	n.a.	T 10
W11	2 35 46	8°37'32	10♈32	25°39	27°52	28° 5	22°57	17°48	18°55	12°48	15°49	3°32	3° 9	20°38	n.a.	W11
T 12	2 39 43	9°38'48	22°30	25° 2	29° 7	28°49	23°10	17°49	18°53	12°46	15°50	3°32	3° 6	20°45	n.a.	T 12
F 13	2 43 39	10°40'04	4♉22	24°35	0♐22	29°34	23°23	17°51	18°50	12°45	15°50	3°R32	3° 3	20°52	n.a.	F 13
S 14	2 47 36	11°41'21	16°11	24°20	1°37	0♏19	23°36	17°52	18°48	12°44	15°51	3°32	3° 0	20°58	n.a.	S 14
S 15	2 51 33	12°42'37	28° 0	24°D14	2°52	1° 4	23°50	17°54	18°45	12°42	15°51	3°32	2°57	21° 5	n.a.	S 15
M16	2 55 29	13°43'54	9♊49	24°19	4° 7	1°48	24° 3	17°55	18°43	12°41	15°52	3°30	2°54	21°12	n.a.	M16
T 17	2 59 26	14°45'12	21°41	24°32	5°22	2°33	24°16	17°57	18°40	12°39	15°52	3°29	2°50	21°18	n.a.	T 17
W18	3 3 22	15°46'29	3♋39	24°53	6°37	3°18	24°29	17°59	18°37	12°38	15°52	3°27	2°47	21°25	n.a.	W18
T 19	3 7 19	16°47'47	15°47	25°22	7°52	4° 3	24°42	18° 1	18°35	12°37	15°53	3°25	2°44	21°32	n.a.	T 19
F 20	3 11 15	17°49'05	28° 6	25°57	9° 7	4°48	24°55	18° 3	18°32	12°35	15°53	3°23	2°41	21°38	n.a.	F 20
S 21	3 15 12	18°50'24	10♌42	26°38	10°22	5°33	25° 8	18° 5	18°30	12°34	15°54	3°23	2°38	21°45	n.a.	S 21
S 22	3 19 8	19°51'42	23°38	27°25	11°36	6°18	25°21	18° 7	18°27	12°33	15°54	3°D22	2°34	21°52	n.a.	S 22
M23	3 23 5	20°53'01	6♍56	28°16	12°51	7° 3	25°34	18° 9	18°25	12°31	15°54	3°23	2°31	21°58	n.a.	M23
T 24	3 27 2	21°54'20	20°40	29°12	14° 6	7°48	25°47	18°12	18°22	12°30	15°54	3°24	2°28	22° 5	n.a.	T 24
W25	3 30 58	22°55'39	4♎51	0♏11	15°21	8°33	26° 0	18°14	18°19	12°29	15°54	3°26	2°25	22°12	n.a.	W25
T 26	3 34 55	23°56'58	19°27	1°13	16°36	9°19	26°13	18°17	18°17	12°28	15°55	3°27	2°22	22°18	n.a.	T 26
F 27	3 38 51	24°58'17	4♏24	2°19	17°50	10° 4	26°25	18°20	18°14	12°27	15°55	3°R27	2°19	22°25	n.a.	F 27
S 28	3 42 48	25°59'36	19°35	3°26	19° 5	10°49	26°38	18°23	18°12	12°25	15°55	3°27	2°15	22°32	n.a.	S 28
S 29	3 46 44	27° 0'55	4♐50	4°37	20°20	11°34	26°51	18°26	18° 9	12°24	15°R55	3°25	2°12	22°38	n.a.	S 29
M30	3 50 41	28♏ 2'13	20♐ 0	5♏49	21♐35	12♏20	27♎ 3	18♒29	18♉ 7	12♈23	15♌55	3♏22	2♏ 9	22♉45	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 5	17s43	2n 6	14s23	0s 8	17s14	0s32	8s 3	0n11	7s21	0n56	17s58	2s18	17n43	0s 8	3n18	2s 7	31n25	15n50	12s53	12s57	16n33		n.a.
M 2	11 27	19 19	3 17	13 42	0n12	17 38	0 35	8 20	0 10	7 26	0 56	17 58	2 18	17 43	0 8	3 17	2 7	31 25	15 51	12 53	12 56	16 34		n.a.
T 3	11 49	19 34	4 14	12 58	0 32	18 2	0 37	8 38	0 9	7 31	0 56	17 58	2 18	17 42	0 8	3 17	2 7	31 26	15 51	12 53	12 55	16 35		n.a.
W 4	12 11	18 32	4 53	12 11	0 53	18 25	0 39	8 55	0 9	7 36	0 56	17 57	2 17	17 41	0 8	3 16	2 7	31 26	15 52	12 54	12 54	16 36		n.a.
T 5	12 33	16 26	5 14	11 24	1 13	18 48	0 42	9 12	0 8	7 41	0 56	17 57	2 17	17 41	0 8	3 15	2 7	31 26	15 53	12 54	12 53	16 37		n.a.
F 6	12 54	13 30	5 17	10 38	1 32	19 11	0 44	9 29	0 7	7 47	0 56	17 57	2 17	17 40	0 8	3 15	2 7	31 26	15 53	12 54	12 52	16 38		n.a.
S 7	13 15	9 58	5 4	9 53	1 49	19 33	0 46	9 46	0 7	7 52	0 56	17 56	2 17	17 39	0 8	3 14	2 7	31 27	15 54	12 54	12 51	16 39		n.a.
S 8	13 36	6 3	4 35	9 12	2 4	19 54	0 49	10 4	0 6	7 57	0 56	17 56	2 17	17 39	0 8	3 14	2 7	31 27	15 54	12 54	12 50	16 40		n.a.
M 9	13 56	1 57	3 54	8 35	2 18	20 15	0 51	10 21	0 5	8 2	0 56	17 55	2 16	17 38	0 8	3 13	2 7	31 27	15 55	12 54	12 49	16 41		n.a.
T 10	14 17	2n10	3 3	8 3	2 29	20 35	0 53	10 37	0 5	8 7	0 56	17 55	2 16	17 37	0 8	3 13	2 7	31 27	15 55	12 54	12 47	16 42		n.a.
W11	14 37	6 9	2 5	7 37	2 38	20 55	0 55	10 54	0 4	8 12	0 56	17 54	2 16	17 37	0 8	3 12	2 7	31 28	15 56	12 54	12 46	16 43		n.a.
T 12	14 57	9 50	1 1	7 17	2 45	21 14	0 57	11 11	0 3	8 17	0 56	17 54	2 16	17 36	0 8	3 11	2 7	31 28	15 56	12 54	12 45	16 44		n.a.
F 13	15 16	13 7	0s 5	7 3	2 50	21 32	0 59	11 28	0 3	8 22	0 56	17 53	2 16	17 35	0 8	3 11	2 7	31 28	15 57	12 54	12 44	16 45		n.a.
S 14	15 36	15 51	1 10	6 55	2 53	21 50	1 2	11 44	0 2	8 27	0 56	17 53	2 15	17 34	0 8	3 10	2 6	31 29	15 58	12 54	12 43	16 46		n.a.
S 15	15 55	17 54	2 12	6 51	2 54	22 7	1 4	12 1	0 1	8 32	0 56	17 52	2 15	17 34	0 8	3 10	2 6	31 29	15 58	12 54	12 42	16 47		n.a.
M16	16 13	19 12	3 8	6 53	2 54	22 24	1 6	12 17	0 1	8 37	0 56	17 51	2 15	17 33	0 8	3 9	2 6	31 30	15 59	12 54	12 41	16 48		n.a.
T 17	16 32	19 38	3 57	6 59	2 53	22 40	1 8	12 34	0 0	8 42	0 56	17 50	2 15	17 32	0 8	3 9	2 6	31 30	15 59	12 53	12 40	16 49		n.a.
W18	16 50	19 12	4 35	7 10	2 50	22 55	1 10	12 50	0s 1	8 47	0 56	17 50	2 15	17 32	0 8	3 8	2 6	31 30	16 0	12 52	12 39	16 50		n.a.
T 19	17 8	17 53	5 2	7 24	2 46	23 10	1 11	13 6	0 1	8 52	0 56	17 49	2 14	17 31	0 8	3 8	2 6	31 31	16 0	12 52	12 37	16 51		n.a.
F 20	17 26	15 44	5 16	7 41	2 42	23 24	1 13	13 22	0 2	8 56	0 56	17 48	2 14	17 30	0 8	3 7	2 6	31 31	16 1	12 51	12 36	16 52		n.a.
S 21	17 43	12 48	5 14	8 0	2 37	23 37	1 15	13 38	0 3	9 1	0 56	17 47	2 14	17 29	0 8	3 7	2 6	31 32	16 1	12 51	12 35	16 53		n.a.
S 22	18 0	9 12	4 57	8 23	2 31	23 49	1 17	13 54	0 3	9 6	0 56	17 46	2 14	17 29	0 8	3 6	2 6	31 32	16 2	12 51	12 34	16 54		n.a.
M23	18 17	5 2	4 24	8 47	2 25	24 1	1 18	14 10	0 4	9 11	0 56	17 45	2 14	17 28	0 8	3 6	2 6	31 32	16 3	12 51	12 33	16 54		n.a.
T 24	18 33	0 28	3 35	9 13	2 18	24 12	1 20	14 25	0 5	9 16	0 56	17 44	2 13	17 27	0 8	3 5	2 6	31 33	16 3	12 51	12 32	16 55		n.a.
W25	18 49	4s16	2 32	9 41	2 11	24 22	1 22	14 41	0 5	9 20	0 56	17 43	2 13	17 27	0 8	3 5	2 6	31 33	16 4	12 52	12 31	16 56		n.a.
T 26	19 4	8 55	1 17	10 9	2 4	24 32	1 23	14 56	0 6	9 25	0 56	17 42	2 13	17 26	0 8	3 5	2 6	31 34	16 4	12 52	12 30	16 57		n.a.
F 27	19 20	13 7	0n 5	10 39	1 57	24 41	1 25	15 11	0 7	9 30	0 56	17 41	2 13	17 25	0 8	3 4	2 6	31 34	16 5	12 52	12 29	16 58		n.a.
S 28	19 35	16 31	1 28	11 10	1 49	24 49	1 26	15 26	0 7	9 35	0 56	17 40	2 13	17 24	0 8	3 4	2 6	31 35	16 5	12 52	12 27	16 59		n.a.
S 29	19 49	18 46	2 45	11 41	1 41	24 56	1 28	15 41	0 8	9 39	0 56	17 39	2 12	17 24	0 8	3 3	2 6	31 35	16 6	12 52	12 26	17 0		n.a.
M30	20s 3	19s39	3n49	12s13	1n34	25s 3	1s29	15s56	0s 9	9s44	0n56	17s38	2s12	17n23	0s 8	3n 3	2s 6	31n36	16n 7	12s51	12s25	17n 1		n.a.

Julian Day Number = 1266991.5, Delta T = 08h20m48s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'49, Lahiri = -21°07'49 Julian Calendar 1 Nov. 1245 BCE == Greg. Calendar 21 Oct. 1245 BCE

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ASTRODIENST EPHEMERIS for the year 1245 BCE
geocentric

DECEMBER 1245 BCE (-1244) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 54 38	29♏ 3'31	4♉55	7♏ 3	22♐49	13♏ 5	27♎16	18♒32	18°R 4	12°R22	15°R55	3°R18	2♏ 6	22♉52	n.a.	T 1
W 2	3 58 34	0♐ 4'48	19°27	8°19	24° 4	13°51	27°29	18°35	18♉ 1	12♈21	15♌55	3♏14	2° 3	22°58	n.a.	W 2
T 3	4 2 31	1° 6'04	3♒32	9°37	25°19	14°36	27°41	18°39	17°59	12°20	15°54	3°11	2° 0	23° 5	n.a.	T 3
F 4	4 6 27	2° 7'20	17° 8	10°55	26°33	15°22	27°53	18°42	17°56	12°19	15°54	3° 8	1°56	23°12	n.a.	F 4
S 5	4 10 24	3° 8'34	0♓17	12°15	27°48	16° 7	28° 6	18°46	17°54	12°18	15°54	3°D 7	1°53	23°18	n.a.	S 5
S 6	4 14 20	4° 9'48	13° 1	13°36	29° 2	16°53	28°18	18°49	17°52	12°17	15°54	3° 8	1°50	23°25	n.a.	S 6
M 7	4 18 17	5°11'00	25°25	14°59	0♉17	17°38	28°30	18°53	17°49	12°16	15°54	3° 9	1°47	23°31	n.a.	M 7
T 8	4 22 13	6°12'12	7♈33	16°22	1°31	18°24	28°42	18°57	17°47	12°15	15°53	3°11	1°44	23°38	n.a.	T 8
W 9	4 26 10	7°13'23	19°30	17°46	2°46	19°10	28°54	19° 1	17°44	12°15	15°53	3°13	1°40	23°45	n.a.	W 9
T 10	4 30 7	8°14'32	1♉21	19°11	4° 0	19°55	29° 6	19° 5	17°42	12°14	15°53	3°R13	1°37	23°51	n.a.	T 10
F 11	4 34 3	9°15'41	13° 8	20°37	5°15	20°41	29°18	19° 9	17°39	12°13	15°52	3°13	1°34	23°58	n.a.	F 11
S 12	4 38 0	10°16'49	24°56	22° 3	6°29	21°27	29°30	19°13	17°37	12°12	15°52	3°11	1°31	24° 5	n.a.	S 12
S 13	4 41 56	11°17'56	6♊46	23°30	7°44	22°13	29°42	19°18	17°35	12°12	15°51	3° 6	1°28	24°11	n.a.	S 13
M14	4 45 53	12°19'02	18°40	24°58	8°58	22°58	29°54	19°22	17°33	12°11	15°51	3° 0	1°25	24°18	n.a.	M14
T 15	4 49 49	13°20'07	0♋41	26°27	10°12	23°44	0♏ 5	19°27	17°30	12°10	15°50	2°53	1°21	24°25	n.a.	T 15
W16	4 53 46	14°21'12	12°49	27°57	11°26	24°30	0°17	19°31	17°28	12°10	15°50	2°45	1°18	24°31	n.a.	W16
T 17	4 57 42	15°22'15	25° 6	29°27	12°41	25°16	0°28	19°36	17°26	12° 9	15°49	2°37	1°15	24°38	n.a.	T 17
F 18	5 1 39	16°23'17	7♌34	0♐58	13°55	26° 2	0°40	19°41	17°24	12° 8	15°49	2°30	1°12	24°45	n.a.	F 18
S 19	5 5 36	17°24'19	20°15	2°29	15° 9	26°48	0°51	19°45	17°21	12° 8	15°48	2°24	1° 9	24°51	n.a.	S 19
S 20	5 9 32	18°25'19	3♍10	4° 1	16°23	27°34	1° 2	19°50	17°19	12° 7	15°47	2°21	1° 6	24°58	n.a.	S 20
M21	5 13 29	19°26'19	16°23	5°34	17°37	28°20	1°14	19°55	17°17	12° 7	15°47	2°D19	1° 2	25° 5	n.a.	M21
T 22	5 17 25	20°27'17	29°56	7° 7	18°51	29° 6	1°25	20° 0	17°15	12° 7	15°46	2°20	0°59	25°11	n.a.	T 22
W23	5 21 22	21°28'15	13♎51	8°42	20° 5	29°52	1°36	20° 5	17°13	12° 6	15°45	2°21	0°56	25°18	n.a.	W23
T 24	5 25 18	22°29'12	28° 9	10°16	21°19	0♐39	1°47	20°11	17°11	12° 6	15°44	2°R22	0°53	25°25	n.a.	T 24
F 25	5 29 15	23°30'08	12♏47	11°52	22°33	1°25	1°57	20°16	17° 9	12° 6	15°44	2°21	0°50	25°31	n.a.	F 25
S 26	5 33 12	24°31'03	27°43	13°28	23°47	2°11	2° 8	20°21	17° 7	12° 5	15°43	2°19	0°46	25°38	n.a.	S 26
S 27	5 37 8	25°31'56	12♐48	15° 5	25° 1	2°57	2°19	20°27	17° 5	12° 5	15°42	2°14	0°43	25°45	n.a.	S 27
M28	5 41 5	26°32'48	27°54	16°43	26°15	3°43	2°29	20°32	17° 4	12° 5	15°41	2° 7	0°40	25°51	n.a.	M28
T 29	5 45 1	27°33'39	12♉51	18°21	27°29	4°30	2°40	20°38	17° 2	12° 5	15°40	1°58	0°37	25°58	n.a.	T 29
W30	5 48 58	28°34'28	27°30	20° 1	28°42	5°16	2°50	20°44	17° 0	12° 4	15°39	1°49	0°34	26° 5	n.a.	W30
T 31	5 52 54	29♐35'16	11♒45	21♐41	29♉56	6♐ 2	3♏ 0	20♒49	16♉58	12♈ 4	15♌38	1♏40	0♏31	26♉11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20s17	19s 8	4n37	12s45	1n26	25s 8	1s30	16s11	0s10	9s48	0n56	17s37	2s12	17n22	0s 8	3n 3	2s 6	31n37	16n 7	12s49	12s24	17n 2		n.a.	
W 2	20 30	17 22	5 5	13 17	1 18	25 13	1 31	16 25	0 10	9 53	0 56	17 36	2 12	17 22	0 8	3 2	2 6	31 37	16 8	12 48	12 23	17 3		n.a.	
T 3	20 43	14 36	5 14	13 50	1 10	25 18	1 32	16 40	0 11	9 57	0 56	17 34	2 12	17 21	0 8	3 2	2 6	31 38	16 8	12 47	12 22	17 4		n.a.	
F 4	20 56	11 7	5 5	14 23	1 2	25 21	1 34	16 54	0 12	10 2	0 56	17 33	2 12	17 20	0 8	3 2	2 5	31 38	16 9	12 46	12 21	17 4		n.a.	
S 5	21 8	7 12	4 40	14 55	0 54	25 24	1 35	17 8	0 12	10 6	0 56	17 32	2 11	17 20	0 8	3 1	2 5	31 39	16 9	12 46	12 20	17 5		n.a.	
S 6	21 20	3 4	4 2	15 28	0 46	25 26	1 35	17 22	0 13	10 11	0 56	17 30	2 11	17 19	0 8	3 1	2 5	31 39	16 10	12 46	12 19	17 6		n.a.	
M 7	21 31	1n 5	3 13	16 0	0 38	25 27	1 36	17 36	0 14	10 15	0 56	17 29	2 11	17 18	0 8	3 1	2 5	31 40	16 11	12 46	12 17	17 7		n.a.	
T 8	21 42	5 7	2 16	16 32	0 30	25 27	1 37	17 49	0 14	10 20	0 56	17 28	2 11	17 17	0 8	3 0	2 5	31 41	16 11	12 47	12 16	17 8		n.a.	
W 9	21 53	8 54	1 14	17 4	0 22	25 27	1 38	18 3	0 15	10 24	0 56	17 26	2 11	17 17	0 8	3 0	2 5	31 41	16 12	12 47	12 15	17 9		n.a.	
T 10	22 3	12 18	0 10	17 35	0 14	25 25	1 39	18 16	0 16	10 28	0 56	17 25	2 11	17 16	0 8	3 0	2 5	31 42	16 12	12 48	12 14	17 10		n.a.	
F 11	22 13	15 11	0s54	18 5	0 7	25 23	1 39	18 29	0 16	10 32	0 56	17 23	2 10	17 15	0 8	3 0	2 5	31 42	16 13	12 48	12 13	17 11		n.a.	
S 12	22 22	17 27	1 56	18 36	0s 0	25 20	1 40	18 42	0 17	10 37	0 56	17 22	2 10	17 15	0 8	2 59	2 5	31 43	16 13	12 47	12 12	17 11		n.a.	
S 13	22 31	18 58	2 53	19 5	0 8	25 17	1 40	18 55	0 18	10 41	0 56	17 20	2 10	17 14	0 8	2 59	2 5	31 44	16 14	12 45	12 11	17 12		n.a.	
M14	22 39	19 40	3 42	19 34	0 15	25 12	1 41	19 7	0 19	10 45	0 56	17 19	2 10	17 14	0 8	2 59	2 5	31 44	16 14	12 43	12 10	17 13		n.a.	
T 15	22 47	19 28	4 22	20 2	0 22	25 7	1 41	19 20	0 19	10 49	0 56	17 17	2 10	17 13	0 8	2 59	2 5	31 45	16 15	12 40	12 8	17 14		n.a.	
W16	22 54	18 23	4 51	20 30	0 29	25 1	1 41	19 32	0 20	10 53	0 56	17 15	2 10	17 12	0 8	2 59	2 5	31 46	16 15	12 38	12 7	17 15		n.a.	
T 17	23 1	16 27	5 6	20 57	0 36	24 54	1 41	19 44	0 21	10 57	0 56	17 14	2 9	17 12	0 8	2 58	2 5	31 46	16 16	12 35	12 6	17 16		n.a.	
F 18	23 8	13 44	5 8	21 23	0 42	24 47	1 41	19 56	0 21	11 1	0 56	17 12	2 9	17 11	0 8	2 58	2 5	31 47	16 16	12 32	12 5	17 16		n.a.	
S 19	23 14	10 20	4 54	21 48	0 48	24 39	1 41	20 8	0 22	11 5	0 56	17 10	2 9	17 10	0 8	2 58	2 5	31 48	16 17	12 31	12 4	17 17		n.a.	
S 20	23 20	6 23	4 26	22 12	0 54	24 30	1 41	20 19	0 23	11 9	0 56	17 9	2 9	17 10	0 8	2 58	2 4	31 48	16 17	12 29	12 3	17 18		n.a.	
M21	23 25	2 3	3 43	22 35	1 0	24 20	1 41	20 30	0 23	11 13	0 56	17 7	2 9	17 9	0 8	2 58	2 4	31 49	16 18	12 29	12 2	17 19		n.a.	
T 22	23 29	2s30	2 46	22 57	1 6	24 9	1 41	20 41	0 24	11 17	0 56	17 5	2 9	17 9	0 8	2 58	2 4	31 50	16 18	12 29	12 1	17 20		n.a.	
W23	23 34	7 4	1 38	23 18	1 12	23 58	1 41	20 52	0 25	11 21	0 56	17 3	2 8	17 8	0 8	2 58	2 4	31 51	16 19	12 29	11 59	17 21		n.a.	
T 24	23 37	11 21	0 23	23 38	1 17	23 46	1 40	21 3	0 26	11 25	0 56	17 1	2 8	17 8	0 8	2 58	2 4	31 51	16 19	12 30	11 58	17 21		n.a.	
F 25	23 41	15 3	0n56	23 56	1 22	23 34	1 40	21 13	0 26	11 28	0 56	17 0	2 8	17 7	0 8	2 57	2 4	31 52	16 20	12 30	11 57	17 22		n.a.	
S 26	23 43	17 50	2 12	24 14	1 27	23 20	1 39	21 23	0 27	11 32	0 56	16 58	2 8	17 6	0 8	2 57	2 4	31 53	16 20	12 29	11 56	17 23		n.a.	
S 27	23 46	19 25	3 20	24 30	1 31	23 6	1 39	21 33	0 28	11 36	0 56	16 56	2 8	17 6	0 8	2 57	2 4	31 53	16 21	12 27	11 55	17 24		n.a.	
M28	23 48	19 36	4 13	24 45	1 35	22 52	1 38	21 43	0 28	11 39	0 56	16 54	2 8	17 5	0 8	2 57	2 4	31 54	16 21	12 24	11 54	17 25		n.a.	
T 29	23 49	18 25	4 49	24 58	1 39	22 36	1 37	21 52	0 29	11 43	0 56	16 52	2 8	17 5	0 8	2 57	2 4	31 55	16 22	12 21	11 53	17 26		n.a.	
W30	23 50	16 2	5 5	25 10	1 43	22 20	1 37	22 1	0 30	11 47	0 56	16 50	2 7	17 4	0 8	2 57	2 4	31 56	16 22	12 18	11 52	17 26		n.a.	
T 31	23s50	12s44	5n 1	25s21	1s46	22s 4	1s36	22s10	0s30	11s50	0n57	16s48	2s 7	17n 4	0s 8	2n57	2s 4	31n56	16n23	12s15	11s50	17n27		n.a.	

Julian Day Number = 1267021.5, Delta T = 08h20m47s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'45, Lahiri = -21°07'45 Julian Calendar 1 Dec. 1245 BCE == Greg. Calendar 20 Nov. 1245 BCE

The year -1244 astronomical counting style corresponds to year 1245 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1244 BCE
geocentric

JANUARY 1244 BCE (-1243) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 56 51	0♉36'02	25♒30	23♐21	1♒10	6♐49	3♏11	20♒55	16°R57	12°R 4	15°R37	1°R33	0♏27	26♉18	n.a.	F 1
S 2	6 0 47	1°36'46	8♓46	25° 3	2°23	7°35	3°21	21° 1	16♉55	12♈ 4	15♌36	1♏28	0°24	26°25	n.a.	S 2
S 3	6 4 44	2°37'28	21°35	26°46	3°37	8°21	3°31	21° 7	16°53	12°D 4	15°35	1°25	0°21	26°31	n.a.	S 3
M 4	6 8 41	3°38'08	4♈ 2	28°29	4°50	9° 8	3°40	21°13	16°52	12° 4	15°34	1°D25	0°18	26°38	n.a.	M 4
T 5	6 12 37	4°38'46	16°10	0♉13	6° 4	9°54	3°50	21°19	16°50	12° 4	15°33	1°25	0°15	26°45	n.a.	T 5
W 6	6 16 34	5°39'22	28° 6	1°58	7°17	10°40	4° 0	21°25	16°49	12° 4	15°32	1°R26	0°12	26°51	n.a.	W 6
T 7	6 20 30	6°39'57	9♉55	3°44	8°31	11°27	4° 9	21°31	16°47	12° 4	15°31	1°25	0° 8	26°58	n.a.	T 7
F 8	6 24 27	7°40'29	21°41	5°30	9°44	12°13	4°19	21°37	16°46	12° 5	15°29	1°23	0° 5	27° 5	n.a.	F 8
S 9	6 28 23	8°41'00	3♊30	7°18	10°57	13° 0	4°28	21°44	16°45	12° 5	15°28	1°18	0° 2	27°11	n.a.	S 9
S 10	6 32 20	9°41'28	15°23	9° 7	12°10	13°46	4°37	21°50	16°43	12° 5	15°27	1°11	29♎59	27°18	n.a.	S 10
M11	6 36 16	10°41'55	27°25	10°56	13°23	14°33	4°46	21°57	16°42	12° 5	15°26	1° 1	29°56	27°25	n.a.	M11
T 12	6 40 13	11°42'20	9♋37	12°46	14°36	15°19	4°55	22° 3	16°41	12° 6	15°24	0°49	29°52	27°31	n.a.	T 12
W13	6 44 10	12°42'43	21°59	14°37	15°49	16° 6	5° 4	22°10	16°40	12° 6	15°23	0°35	29°49	27°38	n.a.	W13
T 14	6 48 6	13°43'05	4♌32	16°29	17° 2	16°52	5°12	22°16	16°39	12° 6	15°22	0°22	29°46	27°45	n.a.	T 14
F 15	6 52 3	14°43'24	17°16	18°21	18°15	17°39	5°21	22°23	16°38	12° 7	15°20	0°10	29°43	27°51	n.a.	F 15
S 16	6 55 59	15°43'42	0♍12	20°14	19°28	18°26	5°29	22°29	16°37	12° 7	15°19	0° 1	29°40	27°58	n.a.	S 16
S 17	6 59 56	16°43'58	13°19	22° 7	20°40	19°12	5°38	22°36	16°36	12° 8	15°18	29♎54	29°37	28° 5	n.a.	S 17
M18	7 3 52	17°44'12	26°38	24° 1	21°53	19°59	5°46	22°43	16°35	12° 8	15°16	29°50	29°33	28°11	n.a.	M18
T 19	7 7 49	18°44'24	10♎11	25°55	23° 6	20°45	5°54	22°50	16°34	12° 9	15°15	29°49	29°30	28°18	n.a.	T 19
W20	7 11 45	19°44'35	23°59	27°50	24°18	21°32	6° 2	22°57	16°33	12° 9	15°14	29°48	29°27	28°25	n.a.	W20
T 21	7 15 42	20°44'44	8♏ 2	29°44	25°31	22°19	6° 9	23° 3	16°33	12°10	15°12	29°48	29°24	28°31	n.a.	T 21
F 22	7 19 39	21°44'52	22°21	1♒38	26°43	23° 5	6°17	23°10	16°32	12°11	15°11	29°47	29°21	28°38	n.a.	F 22
S 23	7 23 35	22°44'58	6♐53	3°31	27°55	23°52	6°24	23°17	16°31	12°11	15° 9	29°43	29°17	28°45	n.a.	S 23
S 24	7 27 32	23°45'02	21°35	5°24	29° 7	24°39	6°32	23°24	16°31	12°12	15° 8	29°37	29°14	28°51	n.a.	S 24
M25	7 31 28	24°45'05	6♉21	7°15	0♓19	25°25	6°39	23°32	16°30	12°13	15° 6	29°27	29°11	28°58	n.a.	M25
T 26	7 35 25	25°45'05	21° 1	9° 4	1°32	26°12	6°46	23°39	16°30	12°13	15° 5	29°16	29° 8	29° 5	n.a.	T 26
W27	7 39 21	26°45'03	5♒30	10°52	2°43	26°59	6°53	23°46	16°29	12°14	15° 3	29° 3	29° 5	29°11	n.a.	W27
T 28	7 43 18	27°44'59	19°38	12°36	3°55	27°45	7° 0	23°53	16°29	12°15	15° 2	28°52	29° 2	29°18	n.a.	T 28
F 29	7 47 14	28°44'53	3♓23	14°18	5° 7	28°32	7° 6	24° 0	16°28	12°16	15° 0	28°42	28°58	29°25	n.a.	F 29
S 30	7 51 11	29°44'44	16°41	15°57	6°19	29°19	7°13	24° 7	16°28	12°17	14°58	28°34	28°55	29°31	n.a.	S 30
S 31	7 55 8	0♒44'33	29♓34	17♒31	7♓30	0♉ 5	7♏19	24♒15	16♉28	12♈18	14♌57	28♎29	28♎52	29♉38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s50	8 s51	4n40	25 s29	1 s49	21 s46	1 s35	22 s19	0 s31	11 s54	0n57	16 s46	2 s 7	17n 3	0 s 8	2n57	2 s 4	31n57	16n23	12 s12	11 s49	17n28		n.a.
S 2	23 50	4 39	4 4	25 37	1 52	21 28	1 34	22 28	0 32	11 57	0 57	16 44	2 7	17 3	0 7	2 57	2 4	31 58	16 23	12 11	11 48	17 29		n.a.
S 3	23 49	0 23	3 17	25 42	1 54	21 10	1 33	22 36	0 33	12 0	0 57	16 42	2 7	17 3	0 7	2 58	2 3	31 59	16 24	12 10	11 47	17 29		n.a.
M 4	23 47	3n47	2 21	25 46	1 56	20 51	1 31	22 44	0 33	12 4	0 57	16 40	2 7	17 2	0 7	2 58	2 3	31 59	16 24	12 10	11 46	17 30		n.a.
T 5	23 45	7 42	1 21	25 48	1 58	20 31	1 30	22 52	0 34	12 7	0 57	16 38	2 7	17 2	0 7	2 58	2 3	32 0	16 25	12 10	11 45	17 31		n.a.
W 6	23 43	11 15	0 18	25 48	1 59	20 11	1 29	22 59	0 35	12 10	0 57	16 36	2 7	17 1	0 7	2 58	2 3	32 1	16 25	12 10	11 44	17 32		n.a.
T 7	23 40	14 19	0 s45	25 47	2 0	19 50	1 27	23 7	0 35	12 13	0 57	16 33	2 7	17 1	0 7	2 58	2 3	32 2	16 26	12 10	11 43	17 33		n.a.
F 8	23 37	16 47	1 46	25 43	2 0	19 29	1 26	23 14	0 36	12 17	0 57	16 31	2 6	17 0	0 7	2 58	2 3	32 2	16 26	12 9	11 41	17 33		n.a.
S 9	23 33	18 33	2 42	25 38	2 0	19 7	1 24	23 21	0 37	12 20	0 57	16 29	2 6	17 0	0 7	2 58	2 3	32 3	16 26	12 7	11 40	17 34		n.a.
S 10	23 29	19 31	3 32	25 30	1 59	18 45	1 22	23 27	0 37	12 23	0 57	16 27	2 6	17 0	0 7	2 58	2 3	32 4	16 27	12 5	11 39	17 35		n.a.
M11	23 24	19 37	4 12	25 20	1 58	18 22	1 21	23 33	0 38	12 26	0 57	16 25	2 6	16 59	0 7	2 59	2 3	32 5	16 27	12 1	11 38	17 36		n.a.
T 12	23 19	18 48	4 41	25 9	1 56	17 59	1 19	23 39	0 39	12 29	0 57	16 22	2 6	16 59	0 7	2 59	2 3	32 5	16 27	11 57	11 37	17 36		n.a.
W13	23 13	17 7	4 58	24 55	1 54	17 35	1 17	23 45	0 39	12 32	0 57	16 20	2 6	16 59	0 7	2 59	2 3	32 6	16 28	11 52	11 36	17 37		n.a.
T 14	23 7	14 35	5 1	24 39	1 51	17 11	1 15	23 51	0 40	12 35	0 57	16 18	2 6	16 58	0 7	2 59	2 3	32 7	16 28	11 47	11 35	17 38		n.a.
F 15	23 1	11 21	4 48	24 20	1 48	16 46	1 13	23 56	0 41	12 37	0 57	16 16	2 6	16 58	0 7	2 59	2 3	32 8	16 28	11 43	11 33	17 39		n.a.
S 16	22 54	7 31	4 21	24 0	1 44	16 21	1 11	24 1	0 41	12 40	0 57	16 13	2 6	16 58	0 7	3 0	2 3	32 8	16 29	11 40	11 32	17 39		n.a.
S 17	22 46	3 17	3 40	23 37	1 39	15 55	1 8	24 5	0 42	12 43	0 58	16 11	2 6	16 58	0 7	3 0	2 2	32 9	16 29	11 37	11 31	17 40		n.a.
M18	22 39	1 s10	2 46	23 13	1 34	15 29	1 6	24 10	0 43	12 46	0 58	16 9	2 5	16 57	0 7	3 0	2 2	32 10	16 29	11 36	11 30	17 41		n.a.
T 19	22 30	5 39	1 42	22 46	1 28	15 3	1 4	24 14	0 43	12 48	0 58	16 6	2 5	16 57	0 7	3 0	2 2	32 11	16 30	11 35	11 29	17 42		n.a.
W20	22 22	9 56	0 31	22 17	1 22	14 36	1 1	24 18	0 44	12 51	0 58	16 4	2 5	16 57	0 7	3 1	2 2	32 11	16 30	11 35	11 28	17 42		n.a.
T 21	22 12	13 44	0n43	21 46	1 14	14 9	0 59	24 21	0 45	12 53	0 58	16 2	2 5	16 57	0 7	3 1	2 2	32 12	16 30	11 35	11 27	17 43		n.a.
F 22	22 3	16 47	1 56	21 13	1 7	13 42	0 56	24 25	0 45	12 56	0 58	15 59	2 5	16 57	0 7	3 1	2 2	32 13	16 31	11 35	11 25	17 44		n.a.
S 23	21 53	18 49	3 3	20 38	0 58	13 14	0 54	24 28	0 46	12 58	0 58	15 57	2 5	16 56	0 7	3 2	2 2	32 14	16 31	11 34	11 24	17 44		n.a.
S 24	21 43	19 37	3 58	20 1	0 49	12 46	0 51	24 30	0 47	13 1	0 58	15 54	2 5	16 56	0 7	3 2	2 2	32 14	16 31	11 31	11 23	17 45		n.a.
M25	21 32	19 5	4 37	19 23	0 39	12 18	0 48	24 33	0 47	13 3	0 58	15 52	2 5	16 56	0 7	3 2	2 2	32 15	16 31	11 28	11 22	17 46		n.a.
T 26	21 21	17 16	4 57	18 44	0 28	11 49	0 45	24 35	0 48	13 5	0 58	15 49	2 5	16 56	0 7	3 3	2 2	32 16	16 32	11 24	11 21	17 47		n.a.
W27	21 9	14 23	4 59	18 4	0 17	11 20	0 43	24 37	0 49	13 7	0 58	15 47	2 5	16 56	0 7	3 3	2 2	32 17	16 32	11 19	11 20	17 47		n.a.
T 28	20 58	10 44	4 41	17 23	0 5	10 51	0 40	24 38	0 49	13 10	0 58	15 44	2 5	16 56	0 7	3 3	2 2	32 17	16 32	11 15	11 19	17 48		n.a.
F 29	20 45	6 35	4 8	16 41	0n 8	10 21	0 37	24 40	0 50	13 12	0 58	15 42	2 5	16 56	0 7	3 4	2 2	32 18	16 32	11 11	11 17	17 49		n.a.
S 30	20 33	2 15	3 22	16 0	0 21	9 52	0 34	24 41	0 51	13 14	0 58	15 39	2 5	16 56	0 7	3 4	2 2	32 19	16 32	11 9	11 16	17 49		n.a.
S 31	20 s20	2n 3	2n27	15 s18	0n34	9 s22	0 s30	24 s42	0 s51	13 s16	0n59	15 s37	2 s 5	16n56	0 s 7	3n 5	2 s 1	32n19	16n33	11 s 7	11 s15	17n50		n.a.

Julian Day Number = 1267052.5, Delta T = 08h20m45s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'41, Lahiri = -21°07'41 Julian Calendar 1 Jan. 1244 BCE == Greg. Calendar 21 Dec. 1245 BCE

The year -1243 astronomical counting style corresponds to year 1244 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1244 BCE
geocentric

FEBRUARY 1244 BCE (-1243) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 59 4	1♒44'20	12♈ 4	19♒ 0	8♓42	0♉52	7♏25	24♒22	16°R28	12♈19	14°R55	28°R27	28♎49	29♉45	n.a.	M 1
T 2	8 3 1	2°44'04	24°15	20°25	9°53	1°39	7°31	24°29	16♉28	12°20	14♌54	28♎26	28°46	29°51	n.a.	T 2
W 3	8 6 57	3°43'46	6♉13	21°44	11° 5	2°25	7°37	24°37	16°28	12°21	14°52	28°26	28°43	29°58	n.a.	W 3
T 4	8 10 54	4°43'26	18° 3	22°57	12°16	3°12	7°43	24°44	16°D28	12°22	14°51	28°26	28°39	0♊ 5	n.a.	T 4
F 5	8 14 50	5°43'03	29°51	24° 3	13°27	3°59	7°48	24°52	16°28	12°23	14°49	28°23	28°36	0°11	n.a.	F 5
S 6	8 18 47	6°42'38	11♊42	25° 3	14°38	4°46	7°53	24°59	16°28	12°24	14°47	28°19	28°33	0°18	n.a.	S 6
S 7	8 22 43	7°42'10	23°40	25°55	15°49	5°32	7°59	25° 6	16°28	12°25	14°46	28°12	28°30	0°25	n.a.	S 7
M 8	8 26 40	8°41'40	5♋49	26°40	17° 0	6°19	8° 4	25°14	16°28	12°26	14°44	28° 2	28°27	0°31	n.a.	M 8
T 9	8 30 36	9°41'08	18°11	27°17	18°10	7° 6	8° 9	25°21	16°28	12°28	14°42	27°50	28°23	0°38	n.a.	T 9
W10	8 34 33	10°40'33	0♌47	27°45	19°21	7°52	8°13	25°29	16°29	12°29	14°41	27°37	28°20	0°45	n.a.	W10
T 11	8 38 30	11°39'57	13°38	28° 6	20°31	8°39	8°18	25°37	16°29	12°30	14°39	27°24	28°17	0°51	n.a.	T 11
F 12	8 42 26	12°39'17	26°43	28°19	21°41	9°26	8°22	25°44	16°30	12°31	14°38	27°12	28°14	0°58	n.a.	F 12
S 13	8 46 23	13°38'36	10♍ 0	28°R24	22°52	10°12	8°26	25°52	16°30	12°33	14°36	27° 3	28°11	1° 5	n.a.	S 13
S 14	8 50 19	14°37'53	23°28	28°21	24° 2	10°59	8°30	25°59	16°31	12°34	14°34	26°56	28° 8	1°11	n.a.	S 14
M15	8 54 16	15°37'07	7♎ 6	28°11	25°12	11°45	8°34	26° 7	16°31	12°35	14°33	26°52	28° 4	1°18	n.a.	M15
T 16	8 58 12	16°36'20	20°52	27°54	26°21	12°32	8°38	26°15	16°32	12°37	14°31	26°D51	28° 1	1°25	n.a.	T 16
W17	9 2 9	17°35'31	4♏46	27°30	27°31	13°19	8°41	26°22	16°32	12°38	14°29	26°51	27°58	1°31	n.a.	W17
T 18	9 6 5	18°34'40	18°48	26°59	28°41	14° 5	8°45	26°30	16°33	12°40	14°28	26°R51	27°55	1°38	n.a.	T 18
F 19	9 10 2	19°33'47	2♐57	26°24	29°50	14°52	8°48	26°38	16°34	12°41	14°26	26°50	27°52	1°45	n.a.	F 19
S 20	9 13 58	20°32'52	17°12	25°44	0♈59	15°39	8°51	26°45	16°35	12°43	14°24	26°48	27°49	1°51	n.a.	S 20
S 21	9 17 55	21°31'56	1♑30	25° 0	2° 8	16°25	8°54	26°53	16°36	12°44	14°23	26°43	27°45	1°58	n.a.	S 21
M22	9 21 52	22°30'57	15°48	24°14	3°18	17°12	8°56	27° 1	16°37	12°46	14°21	26°35	27°42	2° 5	n.a.	M22
T 23	9 25 48	23°29'57	0♒ 2	23°25	4°26	17°58	8°59	27° 8	16°38	12°47	14°20	26°26	27°39	2°11	n.a.	T 23
W24	9 29 45	24°28'54	14° 6	22°36	5°35	18°45	9° 1	27°16	16°39	12°49	14°18	26°15	27°36	2°18	n.a.	W24
T 25	9 33 41	25°27'49	27°55	21°48	6°44	19°31	9° 3	27°24	16°40	12°51	14°16	26° 5	27°33	2°25	n.a.	T 25
F 26	9 37 38	26°26'42	11♓26	21° 0	7°52	20°18	9° 5	27°32	16°41	12°52	14°15	25°57	27°29	2°31	n.a.	F 26
S 27	9 41 34	27°25'33	24°35	20°14	9° 0	21° 4	9° 6	27°39	16°42	12°54	14°13	25°50	27°26	2°38	n.a.	S 27
S 28	9 45 31	28♒24'22	7♈23	19♒31	10♈ 8	21♉51	9♏ 8	27♒47	16♉43	12♈56	14♌12	25♎46	27♎23	2♊45	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s 6	6n 9	1n26	14s37	0n48	8s52	0s27	24s42	0s52	13s18	0n59	15s34	2s 5	16n56	0s 7	3n 5	2s 1	32n20	16n33	11s 6	11s14	17n51		n.a.
T 2	19 53	9 54	0 22	13 57	1 2	8 21	0 24	24 42	0 52	13 20	0 59	15 32	2 5	16 56	0 7	3 6	2 1	32 21	16 33	11 6	11 13	17 51		n.a.
W 3	19 39	13 10	0s41	13 18	1 16	7 51	0 21	24 42	0 53	13 21	0 59	15 29	2 5	16 56	0 7	3 6	2 1	32 21	16 33	11 6	11 12	17 52		n.a.
T 4	19 24	15 52	1 42	12 41	1 30	7 20	0 17	24 42	0 54	13 23	0 59	15 27	2 5	16 56	0 7	3 7	2 1	32 22	16 33	11 6	11 11	17 53		n.a.
F 5	19 9	17 53	2 38	12 5	1 44	6 50	0 14	24 41	0 54	13 25	0 59	15 24	2 4	16 56	0 7	3 7	2 1	32 23	16 33	11 5	11 9	17 53		n.a.
S 6	18 54	19 8	3 28	11 32	1 58	6 19	0 11	24 40	0 55	13 27	0 59	15 22	2 4	16 56	0 7	3 8	2 1	32 23	16 34	11 3	11 8	17 54		n.a.
S 7	18 39	19 33	4 9	11 2	2 12	5 48	0 7	24 39	0 55	13 28	0 59	15 19	2 4	16 56	0 7	3 8	2 1	32 24	16 34	11 1	11 7	17 55		n.a.
M 8	18 23	19 4	4 39	10 34	2 25	5 16	0 4	24 37	0 56	13 30	0 59	15 16	2 4	16 56	0 7	3 9	2 1	32 25	16 34	10 57	11 6	17 55		n.a.
T 9	18 7	17 41	4 57	10 9	2 38	4 45	0n 0	24 35	0 57	13 31	0 59	15 14	2 4	16 56	0 7	3 9	2 1	32 25	16 34	10 53	11 5	17 56		n.a.
W10	17 51	15 26	5 0	9 48	2 50	4 14	0 4	24 33	0 57	13 33	0 59	15 11	2 4	16 56	0 7	3 10	2 1	32 26	16 34	10 48	11 4	17 57		n.a.
T 11	17 34	12 24	4 49	9 30	3 1	3 42	0 7	24 31	0 58	13 34	0 59	15 9	2 4	16 56	0 7	3 10	2 1	32 26	16 34	10 43	11 3	17 57		n.a.
F 12	17 18	8 42	4 23	9 16	3 11	3 11	0 11	24 28	0 58	13 36	1 0	15 6	2 4	16 56	0 7	3 11	2 1	32 27	16 34	10 39	11 1	17 58		n.a.
S 13	17 0	4 32	3 41	9 6	3 20	2 39	0 15	24 25	0 59	13 37	1 0	15 3	2 4	16 56	0 7	3 11	2 1	32 28	16 34	10 35	11 0	17 59		n.a.
S 14	16 43	0 5	2 47	9 0	3 28	2 8	0 18	24 22	1 0	13 38	1 0	15 1	2 4	16 57	0 7	3 12	2 1	32 28	16 34	10 33	10 59	17 59		n.a.
M15	16 25	4s26	1 43	8 57	3 34	1 36	0 22	24 19	1 0	13 39	1 0	14 58	2 4	16 57	0 7	3 13	2 1	32 29	16 34	10 32	10 58	18 0		n.a.
T 16	16 7	8 46	0 32	8 59	3 39	1 4	0 26	24 15	1 1	13 40	1 0	14 55	2 4	16 57	0 7	3 13	2 0	32 29	16 34	10 31	10 57	18 1		n.a.
W17	15 49	12 40	0n42	9 4	3 43	0 33	0 30	24 11	1 1	13 41	1 0	14 53	2 4	16 57	0 7	3 14	2 0	32 30	16 34	10 31	10 56	18 1		n.a.
T 18	15 31	15 53	1 54	9 13	3 44	0 1	0 34	24 6	1 2	13 42	1 0	14 50	2 4	16 57	0 7	3 14	2 0	32 30	16 35	10 31	10 54	18 2		n.a.
F 19	15 12	18 10	3 0	9 25	3 44	0n31	0 38	24 2	1 2	13 43	1 0	14 47	2 4	16 58	0 7	3 15	2 0	32 31	16 35	10 31	10 53	18 3		n.a.
S 20	14 53	19 19	3 55	9 40	3 42	1 2	0 42	23 57	1 3	13 44	1 0	14 45	2 4	16 58	0 7	3 16	2 0	32 32	16 35	10 30	10 52	18 3		n.a.
S 21	14 34	19 15	4 35	9 59	3 39	1 34	0 46	23 52	1 4	13 45	1 0	14 42	2 4	16 58	0 7	3 16	2 0	32 32	16 35	10 28	10 51	18 4		n.a.
M22	14 14	17 57	4 58	10 19	3 33	2 5	0 50	23 46	1 4	13 46	1 0	14 39	2 4	16 58	0 7	3 17	2 0	32 33	16 34	10 25	10 50	18 4		n.a.
T 23	13 55	15 33	5 3	10 42	3 26	2 37	0 54	23 41	1 5	13 46	1 0	14 37	2 4	16 59	0 7	3 18	2 0	32 33	16 34	10 22	10 49	18 5		n.a.
W24	13 35	12 16	4 49	11 6	3 17	3 8	0 58	23 35	1 5	13 47	1 1	14 34	2 4	16 59	0 7	3 18	2 0	32 34	16 34	10 18	10 48	18 6		n.a.
T 25	13 15	8 21	4 19	11 32	3 7	3 39	1 2	23 28	1 6	13 48	1 1	14 31	2 4	16 59	0 7	3 19	2 0	32 34	16 34	10 14	10 46	18 6		n.a.
F 26	12 55	4 6	3 34	11 58	2 56	4 10	1 6	23 22	1 6	13 48	1 1	14 29	2 5	17 0	0 7	3 20	2 0	32 34	16 34	10 11	10 45	18 7		n.a.
S 27	12 34	0n14	2 39	12 24	2 43	4 41	1 10	23 15	1 7	13 49	1 1	14 26	2 5	17 0	0 7	3 21	2 0	32 35	16 34	10 9	10 44	18 7		n.a.
S 28	12s13	4n27	1n37	12s51	2n30	5n12	1n14	23s 8	1s 7	13s49	1n 1	14s23	2s 5	17n 1	0s 7	3n21	2s 0	32n35	16n34	10s 7	10s43	18n 8		n.a.

Julian Day Number = 1267083.5, Delta T = 08h20m43s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'37, Lahiri = -21°07'36 Julian Calendar 1 Feb. 1244 BCE == Greg. Calendar 21 Jan. 1244 BCE

The year -1243 astronomical counting style corresponds to year 1244 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1244 BCE
geocentric

MARCH 1244 BCE (-1243) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 49 27	29♒23'08	19♈52	18°R51	11♈16	22♉37	9♏ 9	27♒55	16♉45	12♈57	14°R10	25°R44	27♎20	2♊51	n.a.	M 1
T 2	9 53 24	0♓21'52	2♉ 4	18♒16	12°24	23°24	9°10	28° 2	16°46	12°59	14♌ 8	25°D44	27°17	2°58	n.a.	T 2
W 3	9 57 20	1°20'33	14° 3	17°44	13°32	24°10	9°11	28°10	16°48	13° 1	14° 7	25♎45	27°14	3° 5	n.a.	W 3
T 4	10 1 17	2°19'12	25°55	17°18	14°39	24°56	9°12	28°18	16°49	13° 3	14° 5	25°46	27°10	3°11	n.a.	T 4
F 5	10 5 14	3°17'49	7♊45	16°56	15°46	25°43	9°13	28°26	16°51	13° 5	14° 4	25°R46	27° 7	3°18	n.a.	F 5
S 6	10 9 10	4°16'24	19°38	16°39	16°53	26°29	9°13	28°33	16°52	13° 6	14° 2	25°45	27° 4	3°25	n.a.	S 6
S 7	10 13 7	5°14'56	1♋38	16°28	18° 0	27°15	9°R13	28°41	16°54	13° 8	14° 1	25°41	27° 1	3°31	n.a.	S 7
M 8	10 17 3	6°13'26	13°51	16°22	19° 7	28° 2	9°13	28°49	16°55	13°10	13°59	25°36	26°58	3°38	n.a.	M 8
T 9	10 21 0	7°11'54	26°19	16°D21	20°13	28°48	9°13	28°56	16°57	13°12	13°58	25°29	26°55	3°45	n.a.	T 9
W10	10 24 56	8°10'19	9♌ 6	16°26	21°20	29°34	9°13	29° 4	16°59	13°14	13°56	25°21	26°51	3°51	n.a.	W10
T 11	10 28 53	9° 8'42	22°11	16°35	22°26	0♒20	9°12	29°12	17° 1	13°16	13°55	25°13	26°48	3°58	n.a.	T 11
F 12	10 32 49	10° 7'04	5♍35	16°49	23°31	1° 7	9°11	29°19	17° 2	13°18	13°53	25° 5	26°45	4° 5	n.a.	F 12
S 13	10 36 46	11° 5'23	19°15	17° 9	24°37	1°53	9°10	29°27	17° 4	13°20	13°52	25° 0	26°42	4°11	n.a.	S 13
S 14	10 40 43	12° 3'40	3♎ 8	17°32	25°42	2°39	9° 9	29°34	17° 6	13°22	13°51	24°56	26°39	4°18	n.a.	S 14
M15	10 44 39	13° 1'55	17°11	18° 0	26°47	3°25	9° 8	29°42	17° 8	13°24	13°49	24°54	26°35	4°25	n.a.	M15
T 16	10 48 36	14° 0'09	1♏21	18°32	27°52	4°11	9° 6	29°50	17°10	13°26	13°48	24°D54	26°32	4°31	n.a.	T 16
W17	10 52 32	14°58'21	15°33	19° 9	28°57	4°57	9° 5	29°57	17°12	13°28	13°47	24°55	26°29	4°38	n.a.	W17
T 18	10 56 29	15°56'31	29°47	19°49	0♉ 1	5°43	9° 3	0♓ 5	17°14	13°30	13°45	24°56	26°26	4°45	n.a.	T 18
F 19	11 0 25	16°54'40	13♐58	20°33	1° 5	6°29	9° 1	0°12	17°16	13°32	13°44	24°R57	26°23	4°51	n.a.	F 19
S 20	11 4 22	17°52'47	28° 7	21°20	2° 9	7°15	8°58	0°20	17°19	13°34	13°43	24°57	26°20	4°58	n.a.	S 20
S 21	11 8 18	18°50'53	12♑11	22°11	3°13	8° 1	8°56	0°27	17°21	13°36	13°41	24°55	26°16	5° 5	n.a.	S 21
M22	11 12 15	19°48'57	26° 7	23° 5	4°16	8°47	8°53	0°35	17°23	13°38	13°40	24°51	26°13	5°11	n.a.	M22
T 23	11 16 11	20°47'00	9♒55	24° 2	5°19	9°33	8°51	0°42	17°25	13°40	13°39	24°46	26°10	5°18	n.a.	T 23
W24	11 20 8	21°45'01	23°31	25° 2	6°22	10°18	8°48	0°49	17°28	13°42	13°38	24°41	26° 7	5°25	n.a.	W24
T 25	11 24 5	22°43'00	6♓54	26° 5	7°24	11° 4	8°45	0°57	17°30	13°44	13°36	24°36	26° 4	5°31	n.a.	T 25
F 26	11 28 1	23°40'58	20° 2	27°11	8°27	11°50	8°41	1° 4	17°32	13°46	13°35	24°32	26° 0	5°38	n.a.	F 26
S 27	11 31 58	24°38'54	2♈54	28°19	9°28	12°36	8°38	1°11	17°35	13°48	13°34	24°29	25°57	5°45	n.a.	S 27
S 28	11 35 54	25°36'48	15°30	29°30	10°30	13°21	8°34	1°19	17°37	13°51	13°33	24°27	25°54	5°51	n.a.	S 28
M29	11 39 51	26°34'40	27°51	0♓44	11°31	14° 7	8°30	1°26	17°40	13°53	13°32	24°D27	25°51	5°58	n.a.	M29
T 30	11 43 47	27°32'31	9♉59	2° 0	12°32	14°52	8°26	1°33	17°42	13°55	13°31	24°27	25°48	6° 5	n.a.	T 30
W31	11 47 44	28♓30'20	21♉57	3♓18	13♉33	15♒38	8♏22	1♓40	17♉45	13♈57	13♌30	24♎29	25♎45	6♊12	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11s53	8n23	0n32	13s17	2n15	5n43	1n18	23s 1	1s 8	13s49	1n 1	14s21	2s 5	17n 1	0s 7	3n22	2s 0	32n36	16n34	10s 7	10s42	18n 9			n.a.
T 2	11 32	11 52	0s34	13 42	2 1	6 14	1 22	22 54	1 8	13 50	1 1	14 18	2 5	17 1	0 7	3 23	2 0	32 36	16 34	10 7	10 41	18 9			n.a.
W 3	11 11	14 47	1 37	14 6	1 45	6 44	1 26	22 46	1 9	13 50	1 1	14 15	2 5	17 2	0 7	3 23	2 0	32 37	16 34	10 7	10 39	18 10			n.a.
T 4	10 49	17 3	2 35	14 29	1 30	7 15	1 30	22 38	1 9	13 50	1 1	14 13	2 5	17 2	0 7	3 24	2 0	32 37	16 34	10 7	10 38	18 10			n.a.
F 5	10 28	18 34	3 26	14 51	1 14	7 45	1 34	22 30	1 10	13 50	1 1	14 10	2 5	17 3	0 7	3 25	2 0	32 37	16 34	10 7	10 37	18 11			n.a.
S 6	10 6	19 17	4 9	15 11	0 58	8 15	1 38	22 21	1 10	13 50	1 1	14 7	2 5	17 3	0 7	3 26	2 0	32 38	16 34	10 7	10 36	18 11			n.a.
S 7	9 45	19 9	4 41	15 29	0 43	8 44	1 42	22 13	1 11	13 50	1 1	14 4	2 5	17 4	0 6	3 26	1 59	32 38	16 33	10 5	10 35	18 12			n.a.
M 8	9 23	18 7	5 1	15 45	0 28	9 14	1 46	22 4	1 11	13 50	1 2	14 2	2 5	17 4	0 6	3 27	1 59	32 38	16 33	10 3	10 34	18 13			n.a.
T 9	9 1	16 12	5 8	16 0	0 13	9 43	1 50	21 54	1 11	13 50	1 2	13 59	2 5	17 5	0 6	3 28	1 59	32 39	16 33	10 1	10 32	18 13			n.a.
W10	8 39	13 29	4 59	16 12	0s 1	10 12	1 54	21 45	1 12	13 50	1 2	13 56	2 5	17 5	0 6	3 29	1 59	32 39	16 33	9 58	10 31	18 14			n.a.
T 11	8 16	10 1	4 35	16 22	0 15	10 41	1 57	21 36	1 12	13 50	1 2	13 54	2 5	17 6	0 6	3 30	1 59	32 39	16 33	9 55	10 30	18 14			n.a.
F 12	7 54	5 59	3 55	16 31	0 29	11 9	2 1	21 26	1 13	13 49	1 2	13 51	2 5	17 6	0 6	3 30	1 59	32 40	16 33	9 52	10 29	18 15			n.a.
S 13	7 32	1 34	3 1	16 37	0 42	11 38	2 5	21 16	1 13	13 49	1 2	13 48	2 5	17 7	0 6	3 31	1 59	32 40	16 32	9 50	10 28	18 15			n.a.
S 14	7 9	3s 1	1 55	16 41	0 54	12 6	2 9	21 5	1 14	13 48	1 2	13 46	2 5	17 7	0 6	3 32	1 59	32 40	16 32	9 49	10 27	18 16			n.a.
M15	6 46	7 30	0 42	16 44	1 5	12 33	2 13	20 55	1 14	13 48	1 2	13 43	2 5	17 8	0 6	3 33	1 59	32 40	16 32	9 48	10 25	18 16			n.a.
T 16	6 24	11 35	0n35	16 44	1 16	13 1	2 17	20 44	1 14	13 47	1 2	13 41	2 6	17 8	0 6	3 34	1 59	32 41	16 32	9 48	10 24	18 17			n.a.
W17	6 1	15 1	1 50	16 42	1 27	13 28	2 20	20 33	1 15	13 47	1 2	13 38	2 6	17 9	0 6	3 34	1 59	32 41	16 32	9 48	10 23	18 18			n.a.
T 18	5 38	17 32	2 58	16 38	1 36	13 54	2 24	20 22	1 15	13 46	1 2	13 35	2 6	17 10	0 6	3 35	1 59	32 41	16 31	9 49	10 22	18 18			n.a.
F 19	5 15	18 58	3 55	16 33	1 45	14 21	2 28	20 11	1 16	13 45	1 2	13 33	2 6	17 10	0 6	3 36	1 59	32 41	16 31	9 49	10 21	18 19			n.a.
S 20	4 52	19 11	4 38	16 25	1 54	14 47	2 31	19 59	1 16	13 45	1 2	13 30	2 6	17 11	0 6	3 37	1 59	32 41	16 31	9 49	10 20	18 19			n.a.
S 21	4 29	18 14	5 4	16 16	2 1	15 12	2 35	19 48	1 16	13 44	1 2	13 27	2 6	17 12	0 6	3 38	1 59	32 42	16 31	9 48	10 18	18 20			n.a.
M22	4 6	16 11	5 11	16 4	2 8	15 38	2 38	19 36	1 17	13 43	1 2	13 25	2 6	17 12	0 6	3 39	1 59	32 42	16 30	9 47	10 17	18 20			n.a.
T 23	3 43	13 14	5 1	15 51	2 15	16 3	2 41	19 24	1 17	13 42	1 2	13 22	2 6	17 13	0 6	3 40	1 59	32 42	16 30	9 45	10 16	18 21			n.a.
W24	3 19	9 37	4 33	15 36	2 20	16 27	2 45	19 12	1 17	13 41	1 3	13 20	2 6	17 14	0 6	3 40	1 59	32 42	16 30	9 43	10 15	18 21			n.a.
T 25	2 56	5 33	3 51	15 19	2 25	16 51	2 48	18 59	1 18	13 40	1 3	13 17	2 6	17 14	0 6	3 41	1 59	32 42	16 29	9 41	10 14	18 22			n.a.
F 26	2 33	1 18	2 57	15 0	2 30	17 15	2 51	18 46	1 18	13 39	1 3	13 14	2 7	17 15	0 6	3 42	1 59	32 42	16 29	9 40	10 13	18 22			n.a.
S 27	2 10	2n56	1 55	14 39	2 34	17 38	2 54	18 34	1 18	13 38	1 3	13 12	2 7	17 16	0 6	3 43	1 59	32 42	16 29	9 38	10 11	18 23			n.a.
S 28	1 46	6 57	0 49	14 17	2 37	18 1	2 58	18 21	1 19	13 36	1 3	13 9	2 7	17 16	0 6	3 44	1 59	32 42	16 29	9 38	10 10	18 23			n.a.
M29	1 23	10 36	0s19	13 52	2 39	18 24	3 1	18 8	1 19	13 35	1 3	13 7	2 7	17 17	0 6	3 45	1 59	32 42	16 28	9 38	10 9	18 24			n.a.
T 30	1 0	13 43	1 24	13 26	2 41	18 46	3 3	17 54	1 19	13 34	1 3	13 4	2 7	17 18	0 6	3 46	1 59	32 42	16 28	9 38	10 8	18 24			n.a.
W31	0s36	16n13	2s26	12s59	2s42	19n 7	3n 6	17s41	1s20	13s33	1n 3	13s 2	2s 7	17n19	0s 6	3n46	1s59	32n42	16n28	9s39	10s 7	18n25			n.a.

Julian Day Number = 1267111.5, Delta T = 08h20m42s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'33, Lahiri = -21°07'33 Julian Calendar 1 March 1244 BCE == Greg. Calendar 18 Feb. 1244 BCE

The year -1243 astronomical counting style corresponds to year 1244 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1244 BCE
geocentric

APRIL 1244 BCE (-1243) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 51 40	29♓28'07	3♊49	4♓39	14♉33	16♒23	8°R18	1♓48	17♉48	13♈59	13°R29	24♎31	25♎41	6♊18	n.a.	T 1
F 2	11 55 37	0♈25'52	15°40	6° 2	15°33	17° 9	8♏13	1°55	17°50	14° 1	13♌28	24°32	25°38	6°25	n.a.	F 2
S 3	11 59 33	1°23'36	27°33	7°27	16°32	17°54	8° 9	2° 2	17°53	14° 4	13°27	24°R33	25°35	6°32	n.a.	S 3
S 4	12 3 30	2°21'17	9♋33	8°55	17°31	18°40	8° 4	2° 9	17°56	14° 6	13°26	24°33	25°32	6°38	n.a.	S 4
M 5	12 7 27	3°18'57	21°47	10°24	18°29	19°25	7°59	2°16	17°59	14° 8	13°25	24°32	25°29	6°45	n.a.	M 5
T 6	12 11 23	4°16'36	4♌16	11°56	19°28	20°10	7°54	2°23	18° 1	14°10	13°24	24°30	25°26	6°52	n.a.	T 6
W 7	12 15 20	5°14'12	17° 6	13°30	20°25	20°55	7°49	2°30	18° 4	14°12	13°23	24°27	25°22	6°58	n.a.	W 7
T 8	12 19 16	6°11'47	0♍18	15° 6	21°22	21°40	7°43	2°37	18° 7	14°15	13°22	24°25	25°19	7° 5	n.a.	T 8
F 9	12 23 13	7° 9'20	13°53	16°45	22°19	22°26	7°38	2°44	18°10	14°17	13°21	24°22	25°16	7°12	n.a.	F 9
S 10	12 27 9	8° 6'52	27°49	18°25	23°16	23°11	7°32	2°50	18°13	14°19	13°21	24°20	25°13	7°18	n.a.	S 10
S 11	12 31 6	9° 4'22	12♎ 4	20° 8	24°11	23°56	7°26	2°57	18°16	14°21	13°20	24°19	25°10	7°25	n.a.	S 11
M12	12 35 2	10° 1'51	26°32	21°53	25° 7	24°41	7°21	3° 4	18°19	14°24	13°19	24°D19	25° 6	7°32	n.a.	M12
T 13	12 38 59	10°59'19	11♏ 8	23°39	26° 1	25°26	7°15	3°11	18°22	14°26	13°18	24°19	25° 3	7°38	n.a.	T 13
W14	12 42 56	11°56'46	25°46	25°29	26°55	26°10	7° 8	3°17	18°25	14°28	13°18	24°20	25° 0	7°45	n.a.	W14
T 15	12 46 52	12°54'12	10♐20	27°20	27°49	26°55	7° 2	3°24	18°28	14°30	13°17	24°21	24°57	7°52	n.a.	T 15
F 16	12 50 49	13°51'37	24°46	29°13	28°42	27°40	6°56	3°30	18°31	14°33	13°16	24°22	24°54	7°58	n.a.	F 16
S 17	12 54 45	14°49'01	9♑ 0	1♈ 8	29°34	28°25	6°49	3°37	18°34	14°35	13°16	24°R22	24°51	8° 5	n.a.	S 17
S 18	12 58 42	15°46'24	23° 0	3° 6	0♊26	29° 9	6°43	3°43	18°37	14°37	13°15	24°22	24°47	8°12	n.a.	S 18
M19	13 2 38	16°43'47	6♒45	5° 5	1°17	29°54	6°36	3°50	18°40	14°39	13°15	24°22	24°44	8°18	n.a.	M19
T 20	13 6 35	17°41'08	20°14	7° 6	2° 8	0♓39	6°29	3°56	18°44	14°42	13°14	24°21	24°41	8°25	n.a.	T 20
W21	13 10 31	18°38'29	3♓28	9° 9	2°57	1°23	6°22	4° 2	18°47	14°44	13°14	24°21	24°38	8°32	n.a.	W21
T 22	13 14 28	19°35'49	16°28	11°14	3°46	2° 8	6°15	4° 8	18°50	14°46	13°13	24°20	24°35	8°38	n.a.	T 22
F 23	13 18 25	20°33'08	29°13	13°20	4°35	2°52	6° 8	4°15	18°53	14°48	13°13	24°20	24°31	8°45	n.a.	F 23
S 24	13 22 21	21°30'26	11♈45	15°28	5°22	3°36	6° 1	4°21	18°56	14°51	13°13	24°19	24°28	8°52	n.a.	S 24
S 25	13 26 18	22°27'44	24° 6	17°37	6° 9	4°21	5°54	4°27	19° 0	14°53	13°12	24°D19	24°25	8°59	n.a.	S 25
M26	13 30 14	23°25'00	6♉15	19°47	6°55	5° 5	5°47	4°33	19° 3	14°55	13°12	24°19	24°22	9° 5	n.a.	M26
T 27	13 34 11	24°22'16	18°17	21°58	7°40	5°49	5°40	4°39	19° 6	14°57	13°12	24°R19	24°19	9°12	n.a.	T 27
W28	13 38 7	25°19'31	0♊11	24° 9	8°24	6°33	5°32	4°45	19°10	14°59	13°11	24°19	24°16	9°19	n.a.	W28
T 29	13 42 4	26°16'45	12° 2	26°21	9° 7	7°17	5°25	4°50	19°13	15° 2	13°11	24°19	24°12	9°25	n.a.	T 29
F 30	13 46 0	27♈13'57	23♊52	28♈33	9♊49	8♓ 1	5♏17	4♓56	19♉17	15♈ 4	13♌11	24♎19	24♎ 9	9♊32	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s13	18n 0	3s20	12s29	2s43	19n28	3n 9	17s27	1s20	13s31	1n 3	12s59	2s 7	17n19	0s 6	3n47	1s59	32n42	16n27	9s39	10s 5	18n25		n.a.
F 2	0n10	18 59	4 6	11 58	2 43	19 49	3 12	17 14	1 20	13 30	1 3	12 57	2 7	17 20	0 6	3 48	1 59	32 42	16 27	9 40	10 4	18 26		n.a.
S 3	0 34	19 8	4 41	11 25	2 42	20 9	3 14	17 0	1 20	13 28	1 3	12 54	2 8	17 21	0 6	3 49	1 59	32 42	16 27	9 40	10 3	18 26		n.a.
S 4	0 57	18 26	5 5	10 51	2 41	20 29	3 17	16 46	1 21	13 27	1 3	12 52	2 8	17 22	0 6	3 50	1 59	32 42	16 26	9 40	10 2	18 27		n.a.
M 5	1 20	16 52	5 15	10 14	2 39	20 48	3 19	16 31	1 21	13 25	1 3	12 50	2 8	17 23	0 6	3 51	1 59	32 42	16 26	9 40	10 1	18 27		n.a.
T 6	1 44	14 29	5 11	9 36	2 37	21 7	3 21	16 17	1 21	13 23	1 3	12 47	2 8	17 23	0 6	3 52	1 59	32 42	16 25	9 39	10 0	18 27		n.a.
W 7	2 7	11 21	4 51	8 57	2 34	21 25	3 23	16 3	1 21	13 22	1 3	12 45	2 8	17 24	0 6	3 53	1 59	32 42	16 25	9 38	9 58	18 28		n.a.
T 8	2 30	7 34	4 16	8 16	2 30	21 42	3 25	15 48	1 22	13 20	1 3	12 42	2 8	17 25	0 6	3 53	1 59	32 42	16 25	9 37	9 57	18 28		n.a.
F 9	2 53	3 17	3 25	7 33	2 26	21 59	3 27	15 33	1 22	13 18	1 3	12 40	2 8	17 26	0 6	3 54	1 59	32 42	16 24	9 36	9 56	18 29		n.a.
S 10	3 16	1s16	2 21	6 49	2 21	22 16	3 29	15 19	1 22	13 16	1 3	12 38	2 9	17 27	0 6	3 55	1 59	32 42	16 24	9 35	9 55	18 29		n.a.
S 11	3 39	5 53	1 7	6 3	2 16	22 32	3 31	15 4	1 22	13 14	1 3	12 35	2 9	17 27	0 6	3 56	1 59	32 42	16 24	9 35	9 54	18 30		n.a.
M12	4 2	10 13	0n12	5 16	2 10	22 47	3 32	14 49	1 23	13 12	1 3	12 33	2 9	17 28	0 6	3 57	1 59	32 42	16 23	9 35	9 53	18 30		n.a.
T 13	4 25	13 58	1 32	4 27	2 4	23 2	3 34	14 33	1 23	13 10	1 3	12 31	2 9	17 29	0 6	3 58	1 59	32 42	16 23	9 35	9 51	18 31		n.a.
W14	4 48	16 51	2 46	3 36	1 57	23 17	3 35	14 18	1 23	13 8	1 3	12 28	2 9	17 30	0 6	3 59	1 59	32 41	16 22	9 35	9 50	18 31		n.a.
T 15	5 11	18 36	3 48	2 45	1 49	23 30	3 36	14 3	1 23	13 6	1 3	12 26	2 9	17 31	0 6	4 0	1 59	32 41	16 22	9 36	9 49	18 31		n.a.
F 16	5 33	19 8	4 36	1 52	1 41	23 44	3 37	13 47	1 23	13 4	1 3	12 24	2 10	17 32	0 6	4 1	1 59	32 41	16 22	9 36	9 48	18 32		n.a.
S 17	5 56	18 27	5 6	0 58	1 33	23 56	3 38	13 31	1 23	13 2	1 3	12 21	2 10	17 33	0 6	4 1	1 59	32 41	16 21	9 36	9 47	18 32		n.a.
S 18	6 18	16 38	5 17	0 2	1 24	24 8	3 39	13 16	1 24	13 0	1 3	12 19	2 10	17 34	0 6	4 2	1 59	32 41	16 21	9 36	9 45	18 33		n.a.
M19	6 41	13 54	5 10	0n54	1 15	24 20	3 39	13 0	1 24	12 58	1 3	12 17	2 10	17 34	0 6	4 3	1 59	32 40	16 20	9 36	9 44	18 33		n.a.
T 20	7 3	10 28	4 45	1 52	1 6	24 31	3 39	12 44	1 24	12 56	1 3	12 15	2 10	17 35	0 6	4 4	1 59	32 40	16 20	9 36	9 43	18 34		n.a.
W21	7 25	6 35	4 6	2 50	0 56	24 41	3 40	12 28	1 24	12 53	1 2	12 13	2 11	17 36	0 6	4 5	1 59	32 40	16 19	9 35	9 42	18 34		n.a.
T 22	7 47	2 27	3 15	3 49	0 46	24 51	3 40	12 12	1 24	12 51	1 2	12 11	2 11	17 37	0 6	4 6	1 59	32 40	16 19	9 35	9 41	18 34		n.a.
F 23	8 9	1n44	2 15	4 48	0 35	25 0	3 39	11 56	1 24	12 49	1 2	12 8	2 11	17 38	0 6	4 7	1 59	32 39	16 19	9 35	9 39	18 35		n.a.
S 24	8 31	5 47	1 9	5 48	0 25	25 9	3 39	11 40	1 24	12 46	1 2	12 6	2 11	17 39	0 6	4 8	1 59	32 39	16 18	9 35	9 38	18 35		n.a.
S 25	8 53	9 31	0 1	6 48	0 14	25 17	3 39	11 23	1 25	12 44	1 2	12 4	2 11	17 40	0 6	4 8	1 59	32 39	16 18	9 35	9 37	18 36		n.a.
M26	9 15	12 48	1s 6	7 48	0 4	25 24	3 38	11 7	1 25	12 42	1 2	12 2	2 11	17 41	0 6	4 9	1 59	32 38	16 17	9 35	9 36	18 36		n.a.
T 27	9 36	15 29	2 9	8 48	0n 7	25 31	3 37	10 50	1 25	12 39	1 2	12 0	2 12	17 42	0 6	4 10	1 59	32 38	16 17	9 35	9 35	18 36		n.a.
W28	9 57	17 30	3 6	9 47	0 17	25 37	3 36	10 34	1 25	12 37	1 2	11 58	2 12	17 43	0 6	4 11	1 59	32 38	16 16	9 35	9 34	18 37		n.a.
T 29	10 19	18 44	3 55	10 46	0 28	25 43	3 34	10 17	1 25	12 34	1 2	11 56	2 12	17 44	0 6	4 12	1 59	32 37	16 16	9 35	9 32	18 37		n.a.
F 30	10n39	19n 8	4s34	11n43	0n38	25n48	3n33	10s 1	1s25	12s32	1n 2	11s54	2s12	17n45	0s 6	4n13	1s59	32n37	16n15	9s35	9s31	18n38		n.a.

Julian Day Number = 1267142.5, Delta T = 08h20m40s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'29, Lahiri = -21°07'28 Julian Calendar 1 Apr. 1244 BCE == Greg. Calendar 21 March 1244 BCE

The year -1243 astronomical counting style corresponds to year 1244 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1244 BCE
geocentric

MAY 1244 BCE (-1243) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 49 57	28♈11'09	5♋45	0♉44	10♊30	8♓45	5°R10	5♓ 2	19♉20	15♈ 6	13°R11	24°R18	24♎ 6	9♊39	n.a.	S 1
S 2	13 53 54	29° 8'20	17°45	2°55	11°10	9°29	5♏ 2	5° 7	19°23	15° 8	13♌11	24♎18	24° 3	9°45	n.a.	S 2
M 3	13 57 50	0♉ 5'30	29°56	5° 5	11°49	10°13	4°55	5°13	19°27	15°10	13°11	24°D18	24° 0	9°52	n.a.	M 3
T 4	14 1 47	1° 2'39	12♌24	7°14	12°27	10°56	4°47	5°18	19°30	15°13	13°11	24°18	23°57	9°59	n.a.	T 4
W 5	14 5 43	1°59'48	25°11	9°22	13° 4	11°40	4°39	5°24	19°34	15°15	13°D11	24°19	23°53	10° 5	n.a.	W 5
T 6	14 9 40	2°56'55	8♍22	11°28	13°39	12°23	4°32	5°29	19°37	15°17	13°11	24°19	23°50	10°12	n.a.	T 6
F 7	14 13 36	3°54'02	21°58	13°33	14°13	13° 7	4°24	5°34	19°41	15°19	13°11	24°20	23°47	10°19	n.a.	F 7
S 8	14 17 33	4°51'07	6♎ 0	15°36	14°46	13°50	4°16	5°40	19°44	15°21	13°11	24°21	23°44	10°25	n.a.	S 8
S 9	14 21 29	5°48'13	20°25	17°37	15°18	14°34	4° 9	5°45	19°48	15°23	13°11	24°R21	23°41	10°32	n.a.	S 9
M10	14 25 26	6°45'17	5♏10	19°36	15°48	15°17	4° 1	5°50	19°51	15°26	13°11	24°21	23°37	10°39	n.a.	M10
T 11	14 29 23	7°42'22	20° 7	21°33	16°16	16° 0	3°53	5°55	19°55	15°28	13°11	24°20	23°34	10°46	n.a.	T 11
W12	14 33 19	8°39'26	5♐ 9	23°28	16°43	16°43	3°46	6° 0	19°58	15°30	13°11	24°19	23°31	10°52	n.a.	W12
T 13	14 37 16	9°36'30	20° 7	25°21	17° 8	17°27	3°38	6° 4	20° 2	15°32	13°11	24°17	23°28	10°59	n.a.	T 13
F 14	14 41 12	10°33'34	4♑52	27°12	17°32	18°10	3°31	6° 9	20° 5	15°34	13°12	24°15	23°25	11° 6	n.a.	F 14
S 15	14 45 9	11°30'38	19°20	29° 0	17°54	18°53	3°23	6°14	20° 9	15°36	13°12	24°14	23°22	11°12	n.a.	S 15
S 16	14 49 5	12°27'42	3♒26	0♊47	18°14	19°35	3°16	6°19	20°13	15°38	13°12	24°13	23°18	11°19	n.a.	S 16
M17	14 53 2	13°24'46	17° 9	2°31	18°33	20°18	3° 8	6°23	20°16	15°40	13°13	24°D13	23°15	11°26	n.a.	M17
T 18	14 56 59	14°21'50	0♓29	4°12	18°49	21° 1	3° 1	6°27	20°20	15°42	13°13	24°13	23°12	11°32	n.a.	T 18
W19	15 0 55	15°18'54	13°30	5°52	19° 4	21°44	2°54	6°32	20°23	15°44	13°14	24°15	23° 9	11°39	n.a.	W19
T 20	15 4 52	16°15'59	26°13	7°29	19°17	22°26	2°46	6°36	20°27	15°46	13°14	24°16	23° 6	11°46	n.a.	T 20
F 21	15 8 48	17°13'03	8♈41	9° 4	19°27	23° 9	2°39	6°40	20°31	15°48	13°14	24°17	23° 2	11°52	n.a.	F 21
S 22	15 12 45	18°10'08	20°57	10°37	19°36	23°51	2°32	6°44	20°34	15°50	13°15	24°R18	22°59	11°59	n.a.	S 22
S 23	15 16 41	19° 7'13	3♉ 4	12° 7	19°42	24°34	2°25	6°48	20°38	15°52	13°16	24°18	22°56	12° 6	n.a.	S 23
M24	15 20 38	20° 4'18	15° 3	13°35	19°46	25°16	2°18	6°52	20°41	15°54	13°16	24°16	22°53	12°12	n.a.	M24
T 25	15 24 34	21° 1'23	26°57	15° 1	19°R48	25°58	2°11	6°56	20°45	15°56	13°17	24°14	22°50	12°19	n.a.	T 25
W26	15 28 31	21°58'29	8♊48	16°24	19°48	26°40	2° 4	7° 0	20°49	15°58	13°17	24°10	22°47	12°26	n.a.	W26
T 27	15 32 28	22°55'34	20°38	17°45	19°45	27°22	1°57	7° 4	20°52	16° 0	13°18	24° 5	22°43	12°33	n.a.	T 27
F 28	15 36 24	23°52'39	2♋29	19° 4	19°40	28° 4	1°51	7° 7	20°56	16° 2	13°19	24° 0	22°40	12°39	n.a.	F 28
S 29	15 40 21	24°49'45	14°23	20°20	19°33	28°46	1°44	7°11	20°59	16° 3	13°20	23°55	22°37	12°46	n.a.	S 29
S 30	15 44 17	25°46'51	26°24	21°33	19°23	29°28	1°38	7°14	21° 3	16° 5	13°20	23°51	22°34	12°53	n.a.	S 30
M31	15 48 14	26♉43'56	8♌36	22♊44	19♊11	0♈10	1♏31	7♓17	21♉ 7	16♈ 7	13♌21	23♎48	22♎31	12♊59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n 0	18n42	5s 1	12n40	0n47	25n52	3n31	9s44	1s25	12s30	1n 2	11s52	2s13	17n46	0s 6	4n14	1s59	32n36	16n15	9s35	9s30	18n38		n.a.
S 2	11 21	17 26	5 15	13 35	0 57	25 56	3 29	9 27	1 25	12 27	1 2	11 51	2 13	17 47	0 6	4 14	1 59	32 36	16 14	9 35	9 29	18 38		n.a.
M 3	11 42	15 22	5 16	14 28	1 6	25 59	3 26	9 10	1 25	12 25	1 1	11 49	2 13	17 48	0 6	4 15	1 59	32 36	16 14	9 34	9 28	18 39		n.a.
T 4	12 2	12 33	5 2	15 19	1 14	26 2	3 24	8 54	1 25	12 22	1 1	11 47	2 13	17 49	0 6	4 16	1 59	32 35	16 14	9 35	9 26	18 39		n.a.
W 5	12 22	9 4	4 33	16 9	1 22	26 4	3 21	8 37	1 25	12 20	1 1	11 45	2 13	17 49	0 6	4 17	1 59	32 35	16 13	9 35	9 25	18 39		n.a.
T 6	12 42	5 3	3 48	16 56	1 29	26 5	3 18	8 20	1 25	12 17	1 1	11 43	2 14	17 50	0 6	4 18	1 59	32 34	16 13	9 35	9 24	18 40		n.a.
F 7	13 2	0 38	2 50	17 42	1 36	26 6	3 14	8 3	1 25	12 15	1 1	11 41	2 14	17 51	0 6	4 19	1 59	32 34	16 12	9 35	9 23	18 40		n.a.
S 8	13 21	3s57	1 40	18 25	1 42	26 6	3 10	7 46	1 25	12 12	1 1	11 40	2 14	17 52	0 6	4 19	1 59	32 33	16 12	9 36	9 22	18 40		n.a.
S 9	13 41	8 27	0 22	19 5	1 48	26 6	3 6	7 29	1 25	12 10	1 1	11 38	2 14	17 53	0 6	4 20	1 59	32 33	16 11	9 36	9 20	18 41		n.a.
M10	14 0	12 32	1n 0	19 44	1 52	26 5	3 2	7 12	1 25	12 7	1 1	11 36	2 15	17 54	0 6	4 21	1 59	32 33	16 11	9 36	9 19	18 41		n.a.
T 11	14 19	15 51	2 18	20 19	1 56	26 4	2 57	6 55	1 25	12 5	1 0	11 35	2 15	17 55	0 6	4 22	1 59	32 32	16 10	9 35	9 18	18 42		n.a.
W12	14 37	18 7	3 27	20 53	2 0	26 1	2 53	6 38	1 25	12 2	1 0	11 33	2 15	17 56	0 6	4 23	1 59	32 31	16 10	9 35	9 17	18 42		n.a.
T 13	14 56	19 7	4 22	21 24	2 2	25 59	2 47	6 20	1 25	12 0	1 0	11 31	2 15	17 57	0 6	4 23	1 59	32 31	16 9	9 34	9 16	18 42		n.a.
F 14	15 14	18 47	4 58	21 52	2 4	25 56	2 42	6 3	1 25	11 57	1 0	11 30	2 16	17 58	0 6	4 24	1 59	32 30	16 9	9 33	9 15	18 43		n.a.
S 15	15 32	17 14	5 15	22 19	2 6	25 52	2 36	5 46	1 25	11 55	1 0	11 28	2 16	17 59	0 6	4 25	1 59	32 30	16 8	9 33	9 13	18 43		n.a.
S 16	15 50	14 40	5 12	22 43	2 6	25 47	2 29	5 29	1 25	11 52	1 0	11 27	2 16	18 0	0 6	4 26	1 59	32 29	16 8	9 33	9 12	18 43		n.a.
M17	16 8	11 20	4 51	23 4	2 6	25 42	2 23	5 12	1 25	11 50	1 0	11 25	2 16	18 1	0 6	4 27	1 59	32 29	16 7	9 32	9 11	18 44		n.a.
T 18	16 25	7 31	4 15	23 23	2 5	25 37	2 16	4 55	1 24	11 48	0 59	11 24	2 17	18 2	0 6	4 27	1 59	32 28	16 7	9 33	9 10	18 44		n.a.
W19	16 42	3 25	3 26	23 41	2 4	25 30	2 8	4 37	1 24	11 45	0 59	11 22	2 17	18 3	0 6	4 28	1 59	32 28	16 6	9 33	9 9	18 44		n.a.
T 20	16 59	0n44	2 29	23 56	2 2	25 24	2 0	4 20	1 24	11 43	0 59	11 21	2 17	18 4	0 6	4 29	1 59	32 27	16 6	9 34	9 7	18 44		n.a.
F 21	17 15	4 48	1 25	24 8	1 59	25 16	1 52	4 3	1 24	11 41	0 59	11 20	2 17	18 5	0 6	4 30	1 59	32 26	16 6	9 34	9 6	18 45		n.a.
S 22	17 32	8 36	0 18	24 19	1 56	25 8	1 43	3 46	1 24	11 38	0 59	11 18	2 18	18 6	0 6	4 30	1 59	32 26	16 5	9 35	9 5	18 45		n.a.
S 23	17 48	11 59	0s48	24 28	1 52	25 0	1 34	3 29	1 24	11 36	0 58	11 17	2 18	18 7	0 6	4 31	1 59	32 25	16 5	9 34	9 4	18 45		n.a.
M24	18 3	14 51	1 52	24 35	1 47	24 51	1 25	3 11	1 24	11 34	0 58	11 16	2 18	18 8	0 6	4 32	1 59	32 25	16 4	9 34	9 3	18 46		n.a.
T 25	18 19	17 3	2 50	24 40	1 42	24 41	1 15	2 54	1 24	11 31	0 58	11 15	2 18	18 9	0 6	4 33	1 59	32 24	16 4	9 33	9 1	18 46		n.a.
W26	18 34	18 31	3 40	24 44	1 36	24 31	1 5	2 37	1 23	11 29	0 58	11 14	2 19	18 10	0 6	4 33	1 59	32 23	16 3	9 31	9 0	18 46		n.a.
T 27	18 49	19 10	4 21	24 46	1 30	24 20	0 54	2 20	1 23	11 27	0 58	11 12	2 19	18 11	0 5	4 34	1 59	32 23	16 3	9 30	8 59	18 47		n.a.
F 28	19 3	18 58	4 51	24 46	1 23	24 9	0 43	2 3	1 23	11 25	0 57	11 11	2 19	18 12	0 5	4 35	1 59	32 22	16 2	9 28	8 58	18 47		n.a.
S 29	19 18	17 57	5 8	24 44	1 16	23 57	0 32	1 46	1 23	11 23	0 57	11 10	2 19	18 13	0 5	4 35	1 59	32 21	16 2	9 26	8 57	18 47		n.a.
S 30	19 31	16 7	5 12	24 42	1 8	23 44	0 20	1 29	1 23	11 21	0 57	11 9	2 20	18 14	0 5	4 36	1 59	32 21	16 1	9 24	8 55	18 47		n.a.
M31	19n45	13n33	5s 2	24n38	0n59	23n31	0n 8	1s12	1s23	11s19	0n57	11s 8	2s20	18n15	0s 5	4n37	1s59	32n20	16n 1	9s23	8s54	18n48		n.a.

Julian Day Number = 1267172.5, Delta T = 08h20m38s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'25, Lahiri = -21°07'24 Julian Calendar 1 May 1244 BCE == Greg. Calendar 20 Apr. 1244 BCE

The year -1243 astronomical counting style corresponds to year 1244 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1244 BCE
geocentric

JUNE 1244 BCE (-1243) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 52 10	27♉41'02	21♌ 1	23♊52	18°R56	0♈51	1°R25	7♓21	21♉10	16♈ 9	13♌22	23°R47	22♎28	13♊ 6	n.a.	T 1
W 2	15 56 7	28°38'08	3♍44	24°57	18♊39	1°33	1♏19	7°24	21°14	16°11	13°23	23°D46	22°24	13°13	n.a.	W 2
T 3	16 0 3	29°35'13	16°49	26° 0	18°20	2°14	1°13	7°27	21°17	16°12	13°24	23♎47	22°21	13°19	n.a.	T 3
F 4	16 4 0	0♊32'19	0♎19	26°59	17°58	2°55	1° 7	7°30	21°21	16°14	13°25	23°49	22°18	13°26	n.a.	F 4
S 5	16 7 57	1°29'25	14°16	27°56	17°35	3°37	1° 2	7°33	21°24	16°16	13°26	23°50	22°15	13°33	n.a.	S 5
S 6	16 11 53	2°26'32	28°40	28°49	17° 9	4°18	0°56	7°35	21°28	16°18	13°27	23°R50	22°12	13°39	n.a.	S 6
M 7	16 15 50	3°23'39	13♏28	29°39	16°41	4°59	0°51	7°38	21°32	16°19	13°28	23°49	22° 8	13°46	n.a.	M 7
T 8	16 19 46	4°20'46	28°34	0♋25	16°12	5°40	0°45	7°41	21°35	16°21	13°29	23°46	22° 5	13°53	n.a.	T 8
W 9	16 23 43	5°17'54	13♐49	1° 8	15°41	6°21	0°40	7°43	21°39	16°22	13°30	23°41	22° 2	14° 0	n.a.	W 9
T 10	16 27 39	6°15'02	29° 3	1°48	15° 8	7° 2	0°35	7°45	21°42	16°24	13°31	23°35	21°59	14° 6	n.a.	T 10
F 11	16 31 36	7°12'12	14♑ 6	2°23	14°34	7°42	0°30	7°48	21°46	16°26	13°32	23°29	21°56	14°13	n.a.	F 11
S 12	16 35 33	8° 9'22	28°48	2°54	13°59	8°23	0°26	7°50	21°49	16°27	13°33	23°23	21°53	14°20	n.a.	S 12
S 13	16 39 29	9° 6'33	13♒ 5	3°21	13°23	9° 4	0°21	7°52	21°53	16°29	13°34	23°19	21°49	14°26	n.a.	S 13
M14	16 43 26	10° 3'45	26°53	3°44	12°47	9°44	0°17	7°54	21°56	16°30	13°36	23°16	21°46	14°33	n.a.	M14
T 15	16 47 22	11° 0'59	10♓14	4° 2	12°10	10°24	0°12	7°56	22° 0	16°32	13°37	23°D15	21°43	14°40	n.a.	T 15
W16	16 51 19	11°58'13	23°11	4°16	11°33	11° 5	0° 8	7°57	22° 3	16°33	13°38	23°16	21°40	14°46	n.a.	W16
T 17	16 55 15	12°55'28	5♈46	4°25	10°55	11°45	0° 4	7°59	22° 6	16°35	13°39	23°17	21°37	14°53	n.a.	T 17
F 18	16 59 12	13°52'45	18° 5	4°R29	10°19	12°25	0° 1	8° 1	22°10	16°36	13°41	23°R18	21°34	15° 0	n.a.	F 18
S 19	17 3 8	14°50'03	0♉11	4°27	9°42	13° 5	29♎57	8° 2	22°13	16°37	13°42	23°18	21°30	15° 7	n.a.	S 19
S 20	17 7 5	15°47'22	12° 8	4°21	9° 7	13°45	29°54	8° 3	22°17	16°39	13°43	23°16	21°27	15°13	n.a.	S 20
M21	17 11 2	16°44'42	24° 1	4°10	8°32	14°25	29°51	8° 5	22°20	16°40	13°45	23°12	21°24	15°20	n.a.	M21
T 22	17 14 58	17°42'03	5♊51	3°54	7°59	15° 4	29°47	8° 6	22°23	16°41	13°46	23° 5	21°21	15°27	n.a.	T 22
W23	17 18 55	18°39'25	17°40	3°32	7°27	15°44	29°45	8° 7	22°27	16°43	13°48	22°57	21°18	15°33	n.a.	W23
T 24	17 22 51	19°36'49	29°32	3° 6	6°56	16°23	29°42	8° 8	22°30	16°44	13°49	22°46	21°14	15°40	n.a.	T 24
F 25	17 26 48	20°34'13	11♋27	2°35	6°27	17° 3	29°39	8° 9	22°33	16°45	13°51	22°35	21°11	15°47	n.a.	F 25
S 26	17 30 44	21°31'39	23°26	2° 0	6° 0	17°42	29°37	8° 9	22°37	16°46	13°52	22°25	21° 8	15°53	n.a.	S 26
S 27	17 34 41	22°29'05	5♌32	1°21	5°35	18°21	29°35	8°10	22°40	16°47	13°54	22°15	21° 5	16° 0	n.a.	S 27
M28	17 38 38	23°26'33	17°48	0°39	5°12	19° 0	29°33	8°10	22°43	16°49	13°55	22° 8	21° 2	16° 7	n.a.	M28
T 29	17 42 34	24°24'01	0♍15	29♊55	4°51	19°39	29°31	8°11	22°46	16°50	13°57	22° 3	20°59	16°14	n.a.	T 29
W30	17 46 31	25♊21'31	12♍57	29♊ 8	4♊32	20♈18	29♎29	8♓11	22♉49	16♈51	13♌59	22♎ 0	20♎55	16♊20	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n58	10n21	4s38	24n32	0n51	23n17	0s 5	0s55	1s22	11s17	0n57	11s 7	2s20	18n16	0s 5	4n37	1s59	32n19	16n 0	9s23	8s53	18n48		n.a.
W 2	20 11	6 35	4 0	24 26	0 41	23 3	0 18	0 38	1 22	11 15	0 56	11 6	2 21	18 17	0 5	4 38	1 59	32 19	16 0	9 23	8 52	18 48		n.a.
T 3	20 24	2 25	3 8	24 18	0 31	22 48	0 31	0 21	1 22	11 13	0 56	11 5	2 21	18 18	0 5	4 39	2 0	32 18	16 0	9 23	8 51	18 49		n.a.
F 4	20 36	2s 2	2 5	24 9	0 21	22 33	0 44	0 4	1 22	11 11	0 56	11 5	2 21	18 19	0 5	4 39	2 0	32 17	15 59	9 24	8 49	18 49		n.a.
S 5	20 48	6 31	0 52	23 59	0 10	22 17	0 58	0n13	1 21	11 9	0 56	11 4	2 21	18 20	0 5	4 40	2 0	32 16	15 59	9 24	8 48	18 49		n.a.
S 6	21 0	10 46	0n26	23 49	0s 2	22 1	1 12	0 30	1 21	11 8	0 55	11 3	2 22	18 21	0 5	4 40	2 0	32 16	15 58	9 24	8 47	18 49		n.a.
M 7	21 11	14 29	1 45	23 37	0 13	21 44	1 26	0 47	1 21	11 6	0 55	11 2	2 22	18 22	0 5	4 41	2 0	32 15	15 58	9 24	8 46	18 50		n.a.
T 8	21 22	17 18	2 57	23 25	0 25	21 27	1 40	1 3	1 21	11 4	0 55	11 2	2 22	18 23	0 5	4 42	2 0	32 14	15 57	9 22	8 45	18 50		n.a.
W 9	21 33	18 54	3 58	23 12	0 38	21 10	1 54	1 20	1 20	11 3	0 55	11 1	2 23	18 24	0 5	4 42	2 0	32 14	15 57	9 21	8 43	18 50		n.a.
T 10	21 43	19 9	4 41	22 59	0 51	20 52	2 8	1 37	1 20	11 1	0 54	11 0	2 23	18 24	0 5	4 43	2 0	32 13	15 57	9 18	8 42	18 50		n.a.
F 11	21 53	18 1	5 5	22 45	1 4	20 34	2 22	1 53	1 20	11 0	0 54	11 0	2 23	18 25	0 5	4 43	2 0	32 12	15 56	9 16	8 41	18 51		n.a.
S 12	22 2	15 43	5 8	22 31	1 17	20 16	2 36	2 10	1 19	10 58	0 54	10 59	2 23	18 26	0 5	4 44	2 0	32 11	15 56	9 14	8 40	18 51		n.a.
S 13	22 11	12 31	4 51	22 17	1 31	19 58	2 50	2 26	1 19	10 57	0 54	10 59	2 24	18 27	0 5	4 45	2 0	32 11	15 55	9 12	8 38	18 51		n.a.
M14	22 20	8 43	4 18	22 2	1 45	19 40	3 4	2 43	1 19	10 56	0 54	10 58	2 24	18 28	0 5	4 45	2 0	32 10	15 55	9 11	8 37	18 51		n.a.
T 15	22 28	4 36	3 31	21 48	1 59	19 22	3 17	2 59	1 19	10 54	0 53	10 58	2 24	18 29	0 5	4 46	2 0	32 9	15 54	9 11	8 36	18 51		n.a.
W16	22 36	0 23	2 35	21 34	2 13	19 4	3 30	3 16	1 18	10 53	0 53	10 57	2 25	18 30	0 5	4 46	2 0	32 8	15 54	9 11	8 35	18 52		n.a.
T 17	22 44	3n45	1 33	21 19	2 27	18 47	3 43	3 32	1 18	10 52	0 53	10 57	2 25	18 31	0 5	4 47	2 0	32 7	15 54	9 12	8 34	18 52		n.a.
F 18	22 51	7 38	0 28	21 5	2 41	18 29	3 55	3 48	1 17	10 51	0 52	10 57	2 25	18 32	0 5	4 47	2 0	32 7	15 53	9 12	8 32	18 52		n.a.
S 19	22 58	11 9	0s37	20 52	2 54	18 13	4 7	4 4	1 17	10 50	0 52	10 56	2 26	18 33	0 5	4 48	2 0	32 6	15 53	9 12	8 31	18 52		n.a.
S 20	23 4	14 9	1 40	20 38	3 8	17 56	4 18	4 20	1 17	10 49	0 52	10 56	2 26	18 34	0 5	4 48	2 0	32 5	15 53	9 11	8 30	18 53		n.a.
M21	23 10	16 33	2 37	20 26	3 21	17 40	4 29	4 36	1 16	10 48	0 52	10 56	2 26	18 34	0 5	4 49	2 0	32 4	15 52	9 10	8 29	18 53		n.a.
T 22	23 16	18 14	3 28	20 14	3 33	17 25	4 39	4 52	1 16	10 47	0 51	10 56	2 26	18 35	0 5	4 49	2 0	32 3	15 52	9 7	8 28	18 53		n.a.
W23	23 21	19 7	4 9	20 3	3 45	17 11	4 48	5 8	1 16	10 46	0 51	10 56	2 27	18 36	0 5	4 49	2 1	32 3	15 51	9 4	8 26	18 53		n.a.
T 24	23 25	19 10	4 40	19 52	3 56	16 57	4 57	5 24	1 15	10 45	0 51	10 56	2 27	18 37	0 5	4 50	2 1	32 2	15 51	9 0	8 25	18 53		n.a.
F 25	23 30	18 23	4 59	19 43	4 6	16 44	5 5	5 39	1 15	10 45	0 51	10 56	2 27	18 38	0 5	4 50	2 1	32 1	15 51	8 56	8 24	18 54		n.a.
S 26	23 34	16 46	5 4	19 35	4 15	16 32	5 13	5 55	1 14	10 44	0 50	10 56	2 28	18 39	0 5	4 51	2 1	32 0	15 50	8 52	8 23	18 54		n.a.
S 27	23 37	14 25	4 56	19 28	4 22	16 21	5 20	6 10	1 14	10 44	0 50	10 56	2 28	18 40	0 5	4 51	2 1	31 59	15 50	8 48	8 22	18 54		n.a.
M28	23 40	11 24	4 35	19 22	4 28	16 10	5 26	6 26	1 14	10 43	0 50	10 56	2 28	18 40	0 5	4 51	2 1	31 58	15 50	8 46	8 20	18 54		n.a.
T 29	23 43	7 50	4 0	19 17	4 33	16 1	5 32	6 41	1 13	10 43	0 50	10 56	2 29	18 41	0 5	4 52	2 1	31 58	15 49	8 44	8 19	18 54		n.a.
W30	23n45	3n51	3s12	19n14	4s36	15n53	5s37	6n56	1s13	10s43	0n49	10s56	2s29	18n42	0s 5	4n52	2s 1	31n57	15n49	8s43	8s18	18n54		n.a.

Julian Day Number = 1267203.5, Delta T = 08h20m37s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'21, Lahiri = -21°07'20 Julian Calendar 1 June 1244 BCE == Greg. Calendar 21 May 1244 BCE

The year -1243 astronomical counting style corresponds to year 1244 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1244 BCE
geocentric

JULY 1244 BCE (-1243) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 50 27	26♊19'01	25♍57	28°R20	4°R16	20♈56	29°R28	8♓11	22♉53	16♈52	14♌ 0	22°D 0	20♎52	16♊27	n.a.	T 1
F 2	17 54 24	27°16'33	9♎20	27♊32	4♊ 2	21°35	29♎27	8°R11	22°56	16°53	14° 2	22♎ 0	20°49	16°34	n.a.	F 2
S 3	17 58 20	28°14'05	23° 7	26°44	3°50	22°13	29°26	8°11	22°59	16°54	14° 4	22°R 0	20°46	16°40	n.a.	S 3
S 4	18 2 17	29°11'39	7♏21	25°59	3°41	22°52	29°25	8°11	23° 2	16°55	14° 5	21°59	20°43	16°47	n.a.	S 4
M 5	18 6 13	0♋ 9'14	22° 0	25°15	3°34	23°30	29°24	8°11	23° 5	16°56	14° 7	21°57	20°40	16°54	n.a.	M 5
T 6	18 10 10	1° 6'50	6♐59	24°35	3°30	24° 8	29°24	8°11	23° 8	16°57	14° 9	21°51	20°36	17° 0	n.a.	T 6
W 7	18 14 7	2° 4'27	22°12	23°59	3°D27	24°46	29°23	8°10	23°11	16°57	14°11	21°43	20°33	17° 7	n.a.	W 7
T 8	18 18 3	3° 2'06	7♑28	23°28	3°28	25°24	29°D23	8°10	23°14	16°58	14°12	21°34	20°30	17°14	n.a.	T 8
F 9	18 22 0	3°59'47	22°37	23° 3	3°30	26° 1	29°23	8° 9	23°17	16°59	14°14	21°23	20°27	17°21	n.a.	F 9
S 10	18 25 56	4°57'29	7♒28	22°44	3°35	26°39	29°24	8° 8	23°20	17° 0	14°16	21°14	20°24	17°27	n.a.	S 10
S 11	18 29 53	5°55'12	21°53	22°32	3°42	27°16	29°24	8° 7	23°23	17° 1	14°18	21° 6	20°20	17°34	n.a.	S 11
M12	18 33 49	6°52'58	5♓49	22°D27	3°51	27°54	29°25	8° 6	23°26	17° 1	14°20	21° 0	20°17	17°41	n.a.	M12
T 13	18 37 46	7°50'45	19°15	22°29	4° 2	28°31	29°26	8° 5	23°28	17° 2	14°22	20°57	20°14	17°47	n.a.	T 13
W14	18 41 42	8°48'34	2♈13	22°39	4°16	29° 8	29°27	8° 4	23°31	17° 3	14°24	20°56	20°11	17°54	n.a.	W14
T 15	18 45 39	9°46'25	14°48	22°56	4°31	29°45	29°28	8° 3	23°34	17° 3	14°26	20°56	20° 8	18° 1	n.a.	T 15
F 16	18 49 36	10°44'18	27° 5	23°22	4°48	0♉22	29°29	8° 1	23°37	17° 4	14°28	20°56	20° 5	18° 7	n.a.	F 16
S 17	18 53 32	11°42'13	9♉ 7	23°55	5° 8	0°59	29°31	8° 0	23°39	17° 4	14°30	20°55	20° 1	18°14	n.a.	S 17
S 18	18 57 29	12°40'10	21° 1	24°36	5°29	1°35	29°32	7°58	23°42	17° 5	14°31	20°52	19°58	18°21	n.a.	S 18
M19	19 1 25	13°38'09	2♊51	25°24	5°51	2°12	29°34	7°57	23°45	17° 5	14°33	20°46	19°55	18°28	n.a.	M19
T 20	19 5 22	14°36'10	14°40	26°19	6°16	2°48	29°36	7°55	23°47	17° 6	14°36	20°37	19°52	18°34	n.a.	T 20
W21	19 9 18	15°34'13	26°32	27°22	6°42	3°24	29°39	7°53	23°50	17° 6	14°38	20°26	19°49	18°41	n.a.	W21
T 22	19 13 15	16°32'18	8♋28	28°31	7°10	4° 0	29°41	7°51	23°52	17° 6	14°40	20°13	19°46	18°48	n.a.	T 22
F 23	19 17 11	17°30'25	20°29	29°46	7°39	4°36	29°44	7°49	23°55	17° 7	14°42	19°59	19°42	18°54	n.a.	F 23
S 24	19 21 8	18°28'33	2♌38	1♋ 7	8°10	5°11	29°47	7°47	23°57	17° 7	14°44	19°45	19°39	19° 1	n.a.	S 24
S 25	19 25 5	19°26'43	14°55	2°33	8°42	5°47	29°50	7°44	24° 0	17° 7	14°46	19°32	19°36	19° 8	n.a.	S 25
M26	19 29 1	20°24'55	27°21	4° 4	9°16	6°22	29°53	7°42	24° 2	17° 8	14°48	19°22	19°33	19°14	n.a.	M26
T 27	19 32 58	21°23'09	9♍58	5°40	9°51	6°57	29°56	7°40	24° 4	17° 8	14°50	19°15	19°30	19°21	n.a.	T 27
W28	19 36 54	22°21'24	22°46	7°19	10°27	7°32	29°59	7°37	24° 7	17° 8	14°52	19°11	19°26	19°28	n.a.	W28
T 29	19 40 51	23°19'41	5♎50	9° 2	11° 4	8° 7	0♏ 3	7°34	24° 9	17° 8	14°54	19° 9	19°23	19°35	n.a.	T 29
F 30	19 44 47	24°18'00	19°10	10°48	11°43	8°42	0° 7	7°32	24°11	17° 8	14°56	19° 9	19°20	19°41	n.a.	F 30
S 31	19 48 44	25♋16'21	2♏51	12♋35	12♊22	9♉16	0♏11	7♓29	24♉13	17♈ 8	14♌59	19♎ 9	19♎17	19♊48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n47	0s25	2s14	19n13	4s37	15n45	5s42	7n12	1s12	10s42	0n49	10s56	2s29	18n43	0s 5	4n53	2s 1	31n56	15n49	8s42	8s17	18n55			n.a.
F 2	23 49	4 47	1 7	19 13	4 36	15 39	5 45	7 27	1 12	10 42	0 49	10 56	2 29	18 44	0 5	4 53	2 1	31 55	15 48	8 42	8 16	18 55			n.a.
S 3	23 50	9 2	0n 6	19 14	4 34	15 34	5 49	7 42	1 11	10 42	0 49	10 57	2 30	18 45	0 5	4 53	2 1	31 54	15 48	8 43	8 14	18 55			n.a.
S 4	23 50	12 55	1 21	19 17	4 30	15 29	5 51	7 57	1 11	10 42	0 48	10 57	2 30	18 45	0 5	4 53	2 1	31 53	15 48	8 42	8 13	18 55			n.a.
M 5	23 50	16 7	2 32	19 22	4 24	15 26	5 54	8 11	1 10	10 42	0 48	10 57	2 30	18 46	0 5	4 54	2 1	31 53	15 47	8 41	8 12	18 55			n.a.
T 6	23 50	18 18	3 35	19 28	4 16	15 23	5 55	8 26	1 10	10 42	0 48	10 58	2 31	18 47	0 5	4 54	2 1	31 52	15 47	8 39	8 11	18 55			n.a.
W 7	23 49	19 13	4 23	19 36	4 6	15 22	5 57	8 41	1 9	10 42	0 48	10 58	2 31	18 48	0 5	4 54	2 1	31 51	15 47	8 36	8 9	18 56			n.a.
T 8	23 48	18 45	4 53	19 45	3 56	15 21	5 57	8 55	1 9	10 42	0 47	10 59	2 31	18 49	0 5	4 55	2 1	31 50	15 47	8 33	8 8	18 56			n.a.
F 9	23 47	16 57	5 2	19 56	3 43	15 21	5 58	9 10	1 8	10 43	0 47	10 59	2 32	18 49	0 5	4 55	2 2	31 49	15 46	8 29	8 7	18 56			n.a.
S 10	23 45	14 2	4 50	20 8	3 30	15 22	5 58	9 24	1 8	10 43	0 47	11 0	2 32	18 50	0 5	4 55	2 2	31 48	15 46	8 25	8 6	18 56			n.a.
S 11	23 42	10 21	4 20	20 22	3 16	15 24	5 57	9 38	1 7	10 43	0 46	11 0	2 32	18 51	0 5	4 55	2 2	31 48	15 46	8 22	8 5	18 56			n.a.
M12	23 39	6 12	3 35	20 37	3 1	15 27	5 56	9 52	1 6	10 44	0 46	11 1	2 32	18 51	0 5	4 56	2 2	31 47	15 45	8 20	8 3	18 56			n.a.
T 13	23 36	1 53	2 40	20 53	2 45	15 30	5 55	10 6	1 6	10 44	0 46	11 2	2 33	18 52	0 5	4 56	2 2	31 46	15 45	8 19	8 2	18 56			n.a.
W14	23 32	2n23	1 38	21 9	2 29	15 34	5 53	10 20	1 5	10 45	0 46	11 2	2 33	18 53	0 5	4 56	2 2	31 45	15 45	8 18	8 1	18 57			n.a.
T 15	23 28	6 26	0 32	21 27	2 12	15 38	5 51	10 34	1 5	10 46	0 45	11 3	2 33	18 54	0 5	4 56	2 2	31 44	15 45	8 18	8 0	18 57			n.a.
F 16	23 24	10 6	0s33	21 45	1 55	15 44	5 49	10 47	1 4	10 46	0 45	11 4	2 34	18 54	0 5	4 56	2 2	31 43	15 44	8 18	7 59	18 57			n.a.
S 17	23 19	13 17	1 35	22 3	1 39	15 49	5 47	11 1	1 4	10 47	0 45	11 5	2 34	18 55	0 5	4 56	2 2	31 43	15 44	8 18	7 57	18 57			n.a.
S 18	23 13	15 52	2 32	22 22	1 22	15 56	5 44	11 14	1 3	10 48	0 45	11 6	2 34	18 56	0 5	4 57	2 2	31 42	15 44	8 16	7 56	18 57			n.a.
M19	23 8	17 46	3 22	22 40	1 6	16 3	5 41	11 28	1 2	10 49	0 44	11 7	2 34	18 56	0 5	4 57	2 2	31 41	15 44	8 14	7 55	18 57			n.a.
T 20	23 1	18 54	4 4	22 58	0 50	16 10	5 38	11 41	1 2	10 50	0 44	11 8	2 35	18 57	0 5	4 57	2 2	31 40	15 44	8 11	7 54	18 57			n.a.
W21	22 55	19 13	4 35	23 15	0 34	16 18	5 35	11 54	1 1	10 51	0 44	11 9	2 35	18 58	0 5	4 57	2 2	31 39	15 43	8 7	7 52	18 57			n.a.
T 22	22 48	18 41	4 54	23 31	0 19	16 26	5 31	12 7	1 0	10 52	0 44	11 10	2 35	18 58	0 5	4 57	2 2	31 38	15 43	8 2	7 51	18 57			n.a.
F 23	22 40	17 19	5 0	23 46	0 5	16 34	5 27	12 20	1 0	10 53	0 43	11 11	2 36	18 59	0 5	4 57	2 2	31 37	15 43	7 56	7 50	18 58			n.a.
S 24	22 32	15 9	4 52	23 59	0n 9	16 43	5 23	12 33	0 59	10 55	0 43	11 12	2 36	19 0	0 5	4 57	2 3	31 37	15 43	7 51	7 49	18 58			n.a.
S 25	22 24	12 18	4 31	24 11	0 22	16 52	5 19	12 45	0 58	10 56	0 43	11 13	2 36	19 0	0 5	4 57	2 3	31 36	15 43	7 46	7 48	18 58			n.a.
M26	22 16	8 53	3 57	24 21	0 34	17 2	5 15	12 58	0 58	10 57	0 43	11 14	2 36	19 1	0 5	4 57	2 3	31 35	15 43	7 42	7 46	18 58			n.a.
T 27	22 6	5 1	3 11	24 28	0 45	17 11	5 10	13 10	0 57	10 59	0 42	11 15	2 37	19 1	0 5	4 57	2 3	31 34	15 42	7 40	7 45	18 58			n.a.
W28	21 57	0 52	2 15	24 33	0 55	17 21	5 6	13 22	0 56	11 0	0 42	11 16	2 37	19 2	0 5	4 57	2 3	31 33	15 42	7 38	7 44	18 58			n.a.
T 29	21 47	3s25	1 10	24 36	1 5	17 31	5 1	13 34	0 56	11 2	0 42	11 18	2 37	19 3	0 5	4 57	2 3	31 33	15 42	7 37	7 43	18 58			n.a.
F 30	21 37	7 38	0n 0	24 36	1 13	17 41	4 56	13 46	0 55	11 3	0 42	11 19	2 37	19 3	0 5	4 57	2 3	31 32	15 42	7 37	7 41	18 58			n.a.
S 31	21n26	11s32	1n12	24n34	1n21	17n51	4s51	13n58	0s54	11s 5	0n41	11s20	2s38	19n 4	0s 5	4n57	2s 3	31n31	15n42	7s37	7s40	18n58			n.a.

Julian Day Number = 1267233.5, Delta T = 08h20m35s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'16, Lahiri = -21°07'16 Julian Calendar 1 July 1244 BCE == Greg. Calendar 20 June 1244 BCE

The year -1243 astronomical counting style corresponds to year 1244 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1244 BCE
geocentric

AUGUST 1244 BCE (-1243) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 52 40	26♋14'43	16♏52	14♋25	13♊ 3	9♉51	0♏16	7°R26	24♉15	17♈ 8	15♎ 1	19°R 8	19♎14	19♊55	n.a.	S 1
M 2	19 56 37	27°13'07	1♐16	16°17	13°45	10°25	0°20	7♓23	24°17	17°R 8	15° 3	19♎ 5	19°11	20° 1	n.a.	M 2
T 3	20 0 33	28°11'32	15°58	18° 9	14°28	10°59	0°25	7°20	24°19	17° 8	15° 5	18°59	19° 7	20° 8	n.a.	T 3
W 4	20 4 30	29°10'00	0♑54	20° 3	15°12	11°33	0°29	7°16	24°21	17° 8	15° 7	18°51	19° 4	20°15	n.a.	W 4
T 5	20 8 27	0♎ 8'29	15°56	21°57	15°56	12° 6	0°34	7°13	24°23	17° 8	15°10	18°40	19° 1	20°22	n.a.	T 5
F 6	20 12 23	1° 7'00	0♒55	23°51	16°42	12°40	0°39	7°10	24°25	17° 8	15°12	18°29	18°58	20°28	n.a.	F 6
S 7	20 16 20	2° 5'34	15°40	25°45	17°29	13°13	0°45	7° 6	24°27	17° 8	15°14	18°19	18°55	20°35	n.a.	S 7
S 8	20 20 16	3° 4'09	0♓ 4	27°39	18°16	13°46	0°50	7° 3	24°29	17° 8	15°16	18°10	18°52	20°42	n.a.	S 8
M 9	20 24 13	4° 2'47	14° 2	29°32	19° 5	14°19	0°56	6°59	24°31	17° 8	15°18	18° 3	18°48	20°48	n.a.	M 9
T 10	20 28 9	5° 1'27	27°32	1♎25	19°54	14°52	1° 1	6°56	24°32	17° 7	15°21	18° 0	18°45	20°55	n.a.	T 10
W11	20 32 6	6° 0'09	10♈34	3°17	20°44	15°24	1° 7	6°52	24°34	17° 7	15°23	17°58	18°42	21° 2	n.a.	W11
T 12	20 36 2	6°58'54	23°13	5° 9	21°34	15°57	1°13	6°48	24°36	17° 7	15°25	17°D58	18°39	21° 8	n.a.	T 12
F 13	20 39 59	7°57'41	5♉31	7° 0	22°26	16°29	1°19	6°44	24°37	17° 6	15°27	17°R58	18°36	21°15	n.a.	F 13
S 14	20 43 55	8°56'31	17°35	8°50	23°18	17° 1	1°26	6°40	24°39	17° 6	15°30	17°58	18°32	21°22	n.a.	S 14
S 15	20 47 52	9°55'23	29°29	10°39	24°11	17°33	1°32	6°36	24°40	17° 6	15°32	17°56	18°29	21°29	n.a.	S 15
M16	20 51 49	10°54'17	11♊19	12°28	25° 4	18° 4	1°39	6°32	24°42	17° 5	15°34	17°52	18°26	21°35	n.a.	M16
T 17	20 55 45	11°53'14	23°10	14°15	25°58	18°35	1°46	6°28	24°43	17° 5	15°36	17°45	18°23	21°42	n.a.	T 17
W18	20 59 42	12°52'13	5♋ 5	16° 2	26°53	19° 6	1°53	6°24	24°44	17° 4	15°39	17°36	18°20	21°49	n.a.	W18
T 19	21 3 38	13°51'15	17° 6	17°47	27°48	19°37	2° 0	6°20	24°46	17° 4	15°41	17°25	18°17	21°55	n.a.	T 19
F 20	21 7 35	14°50'19	29°17	19°32	28°44	20° 8	2° 7	6°15	24°47	17° 3	15°43	17°13	18°13	22° 2	n.a.	F 20
S 21	21 11 31	15°49'25	11♎38	21°16	29°40	20°38	2°14	6°11	24°48	17° 2	15°46	17° 1	18°10	22° 9	n.a.	S 21
S 22	21 15 28	16°48'33	24°10	22°58	0♋37	21° 8	2°22	6° 7	24°49	17° 2	15°48	16°51	18° 7	22°16	n.a.	S 22
M23	21 19 24	17°47'43	6♍53	24°40	1°34	21°38	2°29	6° 2	24°50	17° 1	15°50	16°42	18° 4	22°22	n.a.	M23
T 24	21 23 21	18°46'56	19°47	26°21	2°32	22° 8	2°37	5°58	24°51	17° 0	15°52	16°37	18° 1	22°29	n.a.	T 24
W25	21 27 18	19°46'10	2♎52	28° 2	3°31	22°37	2°45	5°53	24°52	17° 0	15°55	16°34	17°57	22°36	n.a.	W25
T 26	21 31 14	20°45'27	16° 9	29°41	4°29	23° 6	2°53	5°49	24°53	16°59	15°57	16°D33	17°54	22°42	n.a.	T 26
F 27	21 35 11	21°44'46	29°38	1♍20	5°29	23°35	3° 1	5°44	24°54	16°58	15°59	16°33	17°51	22°49	n.a.	F 27
S 28	21 39 7	22°44'06	13♏21	2°57	6°28	24° 3	3°10	5°39	24°55	16°57	16° 1	16°34	17°48	22°56	n.a.	S 28
S 29	21 43 4	23°43'28	27°18	4°34	7°29	24°32	3°18	5°35	24°56	16°56	16° 4	16°R34	17°45	23° 3	n.a.	S 29
M30	21 47 0	24°42'53	11♐28	6°10	8°29	24°59	3°27	5°30	24°56	16°56	16° 6	16°33	17°42	23° 9	n.a.	M30
T 31	21 50 57	25♎42'19	25♐52	7♍46	9♋30	25♉27	3♏36	5♓25	24♉57	16♈55	16♎ 8	16♎30	17♎38	23♊16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	21n15	14s54	2n21	24n29	1n27	18n 1	4s46	14n10	0s53	11s 7	0n41	11s22	2s38	19n 4	0s 5	4n57	2s 3	31n30	15n42	7s37	7s39	18n58			n.a.
M 2	21 4	17 27	3 23	24 22	1 33	18 11	4 41	14 22	0 52	11 9	0 41	11 23	2 38	19 5	0 5	4 57	2 3	31 29	15 42	7 35	7 38	18 58			n.a.
T 3	20 52	18 54	4 13	24 12	1 37	18 21	4 36	14 33	0 52	11 10	0 41	11 24	2 38	19 5	0 5	4 57	2 3	31 28	15 41	7 33	7 37	18 58			n.a.
W 4	20 40	19 4	4 47	23 59	1 41	18 31	4 30	14 45	0 51	11 12	0 40	11 26	2 39	19 6	0 5	4 57	2 3	31 28	15 41	7 30	7 35	18 59			n.a.
T 5	20 28	17 54	5 1	23 44	1 44	18 41	4 25	14 56	0 50	11 14	0 40	11 27	2 39	19 6	0 5	4 57	2 3	31 27	15 41	7 26	7 34	18 59			n.a.
F 6	20 15	15 30	4 54	23 27	1 47	18 52	4 20	15 7	0 49	11 16	0 40	11 29	2 39	19 7	0 5	4 57	2 3	31 26	15 41	7 22	7 33	18 59			n.a.
S 7	20 1	12 9	4 28	23 7	1 48	19 1	4 14	15 18	0 49	11 18	0 40	11 30	2 39	19 7	0 5	4 57	2 3	31 25	15 41	7 18	7 32	18 59			n.a.
S 8	19 48	8 8	3 45	22 46	1 49	19 11	4 8	15 29	0 48	11 21	0 39	11 32	2 39	19 8	0 5	4 56	2 4	31 25	15 41	7 14	7 30	18 59			n.a.
M 9	19 34	3 47	2 50	22 22	1 49	19 21	4 3	15 40	0 47	11 23	0 39	11 33	2 40	19 8	0 5	4 56	2 4	31 24	15 41	7 12	7 29	18 59			n.a.
T 10	19 20	0n37	1 46	21 57	1 49	19 30	3 57	15 50	0 46	11 25	0 39	11 35	2 40	19 8	0 5	4 56	2 4	31 23	15 41	7 10	7 28	18 59			n.a.
W11	19 5	4 51	0 39	21 29	1 48	19 40	3 51	16 1	0 45	11 27	0 39	11 36	2 40	19 9	0 5	4 56	2 4	31 22	15 41	7 10	7 27	18 59			n.a.
T 12	18 50	8 44	0s28	21 1	1 46	19 49	3 46	16 11	0 44	11 30	0 38	11 38	2 40	19 9	0 5	4 56	2 4	31 21	15 41	7 10	7 25	18 59			n.a.
F 13	18 35	12 8	1 32	20 30	1 44	19 58	3 40	16 21	0 43	11 32	0 38	11 40	2 40	19 10	0 5	4 56	2 4	31 21	15 41	7 10	7 24	18 59			n.a.
S 14	18 19	14 57	2 31	19 59	1 42	20 6	3 34	16 31	0 42	11 34	0 38	11 41	2 41	19 10	0 5	4 55	2 4	31 20	15 41	7 10	7 23	18 59			n.a.
S 15	18 3	17 5	3 22	19 26	1 39	20 15	3 28	16 41	0 42	11 37	0 38	11 43	2 41	19 10	0 5	4 55	2 4	31 19	15 41	7 9	7 22	18 59			n.a.
M16	17 47	18 29	4 4	18 52	1 35	20 23	3 22	16 51	0 41	11 39	0 38	11 45	2 41	19 11	0 5	4 55	2 4	31 18	15 41	7 7	7 21	18 59			n.a.
T 17	17 31	19 4	4 36	18 17	1 31	20 30	3 16	17 1	0 40	11 42	0 37	11 46	2 41	19 11	0 5	4 55	2 4	31 18	15 41	7 5	7 19	18 59			n.a.
W18	17 14	18 49	4 56	17 41	1 27	20 38	3 11	17 10	0 39	11 45	0 37	11 48	2 41	19 11	0 5	4 54	2 4	31 17	15 41	7 1	7 18	18 59			n.a.
T 19	16 57	17 43	5 3	17 4	1 23	20 45	3 5	17 20	0 38	11 47	0 37	11 50	2 41	19 12	0 5	4 54	2 4	31 16	15 41	6 57	7 17	18 59			n.a.
F 20	16 39	15 49	4 56	16 27	1 18	20 51	2 59	17 29	0 37	11 50	0 37	11 52	2 42	19 12	0 5	4 54	2 4	31 16	15 41	6 52	7 16	18 59			n.a.
S 21	16 22	13 10	4 36	15 48	1 13	20 58	2 53	17 38	0 36	11 53	0 36	11 53	2 42	19 12	0 5	4 54	2 4	31 15	15 41	6 48	7 14	18 59			n.a.
S 22	16 4	9 53	4 2	15 9	1 8	21 3	2 47	17 47	0 35	11 56	0 36	11 55	2 42	19 13	0 5	4 53	2 4	31 14	15 41	6 44	7 13	18 59			n.a.
M23	15 45	6 7	3 15	14 30	1 2	21 9	2 41	17 56	0 34	11 59	0 36	11 57	2 42	19 13	0 5	4 53	2 4	31 14	15 41	6 40	7 12	18 59			n.a.
T 24	15 27	2 0	2 18	13 50	0 57	21 14	2 35	18 5	0 33	12 2	0 36	11 59	2 42	19 13	0 5	4 53	2 5	31 13	15 41	6 38	7 11	18 59			n.a.
W25	15 8	2s16	1 13	13 9	0 51	21 18	2 29	18 13	0 32	12 4	0 36	12 1	2 42	19 13	0 5	4 52	2 5	31 12	15 41	6 37	7 10	18 59			n.a.
T 26	14 49	6 29	0 2	12 28	0 45	21 23	2 23	18 22	0 31	12 7	0 35	12 3	2 42	19 14	0 5	4 52	2 5	31 11	15 41	6 37	7 8	18 59			n.a.
F 27	14 30	10 27	1n10	11 47	0 39	21 26	2 17	18 30	0 30	12 10	0 35	12 4	2 43	19 14	0 5	4 52	2 5	31 11	15 41	6 37	7 7	18 59			n.a.
S 28	14 10	13 54	2 19	11 5	0 32	21 29	2 12	18 38	0 28	12 14	0 35	12 6	2 43	19 14	0 5	4 51	2 5	31 10	15 42	6 37	7 6	18 59			n.a.
S 29	13 50	16 37	3 21	10 24	0 26	21 32	2 6	18 47	0 27	12 17	0 35	12 8	2 43	19 14	0 5	4 51	2 5	31 10	15 42	6 37	7 5	18 59			n.a.
M30	13 30	18 23	4 12	9 42	0 19	21 34	2 0	18 55	0 26	12 20	0 35	12 10	2 43	19 15	0 5	4 50	2 5	31 9	15 42	6 37	7 3	18 59			n.a.
T 31	13n10	18s59	4n48	9n 0	0n13	21n36	1s54	19n 2	0s25	12s23	0n34	12s12	2s43	19n15	0s 5	4n50	2s 5	31n 8	15n42	6s35	7s 2	18n59			n.a.

Julian Day Number = 1267264.5, Delta T = 08h20m33s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'12, Lahiri = -21°07'12 Julian Calendar 1 Aug. 1244 BCE == Greg. Calendar 21 July 1244 BCE

The year -1243 astronomical counting style corresponds to year 1244 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1244 BCE
geocentric

SEPTEMBER 1244 BCE (-1243) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 54 53	26♌41'47	10♉24	9♍20	10♋31	25♉55	3♏44	5°R21	24♉58	16°R54	16♌11	16°R24	17♎35	23♊23	n.a.	W 1
T 2	21 58 50	27°41'17	25° 1	10°54	11°33	26°22	3°53	5♓16	24°58	16♈53	16°13	16♎17	17°32	23°29	n.a.	T 2
F 3	22 2 46	28°40'49	9♒36	12°27	12°35	26°48	4° 2	5°11	24°59	16°52	16°15	16°10	17°29	23°36	n.a.	F 3
S 4	22 6 43	29°40'23	24° 1	14° 0	13°38	27°15	4°12	5° 6	24°59	16°51	16°17	16° 2	17°26	23°43	n.a.	S 4
S 5	22 10 40	0♍39'59	8♓10	15°31	14°40	27°41	4°21	5° 1	25° 0	16°50	16°19	15°56	17°23	23°50	n.a.	S 5
M 6	22 14 36	1°39'38	21°59	17° 2	15°44	28° 7	4°30	4°57	25° 0	16°49	16°22	15°51	17°19	23°56	n.a.	M 6
T 7	22 18 33	2°39'18	5♈25	18°33	16°47	28°33	4°40	4°52	25° 0	16°47	16°24	15°49	17°16	24° 3	n.a.	T 7
W 8	22 22 29	3°39'01	18°27	20° 2	17°51	28°58	4°50	4°47	25° 1	16°46	16°26	15°D48	17°13	24°10	n.a.	W 8
T 9	22 26 26	4°38'47	1♉ 7	21°31	18°55	29°23	4°59	4°42	25° 1	16°45	16°28	15°49	17°10	24°16	n.a.	T 9
F 10	22 30 22	5°38'34	13°28	22°59	19°59	29°47	5° 9	4°37	25° 1	16°44	16°30	15°51	17° 7	24°23	n.a.	F 10
S 11	22 34 19	6°38'24	25°34	24°27	21° 4	0♊11	5°19	4°32	25° 1	16°43	16°33	15°52	17° 3	24°30	n.a.	S 11
S 12	22 38 15	7°38'17	7♊31	25°53	22° 9	0°35	5°29	4°28	25°R 1	16°42	16°35	15°R53	17° 0	24°37	n.a.	S 12
M13	22 42 12	8°38'12	19°22	27°19	23°15	0°58	5°40	4°23	25° 1	16°40	16°37	15°52	16°57	24°43	n.a.	M13
T 14	22 46 8	9°38'09	1♋15	28°45	24°20	1°22	5°50	4°18	25° 1	16°39	16°39	15°50	16°54	24°50	n.a.	T 14
W15	22 50 5	10°38'08	13°11	0♎ 9	25°26	1°44	6° 0	4°13	25° 1	16°38	16°41	15°46	16°51	24°57	n.a.	W15
T 16	22 54 2	11°38'10	25°17	1°32	26°32	2° 6	6°11	4° 8	25° 0	16°36	16°43	15°41	16°48	25° 3	n.a.	T 16
F 17	22 57 58	12°38'14	7♌35	2°55	27°39	2°28	6°22	4° 3	25° 0	16°35	16°45	15°35	16°44	25°10	n.a.	F 17
S 18	23 1 55	13°38'21	20° 6	4°17	28°45	2°50	6°32	3°59	25° 0	16°34	16°48	15°29	16°41	25°17	n.a.	S 18
S 19	23 5 51	14°38'29	2♍53	5°38	29°52	3°11	6°43	3°54	25° 0	16°32	16°50	15°24	16°38	25°24	n.a.	S 19
M20	23 9 48	15°38'39	15°55	6°57	0♌59	3°31	6°54	3°49	24°59	16°31	16°52	15°20	16°35	25°30	n.a.	M20
T 21	23 13 44	16°38'52	29°11	8°16	2° 7	3°51	7° 5	3°45	24°59	16°30	16°54	15°17	16°32	25°37	n.a.	T 21
W22	23 17 41	17°39'06	12♎40	9°33	3°14	4°11	7°16	3°40	24°58	16°28	16°56	15°D16	16°28	25°44	n.a.	W22
T 23	23 21 37	18°39'22	26°21	10°49	4°22	4°30	7°27	3°35	24°58	16°27	16°58	15°17	16°25	25°50	n.a.	T 23
F 24	23 25 34	19°39'40	10♏12	12° 3	5°30	4°49	7°39	3°31	24°57	16°25	17° 0	15°18	16°22	25°57	n.a.	F 24
S 25	23 29 30	20°39'59	24°10	13°16	6°38	5° 7	7°50	3°26	24°56	16°24	17° 2	15°20	16°19	26° 4	n.a.	S 25
S 26	23 33 27	21°40'21	8♐14	14°26	7°46	5°25	8° 1	3°22	24°56	16°22	17° 4	15°21	16°16	26°11	n.a.	S 26
M27	23 37 24	22°40'44	22°24	15°35	8°55	5°42	8°13	3°17	24°55	16°21	17° 6	15°R21	16°13	26°17	n.a.	M27
T 28	23 41 20	23°41'08	6♑36	16°41	10° 4	5°59	8°25	3°13	24°54	16°19	17° 8	15°21	16° 9	26°24	n.a.	T 28
W29	23 45 17	24°41'34	20°48	17°45	11°13	6°15	8°36	3° 9	24°53	16°18	17°10	15°19	16° 6	26°31	n.a.	W29
T 30	23 49 13	25♍42'01	4♒59	18♎46	12♌22	6♊31	8♏48	3♓ 4	24♉52	16♈16	17♌11	15♎17	16♎ 3	26♊37	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n49	18s21	5n 6	8n17	0n 6	21n37	1s48	19n10	0s24	12s26	0n34	12s14	2s43	19n15	0s 5	4n50	2s 5	31n 8	15n42	6s33	7s 1	18n59		n.a.
T 2	12 29	16 30	5 4	7 35	0s 1	21 37	1 43	19 18	0 23	12 30	0 34	12 16	2 43	19 15	0 5	4 49	2 5	31 7	15 42	6 31	7 0	18 59		n.a.
F 3	12 8	13 37	4 42	6 53	0 8	21 37	1 37	19 25	0 22	12 33	0 34	12 17	2 43	19 15	0 5	4 49	2 5	31 6	15 42	6 28	6 58	18 59		n.a.
S 4	11 47	9 55	4 3	6 10	0 15	21 37	1 31	19 33	0 20	12 36	0 34	12 19	2 43	19 15	0 5	4 48	2 5	31 6	15 42	6 25	6 57	18 59		n.a.
S 5	11 25	5 43	3 9	5 28	0 22	21 36	1 26	19 40	0 19	12 40	0 33	12 21	2 43	19 15	0 5	4 48	2 5	31 5	15 43	6 22	6 56	18 59		n.a.
M 6	11 4	1 19	2 5	4 46	0 29	21 34	1 20	19 47	0 18	12 43	0 33	12 23	2 43	19 15	0 5	4 47	2 5	31 5	15 43	6 20	6 55	18 59		n.a.
T 7	10 42	3n 2	0 56	4 3	0 36	21 32	1 15	19 54	0 17	12 46	0 33	12 25	2 43	19 15	0 5	4 47	2 5	31 4	15 43	6 19	6 53	18 59		n.a.
W 8	10 20	7 8	0s14	3 21	0 43	21 29	1 9	20 1	0 15	12 50	0 33	12 27	2 44	19 16	0 5	4 46	2 5	31 4	15 43	6 19	6 52	18 59		n.a.
T 9	9 58	10 46	1 22	2 39	0 50	21 26	1 4	20 8	0 14	12 53	0 33	12 29	2 44	19 16	0 5	4 46	2 5	31 3	15 43	6 20	6 51	18 59		n.a.
F 10	9 36	13 51	2 25	1 58	0 57	21 22	0 58	20 14	0 13	12 57	0 32	12 30	2 44	19 16	0 5	4 45	2 5	31 3	15 44	6 20	6 50	18 58		n.a.
S 11	9 13	16 15	3 19	1 16	1 4	21 17	0 53	20 21	0 11	13 0	0 32	12 32	2 44	19 16	0 5	4 45	2 5	31 2	15 44	6 21	6 49	18 58		n.a.
S 12	8 51	17 55	4 4	0 35	1 11	21 12	0 48	20 27	0 10	13 4	0 32	12 34	2 44	19 16	0 5	4 44	2 6	31 2	15 44	6 21	6 47	18 58		n.a.
M13	8 28	18 46	4 39	0s 6	1 17	21 6	0 43	20 33	0 9	13 8	0 32	12 36	2 44	19 16	0 5	4 44	2 6	31 1	15 44	6 21	6 46	18 58		n.a.
T 14	8 5	18 49	5 1	0 46	1 24	21 0	0 37	20 40	0 7	13 11	0 32	12 38	2 44	19 16	0 5	4 43	2 6	31 1	15 44	6 20	6 45	18 58		n.a.
W15	7 42	18 1	5 11	1 27	1 31	20 53	0 32	20 46	0 6	13 15	0 32	12 39	2 44	19 16	0 5	4 43	2 6	31 0	15 45	6 18	6 44	18 58		n.a.
T 16	7 19	16 24	5 7	2 6	1 37	20 45	0 27	20 51	0 4	13 19	0 31	12 41	2 44	19 16	0 5	4 42	2 6	31 0	15 45	6 16	6 42	18 58		n.a.
F 17	6 56	14 2	4 49	2 46	1 44	20 37	0 22	20 57	0 3	13 22	0 31	12 43	2 44	19 16	0 5	4 42	2 6	30 59	15 45	6 14	6 41	18 58		n.a.
S 18	6 32	10 58	4 17	3 24	1 50	20 28	0 17	21 3	0 1	13 26	0 31	12 45	2 44	19 15	0 5	4 41	2 6	30 59	15 45	6 12	6 40	18 58		n.a.
S 19	6 9	7 20	3 31	4 2	1 56	20 19	0 13	21 9	0n 0	13 30	0 31	12 46	2 44	19 15	0 5	4 41	2 6	30 58	15 46	6 10	6 39	18 58		n.a.
M20	5 45	3 17	2 34	4 40	2 2	20 9	0 8	21 14	0 2	13 34	0 31	12 48	2 44	19 15	0 5	4 40	2 6	30 58	15 46	6 8	6 37	18 58		n.a.
T 21	5 21	1s 0	1 27	5 17	2 7	19 58	0 3	21 20	0 3	13 38	0 30	12 50	2 44	19 15	0 5	4 39	2 6	30 57	15 46	6 7	6 36	18 58		n.a.
W22	4 58	5 18	0 14	5 52	2 13	19 47	0n 1	21 25	0 5	13 41	0 30	12 52	2 43	19 15	0 5	4 39	2 6	30 57	15 47	6 7	6 35	18 58		n.a.
T 23	4 34	9 24	1n 1	6 28	2 18	19 35	0 6	21 30	0 6	13 45	0 30	12 53	2 43	19 15	0 5	4 38	2 6	30 57	15 47	6 7	6 34	18 57		n.a.
F 24	4 10	13 1	2 13	7 2	2 23	19 23	0 10	21 35	0 8	13 49	0 30	12 55	2 43	19 15	0 5	4 38	2 6	30 56	15 47	6 7	6 32	18 57		n.a.
S 25	3 46	15 56	3 18	7 35	2 28	19 10	0 15	21 40	0 10	13 53	0 30	12 57	2 43	19 15	0 5	4 37	2 6	30 56	15 48	6 8	6 31	18 57		n.a.
S 26	3 21	17 55	4 11	8 7	2 32	18 56	0 19	21 45	0 11	13 57	0 30	12 58	2 43	19 14	0 5	4 36	2 6	30 56	15 48	6 8	6 30	18 57		n.a.
M27	2 57	18 47	4 50	8 37	2 36	18 42	0 23	21 50	0 13	14 1	0 29	13 0	2 43	19 14	0 5	4 36	2 6	30 55	15 48	6 9	6 29	18 57		n.a.
T 28	2 33	18 29	5 11	9 6	2 39	18 28	0 27	21 54	0 15	14 5	0 29	13 1	2 43	19 14	0 5	4 35	2 6	30 55	15 49	6 8	6 27	18 57		n.a.
W29	2 9	17 2	5 14	9 34	2 42	18 12	0 31	21 59	0 16	14 9	0 29	13 3	2 43	19 14	0 5	4 35	2 6	30 55	15 49	6 8	6 26	18 57		n.a.
T 30	1n44	14s32	4n57	10s 0	2s44	17n57	0n35	22n 3	0n18	14s13	0n29	13s 4	2s43	19n14	0s 5	4n34	2s 6	30n54	15n49	6s 7	6s25	18n57		n.a.

Julian Day Number = 1267295.5, Delta T = 08h20m32s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'08, Lahiri = -21°07'08 Julian Calendar 1 Sept. 1244 BCE == Greg. Calendar 21 Aug. 1244 BCE

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ASTRODIENST EPHEMERIS for the year 1244 BCE
geocentric

OCTOBER 1244 BCE (-1243) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 53 10	26♍42'30	19♒ 4	19♎44	13♌31	6♊46	9♏ 0	3°R 0	24°R51	16°R15	17♌13	15°R14	16♎ 0	26♊44	n.a.	F 1
S 2	23 57 6	27°43'01	3♓ 0	20°38	14°41	7° 1	9°12	2♓56	24♉50	16♈13	17°15	15♎12	15°57	26°51	n.a.	S 2
S 3	0 1 3	28°43'33	16°44	21°28	15°50	7°15	9°24	2°52	24°49	16°11	17°17	15°10	15°54	26°58	n.a.	S 3
M 4	0 4 59	29°44'06	0♈12	22°14	17° 0	7°28	9°36	2°48	24°48	16°10	17°19	15° 8	15°50	27° 4	n.a.	M 4
T 5	0 8 56	0♎44'42	13°24	22°54	18°10	7°41	9°48	2°44	24°47	16° 8	17°21	15°D 8	15°47	27°11	n.a.	T 5
W 6	0 12 53	1°45'19	26°17	23°29	19°20	7°53	10° 0	2°40	24°46	16° 6	17°22	15° 8	15°44	27°18	n.a.	W 6
T 7	0 16 49	2°45'58	8♉53	23°57	20°31	8° 5	10°13	2°36	24°44	16° 5	17°24	15° 9	15°41	27°24	n.a.	T 7
F 8	0 20 46	3°46'38	21°13	24°18	21°41	8°16	10°25	2°32	24°43	16° 3	17°26	15°10	15°38	27°31	n.a.	F 8
S 9	0 24 42	4°47'21	3♊20	24°32	22°52	8°26	10°37	2°29	24°42	16° 1	17°27	15°11	15°34	27°38	n.a.	S 9
S 10	0 28 39	5°48'05	15°18	24°R36	24° 2	8°36	10°50	2°25	24°40	16° 0	17°29	15°12	15°31	27°45	n.a.	S 10
M11	0 32 35	6°48'51	27°11	24°32	25°13	8°45	11° 2	2°21	24°39	15°58	17°31	15°13	15°28	27°51	n.a.	M11
T 12	0 36 32	7°49'39	9♋ 3	24°18	26°24	8°54	11°15	2°18	24°37	15°56	17°32	15°R13	15°25	27°58	n.a.	T 12
W13	0 40 28	8°50'29	21° 0	23°53	27°35	9° 1	11°28	2°14	24°36	15°55	17°34	15°13	15°22	28° 5	n.a.	W13
T 14	0 44 25	9°51'20	3♌ 6	23°18	28°47	9° 8	11°40	2°11	24°34	15°53	17°36	15°12	15°19	28°11	n.a.	T 14
F 15	0 48 22	10°52'13	15°24	22°32	29°58	9°15	11°53	2° 8	24°32	15°51	17°37	15°12	15°15	28°18	n.a.	F 15
S 16	0 52 18	11°53'07	28° 0	21°36	1♍10	9°20	12° 6	2° 5	24°31	15°50	17°39	15°11	15°12	28°25	n.a.	S 16
S 17	0 56 15	12°54'03	10♍55	20°31	2°21	9°25	12°19	2° 2	24°29	15°48	17°40	15°11	15° 9	28°32	n.a.	S 17
M18	1 0 11	13°55'01	24°11	19°18	3°33	9°29	12°32	1°59	24°27	15°46	17°42	15°11	15° 6	28°38	n.a.	M18
T 19	1 4 8	14°56'00	7♎47	18° 0	4°45	9°33	12°45	1°56	24°25	15°45	17°43	15°11	15° 3	28°45	n.a.	T 19
W20	1 8 4	15°57'00	21°41	16°38	5°57	9°35	12°58	1°53	24°24	15°43	17°45	15°11	14°59	28°52	n.a.	W20
T 21	1 12 1	16°58'01	5♏50	15°16	7° 9	9°37	13°11	1°50	24°22	15°41	17°46	15°11	14°56	28°58	n.a.	T 21
F 22	1 15 57	17°59'04	20°10	13°56	8°21	9°38	13°24	1°48	24°20	15°39	17°47	15°10	14°53	29° 5	n.a.	F 22
S 23	1 19 54	19° 0'07	4♐36	12°41	9°33	9°R38	13°37	1°45	24°18	15°38	17°49	15°10	14°50	29°12	n.a.	S 23
S 24	1 23 51	20° 1'11	19° 2	11°33	10°46	9°38	13°51	1°43	24°16	15°36	17°50	15° 9	14°47	29°19	n.a.	S 24
M25	1 27 47	21° 2'17	3♑23	10°34	11°58	9°36	14° 4	1°41	24°14	15°34	17°51	15° 9	14°44	29°25	n.a.	M25
T 26	1 31 44	22° 3'22	17°38	9°46	13°11	9°34	14°17	1°38	24°12	15°33	17°52	15°D 9	14°40	29°32	n.a.	T 26
W27	1 35 40	23° 4'29	1♒42	9° 8	14°23	9°31	14°31	1°36	24°10	15°31	17°54	15° 9	14°37	29°39	n.a.	W27
T 28	1 39 37	24° 5'36	15°36	8°43	15°36	9°27	14°44	1°34	24° 8	15°29	17°55	15° 9	14°34	29°45	n.a.	T 28
F 29	1 43 33	25° 6'44	29°17	8°28	16°49	9°22	14°58	1°32	24° 5	15°28	17°56	15°10	14°31	29°52	n.a.	F 29
S 30	1 47 30	26° 7'52	12♓45	8°D25	18° 2	9°17	15°11	1°31	24° 3	15°26	17°57	15°11	14°28	29°59	n.a.	S 30
S 31	1 51 26	27♎ 9'01	26♓ 1	8♎31	19♍15	9♊10	15♏25	1♓29	24♉ 1	15♈24	17♌58	15♎12	14♎25	0♋ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n20	11s13	4n22	10s24	2s46	17n40	0n39	22n 8	0n20	14s17	0n29	13s 6	2s43	19n13	0s 5	4n33	2s 6	30n54	15n50	6s 6	6s24	18n56		n.a.
S 2	0 55	7 17	3 32	10 46	2 47	17 23	0 43	22 12	0 22	14 21	0 29	13 7	2 43	19 13	0 5	4 33	2 6	30 54	15 50	6 5	6 23	18 56		n.a.
S 3	0 31	3 1	2 31	11 6	2 48	17 6	0 47	22 16	0 24	14 25	0 29	13 9	2 43	19 13	0 5	4 32	2 6	30 54	15 50	6 4	6 21	18 56		n.a.
M 4	0 6	1n20	1 22	11 23	2 48	16 48	0 50	22 20	0 25	14 29	0 28	13 10	2 42	19 13	0 5	4 31	2 6	30 53	15 51	6 4	6 20	18 56		n.a.
T 5	0s18	5 31	0 10	11 37	2 46	16 30	0 54	22 24	0 27	14 33	0 28	13 11	2 42	19 12	0 5	4 31	2 6	30 53	15 51	6 3	6 19	18 56		n.a.
W 6	0 43	9 22	1s 1	11 48	2 44	16 11	0 57	22 28	0 29	14 37	0 28	13 13	2 42	19 12	0 5	4 30	2 6	30 53	15 52	6 3	6 18	18 56		n.a.
T 7	1 7	12 41	2 8	11 56	2 41	15 51	1 1	22 32	0 31	14 41	0 28	13 14	2 42	19 12	0 5	4 29	2 6	30 53	15 52	6 4	6 16	18 56		n.a.
F 8	1 32	15 22	3 7	11 59	2 36	15 31	1 4	22 36	0 33	14 45	0 28	13 15	2 42	19 11	0 5	4 29	2 6	30 52	15 52	6 4	6 15	18 56		n.a.
S 9	1 56	17 18	3 56	11 59	2 30	15 11	1 7	22 40	0 35	14 49	0 28	13 16	2 42	19 11	0 5	4 28	2 6	30 52	15 53	6 5	6 14	18 55		n.a.
S 10	2 20	18 27	4 35	11 54	2 23	14 50	1 10	22 43	0 37	14 53	0 27	13 18	2 42	19 11	0 5	4 27	2 6	30 52	15 53	6 5	6 13	18 55		n.a.
M11	2 45	18 47	5 2	11 44	2 14	14 29	1 13	22 47	0 39	14 57	0 27	13 19	2 42	19 10	0 5	4 27	2 6	30 52	15 54	6 5	6 11	18 55		n.a.
T 12	3 9	18 17	5 15	11 29	2 4	14 7	1 16	22 50	0 41	15 2	0 27	13 20	2 41	19 10	0 5	4 26	2 6	30 52	15 54	6 5	6 10	18 55		n.a.
W13	3 34	16 58	5 16	11 8	1 51	13 44	1 19	22 53	0 44	15 6	0 27	13 21	2 41	19 10	0 5	4 25	2 6	30 52	15 54	6 5	6 9	18 55		n.a.
T 14	3 58	14 54	5 2	10 42	1 38	13 22	1 21	22 57	0 46	15 10	0 27	13 22	2 41	19 9	0 5	4 25	2 6	30 52	15 55	6 5	6 8	18 55		n.a.
F 15	4 22	12 7	4 34	10 10	1 22	12 59	1 24	23 0	0 48	15 14	0 27	13 23	2 41	19 9	0 5	4 24	2 6	30 51	15 55	6 5	6 6	18 54		n.a.
S 16	4 47	8 44	3 53	9 33	1 5	12 35	1 27	23 3	0 50	15 18	0 27	13 24	2 41	19 8	0 5	4 23	2 6	30 51	15 56	6 5	6 5	18 54		n.a.
S 17	5 11	4 50	2 59	8 51	0 46	12 11	1 29	23 6	0 52	15 22	0 26	13 25	2 41	19 8	0 5	4 23	2 6	30 51	15 56	6 5	6 4	18 54		n.a.
M18	5 35	0 37	1 54	8 5	0 26	11 47	1 31	23 9	0 55	15 26	0 26	13 26	2 40	19 8	0 5	4 22	2 6	30 51	15 57	6 4	6 3	18 54		n.a.
T 19	5 59	3s46	0 41	7 16	0 6	11 22	1 33	23 11	0 57	15 30	0 26	13 27	2 40	19 7	0 5	4 21	2 6	30 51	15 57	6 4	6 1	18 54		n.a.
W20	6 23	8 2	0n36	6 25	0n15	10 57	1 35	23 14	0 59	15 35	0 26	13 28	2 40	19 7	0 5	4 21	2 6	30 51	15 58	6 4	6 0	18 53		n.a.
T 21	6 46	11 56	1 52	5 34	0 35	10 32	1 37	23 17	1 2	15 39	0 26	13 29	2 40	19 6	0 5	4 20	2 6	30 51	15 58	6 4	5 59	18 53		n.a.
F 22	7 10	15 9	3 2	4 45	0 55	10 6	1 39	23 19	1 4	15 43	0 26	13 29	2 40	19 6	0 5	4 19	2 6	30 51	15 59	6 4	5 58	18 53		n.a.
S 23	7 34	17 28	4 1	3 58	1 14	9 40	1 41	23 22	1 6	15 47	0 26	13 30	2 39	19 5	0 5	4 19	2 6	30 51	15 59	6 4	5 56	18 53		n.a.
S 24	7 57	18 39	4 45	3 15	1 31	9 14	1 43	23 24	1 9	15 51	0 26	13 31	2 39	19 5	0 4	4 18	2 6	30 51	16 0	6 4	5 55	18 53		n.a.
M25	8 21	18 37	5 11	2 38	1 46	8 47	1 44	23 26	1 11	15 55	0 25	13 31	2 39	19 4	0 4	4 18	2 6	30 51	16 0	6 4	5 54	18 52		n.a.
T 26	8 44	17 25	5 17	2 7	1 59	8 20	1 46	23 28	1 14	15 59	0 25	13 32	2 39	19 4	0 4	4 17	2 6	30 51	16 1	6 4	5 53	18 52		n.a.
W27	9 7	15 10	5 4	1 41	2 10	7 53	1 47	23 30	1 16	16 4	0 25	13 33	2 39	19 3	0 4	4 16	2 6	30 51	16 1	6 4	5 51	18 52		n.a.
T 28	9 30	12 5	4 34	1 23	2 19	7 26	1 49	23 32	1 19	16 8	0 25	13 33	2 38	19 3	0 4	4 16	2 6	30 51	16 2	6 4	5 50	18 52		n.a.
F 29	9 53	8 22	3 48	1 10	2 27	6 58	1 50	23 34	1 21	16 12	0 25	13 34	2 38	19 2	0 4	4 15	2 6	30 52	16 2	6 4	5 49	18 52		n.a.
S 30	10 15	4 16	2 50	1 4	2 32	6 30	1 51	23 36	1 24	16 16	0 25	13 34	2 38	19 2	0 4	4 14	2 6	30 52	16 3	6 5	5 48	18 51		n.a.
S 31	10s38	0s 1	1n44	1s 3	2n36	6n 2	1n52	23n37	1n27	16s20	0n25	13s34	2s38	19n 1	0s 4	4n14	2s 6	30n52	16n 3	6s 5	5s46	18n51		n.a.

Julian Day Number = 1267325.5, Delta T = 08h20m30s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'04, Lahiri = -21°07'03 Julian Calendar 1 Oct. 1244 BCE == Greg. Calendar 20 Sept. 1244 BCE

The year -1243 astronomical counting style corresponds to year 1244 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1244 BCE
geocentric

NOVEMBER 1244 BCE (-1243) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 55 23	28♎10'11	9♈ 4	8♎48	20♍28	9°R 3	15♏38	1°R27	23°R59	15°R23	17♌59	15°R13	14♎21	0♋12	n.a.	M 1
T 2	1 59 20	29°11'21	21°55	9°13	21°41	8♊55	15°52	1♓26	23♉57	15♈21	18° 0	15♎13	14°18	0°19	n.a.	T 2
W 3	2 3 16	0♏12'32	4♉32	9°45	22°54	8°46	16° 5	1°25	23°54	15°19	18° 1	15°12	14°15	0°26	n.a.	W 3
T 4	2 7 13	1°13'44	16°58	10°25	24° 7	8°37	16°19	1°23	23°52	15°18	18° 2	15°10	14°12	0°32	n.a.	T 4
F 5	2 11 9	2°14'56	29°12	11°11	25°21	8°26	16°33	1°22	23°50	15°16	18° 3	15° 8	14° 9	0°39	n.a.	F 5
S 6	2 15 6	3°16'10	11♊16	12° 2	26°34	8°15	16°46	1°21	23°47	15°14	18° 4	15° 5	14° 5	0°46	n.a.	S 6
S 7	2 19 2	4°17'24	23°14	12°59	27°47	8° 3	17° 0	1°20	23°45	15°13	18° 5	15° 2	14° 2	0°53	n.a.	S 7
M 8	2 22 59	5°18'38	5♋ 6	13°59	29° 1	7°50	17°14	1°19	23°42	15°11	18° 6	14°59	13°59	0°59	n.a.	M 8
T 9	2 26 55	6°19'54	16°58	15° 3	0♎14	7°36	17°27	1°19	23°40	15°10	18° 7	14°56	13°56	1° 6	n.a.	T 9
W10	2 30 52	7°21'10	28°52	16°11	1°28	7°21	17°41	1°18	23°38	15° 8	18° 7	14°55	13°53	1°13	n.a.	W10
T 11	2 34 49	8°22'27	10♌55	17°21	2°42	7° 6	17°55	1°18	23°35	15° 7	18° 8	14°D55	13°50	1°20	n.a.	T 11
F 12	2 38 45	9°23'44	23°10	18°34	3°55	6°50	18° 9	1°17	23°33	15° 5	18° 9	14°55	13°46	1°26	n.a.	F 12
S 13	2 42 42	10°25'03	5♍43	19°49	5° 9	6°33	18°23	1°17	23°30	15° 4	18°10	14°57	13°43	1°33	n.a.	S 13
S 14	2 46 38	11°26'21	18°36	21° 5	6°23	6°16	18°37	1°17	23°28	15° 2	18°10	14°59	13°40	1°40	n.a.	S 14
M15	2 50 35	12°27'40	1♎55	22°24	7°37	5°58	18°50	1°D17	23°25	15° 1	18°11	15° 0	13°37	1°46	n.a.	M15
T 16	2 54 31	13°29'00	15°39	23°44	8°51	5°39	19° 4	1°17	23°23	14°59	18°11	15°R 1	13°34	1°53	n.a.	T 16
W17	2 58 28	14°30'19	29°48	25° 5	10° 5	5°19	19°18	1°17	23°20	14°58	18°12	15° 0	13°31	2° 0	n.a.	W17
T 18	3 2 24	15°31'40	14♏20	26°28	11°18	4°59	19°32	1°18	23°17	14°56	18°12	14°57	13°27	2° 7	n.a.	T 18
F 19	3 6 21	16°33'00	29° 7	27°51	12°32	4°38	19°46	1°18	23°15	14°55	18°13	14°54	13°24	2°13	n.a.	F 19
S 20	3 10 18	17°34'20	14♐ 2	29°15	13°47	4°17	20° 0	1°19	23°12	14°53	18°13	14°49	13°21	2°20	n.a.	S 20
S 21	3 14 14	18°35'40	28°56	0♏41	15° 1	3°56	20°14	1°19	23°10	14°52	18°14	14°43	13°18	2°27	n.a.	S 21
M22	3 18 11	19°37'00	13♑41	2° 7	16°15	3°33	20°28	1°20	23° 7	14°51	18°14	14°39	13°15	2°33	n.a.	M22
T 23	3 22 7	20°38'20	28°12	3°33	17°29	3°11	20°42	1°21	23° 5	14°49	18°14	14°35	13°11	2°40	n.a.	T 23
W24	3 26 4	21°39'39	12♒23	5° 1	18°43	2°48	20°56	1°22	23° 2	14°48	18°15	14°33	13° 8	2°47	n.a.	W24
T 25	3 30 0	22°40'57	26°13	6°28	19°57	2°25	21°10	1°23	22°59	14°47	18°15	14°D33	13° 5	2°54	n.a.	T 25
F 26	3 33 57	23°42'15	9♓43	7°57	21°11	2° 1	21°23	1°24	22°57	14°46	18°15	14°34	13° 2	3° 0	n.a.	F 26
S 27	3 37 54	24°43'32	22°54	9°26	22°26	1°38	21°37	1°26	22°54	14°44	18°15	14°35	12°59	3° 7	n.a.	S 27
S 28	3 41 50	25°44'49	5♈50	10°55	23°40	1°14	21°51	1°27	22°52	14°43	18°16	14°37	12°56	3°14	n.a.	S 28
M29	3 45 47	26°46'06	18°31	12°25	24°54	0°50	22° 5	1°29	22°49	14°42	18°16	14°R37	12°52	3°21	n.a.	M29
T 30	3 49 43	27♏47'21	1♉ 1	13♏56	26♎ 8	0♊26	22♏19	1♓30	22♉46	14♈41	18♌16	14♎35	12♎49	3♋27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s 0	4n10	0n34	1s 8	2n38	5n34	1n53	23n39	1n29	16s24	0n25	13s35	2s37	19n 1	0s 4	4n13	2s 6	30n52	16n 4	6s 5	5s45	18n51		n.a.
T 2	11 22	8 6	0s37	1 17	2 39	5 5	1 54	23 40	1 32	16 28	0 24	13 35	2 37	19 0	0 4	4 12	2 6	30 52	16 4	6 5	5 44	18 51		n.a.
W 3	11 44	11 36	1 45	1 30	2 38	4 36	1 54	23 41	1 34	16 32	0 24	13 35	2 37	18 59	0 4	4 12	2 6	30 52	16 5	6 5	5 43	18 51		n.a.
T 4	12 6	14 31	2 47	1 48	2 37	4 8	1 55	23 42	1 37	16 37	0 24	13 36	2 37	18 59	0 4	4 11	2 6	30 52	16 5	6 4	5 41	18 50		n.a.
F 5	12 27	16 45	3 40	2 8	2 34	3 38	1 55	23 43	1 40	16 41	0 24	13 36	2 37	18 58	0 4	4 11	2 6	30 53	16 6	6 3	5 40	18 50		n.a.
S 6	12 49	18 11	4 22	2 31	2 31	3 9	1 56	23 44	1 42	16 45	0 24	13 36	2 36	18 58	0 4	4 10	2 6	30 53	16 6	6 2	5 39	18 50		n.a.
S 7	13 10	18 48	4 53	2 57	2 27	2 40	1 56	23 45	1 45	16 49	0 24	13 36	2 36	18 57	0 4	4 9	2 6	30 53	16 7	6 1	5 38	18 50		n.a.
M 8	13 31	18 34	5 10	3 25	2 23	2 10	1 56	23 45	1 48	16 53	0 24	13 36	2 36	18 57	0 4	4 9	2 6	30 53	16 8	6 0	5 36	18 49		n.a.
T 9	13 51	17 32	5 15	3 55	2 18	1 41	1 57	23 45	1 50	16 57	0 24	13 36	2 36	18 56	0 4	4 8	2 6	30 54	16 8	5 59	5 35	18 49		n.a.
W10	14 12	15 45	5 6	4 26	2 12	1 11	1 57	23 46	1 53	17 1	0 23	13 36	2 35	18 55	0 4	4 8	2 6	30 54	16 9	5 58	5 34	18 49		n.a.
T 11	14 32	13 15	4 43	4 59	2 6	0 41	1 57	23 46	1 56	17 5	0 23	13 36	2 35	18 55	0 4	4 7	2 6	30 54	16 9	5 58	5 33	18 49		n.a.
F 12	14 52	10 8	4 8	5 33	2 0	0 12	1 56	23 45	1 58	17 9	0 23	13 36	2 35	18 54	0 4	4 6	2 6	30 54	16 10	5 58	5 31	18 48		n.a.
S 13	15 11	6 29	3 19	6 7	1 54	0s18	1 56	23 45	2 1	17 13	0 23	13 36	2 35	18 53	0 4	4 6	2 6	30 55	16 10	5 59	5 30	18 48		n.a.
S 14	15 31	2 26	2 20	6 43	1 47	0 48	1 56	23 45	2 4	17 17	0 23	13 36	2 34	18 53	0 4	4 5	2 6	30 55	16 11	6 0	5 29	18 48		n.a.
M15	15 50	1s52	1 11	7 19	1 40	1 18	1 56	23 44	2 6	17 21	0 23	13 35	2 34	18 52	0 4	4 5	2 6	30 55	16 12	6 0	5 28	18 47		n.a.
T 16	16 9	6 12	0n 4	7 55	1 33	1 48	1 55	23 43	2 9	17 25	0 23	13 35	2 34	18 52	0 4	4 4	2 6	30 56	16 12	6 0	5 26	18 47		n.a.
W17	16 27	10 20	1 20	8 32	1 26	2 18	1 55	23 42	2 11	17 29	0 23	13 35	2 34	18 51	0 4	4 4	2 6	30 56	16 13	6 0	5 25	18 47		n.a.
T 18	16 46	13 58	2 34	9 9	1 19	2 48	1 54	23 41	2 14	17 33	0 23	13 35	2 33	18 50	0 4	4 3	2 6	30 56	16 13	5 59	5 24	18 47		n.a.
F 19	17 4	16 45	3 38	9 46	1 12	3 18	1 53	23 39	2 16	17 37	0 22	13 34	2 33	18 50	0 4	4 3	2 6	30 57	16 14	5 58	5 23	18 46		n.a.
S 20	17 21	18 26	4 28	10 24	1 4	3 48	1 52	23 38	2 19	17 41	0 22	13 34	2 33	18 49	0 4	4 2	2 6	30 57	16 14	5 56	5 21	18 46		n.a.
S 21	17 39	18 50	5 0	11 1	0 57	4 18	1 51	23 36	2 21	17 45	0 22	13 33	2 33	18 48	0 4	4 2	2 6	30 58	16 15	5 54	5 20	18 46		n.a.
M22	17 56	17 58	5 11	11 38	0 49	4 48	1 51	23 34	2 24	17 48	0 22	13 33	2 32	18 48	0 4	4 1	2 6	30 58	16 16	5 52	5 19	18 46		n.a.
T 23	18 13	15 56	5 3	12 15	0 42	5 17	1 49	23 32	2 26	17 52	0 22	13 32	2 32	18 47	0 4	4 1	2 5	30 58	16 16	5 51	5 18	18 45		n.a.
W24	18 29	12 58	4 36	12 52	0 35	5 47	1 48	23 29	2 28	17 56	0 22	13 32	2 32	18 46	0 4	4 0	2 5	30 59	16 17	5 50	5 16	18 45		n.a.
T 25	18 45	9 20	3 53	13 28	0 27	6 17	1 47	23 27	2 30	18 0	0 22	13 31	2 32	18 46	0 4	4 0	2 5	30 59	16 17	5 50	5 15	18 45		n.a.
F 26	19 1	5 19	2 58	14 5	0 20	6 46	1 46	23 24	2 33	18 4	0 22	13 30	2 31	18 45	0 4	3 59	2 5	31 0	16 18	5 50	5 14	18 44		n.a.
S 27	19 16	1 6	1 55	14 40	0 13	7 15	1 45	23 21	2 35	18 7	0 22	13 29	2 31	18 44	0 4	3 59	2 5	31 0	16 18	5 51	5 12	18 44		n.a.
S 28	19 31	3n 5	0 48	15 16	0 6	7 44	1 43	23 18	2 37	18 11	0 22	13 29	2 31	18 44	0 4	3 58	2 5	31 1	16 19	5 51	5 11	18 44		n.a.
M29	19 46	7 3	0s21	15 51	0s 1	8 13	1 42	23 15	2 39	18 15	0 21	13 28	2 31	18 43	0 4	3 58	2 5	31 1	16 20	5 51	5 10	18 43		n.a.
T 30	20s 0	10n39	1s28	16s25	0s 8	8s42	1n40	23n12	2n41	18s19	0n21	13s27	2s30	18n42	0s 4	3n58	2s 5	31n 2	16n20	5s51	5s 9	18n43		n.a.

Julian Day Number = 1267356.5, Delta T = 08h20m28s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°14'00, Lahiri = -21°06'59 Julian Calendar 1 Nov. 1244 BCE == Greg. Calendar 21 Oct. 1244 BCE

The year -1243 astronomical counting style corresponds to year 1244 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1244 BCE
geocentric

DECEMBER 1244 BCE (-1243) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 53 40	28♏48'37	13♉22	15♏26	27♎23	0°R 2	22♏33	1♓32	22°R44	14°R40	18♌16	14°R32	12♎46	3♋34	n.a.	W 1
T 2	3 57 36	29°49'51	25°34	16°58	28°37	29♉38	22°47	1°34	22♉41	14♈39	18°R16	14♎26	12°43	3°41	n.a.	T 2
F 3	4 1 33	0♐51'06	7♊39	18°29	29°51	29°14	23° 1	1°36	22°39	14°37	18°16	14°18	12°40	3°47	n.a.	F 3
S 4	4 5 29	1°52'20	19°38	20° 2	1♏ 6	28°50	23°15	1°38	22°36	14°36	18°16	14° 8	12°36	3°54	n.a.	S 4
S 5	4 9 26	2°53'33	1♋33	21°34	2°20	28°26	23°29	1°41	22°34	14°35	18°16	13°58	12°33	4° 1	n.a.	S 5
M 6	4 13 23	3°54'46	13°25	23° 8	3°34	28° 3	23°42	1°43	22°31	14°34	18°16	13°49	12°30	4° 8	n.a.	M 6
T 7	4 17 19	4°55'58	25°17	24°41	4°49	27°39	23°56	1°45	22°28	14°33	18°15	13°40	12°27	4°14	n.a.	T 7
W 8	4 21 16	5°57'10	7♌11	26°15	6° 3	27°16	24°10	1°48	22°26	14°33	18°15	13°34	12°24	4°21	n.a.	W 8
T 9	4 25 12	6°58'22	19°11	27°50	7°18	26°53	24°24	1°51	22°23	14°32	18°15	13°30	12°21	4°28	n.a.	T 9
F 10	4 29 9	7°59'32	1♍22	29°25	8°32	26°31	24°38	1°53	22°21	14°31	18°15	13°28	12°17	4°35	n.a.	F 10
S 11	4 33 5	9° 0'43	13°49	1♐ 1	9°47	26° 9	24°51	1°56	22°19	14°30	18°14	13°D28	12°14	4°41	n.a.	S 11
S 12	4 37 2	10° 1'52	26°36	2°37	11° 1	25°48	25° 5	1°59	22°16	14°29	18°14	13°28	12°11	4°48	n.a.	S 12
M13	4 40 59	11° 3'01	9♎47	4°14	12°16	25°27	25°19	2° 2	22°14	14°28	18°14	13°R29	12° 8	4°55	n.a.	M13
T 14	4 44 55	12° 4'10	23°27	5°51	13°30	25° 6	25°32	2° 5	22°11	14°27	18°13	13°29	12° 5	5° 1	n.a.	T 14
W15	4 48 52	13° 5'18	7♏36	7°29	14°45	24°46	25°46	2° 9	22° 9	14°27	18°13	13°26	12° 2	5° 8	n.a.	W15
T 16	4 52 48	14° 6'25	22°12	9° 8	15°59	24°27	26° 0	2°12	22° 6	14°26	18°12	13°21	11°58	5°15	n.a.	T 16
F 17	4 56 45	15° 7'31	7♐12	10°47	17°14	24° 8	26°13	2°15	22° 4	14°25	18°12	13°14	11°55	5°22	n.a.	F 17
S 18	5 0 41	16° 8'36	22°25	12°27	18°28	23°50	26°27	2°19	22° 2	14°25	18°11	13° 4	11°52	5°28	n.a.	S 18
S 19	5 4 38	17° 9'40	7♑42	14° 7	19°43	23°33	26°40	2°23	22° 0	14°24	18°11	12°54	11°49	5°35	n.a.	S 19
M20	5 8 34	18°10'43	22°51	15°48	20°57	23°16	26°54	2°26	21°57	14°24	18°10	12°45	11°46	5°42	n.a.	M20
T 21	5 12 31	19°11'45	7♒42	17°30	22°12	23° 0	27° 7	2°30	21°55	14°23	18°10	12°37	11°42	5°48	n.a.	T 21
W22	5 16 28	20°12'45	22° 9	19°12	23°26	22°45	27°21	2°34	21°53	14°23	18° 9	12°31	11°39	5°55	n.a.	W22
T 23	5 20 24	21°13'43	6♓ 9	20°55	24°41	22°30	27°34	2°38	21°51	14°22	18° 8	12°28	11°36	6° 2	n.a.	T 23
F 24	5 24 21	22°14'40	19°41	22°39	25°55	22°17	27°47	2°42	21°48	14°22	18° 8	12°D27	11°33	6° 9	n.a.	F 24
S 25	5 28 17	23°15'35	2♈49	24°23	27°10	22° 4	28° 1	2°47	21°46	14°21	18° 7	12°27	11°30	6°15	n.a.	S 25
S 26	5 32 14	24°16'28	15°36	26° 9	28°24	21°52	28°14	2°51	21°44	14°21	18° 6	12°R27	11°27	6°22	n.a.	S 26
M27	5 36 10	25°17'20	28° 6	27°54	29°39	21°40	28°27	2°55	21°42	14°21	18° 5	12°26	11°23	6°29	n.a.	M27
T 28	5 40 7	26°18'10	10♉24	29°41	0♐53	21°30	28°40	3° 0	21°40	14°20	18° 4	12°23	11°20	6°36	n.a.	T 28
W29	5 44 3	27°18'59	22°31	1♑28	2° 8	21°20	28°53	3° 4	21°38	14°20	18° 4	12°17	11°17	6°42	n.a.	W29
T 30	5 48 0	28°19'46	4♊33	3°15	3°22	21°11	29° 7	3° 9	21°36	14°20	18° 3	12° 7	11°14	6°49	n.a.	T 30
F 31	5 51 57	29♐20'32	16♊30	5♑ 3	4♐37	21♉ 3	29♏20	3♓14	21♉34	14♈20	18♌ 2	11♎56	11♎11	6♋56	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20s14	13n45	2s29	16s59	0s15	9s11	1n39	23n 8	2n43	18s22	0n21	13s26	2s30	18n42	0s 4	3n57	2s 5	31n 2	16n21	5s49	5s 7	18n43			n.a.
T 2	20 27	16 11	3 23	17 32	0 22	9 39	1 37	23 5	2 44	18 26	0 21	13 25	2 30	18 41	0 4	3 57	2 5	31 3	16 21	5 47	5 6	18 42			n.a.
F 3	20 40	17 54	4 7	18 4	0 28	10 7	1 35	23 1	2 46	18 30	0 21	13 24	2 30	18 40	0 4	3 57	2 5	31 3	16 22	5 44	5 5	18 42			n.a.
S 4	20 53	18 47	4 39	18 36	0 35	10 35	1 34	22 57	2 48	18 33	0 21	13 23	2 29	18 40	0 4	3 56	2 5	31 4	16 22	5 40	5 4	18 42			n.a.
S 5	21 5	18 51	4 59	19 7	0 41	11 3	1 32	22 53	2 49	18 37	0 21	13 22	2 29	18 39	0 4	3 56	2 5	31 4	16 23	5 36	5 2	18 41			n.a.
M 6	21 17	18 4	5 6	19 38	0 47	11 31	1 30	22 49	2 51	18 41	0 21	13 21	2 29	18 38	0 4	3 55	2 5	31 5	16 24	5 32	5 1	18 41			n.a.
T 7	21 29	16 31	5 0	20 7	0 53	11 58	1 28	22 45	2 52	18 44	0 21	13 20	2 29	18 38	0 4	3 55	2 5	31 6	16 24	5 29	5 0	18 41			n.a.
W 8	21 40	14 15	4 41	20 36	0 59	12 25	1 26	22 41	2 53	18 48	0 21	13 19	2 28	18 37	0 4	3 55	2 5	31 6	16 25	5 26	4 59	18 40			n.a.
T 9	21 50	11 22	4 9	21 3	1 5	12 51	1 24	22 37	2 55	18 51	0 20	13 18	2 28	18 37	0 4	3 55	2 5	31 7	16 25	5 25	4 57	18 40			n.a.
F 10	22 0	7 58	3 26	21 30	1 10	13 18	1 22	22 33	2 56	18 55	0 20	13 16	2 28	18 36	0 4	3 54	2 5	31 7	16 26	5 24	4 56	18 40			n.a.
S 11	22 10	4 8	2 32	21 56	1 15	13 44	1 20	22 29	2 57	18 58	0 20	13 15	2 28	18 35	0 4	3 54	2 4	31 8	16 26	5 24	4 55	18 39			n.a.
S 12	22 20	0 1	1 29	22 21	1 20	14 9	1 17	22 24	2 58	19 2	0 20	13 14	2 27	18 35	0 4	3 54	2 4	31 9	16 27	5 24	4 54	18 39			n.a.
M13	22 28	4s14	0 20	22 44	1 25	14 35	1 15	22 20	2 59	19 5	0 20	13 13	2 27	18 34	0 4	3 53	2 4	31 9	16 27	5 25	4 52	18 39			n.a.
T 14	22 37	8 26	0n53	23 7	1 30	15 0	1 13	22 16	3 0	19 9	0 20	13 11	2 27	18 33	0 4	3 53	2 4	31 10	16 28	5 24	4 51	18 38			n.a.
W15	22 45	12 18	2 5	23 28	1 34	15 24	1 11	22 11	3 0	19 12	0 20	13 10	2 27	18 33	0 4	3 53	2 4	31 11	16 29	5 23	4 50	18 38			n.a.
T 16	22 52	15 33	3 11	23 48	1 38	15 48	1 8	22 7	3 1	19 15	0 20	13 8	2 26	18 32	0 4	3 53	2 4	31 11	16 29	5 21	4 49	18 38			n.a.
F 17	23 0	17 50	4 6	24 7	1 42	16 12	1 6	22 3	3 2	19 19	0 20	13 7	2 26	18 32	0 4	3 53	2 4	31 12	16 30	5 18	4 47	18 37			n.a.
S 18	23 6	18 54	4 44	24 24	1 45	16 36	1 4	21 59	3 2	19 22	0 20	13 5	2 26	18 31	0 4	3 52	2 4	31 13	16 30	5 15	4 46	18 37			n.a.
S 19	23 12	18 35	5 2	24 40	1 48	16 59	1 1	21 55	3 3	19 25	0 20	13 4	2 26	18 30	0 4	3 52	2 4	31 13	16 31	5 11	4 45	18 37			n.a.
M20	23 18	16 58	4 58	24 55	1 51	17 21	0 59	21 51	3 3	19 28	0 19	13 2	2 26	18 30	0 4	3 52	2 4	31 14	16 31	5 7	4 44	18 36			n.a.
T 21	23 23	14 13	4 35	25 7	1 54	17 43	0 56	21 47	3 4	19 32	0 19	13 0	2 25	18 29	0 4	3 52	2 4	31 15	16 32	5 4	4 42	18 36			n.a.
W22	23 28	10 40	3 54	25 19	1 56	18 5	0 54	21 44	3 4	19 35	0 19	12 59	2 25	18 29	0 4	3 52	2 4	31 15	16 32	5 2	4 41	18 35			n.a.
T 23	23 33	6 37	3 0	25 28	1 57	18 26	0 51	21 40	3 4	19 38	0 19	12 57	2 25	18 28	0 4	3 52	2 4	31 16	16 33	5 0	4 40	18 35			n.a.
F 24	23 36	2 21	1 58	25 36	1 59	18 46	0 49	21 36	3 4	19 41	0 19	12 55	2 25	18 28	0 4	3 52	2 4	31 17	16 33	5 0	4 38	18 35			n.a.
S 25	23 40	1n55	0 51	25 43	2 0	19 6	0 46	21 33	3 4	19 44	0 19	12 54	2 24	18 27	0 4	3 51	2 4	31 17	16 34	5 0	4 37	18 34			n.a.
S 26	23 43	5 59	0s17	25 47	2 0	19 26	0 43	21 30	3 4	19 47	0 19	12 52	2 24	18 26	0 4	3 51	2 3	31 18	16 34	5 0	4 36	18 34			n.a.
M27	23 45	9 42	1 22	25 50	2 0	19 45	0 41	21 27	3 4	19 50	0 19	12 50	2 24	18 26	0 4	3 51	2 3	31 19	16 35	5 0	4 35	18 33			n.a.
T 28	23 47	12 56	2 22	25 50	2 0	20 3	0 38	21 24	3 4	19 54	0 19	12 48	2 24	18 25	0 4	3 51	2 3	31 20	16 35	4 58	4 33	18 33			n.a.
W29	23 49	15 34	3 15	25 49	1 59	20 21	0 35	21 21	3 4	19 57	0 19	12 46	2 24	18 25	0 4	3 51	2 3	31 20	16 36	4 56	4 32	18 33			n.a.
T 30	23 50	17 30	3 59	25 45	1 57	20 39	0 33	21 19	3 4	20 0	0 19	12 44	2 23	18 24	0 4	3 51	2 3	31 21	16 36	4 52	4 31	18 32			n.a.
F 31	23s50	18n39	4s31	25s40	1s55	20s55	0n30	21n16	3n 4	20s 2	0n19	12s42	2s23	18n24	0s 4	3n51	2s 3	31n22	16n37	4s47	4s30	18n32			n.a.

Julian Day Number = 1267386.5, Delta T = 08h20m27s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'56, Lahiri = -21°06'55 Julian Calendar 1 Dec. 1244 BCE == Greg. Calendar 20 Nov. 1244 BCE

The year -1243 astronomical counting style corresponds to year 1244 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1243 BCE
geocentric

JANUARY 1243 BCE (-1242) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 55 53	0♉21'16	28♊24	6♉52	5♐51	20°R55	29♏32	3♓19	21°R33	14°R19	18°R 1	11°R42	11♎ 8	7♋ 2	n.a.	S 1
S 2	5 59 50	1°21'58	10♋17	8°41	7° 6	20♉49	29°45	3°24	21♉31	14♈19	18♌ 0	11♎27	11° 4	7° 9	n.a.	S 2
M 3	6 3 46	2°22'39	22°10	10°30	8°20	20°43	29°58	3°29	21°29	14°19	17°59	11°12	11° 1	7°16	n.a.	M 3
T 4	6 7 43	3°23'18	4♌ 4	12°19	9°34	20°38	0♐11	3°34	21°27	14°19	17°58	10°59	10°58	7°23	n.a.	T 4
W 5	6 11 39	4°23'56	16° 1	14° 8	10°49	20°34	0°24	3°39	21°25	14°D19	17°57	10°49	10°55	7°29	n.a.	W 5
T 6	6 15 36	5°24'32	28° 4	15°57	12° 3	20°31	0°37	3°44	21°24	14°19	17°56	10°41	10°52	7°36	n.a.	T 6
F 7	6 19 33	6°25'07	10♍15	17°46	13°18	20°28	0°49	3°49	21°22	14°19	17°55	10°37	10°48	7°43	n.a.	F 7
S 8	6 23 29	7°25'40	22°40	19°34	14°32	20°26	1° 2	3°55	21°21	14°19	17°53	10°34	10°45	7°50	n.a.	S 8
S 9	6 27 26	8°26'12	5♎22	21°21	15°47	20°25	1°14	4° 0	21°19	14°19	17°52	10°34	10°42	7°56	n.a.	S 9
M10	6 31 22	9°26'42	18°26	23° 6	17° 1	20°D25	1°27	4° 6	21°18	14°19	17°51	10°34	10°39	8° 3	n.a.	M10
T 11	6 35 19	10°27'11	1♏56	24°50	18°16	20°25	1°39	4°11	21°16	14°20	17°50	10°33	10°36	8°10	n.a.	T 11
W12	6 39 15	11°27'39	15°54	26°31	19°30	20°26	1°51	4°17	21°15	14°20	17°49	10°30	10°33	8°16	n.a.	W12
T 13	6 43 12	12°28'04	0♐21	28°10	20°45	20°28	2° 4	4°23	21°13	14°20	17°47	10°25	10°29	8°23	n.a.	T 13
F 14	6 47 8	13°28'29	15°14	29°45	21°59	20°31	2°16	4°29	21°12	14°20	17°46	10°16	10°26	8°30	n.a.	F 14
S 15	6 51 5	14°28'51	0♑26	1♒17	23°13	20°34	2°28	4°35	21°11	14°21	17°45	10° 6	10°23	8°37	n.a.	S 15
S 16	6 55 2	15°29'12	15°47	2°44	24°28	20°38	2°40	4°41	21° 9	14°21	17°44	9°54	10°20	8°43	n.a.	S 16
M17	6 58 58	16°29'31	1♒ 6	4° 7	25°42	20°43	2°52	4°47	21° 8	14°21	17°42	9°43	10°17	8°50	n.a.	M17
T 18	7 2 55	17°29'48	16°10	5°23	26°57	20°48	3° 4	4°53	21° 7	14°22	17°41	9°33	10°14	8°57	n.a.	T 18
W19	7 6 51	18°30'03	0♓51	6°34	28°11	20°54	3°16	4°59	21° 6	14°22	17°40	9°26	10°10	9° 4	n.a.	W19
T 20	7 10 48	19°30'15	15° 3	7°37	29°25	21° 1	3°27	5° 5	21° 5	14°23	17°38	9°22	10° 7	9°10	n.a.	T 20
F 21	7 14 44	20°30'25	28°46	8°33	0♑40	21° 8	3°39	5°11	21° 4	14°23	17°37	9°20	10° 4	9°17	n.a.	F 21
S 22	7 18 41	21°30'33	12♈ 0	9°21	1°54	21°16	3°50	5°18	21° 3	14°24	17°35	9°D20	10° 1	9°24	n.a.	S 22
S 23	7 22 37	22°30'38	24°50	10° 1	3° 9	21°25	4° 2	5°24	21° 2	14°24	17°34	9°R20	9°58	9°30	n.a.	S 23
M24	7 26 34	23°30'42	7♉19	10°32	4°23	21°34	4°13	5°30	21° 1	14°25	17°32	9°19	9°54	9°37	n.a.	M24
T 25	7 30 30	24°30'43	19°32	10°53	5°37	21°43	4°25	5°37	21° 1	14°26	17°31	9°16	9°51	9°44	n.a.	T 25
W26	7 34 27	25°30'41	1♊35	11° 6	6°52	21°54	4°36	5°43	21° 0	14°26	17°29	9°11	9°48	9°51	n.a.	W26
T 27	7 38 24	26°30'38	13°31	11°R 9	8° 6	22° 5	4°47	5°50	20°59	14°27	17°28	9° 3	9°45	9°57	n.a.	T 27
F 28	7 42 20	27°30'32	25°23	11° 3	9°20	22°16	4°58	5°57	20°59	14°28	17°26	8°52	9°42	10° 4	n.a.	F 28
S 29	7 46 17	28°30'24	7♋15	10°49	10°34	22°28	5° 9	6° 3	20°58	14°29	17°25	8°40	9°39	10°11	n.a.	S 29
S 30	7 50 13	29°30'13	19° 8	10°26	11°49	22°41	5°20	6°10	20°58	14°30	17°23	8°27	9°35	10°17	n.a.	S 30
M31	7 54 10	0♒30'01	1♌ 4	9♒55	13♉ 3	22♉54	5♐31	6♓17	20♉57	14♈30	17♌22	8♎14	9♎32	10♋24	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	18n58	4s52	25s32	1s53	21s11	0n27	21n14	3n 4	20s 5	0n18	12s40	2s23	18n23	0s 4	3n51	2s 3	31n23	16n37	4s42	4s28	18n31		n.a.
S 2	23 50	18 27	5 0	25 22	1 50	21 27	0 25	21 12	3 3	20 8	0 18	12 38	2 23	18 23	0 4	3 51	2 3	31 23	16 38	4 36	4 27	18 31		n.a.
M 3	23 49	17 8	4 54	25 10	1 46	21 42	0 22	21 10	3 3	20 11	0 18	12 36	2 23	18 23	0 4	3 51	2 3	31 24	16 38	4 30	4 26	18 31		n.a.
T 4	23 48	15 5	4 36	24 56	1 41	21 56	0 19	21 8	3 3	20 14	0 18	12 34	2 22	18 22	0 4	3 51	2 3	31 25	16 38	4 25	4 25	18 30		n.a.
W 5	23 46	12 24	4 6	24 40	1 36	22 10	0 17	21 7	3 2	20 17	0 18	12 32	2 22	18 22	0 4	3 51	2 3	31 26	16 39	4 21	4 23	18 30		n.a.
T 6	23 44	9 9	3 24	24 22	1 30	22 23	0 14	21 6	3 2	20 20	0 18	12 30	2 22	18 21	0 4	3 51	2 3	31 26	16 39	4 18	4 22	18 29		n.a.
F 7	23 41	5 30	2 33	24 1	1 24	22 35	0 11	21 4	3 2	20 22	0 18	12 28	2 22	18 21	0 4	3 51	2 3	31 27	16 40	4 16	4 21	18 29		n.a.
S 8	23 38	1 32	1 33	23 39	1 16	22 47	0 9	21 3	3 1	20 25	0 18	12 26	2 22	18 20	0 4	3 52	2 3	31 28	16 40	4 15	4 20	18 28		n.a.
S 9	23 34	2s35	0 27	23 14	1 8	22 58	0 6	21 3	3 1	20 28	0 18	12 24	2 21	18 20	0 4	3 52	2 2	31 29	16 41	4 15	4 18	18 28		n.a.
M10	23 30	6 42	0n41	22 48	0 59	23 8	0 3	21 2	3 0	20 30	0 18	12 21	2 21	18 20	0 4	3 52	2 2	31 30	16 41	4 15	4 17	18 28		n.a.
T 11	23 25	10 37	1 50	22 20	0 50	23 18	0 1	21 2	2 59	20 33	0 18	12 19	2 21	18 19	0 4	3 52	2 2	31 30	16 41	4 15	4 16	18 27		n.a.
W12	23 20	14 5	2 55	21 51	0 39	23 27	0s 2	21 1	2 59	20 36	0 18	12 17	2 21	18 19	0 4	3 52	2 2	31 31	16 42	4 13	4 14	18 27		n.a.
T 13	23 15	16 48	3 51	21 20	0 28	23 35	0 4	21 1	2 58	20 38	0 17	12 15	2 21	18 18	0 4	3 52	2 2	31 32	16 42	4 11	4 13	18 26		n.a.
F 14	23 9	18 30	4 32	20 48	0 16	23 43	0 7	21 1	2 58	20 41	0 17	12 12	2 21	18 18	0 4	3 52	2 2	31 33	16 42	4 8	4 12	18 26		n.a.
S 15	23 2	18 54	4 56	20 16	0 3	23 49	0 10	21 2	2 57	20 43	0 17	12 10	2 20	18 18	0 4	3 53	2 2	31 33	16 43	4 4	4 11	18 25		n.a.
S 16	22 55	17 57	4 59	19 43	0n10	23 55	0 12	21 2	2 56	20 46	0 17	12 8	2 20	18 17	0 4	3 53	2 2	31 34	16 43	3 59	4 9	18 25		n.a.
M17	22 48	15 42	4 40	19 10	0 24	24 1	0 15	21 3	2 56	20 48	0 17	12 5	2 20	18 17	0 4	3 53	2 2	31 35	16 44	3 55	4 8	18 24		n.a.
T 18	22 40	12 25	4 2	18 37	0 38	24 5	0 17	21 4	2 55	20 51	0 17	12 3	2 20	18 17	0 4	3 53	2 2	31 36	16 44	3 51	4 7	18 24		n.a.
W19	22 32	8 25	3 8	18 5	0 53	24 9	0 20	21 5	2 54	20 53	0 17	12 0	2 20	18 17	0 4	3 54	2 2	31 36	16 44	3 48	4 6	18 24		n.a.
T 20	22 24	4 4	2 5	17 34	1 9	24 12	0 22	21 6	2 54	20 55	0 17	11 58	2 20	18 16	0 4	3 54	2 2	31 37	16 44	3 46	4 4	18 23		n.a.
F 21	22 15	0n21	0 56	17 4	1 24	24 15	0 25	21 7	2 53	20 58	0 17	11 55	2 19	18 16	0 4	3 54	2 2	31 38	16 45	3 46	4 3	18 23		n.a.
S 22	22 5	4 36	0s14	16 37	1 40	24 16	0 27	21 8	2 52	21 0	0 17	11 53	2 19	18 16	0 3	3 54	2 2	31 39	16 45	3 45	4 2	18 22		n.a.
S 23	21 55	8 31	1 21	16 11	1 55	24 17	0 29	21 10	2 51	21 2	0 17	11 50	2 19	18 16	0 3	3 55	2 1	31 39	16 45	3 45	4 1	18 22		n.a.
M24	21 45	11 56	2 22	15 48	2 11	24 18	0 32	21 12	2 51	21 4	0 17	11 48	2 19	18 15	0 3	3 55	2 1	31 40	16 46	3 45	3 59	18 21		n.a.
T 25	21 35	14 46	3 16	15 27	2 26	24 17	0 34	21 14	2 50	21 7	0 16	11 45	2 19	18 15	0 3	3 55	2 1	31 41	16 46	3 44	3 58	18 21		n.a.
W26	21 24	16 55	4 0	15 10	2 40	24 16	0 36	21 16	2 49	21 9	0 16	11 43	2 19	18 15	0 3	3 56	2 1	31 42	16 46	3 42	3 57	18 20		n.a.
T 27	21 12	18 18	4 32	14 56	2 54	24 14	0 38	21 18	2 48	21 11	0 16	11 40	2 19	18 15	0 3	3 56	2 1	31 42	16 46	3 39	3 55	18 20		n.a.
F 28	21 0	18 53	4 53	14 45	3 6	24 11	0 41	21 20	2 48	21 13	0 16	11 37	2 19	18 15	0 3	3 56	2 1	31 43	16 47	3 34	3 54	18 19		n.a.
S 29	20 48	18 38	5 1	14 38	3 18	24 7	0 43	21 23	2 47	21 15	0 16	11 35	2 18	18 15	0 3	3 57	2 1	31 44	16 47	3 30	3 53	18 19		n.a.
S 30	20 36	17 34	4 56	14 35	3 28	24 3	0 45	21 25	2 46	21 17	0 16	11 32	2 18	18 14	0 3	3 57	2 1	31 45	16 47	3 24	3 52	18 18		n.a.
M31	20s23	15n44	4s38	14s35	3n37	23s58	0s47	21n28	2n45	21s19	0n16	11s29	2s18	18n14	0s 3	3n57	2s 1	31n45	16n47	3s19	3s50	18n18		n.a.

Julian Day Number = 1267417.5, Delta T = 08h20m25s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'51, Lahiri = -21°06'51 Julian Calendar 1 Jan. 1243 BCE == Greg. Calendar 21 Dec. 1244 BCE

The year -1242 astronomical counting style corresponds to year 1243 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1243 BCE
geocentric

FEBRUARY 1243 BCE (-1242) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 58 6	1♒29'46	13♌ 3	9°R17	14♋17	23♉ 7	5♐41	6♓24	20°R57	14♈31	17°R20	8°R 2	9♎29	10♋31	n.a.	T 1
W 2	8 2 3	2°29'29	25° 8	8♒33	15°32	23°21	5°52	6°31	20♉56	14°32	17♌19	7♎52	9°26	10°38	n.a.	W 2
T 3	8 5 59	3°29'10	7♍20	7°44	16°46	23°36	6° 2	6°38	20°56	14°33	17°17	7°45	9°23	10°44	n.a.	T 3
F 4	8 9 56	4°28'50	19°40	6°51	18° 0	23°51	6°13	6°45	20°56	14°34	17°16	7°41	9°20	10°51	n.a.	F 4
S 5	8 13 53	5°28'27	2♎12	5°56	19°14	24° 6	6°23	6°52	20°56	14°35	17°14	7°D40	9°16	10°58	n.a.	S 5
S 6	8 17 49	6°28'02	14°58	4°59	20°29	24°22	6°33	6°59	20°55	14°36	17°12	7°40	9°13	11° 5	n.a.	S 6
M 7	8 21 46	7°27'35	28° 2	4° 3	21°43	24°38	6°43	7° 6	20°55	14°37	17°11	7°40	9°10	11°11	n.a.	M 7
T 8	8 25 42	8°27'07	11♏27	3° 7	22°57	24°55	6°53	7°13	20°D55	14°38	17° 9	7°R41	9° 7	11°18	n.a.	T 8
W 9	8 29 39	9°26'36	25°15	2°14	24°11	25°12	7° 3	7°20	20°55	14°40	17° 8	7°39	9° 4	11°25	n.a.	W 9
T 10	8 33 35	10°26'04	9♐28	1°23	25°25	25°30	7°12	7°28	20°55	14°41	17° 6	7°36	9° 0	11°31	n.a.	T 10
F 11	8 37 32	11°25'30	24° 5	0°37	26°40	25°48	7°22	7°35	20°55	14°42	17° 4	7°31	8°57	11°38	n.a.	F 11
S 12	8 41 28	12°24'54	8♑59	29♑56	27°54	26° 6	7°31	7°42	20°56	14°43	17° 3	7°23	8°54	11°45	n.a.	S 12
S 13	8 45 25	13°24'16	24° 6	29°19	29° 8	26°25	7°41	7°49	20°56	14°44	17° 1	7°15	8°51	11°52	n.a.	S 13
M14	8 49 21	14°23'36	9♒13	28°48	0♒22	26°44	7°50	7°57	20°56	14°46	16°59	7° 7	8°48	11°58	n.a.	M14
T 15	8 53 18	15°22'53	24°13	28°23	1°36	27° 4	7°59	8° 4	20°56	14°47	16°58	7° 0	8°45	12° 5	n.a.	T 15
W16	8 57 15	16°22'08	8♓54	28° 4	2°51	27°24	8° 8	8°12	20°57	14°48	16°56	6°54	8°41	12°12	n.a.	W16
T 17	9 1 11	17°21'21	23°11	27°51	4° 5	27°44	8°17	8°19	20°57	14°50	16°54	6°52	8°38	12°19	n.a.	T 17
F 18	9 5 8	18°20'32	7♈ 1	27°43	5°19	28° 4	8°26	8°27	20°58	14°51	16°53	6°D51	8°35	12°25	n.a.	F 18
S 19	9 9 4	19°19'40	20°23	27°D42	6°33	28°25	8°34	8°34	20°58	14°52	16°51	6°51	8°32	12°32	n.a.	S 19
S 20	9 13 1	20°18'45	3♉19	27°45	7°47	28°47	8°43	8°42	20°59	14°54	16°49	6°53	8°29	12°39	n.a.	S 20
M21	9 16 57	21°17'49	15°53	27°55	9° 1	29° 8	8°51	8°49	21° 0	14°55	16°48	6°R54	8°25	12°45	n.a.	M21
T 22	9 20 54	22°16'50	28° 9	28° 9	10°15	29°30	8°59	8°57	21° 0	14°57	16°46	6°54	8°22	12°52	n.a.	T 22
W23	9 24 50	23°15'48	10♊13	28°29	11°29	29°52	9° 8	9° 4	21° 1	14°58	16°45	6°52	8°19	12°59	n.a.	W23
T 24	9 28 47	24°14'44	22° 8	28°53	12°43	0♊15	9°16	9°12	21° 2	15° 0	16°43	6°48	8°16	13° 6	n.a.	T 24
F 25	9 32 43	25°13'37	4♋ 0	29°22	13°57	0°38	9°23	9°20	21° 3	15° 1	16°41	6°43	8°13	13°12	n.a.	F 25
S 26	9 36 40	26°12'29	15°52	29°55	15°11	1° 1	9°31	9°27	21° 4	15° 3	16°40	6°36	8°10	13°19	n.a.	S 26
S 27	9 40 37	27°11'17	27°47	0♒32	16°26	1°24	9°39	9°35	21° 5	15° 5	16°38	6°29	8° 6	13°26	n.a.	S 27
M28	9 44 33	28♒10'04	9♌47	1♒13	17♒40	1♊48	9♐46	9♓43	21♉ 6	15♈ 6	16♌36	6♎22	8♎ 3	13♋33	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s10	13n13	4s 8	14s38	3n44	23s52	0s49	21n31	2n44	21s21	0n16	11s27	2s18	18n14	0s 3	3n58	2s 1	31n46	16n48	3s14	3s49	18n17		n.a.
W 2	19 56	10 8	3 26	14 45	3 49	23 46	0 51	21 33	2 44	21 23	0 16	11 24	2 18	18 14	0 3	3 58	2 1	31 47	16 48	3 10	3 48	18 17		n.a.
T 3	19 42	6 35	2 34	14 55	3 52	23 39	0 53	21 36	2 43	21 25	0 16	11 21	2 18	18 14	0 3	3 59	2 1	31 48	16 48	3 8	3 47	18 16		n.a.
F 4	19 28	2 43	1 34	15 7	3 53	23 31	0 55	21 40	2 42	21 27	0 16	11 19	2 18	18 14	0 3	3 59	2 1	31 48	16 48	3 6	3 45	18 16		n.a.
S 5	19 13	1s20	0 29	15 21	3 52	23 22	0 57	21 43	2 41	21 29	0 16	11 16	2 18	18 14	0 3	4 0	2 1	31 49	16 48	3 5	3 44	18 15		n.a.
S 6	18 58	5 24	0n39	15 38	3 49	23 13	0 58	21 46	2 40	21 31	0 15	11 13	2 18	18 14	0 3	4 0	2 0	31 50	16 49	3 5	3 43	18 15		n.a.
M 7	18 43	9 18	1 47	15 56	3 44	23 3	1 0	21 49	2 40	21 32	0 15	11 10	2 17	18 14	0 3	4 1	2 0	31 50	16 49	3 6	3 41	18 14		n.a.
T 8	18 27	12 49	2 50	16 15	3 38	22 52	1 2	21 53	2 39	21 34	0 15	11 7	2 17	18 14	0 3	4 1	2 0	31 51	16 49	3 6	3 40	18 14		n.a.
W 9	18 11	15 44	3 46	16 35	3 30	22 41	1 4	21 56	2 38	21 36	0 15	11 5	2 17	18 14	0 3	4 2	2 0	31 52	16 49	3 5	3 39	18 13		n.a.
T 10	17 55	17 48	4 30	16 56	3 20	22 29	1 5	22 0	2 37	21 38	0 15	11 2	2 17	18 14	0 3	4 2	2 0	31 52	16 49	3 4	3 38	18 13		n.a.
F 11	17 38	18 45	4 57	17 17	3 9	22 16	1 7	22 3	2 36	21 39	0 15	10 59	2 17	18 14	0 3	4 3	2 0	31 53	16 49	3 2	3 36	18 12		n.a.
S 12	17 22	18 27	5 5	17 37	2 57	22 2	1 8	22 7	2 36	21 41	0 15	10 56	2 17	18 14	0 3	4 3	2 0	31 54	16 49	2 59	3 35	18 11		n.a.
S 13	17 5	16 51	4 53	17 57	2 44	21 48	1 10	22 11	2 35	21 43	0 15	10 53	2 17	18 14	0 3	4 4	2 0	31 54	16 49	2 55	3 34	18 11		n.a.
M14	16 47	14 5	4 19	18 17	2 31	21 34	1 11	22 15	2 34	21 44	0 15	10 50	2 17	18 14	0 3	4 4	2 0	31 55	16 49	2 52	3 33	18 10		n.a.
T 15	16 30	10 24	3 28	18 36	2 17	21 18	1 12	22 19	2 33	21 46	0 15	10 47	2 17	18 14	0 3	4 5	2 0	31 55	16 50	2 49	3 31	18 10		n.a.
W16	16 12	6 8	2 25	18 54	2 2	21 3	1 14	22 23	2 33	21 47	0 15	10 45	2 17	18 15	0 3	4 5	2 0	31 56	16 50	2 47	3 30	18 9		n.a.
T 17	15 53	1 38	1 13	19 11	1 48	20 46	1 15	22 27	2 32	21 49	0 15	10 42	2 17	18 15	0 3	4 6	2 0	31 57	16 50	2 46	3 29	18 9		n.a.
F 18	15 35	2n49	0s 1	19 26	1 33	20 29	1 16	22 31	2 31	21 50	0 15	10 39	2 17	18 15	0 3	4 7	2 0	31 57	16 50	2 46	3 28	18 8		n.a.
S 19	15 16	6 59	1 12	19 41	1 19	20 11	1 17	22 35	2 30	21 52	0 14	10 36	2 17	18 15	0 3	4 7	2 0	31 58	16 50	2 46	3 26	18 8		n.a.
S 20	14 57	10 40	2 18	19 54	1 4	19 53	1 18	22 39	2 29	21 53	0 14	10 33	2 16	18 15	0 3	4 8	2 0	31 58	16 50	2 46	3 25	18 7		n.a.
M21	14 38	13 46	3 15	20 6	0 50	19 34	1 19	22 43	2 29	21 55	0 14	10 30	2 16	18 15	0 3	4 8	2 0	31 59	16 50	2 47	3 24	18 7		n.a.
T 22	14 19	16 9	4 2	20 17	0 36	19 15	1 20	22 47	2 28	21 56	0 14	10 27	2 16	18 16	0 3	4 9	2 0	31 59	16 50	2 47	3 22	18 6		n.a.
W23	13 59	17 48	4 37	20 26	0 23	18 55	1 21	22 51	2 27	21 57	0 14	10 24	2 16	18 16	0 3	4 10	1 59	32 0	16 50	2 46	3 21	18 5		n.a.
T 24	13 40	18 38	4 59	20 34	0 10	18 34	1 21	22 55	2 26	21 59	0 14	10 21	2 16	18 16	0 3	4 10	1 59	32 1	16 50	2 45	3 20	18 5		n.a.
F 25	13 20	18 38	5 9	20 40	0s 3	18 13	1 22	23 0	2 25	22 0	0 14	10 18	2 16	18 16	0 3	4 11	1 59	32 1	16 50	2 43	3 19	18 4		n.a.
S 26	12 59	17 50	5 5	20 45	0 15	17 52	1 23	23 4	2 25	22 1	0 14	10 15	2 16	18 16	0 3	4 12	1 59	32 2	16 50	2 40	3 17	18 4		n.a.
S 27	12 39	16 15	4 48	20 48	0 27	17 30	1 23	23 8	2 24	22 2	0 14	10 12	2 16	18 17	0 3	4 12	1 59	32 2	16 50	2 37	3 16	18 3		n.a.
M28	12s19	13n57	4s19	20s50	0s38	17s 8	1s24	23n12	2n23	22s 4	0n14	10s 9	2s16	18n17	0s 3	4n13	1s59	32n 3	16n50	2s34	3s15	18n 3		n.a.

Julian Day Number = 1267448.5, Delta T = 08h20m23s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'47, Lahiri = -21°06'47 Julian Calendar 1 Feb. 1243 BCE == Greg. Calendar 21 Jan. 1243 BCE

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ASTRODIENST EPHEMERIS for the year 1243 BCE
geocentric

MARCH 1243 BCE (-1242) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 48 30	29♒ 8'48	21♌55	1♒58	18♒54	2♊12	9♐53	9♓50	21♉ 7	15♈ 8	16°R35	6°R15	8♎ 0	13♋39	n.a.	T 1
W 2	9 52 26	0♓ 7'30	4♍11	2°46	20° 8	2°36	10° 0	9°58	21° 8	15°10	16♌33	6♎10	7°57	13°46	n.a.	W 2
T 3	9 56 23	1° 6'10	16°36	3°37	21°22	3° 1	10° 7	10° 6	21° 9	15°11	16°32	6° 7	7°54	13°53	n.a.	T 3
F 4	10 0 19	2° 4'48	29°13	4°32	22°36	3°25	10°14	10°14	21°10	15°13	16°30	6° 5	7°51	13°59	n.a.	F 4
S 5	10 4 16	3° 3'24	12♎ 0	5°30	23°50	3°50	10°21	10°21	21°12	15°15	16°28	6°D 5	7°47	14° 6	n.a.	S 5
S 6	10 8 12	4° 1'58	25° 1	6°30	25° 4	4°16	10°27	10°29	21°13	15°17	16°27	6° 6	7°44	14°13	n.a.	S 6
M 7	10 12 9	5° 0'31	8♏17	7°33	26°18	4°41	10°34	10°37	21°14	15°18	16°25	6° 8	7°41	14°20	n.a.	M 7
T 8	10 16 5	5°59'01	21°48	8°39	27°31	5° 7	10°40	10°45	21°16	15°20	16°24	6° 9	7°38	14°26	n.a.	T 8
W 9	10 20 2	6°57'30	5♐36	9°47	28°45	5°32	10°46	10°52	21°17	15°22	16°22	6°R10	7°35	14°33	n.a.	W 9
T 10	10 23 59	7°55'57	19°40	10°58	29°59	5°59	10°52	11° 0	21°19	15°24	16°21	6° 9	7°31	14°40	n.a.	T 10
F 11	10 27 55	8°54'22	4♑ 1	12°11	1♓13	6°25	10°58	11° 8	21°20	15°26	16°19	6° 7	7°28	14°46	n.a.	F 11
S 12	10 31 52	9°52'46	18°34	13°26	2°27	6°51	11° 3	11°16	21°22	15°28	16°18	6° 5	7°25	14°53	n.a.	S 12
S 13	10 35 48	10°51'08	3♒16	14°44	3°41	7°18	11° 9	11°24	21°23	15°30	16°16	6° 1	7°22	15° 0	n.a.	S 13
M14	10 39 45	11°49'28	17°59	16° 3	4°55	7°45	11°14	11°31	21°25	15°32	16°15	5°58	7°19	15° 7	n.a.	M14
T 15	10 43 41	12°47'46	2♓37	17°25	6° 9	8°12	11°19	11°39	21°27	15°33	16°13	5°55	7°16	15°13	n.a.	T 15
W16	10 47 38	13°46'03	17° 3	18°49	7°23	8°40	11°24	11°47	21°29	15°35	16°12	5°53	7°12	15°20	n.a.	W16
T 17	10 51 34	14°44'17	1♈11	20°14	8°37	9° 7	11°29	11°55	21°31	15°37	16°11	5°D52	7° 9	15°27	n.a.	T 17
F 18	10 55 31	15°42'29	14°57	21°42	9°51	9°35	11°33	12° 3	21°32	15°39	16° 9	5°52	7° 6	15°34	n.a.	F 18
S 19	10 59 28	16°40'40	28°19	23°12	11° 5	10° 3	11°38	12°10	21°34	15°41	16° 8	5°53	7° 3	15°40	n.a.	S 19
S 20	11 3 24	17°38'48	11♉18	24°43	12°19	10°31	11°42	12°18	21°36	15°43	16° 7	5°55	7° 0	15°47	n.a.	S 20
M21	11 7 21	18°36'54	23°56	26°16	13°33	10°59	11°46	12°26	21°38	15°45	16° 5	5°56	6°57	15°54	n.a.	M21
T 22	11 11 17	19°34'59	6♊16	27°51	14°46	11°28	11°50	12°34	21°40	15°47	16° 4	5°57	6°53	16° 0	n.a.	T 22
W23	11 15 14	20°33'01	18°23	29°28	16° 0	11°57	11°54	12°42	21°43	15°50	16° 3	5°R57	6°50	16° 7	n.a.	W23
T 24	11 19 10	21°31'01	0♋20	1♓ 7	17°14	12°25	11°57	12°49	21°45	15°52	16° 1	5°57	6°47	16°14	n.a.	T 24
F 25	11 23 7	22°28'59	12°13	2°48	18°28	12°54	12° 1	12°57	21°47	15°54	16° 0	5°56	6°44	16°21	n.a.	F 25
S 26	11 27 3	23°26'55	24° 7	4°30	19°42	13°24	12° 4	13° 5	21°49	15°56	15°59	5°55	6°41	16°27	n.a.	S 26
S 27	11 31 0	24°24'49	6♌ 4	6°15	20°56	13°53	12° 7	13°13	21°51	15°58	15°58	5°54	6°37	16°34	n.a.	S 27
M28	11 34 56	25°22'41	18° 8	8° 1	22° 9	14°22	12°10	13°20	21°54	16° 0	15°56	5°52	6°34	16°41	n.a.	M28
T 29	11 38 53	26°20'32	0♍23	9°49	23°23	14°52	12°12	13°28	21°56	16° 2	15°55	5°51	6°31	16°47	n.a.	T 29
W30	11 42 50	27°18'20	12°51	11°39	24°37	15°22	12°15	13°36	21°58	16° 4	15°54	5°50	6°28	16°54	n.a.	W30
T 31	11 46 46	28♓16'07	25♍32	13♓31	25♓51	15♊52	12♐17	13♓43	22♉ 1	16♈ 6	15♌53	5♎49	6♎25	17♋ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s58	11n 1	3s37	20s51	0s49	16s45	1s24	23n16	2n22	22s 5	0n14	10s 6	2s16	18n17	0s 3	4n14	1s59	32n 3	16n49	2s31	3s14	18n 2			n.a.
W 2	11 37	7 35	2 45	20 49	0 59	16 21	1 25	23 21	2 22	22 6	0 13	10 3	2 16	18 18	0 3	4 15	1 59	32 3	16 49	2 29	3 12	18 1			n.a.
T 3	11 16	3 47	1 44	20 47	1 9	15 58	1 25	23 25	2 21	22 7	0 13	10 0	2 16	18 18	0 3	4 15	1 59	32 4	16 49	2 28	3 11	18 1			n.a.
F 4	10 55	0s15	0 37	20 42	1 18	15 33	1 25	23 29	2 20	22 8	0 13	9 57	2 16	18 18	0 3	4 16	1 59	32 4	16 49	2 27	3 10	18 0			n.a.
S 5	10 33	4 20	0n32	20 36	1 26	15 9	1 26	23 33	2 19	22 9	0 13	9 54	2 16	18 19	0 3	4 17	1 59	32 5	16 49	2 27	3 8	18 0			n.a.
S 6	10 12	8 16	1 42	20 29	1 34	14 44	1 26	23 37	2 19	22 10	0 13	9 51	2 16	18 19	0 3	4 17	1 59	32 5	16 49	2 28	3 7	17 59			n.a.
M 7	9 50	11 52	2 47	20 20	1 42	14 18	1 26	23 41	2 18	22 11	0 13	9 48	2 16	18 19	0 3	4 18	1 59	32 6	16 49	2 28	3 6	17 58			n.a.
T 8	9 28	14 54	3 44	20 9	1 49	13 52	1 26	23 45	2 17	22 12	0 13	9 45	2 16	18 20	0 3	4 19	1 59	32 6	16 49	2 29	3 5	17 58			n.a.
W 9	9 6	17 10	4 30	19 56	1 55	13 26	1 26	23 49	2 16	22 13	0 13	9 42	2 16	18 20	0 3	4 20	1 59	32 6	16 49	2 29	3 3	17 57			n.a.
T 10	8 44	18 26	5 1	19 42	2 1	13 0	1 26	23 53	2 16	22 14	0 13	9 39	2 16	18 21	0 3	4 20	1 59	32 7	16 48	2 29	3 2	17 57			n.a.
F 11	8 22	18 34	5 13	19 27	2 6	12 33	1 26	23 57	2 15	22 15	0 13	9 36	2 16	18 21	0 3	4 21	1 59	32 7	16 48	2 28	3 1	17 56			n.a.
S 12	8 0	17 28	5 6	19 9	2 11	12 6	1 25	24 1	2 14	22 16	0 13	9 33	2 16	18 21	0 3	4 22	1 59	32 7	16 48	2 27	2 59	17 55			n.a.
S 13	7 37	15 14	4 39	18 50	2 15	11 38	1 25	24 5	2 14	22 17	0 12	9 30	2 16	18 22	0 3	4 23	1 59	32 8	16 48	2 26	2 58	17 55			n.a.
M14	7 15	12 0	3 53	18 30	2 19	11 10	1 25	24 9	2 13	22 18	0 12	9 27	2 16	18 22	0 3	4 24	1 59	32 8	16 48	2 24	2 57	17 54			n.a.
T 15	6 52	8 2	2 53	18 7	2 22	10 42	1 24	24 13	2 12	22 19	0 12	9 24	2 16	18 23	0 3	4 24	1 58	32 8	16 48	2 23	2 56	17 53			n.a.
W16	6 29	3 38	1 42	17 43	2 25	10 14	1 24	24 17	2 11	22 19	0 12	9 21	2 16	18 23	0 3	4 25	1 58	32 9	16 47	2 22	2 54	17 53			n.a.
T 17	6 6	0n52	0 26	17 18	2 27	9 45	1 23	24 20	2 11	22 20	0 12	9 18	2 16	18 24	0 3	4 26	1 58	32 9	16 47	2 22	2 53	17 52			n.a.
F 18	5 44	5 13	0s50	16 50	2 28	9 17	1 23	24 24	2 10	22 21	0 12	9 15	2 16	18 24	0 3	4 27	1 58	32 9	16 47	2 22	2 52	17 52			n.a.
S 19	5 21	9 11	2 1	16 21	2 29	8 47	1 22	24 27	2 9	22 22	0 12	9 12	2 16	18 25	0 3	4 28	1 58	32 9	16 47	2 23	2 51	17 51			n.a.
S 20	4 58	12 34	3 3	15 51	2 30	8 18	1 21	24 31	2 8	22 22	0 12	9 9	2 16	18 25	0 3	4 28	1 58	32 10	16 46	2 23	2 49	17 50			n.a.
M21	4 35	15 16	3 55	15 18	2 29	7 49	1 20	24 34	2 8	22 23	0 12	9 6	2 16	18 26	0 3	4 29	1 58	32 10	16 46	2 24	2 48	17 50			n.a.
T 22	4 11	17 12	4 35	14 44	2 29	7 19	1 20	24 38	2 7	22 24	0 12	9 3	2 16	18 27	0 3	4 30	1 58	32 10	16 46	2 24	2 47	17 49			n.a.
W23	3 48	18 19	5 1	14 8	2 27	6 49	1 19	24 41	2 6	22 24	0 12	9 0	2 16	18 27	0 3	4 31	1 58	32 10	16 46	2 24	2 45	17 48			n.a.
T 24	3 25	18 36	5 14	13 31	2 25	6 19	1 18	24 44	2 6	22 25	0 11	8 57	2 16	18 28	0 3	4 32	1 58	32 10	16 45	2 24	2 44	17 48			n.a.
F 25	3 2	18 3	5 14	12 52	2 23	5 48	1 17	24 48	2 5	22 25	0 11	8 54	2 16	18 28	0 3	4 33	1 58	32 10	16 45	2 24	2 43	17 47			n.a.
S 26	2 39	16 43	5 0	12 11	2 20	5 18	1 16	24 51	2 4	22 26	0 11	8 51	2 17	18 29	0 3	4 33	1 58	32 11	16 45	2 23	2 42	17 46			n.a.
S 27	2 15	14 39	4 33	11 29	2 17	4 48	1 14	24 54	2 4	22 26	0 11	8 48	2 17	18 29	0 3	4 34	1 58	32 11	16 45	2 23	2 40	17 46			n.a.
M28	1 52	11 56	3 54	10 45	2 12	4 17	1 13	24 56	2 3	22 27	0 11	8 45	2 17	18 30	0 3	4 35	1 58	32 11	16 44	2 22	2 39	17 45			n.a.
T 29	1 29	8 39	3 4	9 59	2 8	3 46	1 12	24 59	2 2	22 27	0 11	8 42	2 17	18 31	0 3	4 36	1 58	32 11	16 44	2 22	2 38	17 44			n.a.
W30	1 5	4 57	2 4	9 12	2 3	3 15	1 11	25 2	2 2	22 28	0 11	8 39	2 17	18 31	0 3	4 37	1 58	32 11	16 44	2 21	2 37	17 44			n.a.
T 31	0s42	0n56	0s57	8s23	1s57	2s44	1s 9	25n 5	2n 1	22s28	0n11	8s36	2s17	18n32	0s 3	4n38	1s58	32n11	16n43	2s21	2s35	17n43			n.a.

Julian Day Number = 1267476.5, Delta T = 08h20m22s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'43, Lahiri = -21°06'43 Julian Calendar 1 March 1243 BCE == Greg. Calendar 18 Feb. 1243 BCE

The year -1242 astronomical counting style corresponds to year 1243 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1243 BCE
geocentric

APRIL 1243 BCE (-1242) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 50 43	29♓13'52	8♎28	15♓24	27♓ 4	16♊22	12♐19	13♓51	22♉ 3	16♈ 9	15°R52	5°D49	6♎22	17♋ 8	n.a.	F 1
S 2	11 54 39	0♈11'36	21°38	17°20	28°18	16°52	12°21	13°58	22° 6	16°11	15♌51	5♎49	6°18	17°14	n.a.	S 2
S 3	11 58 36	1° 9'18	5♏ 2	19°17	29°32	17°22	12°23	14° 6	22° 8	16°13	15°50	5°50	6°15	17°21	n.a.	S 3
M 4	12 2 32	2° 6'59	18°39	21°16	0♈46	17°53	12°24	14°14	22°11	16°15	15°49	5°50	6°12	17°28	n.a.	M 4
T 5	12 6 29	3° 4'38	2♐28	23°17	2° 0	18°23	12°26	14°21	22°14	16°17	15°48	5°50	6° 9	17°35	n.a.	T 5
W 6	12 10 25	4° 2'17	16°27	25°20	3°13	18°54	12°27	14°29	22°16	16°19	15°47	5°50	6° 6	17°41	n.a.	W 6
T 7	12 14 22	4°59'54	0♑34	27°24	4°27	19°25	12°28	14°36	22°19	16°22	15°46	5°51	6° 2	17°48	n.a.	T 7
F 8	12 18 19	5°57'30	14°48	29°30	5°41	19°56	12°29	14°44	22°22	16°24	15°45	5°51	5°59	17°55	n.a.	F 8
S 9	12 22 15	6°55'05	29° 5	1♈37	6°54	20°27	12°29	14°51	22°24	16°26	15°44	5°51	5°56	18° 1	n.a.	S 9
S 10	12 26 12	7°52'39	13♒24	3°45	8° 8	20°58	12°30	14°59	22°27	16°28	15°43	5°51	5°53	18° 8	n.a.	S 10
M11	12 30 8	8°50'12	27°40	5°54	9°22	21°29	12°30	15° 6	22°30	16°31	15°42	5°51	5°50	18°15	n.a.	M11
T 12	12 34 5	9°47'44	11♓50	8° 4	10°36	22° 1	12°R30	15°13	22°33	16°33	15°41	5°51	5°47	18°22	n.a.	T 12
W13	12 38 1	10°45'14	25°50	10°15	11°49	22°33	12°30	15°21	22°36	16°35	15°41	5°52	5°43	18°28	n.a.	W13
T 14	12 41 58	11°42'44	9♈37	12°26	13° 3	23° 4	12°30	15°28	22°39	16°37	15°40	5°R52	5°40	18°35	n.a.	T 14
F 15	12 45 54	12°40'12	23° 7	14°38	14°17	23°36	12°29	15°35	22°41	16°40	15°39	5°51	5°37	18°42	n.a.	F 15
S 16	12 49 51	13°37'39	6♉20	16°49	15°31	24° 8	12°28	15°42	22°44	16°42	15°38	5°51	5°34	18°48	n.a.	S 16
S 17	12 53 47	14°35'05	19°14	19° 0	16°44	24°40	12°28	15°50	22°47	16°44	15°38	5°50	5°31	18°55	n.a.	S 17
M18	12 57 44	15°32'29	1♊50	21°10	17°58	25°13	12°26	15°57	22°50	16°46	15°37	5°48	5°28	19° 2	n.a.	M18
T 19	13 1 41	16°29'52	14°10	23°19	19°12	25°45	12°25	16° 4	22°54	16°48	15°37	5°47	5°24	19° 9	n.a.	T 19
W20	13 5 37	17°27'14	26°18	25°27	20°25	26°17	12°24	16°11	22°57	16°51	15°36	5°46	5°21	19°15	n.a.	W20
T 21	13 9 34	18°24'34	8♋17	27°33	21°39	26°50	12°22	16°18	23° 0	16°53	15°35	5°45	5°18	19°22	n.a.	T 21
F 22	13 13 30	19°21'54	20°11	29°38	22°53	27°22	12°20	16°25	23° 3	16°55	15°35	5°D45	5°15	19°29	n.a.	F 22
S 23	13 17 27	20°19'12	2♌ 4	1♉41	24° 6	27°55	12°18	16°32	23° 6	16°57	15°34	5°45	5°12	19°35	n.a.	S 23
S 24	13 21 23	21°16'28	14° 2	3°42	25°20	28°28	12°16	16°39	23° 9	17° 0	15°34	5°46	5° 8	19°42	n.a.	S 24
M25	13 25 20	22°13'44	26° 9	5°41	26°34	29° 1	12°14	16°46	23°12	17° 2	15°34	5°48	5° 5	19°49	n.a.	M25
T 26	13 29 16	23°10'58	8♍29	7°37	27°47	29°34	12°11	16°53	23°16	17° 4	15°33	5°49	5° 2	19°56	n.a.	T 26
W27	13 33 13	24° 8'12	21° 5	9°31	29° 1	0♋ 7	12° 8	17° 0	23°19	17° 6	15°33	5°50	4°59	20° 2	n.a.	W27
T 28	13 37 10	25° 5'24	3♎59	11°23	0♉15	0°40	12° 5	17° 6	23°22	17° 9	15°32	5°R51	4°56	20° 9	n.a.	T 28
F 29	13 41 6	26° 2'35	17°13	13°13	1°28	1°14	12° 2	17°13	23°25	17°11	15°32	5°50	4°53	20°16	n.a.	F 29
S 30	13 45 3	26♈59'46	0♏46	14♉59	2♉42	1♋47	11♐59	17♓20	23♉29	17♈13	15♌32	5♎49	4♎49	20♋22	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s19	3s11	0n15	7s32	1s51	2s13	1s 8	25n 7	2n 0	22s28	0n11	8s33	2s17	18n33	0s 3	4n39	1s58	32n11	16n43	2s21	2s34	17n42		n.a.
S 2	0n 5	7 14	1 27	6 40	1 44	1 42	1 7	25 10	2 0	22 29	0 10	8 30	2 17	18 33	0 3	4 39	1 58	32 11	16 43	2 21	2 33	17 42		n.a.
S 3	0 28	10 59	2 35	5 47	1 37	1 11	1 5	25 12	1 59	22 29	0 10	8 28	2 17	18 34	0 3	4 40	1 58	32 11	16 42	2 21	2 31	17 41		n.a.
M 4	0 51	14 12	3 36	4 52	1 29	0 40	1 3	25 14	1 58	22 29	0 10	8 25	2 17	18 35	0 3	4 41	1 58	32 11	16 42	2 21	2 30	17 40		n.a.
T 5	1 15	16 40	4 25	3 56	1 21	0 8	1 2	25 16	1 58	22 30	0 10	8 22	2 17	18 35	0 3	4 42	1 58	32 11	16 42	2 21	2 29	17 40		n.a.
W 6	1 38	18 11	4 59	2 59	1 12	0n23	1 0	25 18	1 57	22 30	0 10	8 19	2 17	18 36	0 3	4 43	1 58	32 11	16 41	2 21	2 28	17 39		n.a.
T 7	2 1	18 35	5 16	2 1	1 3	0 54	0 59	25 20	1 56	22 30	0 10	8 16	2 17	18 37	0 3	4 44	1 58	32 11	16 41	2 21	2 26	17 38		n.a.
F 8	2 24	17 49	5 13	1 1	0 53	1 25	0 57	25 22	1 56	22 31	0 10	8 13	2 18	18 38	0 3	4 45	1 58	32 11	16 41	2 21	2 25	17 38		n.a.
S 9	2 47	15 56	4 51	0 1	0 44	1 57	0 55	25 24	1 55	22 31	0 10	8 10	2 18	18 38	0 3	4 45	1 58	32 11	16 40	2 21	2 24	17 37		n.a.
S 10	3 11	13 4	4 12	1n 0	0 34	2 28	0 53	25 26	1 54	22 31	0 10	8 7	2 18	18 39	0 3	4 46	1 58	32 11	16 40	2 22	2 22	17 36		n.a.
M11	3 34	9 25	3 16	2 1	0 23	2 59	0 51	25 27	1 54	22 31	0 9	8 5	2 18	18 40	0 3	4 47	1 58	32 11	16 39	2 22	2 21	17 36		n.a.
T 12	3 57	5 15	2 9	3 3	0 13	3 30	0 50	25 28	1 53	22 31	0 9	8 2	2 18	18 40	0 3	4 48	1 58	32 11	16 39	2 22	2 20	17 35		n.a.
W13	4 20	0 50	0 55	4 5	0 2	4 1	0 48	25 30	1 52	22 31	0 9	7 59	2 18	18 41	0 2	4 49	1 58	32 11	16 39	2 22	2 19	17 34		n.a.
T 14	4 42	3n33	0s21	5 7	0n 8	4 32	0 46	25 31	1 52	22 31	0 9	7 56	2 18	18 42	0 2	4 50	1 58	32 10	16 38	2 22	2 17	17 33		n.a.
F 15	5 5	7 41	1 34	6 9	0 19	5 3	0 44	25 32	1 51	22 31	0 9	7 54	2 18	18 43	0 2	4 51	1 58	32 10	16 38	2 22	2 16	17 33		n.a.
S 16	5 28	11 19	2 41	7 10	0 29	5 34	0 42	25 33	1 50	22 31	0 9	7 51	2 18	18 44	0 2	4 52	1 58	32 10	16 37	2 22	2 15	17 32		n.a.
S 17	5 50	14 20	3 38	8 10	0 39	6 5	0 40	25 33	1 50	22 31	0 9	7 48	2 19	18 44	0 2	4 52	1 58	32 10	16 37	2 21	2 13	17 31		n.a.
M18	6 13	16 35	4 23	9 9	0 49	6 35	0 37	25 34	1 49	22 31	0 9	7 45	2 19	18 45	0 2	4 53	1 58	32 10	16 36	2 21	2 12	17 31		n.a.
T 19	6 35	18 1	4 54	10 7	0 59	7 6	0 35	25 34	1 48	22 31	0 8	7 43	2 19	18 46	0 2	4 54	1 58	32 10	16 36	2 20	2 11	17 30		n.a.
W20	6 58	18 35	5 12	11 3	1 8	7 36	0 33	25 35	1 48	22 31	0 8	7 40	2 19	18 47	0 2	4 55	1 58	32 9	16 36	2 20	2 10	17 29		n.a.
T 21	7 20	18 19	5 16	11 58	1 17	8 6	0 31	25 35	1 47	22 31	0 8	7 37	2 19	18 48	0 2	4 56	1 58	32 9	16 35	2 19	2 8	17 28		n.a.
F 22	7 42	17 15	5 6	12 51	1 25	8 36	0 29	25 35	1 46	22 31	0 8	7 35	2 19	18 48	0 2	4 57	1 58	32 9	16 35	2 19	2 7	17 28		n.a.
S 23	8 4	15 25	4 44	13 43	1 33	9 5	0 27	25 35	1 46	22 31	0 8	7 32	2 19	18 49	0 2	4 58	1 58	32 9	16 34	2 19	2 6	17 27		n.a.
S 24	8 26	12 56	4 9	14 32	1 40	9 35	0 24	25 35	1 45	22 31	0 8	7 29	2 20	18 50	0 2	4 59	1 58	32 8	16 34	2 20	2 5	17 26		n.a.
M25	8 48	9 51	3 22	15 19	1 47	10 4	0 22	25 35	1 45	22 31	0 8	7 27	2 20	18 51	0 2	4 59	1 58	32 8	16 33	2 20	2 3	17 25		n.a.
T 26	9 9	6 17	2 25	16 4	1 53	10 33	0 20	25 34	1 44	22 30	0 8	7 24	2 20	18 52	0 2	5 0	1 58	32 8	16 33	2 21	2 2	17 25		n.a.
W27	9 31	2 22	1 21	16 46	1 58	11 2	0 17	25 34	1 43	22 30	0 7	7 22	2 20	18 52	0 2	5 1	1 58	32 8	16 33	2 21	2 1	17 24		n.a.
T 28	9 52	1s46	0 10	17 26	2 3	11 31	0 15	25 33	1 43	22 30	0 7	7 19	2 20	18 53	0 2	5 2	1 58	32 7	16 32	2 21	1 59	17 23		n.a.
F 29	10 13	5 55	1n 2	18 4	2 7	11 59	0 13	25 32	1 42	22 30	0 7	7 17	2 20	18 54	0 2	5 3	1 58	32 7	16 32	2 21	1 58	17 23		n.a.
S 30	10n34	9s51	2n13	18n40	2n10	12n27	0s10	25n31	1n41	22s29	0n 7	7s14	2s20	18n55	0s 2	5n 4	1s58	32n 6	16n31	2s21	1s57	17n22		n.a.

Julian Day Number = 1267507.5, Delta T = 08h20m20s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'39, Lahiri = -21°06'39 Julian Calendar 1 Apr. 1243 BCE == Greg. Calendar 21 March 1243 BCE

The year -1242 astronomical counting style corresponds to year 1243 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1243 BCE
geocentric

MAY 1243 BCE (-1242) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 48 59	27♈56'56	14♏36	16♉44	3♉55	2♋21	11°R55	17♓26	23♉32	17♈15	15°R32	5°R47	4♎46	20♋29	n.a.	S 1
M 2	13 52 56	28°54'05	28°40	18°25	5° 9	2°54	11♐52	17°33	23°35	17°18	15♌31	5♎44	4°43	20°36	n.a.	M 2
T 3	13 56 52	29°51'14	12♐55	20° 4	6°23	3°28	11°48	17°39	23°39	17°20	15°31	5°40	4°40	20°43	n.a.	T 3
W 4	14 0 49	0♉48'23	27°14	21°41	7°36	4° 2	11°44	17°46	23°42	17°22	15°31	5°37	4°37	20°49	n.a.	W 4
T 5	14 4 46	1°45'31	11♊35	23°14	8°50	4°36	11°40	17°52	23°46	17°24	15°31	5°35	4°33	20°56	n.a.	T 5
F 6	14 8 42	2°42'39	25°52	24°46	10° 4	5°10	11°36	17°58	23°49	17°26	15°31	5°34	4°30	21° 3	n.a.	F 6
S 7	14 12 39	3°39'47	10♒ 4	26°14	11°17	5°44	11°31	18° 5	23°52	17°28	15°31	5°D34	4°27	21°10	n.a.	S 7
S 8	14 16 35	4°36'54	24° 8	27°40	12°31	6°18	11°27	18°11	23°56	17°31	15°D31	5°35	4°24	21°16	n.a.	S 8
M 9	14 20 32	5°34'01	8♓ 3	29° 3	13°44	6°52	11°22	18°17	23°59	17°33	15°31	5°36	4°21	21°23	n.a.	M 9
T 10	14 24 28	6°31'08	21°48	0♊23	14°58	7°26	11°17	18°23	24° 3	17°35	15°31	5°38	4°18	21°30	n.a.	T 10
W11	14 28 25	7°28'15	5♈21	1°40	16°12	8° 1	11°12	18°29	24° 6	17°37	15°31	5°R38	4°14	21°36	n.a.	W11
T 12	14 32 21	8°25'22	18°43	2°55	17°25	8°35	11° 6	18°35	24°10	17°39	15°31	5°38	4°11	21°43	n.a.	T 12
F 13	14 36 18	9°22'28	1♉52	4° 6	18°39	9°10	11° 1	18°41	24°13	17°41	15°31	5°35	4° 8	21°50	n.a.	F 13
S 14	14 40 15	10°19'34	14°48	5°15	19°52	9°44	10°56	18°47	24°17	17°43	15°31	5°31	4° 5	21°57	n.a.	S 14
S 15	14 44 11	11°16'40	27°29	6°21	21° 6	10°19	10°50	18°53	24°20	17°46	15°32	5°26	4° 2	22° 3	n.a.	S 15
M16	14 48 8	12°13'46	9♊58	7°23	22°20	10°54	10°44	18°59	24°24	17°48	15°32	5°20	3°59	22°10	n.a.	M16
T 17	14 52 4	13°10'51	22°14	8°22	23°33	11°29	10°38	19° 4	24°27	17°50	15°32	5°13	3°55	22°17	n.a.	T 17
W18	14 56 1	14° 7'56	4♋19	9°18	24°47	12° 4	10°32	19°10	24°31	17°52	15°32	5° 7	3°52	22°23	n.a.	W18
T 19	14 59 57	15° 5'01	16°16	10°11	26° 1	12°39	10°26	19°15	24°35	17°54	15°33	5° 2	3°49	22°30	n.a.	T 19
F 20	15 3 54	16° 2'05	28° 9	11° 0	27°14	13°14	10°20	19°21	24°38	17°56	15°33	4°59	3°46	22°37	n.a.	F 20
S 21	15 7 50	16°59'09	10♌ 1	11°45	28°28	13°49	10°13	19°26	24°42	17°58	15°34	4°57	3°43	22°44	n.a.	S 21
S 22	15 11 47	17°56'13	21°58	12°27	29°41	14°25	10° 7	19°32	24°45	18° 0	15°34	4°D57	3°39	22°50	n.a.	S 22
M23	15 15 44	18°53'16	4♍ 4	13° 4	0♊55	15° 0	10° 0	19°37	24°49	18° 2	15°35	4°58	3°36	22°57	n.a.	M23
T 24	15 19 40	19°50'19	16°24	13°38	2° 8	15°36	9°53	19°42	24°53	18° 4	15°35	4°59	3°33	23° 4	n.a.	T 24
W25	15 23 37	20°47'22	29° 2	14° 8	3°22	16°11	9°46	19°47	24°56	18° 6	15°36	5°R 0	3°30	23°10	n.a.	W25
T 26	15 27 33	21°44'25	12♎ 3	14°33	4°36	16°47	9°39	19°52	25° 0	18° 8	15°36	5° 0	3°27	23°17	n.a.	T 26
F 27	15 31 30	22°41'28	25°29	14°54	5°49	17°22	9°32	19°57	25° 3	18°10	15°37	4°59	3°24	23°24	n.a.	F 27
S 28	15 35 26	23°38'31	9♏19	15°11	7° 3	17°58	9°25	20° 2	25° 7	18°12	15°37	4°55	3°20	23°31	n.a.	S 28
S 29	15 39 23	24°35'34	23°31	15°23	8°16	18°34	9°18	20° 7	25°11	18°14	15°38	4°49	3°17	23°37	n.a.	S 29
M30	15 43 20	25°32'38	8♐ 2	15°30	9°30	19°10	9°11	20°12	25°14	18°15	15°39	4°42	3°14	23°44	n.a.	M30
T 31	15 47 16	26♉29'42	22♐43	15°R33	10♊43	19♋46	9♐ 4	20♓16	25♉18	18♈17	15♌39	4♎34	3♎11	23♋51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	10n55	13s21	3n17	19n13	2n12	12n55	0s 8	25n30	1n41	22s29	0n 7	7s12	2s21	18n56	0s 2	5n 5	1s58	32n 6	16n31	2s20	1s56	17n21		n.a.	S 1
M 2	11 16	16 7	4 11	19 44	2 14	13 22	0 6	25 29	1 40	22 29	0 7	7 9	2 21	18 57	0 2	5 5	1 58	32 6	16 30	2 19	1 54	17 20		n.a.	M 2
T 3	11 36	17 56	4 49	20 13	2 15	13 49	0 3	25 27	1 39	22 28	0 7	7 7	2 21	18 58	0 2	5 6	1 58	32 5	16 30	2 17	1 53	17 19		n.a.	T 3
W 4	11 57	18 38	5 10	20 40	2 15	14 16	0 1	25 25	1 39	22 28	0 6	7 4	2 21	18 58	0 2	5 7	1 58	32 5	16 29	2 16	1 52	17 19		n.a.	W 4
T 5	12 17	18 9	5 12	21 4	2 15	14 42	0n 1	25 24	1 38	22 27	0 6	7 2	2 21	18 59	0 2	5 8	1 58	32 5	16 29	2 15	1 50	17 18		n.a.	T 5
F 6	12 37	16 30	4 54	21 26	2 14	15 8	0 4	25 22	1 38	22 27	0 6	7 0	2 22	19 0	0 2	5 9	1 58	32 4	16 28	2 15	1 49	17 17		n.a.	F 6
S 7	12 57	13 52	4 19	21 46	2 12	15 34	0 6	25 20	1 37	22 26	0 6	6 57	2 22	19 1	0 2	5 10	1 58	32 4	16 28	2 15	1 48	17 16		n.a.	S 7
S 8	13 16	10 26	3 28	22 4	2 9	15 59	0 9	25 17	1 36	22 26	0 6	6 55	2 22	19 2	0 2	5 10	1 58	32 3	16 27	2 15	1 47	17 16		n.a.	S 8
M 9	13 36	6 27	2 25	22 20	2 6	16 24	0 11	25 15	1 36	22 25	0 6	6 53	2 22	19 3	0 2	5 11	1 58	32 3	16 27	2 16	1 45	17 15		n.a.	M 9
T 10	13 55	2 10	1 15	22 33	2 2	16 49	0 13	25 13	1 35	22 25	0 6	6 51	2 22	19 4	0 2	5 12	1 58	32 2	16 26	2 16	1 44	17 14		n.a.	T 10
W11	14 14	2n11	0 2	22 45	1 57	17 13	0 16	25 10	1 34	22 24	0 5	6 48	2 22	19 5	0 2	5 13	1 58	32 2	16 26	2 17	1 43	17 13		n.a.	W11
T 12	14 33	6 22	1s11	22 55	1 52	17 36	0 18	25 7	1 34	22 24	0 5	6 46	2 23	19 5	0 2	5 14	1 58	32 1	16 25	2 16	1 41	17 13		n.a.	T 12
F 13	14 51	10 10	2 18	23 3	1 46	17 59	0 21	25 4	1 33	22 23	0 5	6 44	2 23	19 6	0 2	5 15	1 58	32 1	16 25	2 15	1 40	17 12		n.a.	F 13
S 14	15 10	13 24	3 17	23 9	1 39	18 22	0 23	25 1	1 33	22 22	0 5	6 42	2 23	19 7	0 2	5 15	1 58	32 0	16 24	2 14	1 39	17 11		n.a.	S 14
S 15	15 28	15 57	4 5	23 14	1 32	18 44	0 25	24 58	1 32	22 22	0 5	6 40	2 23	19 8	0 2	5 16	1 58	32 0	16 24	2 12	1 38	17 10		n.a.	S 15
M16	15 46	17 42	4 40	23 17	1 24	19 6	0 28	24 54	1 31	22 21	0 5	6 38	2 23	19 9	0 2	5 17	1 58	31 59	16 23	2 9	1 36	17 9		n.a.	M16
T 17	16 3	18 35	5 2	23 18	1 15	19 27	0 30	24 50	1 31	22 20	0 5	6 35	2 24	19 10	0 2	5 18	1 58	31 59	16 23	2 7	1 35	17 9		n.a.	T 17
W18	16 21	18 36	5 10	23 18	1 5	19 48	0 32	24 47	1 30	22 20	0 4	6 33	2 24	19 11	0 2	5 18	1 58	31 58	16 22	2 4	1 34	17 8		n.a.	W18
T 19	16 38	17 48	5 4	23 16	0 55	20 8	0 34	24 43	1 30	22 19	0 4	6 31	2 24	19 12	0 2	5 19	1 58	31 58	16 22	2 2	1 32	17 7		n.a.	T 19
F 20	16 55	16 13	4 45	23 12	0 45	20 28	0 37	24 39	1 29	22 18	0 4	6 29	2 24	19 13	0 2	5 20	1 58	31 57	16 22	2 1	1 31	17 6		n.a.	F 20
S 21	17 11	13 57	4 14	23 8	0 34	20 47	0 39	24 34	1 28	22 17	0 4	6 27	2 25	19 14	0 2	5 21	1 58	31 56	16 21	2 0	1 30	17 5		n.a.	S 21
S 22	17 28	11 5	3 32	23 2	0 22	21 5	0 41	24 30	1 28	22 17	0 4	6 26	2 25	19 14	0 2	5 21	1 58	31 56	16 21	2 0	1 29	17 5		n.a.	S 22
M23	17 44	7 43	2 40	22 54	0 9	21 23	0 43	24 25	1 27	22 16	0 4	6 24	2 25	19 15	0 2	5 22	1 58	31 55	16 20	2 0	1 27	17 4		n.a.	M23
T 24	18 0	3 56	1 39	22 46	0s 3	21 41	0 46	24 21	1 26	22 15	0 3	6 22	2 25	19 16	0 2	5 23	1 58	31 55	16 20	2 1	1 26	17 3		n.a.	T 24
W25	18 15	0s 6	0 32	22 36	0 17	21 58	0 48	24 16	1 26	22 14	0 3	6 20	2 25	19 17	0 2	5 24	1 58	31 54	16 19	2 1	1 25	17 2		n.a.	W25
T 26	18 30	4 16	0n38	22 25	0 31	22 14	0 50	24 10	1 25	22 13	0 3	6 18	2 26	19 18	0 2	5 24	1 58	31 53	16 19	2 1	1 24	17 1		n.a.	T 26
F 27	18 45	8 20	1 48	22 14	0 45	22 29	0 52	24 5	1 25	22 12	0 3	6 16	2 26	19 19	0 2	5 25	1 58	31 53	16 18	2 1	1 22	17 0		n.a.	F 27
S 28	19 0	12 5	2 54	22 1	0 59	22 44	0 54	24 0	1 24	22 11	0 3	6 15	2 26	19 20	0 2	5 26	1 58	31 52	16 18	1 59	1 21	17 0		n.a.	S 28
S 29	19 14	15 14	3 51	21 47	1 14	22 58	0 56	23 54	1 23	22 10	0 3	6 13	2 26	19 21	0 2	5 27	1 58	31 51	16 17	1 57	1 20	16 59		n.a.	S 29
M30	19 28	17 30	4 34	21 33	1 29	23 12	0 58	23 49	1 23	22 9	0 3	6 11	2 27	19 22	0 2	5 27	1 58	31 51	16 17	1 54	1 18	16 58		n.a.	M30
T 31	19n42	18s39	5n 0	21n18	1s45	23n25	1n 0	23n43	1n22	22s 8	0n 2	6s10	2s27	19n23	0s 2	5n28	1s58	31n50	16n16	1s51	1s17	16n57		n.a.	T 31

Julian Day Number = 1267537.5, Delta T = 08h20m18s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'35, Lahiri = -21°06'35 Julian Calendar 1 May 1243 BCE == Greg. Calendar 20 Apr. 1243 BCE

The year -1242 astronomical counting style corresponds to year 1243 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1243 BCE
geocentric

JUNE 1243 BCE (-1242) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 51 13	27♉26'46	7♑28	15°R31	11♊57	20♋22	8°R56	20♓21	25♉22	18♈19	15♌40	4°R27	3♎ 8	23♋57	n.a.	W 1
T 2	15 55 9	28°23'51	22°10	15♊24	13°11	20°58	8♐49	20°25	25°25	18°21	15°41	4♎21	3° 5	24° 4	n.a.	T 2
F 3	15 59 6	29°20'56	6♒40	15°12	14°24	21°34	8°41	20°30	25°29	18°23	15°42	4°16	3° 1	24°11	n.a.	F 3
S 4	16 3 2	0♊18'02	20°57	14°56	15°38	22°10	8°34	20°34	25°32	18°25	15°43	4°14	2°58	24°18	n.a.	S 4
S 5	16 6 59	1°15'09	4♓57	14°36	16°51	22°47	8°26	20°38	25°36	18°26	15°44	4°D14	2°55	24°24	n.a.	S 5
M 6	16 10 55	2°12'17	18°41	14°11	18° 5	23°23	8°19	20°42	25°40	18°28	15°45	4°15	2°52	24°31	n.a.	M 6
T 7	16 14 52	3° 9'25	2♈ 8	13°43	19°18	24° 0	8°11	20°46	25°43	18°30	15°45	4°R15	2°49	24°38	n.a.	T 7
W 8	16 18 49	4° 6'35	15°21	13°11	20°32	24°36	8° 3	20°50	25°47	18°31	15°46	4°15	2°45	24°44	n.a.	W 8
T 9	16 22 45	5° 3'45	28°22	12°36	21°45	25°13	7°55	20°54	25°50	18°33	15°47	4°12	2°42	24°51	n.a.	T 9
F 10	16 26 42	6° 0'56	11♉10	11°58	22°59	25°49	7°48	20°58	25°54	18°35	15°48	4° 7	2°39	24°58	n.a.	F 10
S 11	16 30 38	6°58'07	23°47	11°19	24°12	26°26	7°40	21° 2	25°58	18°36	15°50	4° 0	2°36	25° 5	n.a.	S 11
S 12	16 34 35	7°55'20	6♊14	10°38	25°26	27° 3	7°32	21° 5	26° 1	18°38	15°51	3°50	2°33	25°11	n.a.	S 12
M13	16 38 31	8°52'33	18°31	9°56	26°40	27°40	7°24	21° 9	26° 5	18°40	15°52	3°38	2°30	25°18	n.a.	M13
T 14	16 42 28	9°49'47	0♋39	9°15	27°53	28°17	7°17	21°12	26° 8	18°41	15°53	3°26	2°26	25°25	n.a.	T 14
W15	16 46 24	10°47'02	12°39	8°34	29° 7	28°54	7° 9	21°16	26°12	18°43	15°54	3°15	2°23	25°31	n.a.	W15
T 16	16 50 21	11°44'17	24°33	7°55	0♋20	29°31	7° 1	21°19	26°15	18°44	15°55	3° 5	2°20	25°38	n.a.	T 16
F 17	16 54 18	12°41'33	6♌23	7°19	1°34	0♌ 8	6°54	21°22	26°19	18°46	15°57	2°57	2°17	25°45	n.a.	F 17
S 18	16 58 14	13°38'50	18°14	6°45	2°47	0°46	6°46	21°25	26°22	18°47	15°58	2°52	2°14	25°52	n.a.	S 18
S 19	17 2 11	14°36'07	0♍ 8	6°15	4° 1	1°23	6°38	21°28	26°26	18°49	15°59	2°49	2°10	25°58	n.a.	S 19
M20	17 6 7	15°33'25	12°12	5°49	5°14	2° 0	6°31	21°31	26°29	18°50	16° 0	2°D48	2° 7	26° 5	n.a.	M20
T 21	17 10 4	16°30'43	24°29	5°28	6°28	2°38	6°23	21°34	26°33	18°51	16° 2	2°48	2° 4	26°12	n.a.	T 21
W22	17 14 0	17°28'03	7♎ 5	5°11	7°41	3°15	6°16	21°37	26°36	18°53	16° 3	2°R48	2° 1	26°18	n.a.	W22
T 23	17 17 57	18°25'23	20° 6	5° 1	8°55	3°53	6° 8	21°39	26°40	18°54	16° 5	2°47	1°58	26°25	n.a.	T 23
F 24	17 21 54	19°22'44	3♏34	4°D56	10° 8	4°31	6° 1	21°42	26°43	18°55	16° 6	2°44	1°55	26°32	n.a.	F 24
S 25	17 25 50	20°20'06	17°30	4°58	11°22	5° 8	5°54	21°44	26°46	18°57	16° 7	2°39	1°51	26°39	n.a.	S 25
S 26	17 29 47	21°17'29	1♐54	5° 6	12°35	5°46	5°46	21°46	26°50	18°58	16° 9	2°31	1°48	26°45	n.a.	S 26
M27	17 33 43	22°14'53	16°42	5°20	13°49	6°24	5°39	21°48	26°53	18°59	16°10	2°21	1°45	26°52	n.a.	M27
T 28	17 37 40	23°12'18	1♑44	5°41	15° 2	7° 2	5°32	21°50	26°57	19° 0	16°12	2°10	1°42	26°59	n.a.	T 28
W29	17 41 36	24° 9'44	16°52	6° 9	16°15	7°40	5°25	21°52	27° 0	19° 2	16°14	2° 0	1°39	27° 5	n.a.	W29
T 30	17 45 33	25♊ 7'12	1♒54	6♊43	17♋29	8♌18	5♐18	21♓54	27♉ 3	19♈ 3	16♌15	1♎51	1♎36	27♋12	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n55	18s32	5n 6	21n 3	2s 0	23n37	1n 2	23n37	1n22	22s 7	0n 2	6s 8	2s27	19n23	0s 2	5n29	1s59	31n49	16n16	1s48	1s16	16n56		n.a.
T 2	20 8	17 11	4 52	20 47	2 16	23 49	1 4	23 30	1 21	22 6	0 2	6 7	2 27	19 24	0 2	5 29	1 59	31 49	16 15	1 45	1 15	16 55		n.a.
F 3	20 21	14 44	4 19	20 30	2 31	24 0	1 5	23 24	1 20	22 5	0 2	6 5	2 28	19 25	0 2	5 30	1 59	31 48	16 15	1 44	1 13	16 55		n.a.
S 4	20 33	11 26	3 31	20 14	2 46	24 10	1 7	23 17	1 20	22 4	0 2	6 3	2 28	19 26	0 2	5 31	1 59	31 47	16 14	1 43	1 12	16 54		n.a.
S 5	20 45	7 32	2 30	19 57	3 0	24 19	1 9	23 11	1 19	22 3	0 2	6 2	2 28	19 27	0 2	5 31	1 59	31 46	16 14	1 43	1 11	16 53		n.a.
M 6	20 57	3 17	1 22	19 40	3 14	24 28	1 11	23 4	1 18	22 2	0 1	6 1	2 28	19 28	0 2	5 32	1 59	31 46	16 13	1 43	1 9	16 52		n.a.
T 7	21 8	1n 2	0 11	19 24	3 27	24 36	1 12	22 57	1 18	22 1	0 1	5 59	2 29	19 29	0 2	5 32	1 59	31 45	16 13	1 43	1 8	16 51		n.a.
W 8	21 19	5 14	0s59	19 7	3 40	24 43	1 14	22 50	1 17	22 0	0 1	5 58	2 29	19 30	0 2	5 33	1 59	31 44	16 13	1 43	1 7	16 50		n.a.
T 9	21 30	9 8	2 5	18 52	3 51	24 50	1 15	22 42	1 17	21 59	0 1	5 57	2 29	19 30	0 2	5 34	1 59	31 43	16 12	1 42	1 6	16 50		n.a.
F 10	21 40	12 31	3 4	18 36	4 2	24 56	1 17	22 35	1 16	21 58	0 1	5 55	2 30	19 31	0 2	5 34	1 59	31 43	16 12	1 40	1 4	16 49		n.a.
S 11	21 50	15 17	3 52	18 22	4 11	25 1	1 18	22 27	1 15	21 57	0 1	5 54	2 30	19 32	0 2	5 35	1 59	31 42	16 11	1 37	1 3	16 48		n.a.
S 12	22 0	17 18	4 29	18 9	4 19	25 5	1 20	22 19	1 15	21 56	0 0	5 53	2 30	19 33	0 2	5 35	1 59	31 41	16 11	1 33	1 2	16 47		n.a.
M13	22 9	18 29	4 52	17 57	4 25	25 9	1 21	22 11	1 14	21 54	0 0	5 52	2 30	19 34	0 2	5 36	1 59	31 40	16 10	1 28	1 0	16 46		n.a.
T 14	22 18	18 48	5 2	17 46	4 29	25 11	1 22	22 3	1 14	21 53	0 0	5 51	2 31	19 35	0 2	5 37	1 59	31 40	16 10	1 23	0 59	16 45		n.a.
W15	22 26	18 17	4 58	17 37	4 32	25 14	1 23	21 55	1 13	21 52	0s 0	5 49	2 31	19 36	0 2	5 37	1 59	31 39	16 9	1 19	0 58	16 44		n.a.
T 16	22 34	16 57	4 42	17 30	4 34	25 15	1 24	21 46	1 12	21 51	0 0	5 48	2 31	19 36	0 2	5 38	1 59	31 38	16 9	1 15	0 57	16 43		n.a.
F 17	22 42	14 54	4 13	17 24	4 33	25 15	1 26	21 37	1 12	21 50	0 0	5 47	2 31	19 37	0 2	5 38	1 59	31 37	16 9	1 12	0 55	16 43		n.a.
S 18	22 49	12 14	3 33	17 20	4 31	25 15	1 27	21 29	1 11	21 49	0 1	5 46	2 32	19 38	0 2	5 39	1 59	31 36	16 8	1 10	0 54	16 42		n.a.
S 19	22 56	9 3	2 44	17 19	4 28	25 14	1 28	21 20	1 10	21 48	0 1	5 46	2 32	19 39	0 2	5 39	1 59	31 36	16 8	1 8	0 53	16 41		n.a.
M20	23 2	5 27	1 47	17 20	4 23	25 12	1 28	21 11	1 10	21 46	0 1	5 45	2 32	19 40	0 2	5 40	1 59	31 35	16 7	1 8	0 51	16 40		n.a.
T 21	23 9	1 33	0 44	17 22	4 16	25 10	1 29	21 1	1 9	21 45	0 1	5 44	2 33	19 41	0 2	5 40	1 59	31 34	16 7	1 8	0 50	16 39		n.a.
W22	23 14	2s31	0n23	17 27	4 8	25 7	1 30	20 52	1 9	21 44	0 1	5 43	2 33	19 41	0 2	5 41	2 0	31 33	16 7	1 8	0 49	16 38		n.a.
T 23	23 20	6 36	1 30	17 35	3 59	25 3	1 31	20 42	1 8	21 43	0 1	5 42	2 33	19 42	0 2	5 41	2 0	31 32	16 6	1 8	0 48	16 37		n.a.
F 24	23 24	10 29	2 35	17 44	3 48	24 58	1 31	20 33	1 7	21 42	0 2	5 41	2 34	19 43	0 2	5 42	2 0	31 32	16 6	1 6	0 46	16 36		n.a.
S 25	23 29	13 56	3 33	17 55	3 37	24 52	1 32	20 23	1 7	21 41	0 2	5 41	2 34	19 44	0 2	5 42	2 0	31 31	16 5	1 4	0 45	16 35		n.a.
S 26	23 33	16 39	4 19	18 9	3 25	24 46	1 33	20 13	1 6	21 40	0 2	5 40	2 34	19 45	0 2	5 42	2 0	31 30	16 5	1 1	0 44	16 35		n.a.
M27	23 36	18 21	4 50	18 24	3 12	24 39	1 33	20 2	1 5	21 38	0 2	5 40	2 34	19 46	0 2	5 43	2 0	31 29	16 5	0 57	0 42	16 34		n.a.
T 28	23 40	18 49	5 1	18 42	2 58	24 31	1 33	19 52	1 5	21 37	0 2	5 39	2 35	19 46	0 2	5 43	2 0	31 28	16 4	0 53	0 41	16 33		n.a.
W29	23 42	17 57	4 51	19 0	2 44	24 23	1 34	19 42	1 4	21 36	0 2	5 38	2 35	19 47	0 2	5 44	2 0	31 27	16 4	0 48	0 40	16 32		n.a.
T 30	23n45	15s50	4n21	19n21	2s29	24n14	1n34	19n31	1n 4	21s35	0s 3	5s38	2s35	19n48	0s 2	5n44	2s 0	31n26	16n 4	0s45	0s39	16n31		n.a.

Julian Day Number = 1267568.5, Delta T = 08h20m17s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'31, Lahiri = -21°06'30 Julian Calendar 1 June 1243 BCE == Greg. Calendar 21 May 1243 BCE

The year -1242 astronomical counting style corresponds to year 1243 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1243 BCE
geocentric

JULY 1243 BCE (-1242) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 49 29	26♊ 4'41	16♒43	7♊24	18♋42	8♌56	5°R12	21♓56	27♉ 6	19♈ 4	16♌17	1°R45	1♎32	27♋19	n.a.	F 1
S 2	17 53 26	27° 2'12	1♓13	8°11	19°56	9°34	5♐ 5	21°58	27°10	19° 5	16°18	1♎41	1°29	27°26	n.a.	S 2
S 3	17 57 23	27°59'45	15°19	9° 5	21° 9	10°12	4°58	21°59	27°13	19° 6	16°20	1°39	1°26	27°32	n.a.	S 3
M 4	18 1 19	28°57'18	29° 2	10° 4	22°22	10°51	4°52	22° 1	27°16	19° 7	16°22	1°39	1°23	27°39	n.a.	M 4
T 5	18 5 16	29°54'54	12♈23	11°10	23°36	11°29	4°46	22° 2	27°19	19° 8	16°23	1°39	1°20	27°46	n.a.	T 5
W 6	18 9 12	0♋52'31	25°25	12°22	24°49	12° 7	4°39	22° 3	27°23	19° 9	16°25	1°38	1°16	27°52	n.a.	W 6
T 7	18 13 9	1°50'11	8♉12	13°40	26° 3	12°46	4°33	22° 4	27°26	19°10	16°27	1°34	1°13	27°59	n.a.	T 7
F 8	18 17 5	2°47'51	20°45	15° 3	27°16	13°24	4°27	22° 6	27°29	19°11	16°29	1°28	1°10	28° 6	n.a.	F 8
S 9	18 21 2	3°45'34	3♊ 7	16°30	28°29	14° 3	4°21	22° 6	27°32	19°12	16°30	1°19	1° 7	28°13	n.a.	S 9
S 10	18 24 58	4°43'18	15°20	18° 3	29°43	14°42	4°16	22° 7	27°35	19°13	16°32	1° 7	1° 4	28°19	n.a.	S 10
M11	18 28 55	5°41'04	27°26	19°40	0♌56	15°21	4°10	22° 8	27°38	19°13	16°34	0°54	1° 1	28°26	n.a.	M11
T 12	18 32 52	6°38'52	9♋26	21°21	2° 9	15°59	4° 5	22° 9	27°41	19°14	16°36	0°40	0°57	28°33	n.a.	T 12
W13	18 36 48	7°36'41	21°21	23° 6	3°23	16°38	3°59	22° 9	27°44	19°15	16°38	0°27	0°54	28°39	n.a.	W13
T 14	18 40 45	8°34'31	3♌12	24°53	4°36	17°17	3°54	22° 9	27°47	19°16	16°40	0°15	0°51	28°46	n.a.	T 14
F 15	18 44 41	9°32'23	15° 1	26°44	5°49	17°56	3°49	22°10	27°50	19°16	16°41	0° 5	0°48	28°53	n.a.	F 15
S 16	18 48 38	10°30'17	26°51	28°37	7° 2	18°35	3°44	22°10	27°53	19°17	16°43	29♍58	0°45	28°59	n.a.	S 16
S 17	18 52 34	11°28'12	8♍45	0♋31	8°16	19°15	3°40	22°R10	27°56	19°18	16°45	29°54	0°42	29° 6	n.a.	S 17
M18	18 56 31	12°26'08	20°48	2°27	9°29	19°54	3°35	22°10	27°58	19°18	16°47	29°53	0°38	29°13	n.a.	M18
T 19	19 0 27	13°24'06	3♎ 3	4°25	10°42	20°33	3°31	22°10	28° 1	19°19	16°49	29°D52	0°35	29°20	n.a.	T 19
W20	19 4 24	14°22'06	15°36	6°23	11°55	21°12	3°27	22° 9	28° 4	19°19	16°51	29°R53	0°32	29°26	n.a.	W20
T 21	19 8 21	15°20'07	28°32	8°21	13° 9	21°52	3°23	22° 9	28° 7	19°20	16°53	29°52	0°29	29°33	n.a.	T 21
F 22	19 12 17	16°18'09	11♏55	10°20	14°22	22°31	3°19	22° 9	28° 9	19°20	16°55	29°50	0°26	29°40	n.a.	F 22
S 23	19 16 14	17°16'14	25°48	12°18	15°35	23°11	3°15	22° 8	28°12	19°21	16°57	29°45	0°22	29°46	n.a.	S 23
S 24	19 20 10	18°14'19	10♐10	14°17	16°48	23°51	3°12	22° 7	28°15	19°21	16°59	29°38	0°19	29°53	n.a.	S 24
M25	19 24 7	19°12'27	24°59	16°14	18° 1	24°30	3° 8	22° 6	28°17	19°22	17° 1	29°29	0°16	29°59	n.a.	M25
T 26	19 28 3	20°10'36	10♑ 8	18°12	19°14	25°10	3° 5	22° 6	28°20	19°22	17° 4	29°19	0°13	0♌ 7	n.a.	T 26
W27	19 32 0	21° 8'47	25°26	20° 8	20°27	25°50	3° 2	22° 5	28°22	19°22	17° 6	29° 9	0°10	0°13	n.a.	W27
T 28	19 35 56	22° 7'00	10♒43	22° 4	21°40	26°30	2°59	22° 3	28°25	19°22	17° 8	29° 1	0° 7	0°20	n.a.	T 28
F 29	19 39 53	23° 5'15	25°48	23°58	22°53	27°10	2°57	22° 2	28°27	19°23	17°10	28°55	0° 3	0°27	n.a.	F 29
S 30	19 43 50	24° 3'32	10♓31	25°52	24° 6	27°50	2°54	22° 1	28°30	19°23	17°12	28°51	0° 0	0°33	n.a.	S 30
S 31	19 47 46	25♋ 1'51	24♓50	27♋45	25♌19	28♌30	2♐52	21♓59	28♉32	19♈23	17♌14	28°D50	29♍57	0♌40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n47	12s42	3n34	19n42	2s14	24n 4	1n34	19n20	1n 3	21s34	0s 3	5s38	2s36	19n49	0s 2	5n44	2s 0	31n26	16n 3	0s42	0s37	16n30		n.a.
S 2	23 48	8 50	2 33	20 5	1 59	23 53	1 34	19 9	1 2	21 33	0 3	5 37	2 36	19 49	0 2	5 45	2 0	31 25	16 3	0 41	0 36	16 29		n.a.
S 3	23 49	4 34	1 25	20 28	1 44	23 42	1 34	18 58	1 2	21 32	0 3	5 37	2 36	19 50	0 2	5 45	2 0	31 24	16 3	0 40	0 35	16 28		n.a.
M 4	23 50	0 11	0 14	20 52	1 29	23 30	1 34	18 47	1 1	21 31	0 3	5 36	2 36	19 51	0 2	5 45	2 0	31 23	16 2	0 40	0 33	16 27		n.a.
T 5	23 50	4n 7	0s56	21 17	1 14	23 17	1 34	18 36	1 0	21 30	0 3	5 36	2 37	19 52	0 2	5 46	2 0	31 22	16 2	0 40	0 32	16 26		n.a.
W 6	23 50	8 6	2 2	21 41	0 59	23 3	1 34	18 24	1 0	21 29	0 4	5 36	2 37	19 52	0 2	5 46	2 0	31 21	16 2	0 39	0 31	16 25		n.a.
T 7	23 50	11 38	3 0	22 6	0 44	22 49	1 33	18 12	0 59	21 28	0 4	5 36	2 37	19 53	0 2	5 46	2 0	31 20	16 1	0 38	0 30	16 24		n.a.
F 8	23 49	14 34	3 48	22 30	0 30	22 35	1 33	18 1	0 59	21 27	0 4	5 36	2 38	19 54	0 2	5 47	2 0	31 19	16 1	0 36	0 28	16 24		n.a.
S 9	23 47	16 48	4 25	22 53	0 16	22 19	1 33	17 49	0 58	21 26	0 4	5 36	2 38	19 55	0 2	5 47	2 1	31 19	16 1	0 32	0 27	16 23		n.a.
S 10	23 45	18 14	4 49	23 15	0 3	22 3	1 32	17 37	0 57	21 25	0 4	5 36	2 38	19 55	0 2	5 47	2 1	31 18	16 0	0 27	0 26	16 22		n.a.
M11	23 43	18 50	4 59	23 36	0n10	21 46	1 32	17 24	0 57	21 24	0 4	5 36	2 39	19 56	0 2	5 47	2 1	31 17	16 0	0 22	0 24	16 21		n.a.
T 12	23 40	18 34	4 56	23 55	0 22	21 29	1 31	17 12	0 56	21 23	0 4	5 36	2 39	19 57	0 2	5 48	2 1	31 16	16 0	0 16	0 23	16 20		n.a.
W13	23 37	17 30	4 40	24 13	0 34	21 11	1 30	16 59	0 55	21 22	0 5	5 36	2 39	19 57	0 2	5 48	2 1	31 15	15 59	0 11	0 22	16 19		n.a.
T 14	23 33	15 41	4 13	24 28	0 44	20 53	1 30	16 47	0 55	21 22	0 5	5 36	2 40	19 58	0 2	5 48	2 1	31 14	15 59	0 6	0 21	16 18		n.a.
F 15	23 29	13 12	3 34	24 42	0 54	20 34	1 29	16 34	0 54	21 21	0 5	5 36	2 40	19 59	0 2	5 48	2 1	31 13	15 59	0 2	0 19	16 17		n.a.
S 16	23 25	10 11	2 45	24 53	1 3	20 14	1 28	16 21	0 54	21 20	0 5	5 36	2 40	20 0	0 2	5 49	2 1	31 12	15 59	0n 1	0 18	16 16		n.a.
S 17	23 20	6 44	1 49	25 1	1 11	19 54	1 27	16 8	0 53	21 19	0 5	5 36	2 40	20 0	0 2	5 49	2 1	31 12	15 58	0 2	0 17	16 15		n.a.
M18	23 15	2 58	0 48	25 7	1 18	19 33	1 26	15 55	0 52	21 19	0 5	5 37	2 41	20 1	0 2	5 49	2 1	31 11	15 58	0 3	0 16	16 14		n.a.
T 19	23 9	0s59	0n17	25 11	1 25	19 12	1 24	15 42	0 52	21 18	0 5	5 37	2 41	20 1	0 2	5 49	2 1	31 10	15 58	0 3	0 14	16 13		n.a.
W20	23 3	4 59	1 23	25 11	1 30	18 50	1 23	15 28	0 51	21 17	0 6	5 37	2 41	20 2	0 2	5 49	2 1	31 9	15 58	0 3	0 13	16 12		n.a.
T 21	22 56	8 52	2 26	25 9	1 35	18 28	1 22	15 15	0 50	21 17	0 6	5 38	2 42	20 3	0 2	5 49	2 1	31 8	15 57	0 3	0 12	16 11		n.a.
F 22	22 50	12 26	3 24	25 5	1 39	18 5	1 21	15 1	0 50	21 16	0 6	5 38	2 42	20 3	0 2	5 49	2 1	31 7	15 57	0 4	0 10	16 10		n.a.
S 23	22 42	15 27	4 11	24 57	1 42	17 41	1 19	14 47	0 49	21 15	0 6	5 39	2 42	20 4	0 2	5 50	2 1	31 6	15 57	0 6	0 9	16 9		n.a.
S 24	22 34	17 38	4 45	24 48	1 45	17 18	1 18	14 33	0 48	21 15	0 6	5 39	2 42	20 5	0 2	5 50	2 1	31 5	15 57	0 9	0 8	16 8		n.a.
M25	22 26	18 43	5 2	24 36	1 47	16 53	1 16	14 19	0 48	21 14	0 6	5 40	2 43	20 5	0 2	5 50	2 2	31 5	15 57	0 13	0 7	16 7		n.a.
T 26	22 18	18 30	4 57	24 21	1 48	16 29	1 14	14 5	0 47	21 14	0 6	5 41	2 43	20 6	0 2	5 50	2 2	31 4	15 56	0 17	0 5	16 6		n.a.
W27	22 9	16 57	4 32	24 5	1 48	16 3	1 13	13 51	0 47	21 13	0 7	5 41	2 43	20 6	0 1	5 50	2 2	31 3	15 56	0 21	0 4	16 5		n.a.
T 28	21 59	14 12	3 47	23 46	1 48	15 38	1 11	13 37	0 46	21 13	0 7	5 42	2 44	20 7	0 1	5 50	2 2	31 2	15 56	0 24	0 3	16 4		n.a.
F 29	21 50	10 32	2 46	23 26	1 47	15 12	1 9	13 22	0 45	21 13	0 7	5 43	2 44	20 7	0 1	5 50	2 2	31 1	15 56	0 26	0 1	16 3		n.a.
S 30	21 39	6 16	1 36	23 3	1 46	14 46	1 7	13 7	0 45	21 12	0 7	5 44	2 44	20 8	0 1	5 50	2 2	31 0	15 56	0 28	0 0	16 2		n.a.
S 31	21n29	1s46	0n21	22n39	1n44	14n19	1n 5	12n53	0n44	21s12	0s 7	5s44	2s45	20n 9	0s 1	5n50	2s 2	30n59	15n56	0n28	0n 1	16n 1		n.a.

Julian Day Number = 1267598.5, Delta T = 08h20m15s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'27, Lahiri = -21°06'26 Julian Calendar 1 July 1243 BCE == Greg. Calendar 20 June 1243 BCE

The year -1242 astronomical counting style corresponds to year 1243 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1243 BCE
geocentric

AUGUST 1243 BCE (-1242) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 51 43	26♋ 0'12	8♈40	29♋36	26♌32	29♌10	2°R50	21°R58	28♉34	19♈23	17♌16	28♍50	29♍54	0♌47	n.a.	M 1
T 2	19 55 39	26°58'36	22° 5	1♌27	27°45	29°50	2♐48	21♓56	28°37	19°23	17°18	28°R51	29°51	0°53	n.a.	T 2
W 3	19 59 36	27°57'02	5♉ 6	3°16	28°58	0♍30	2°47	21°54	28°39	19°23	17°21	28°51	29°48	1° 0	n.a.	W 3
T 4	20 3 32	28°55'30	17°48	5° 4	0♍11	1°10	2°45	21°53	28°41	19°R23	17°23	28°49	29°44	1° 7	n.a.	T 4
F 5	20 7 29	29°54'01	0♊13	6°52	1°24	1°51	2°44	21°51	28°43	19°23	17°25	28°45	29°41	1°14	n.a.	F 5
S 6	20 11 25	0♌52'34	12°26	8°38	2°37	2°31	2°43	21°49	28°46	19°23	17°27	28°38	29°38	1°20	n.a.	S 6
S 7	20 15 22	1°51'09	24°31	10°23	3°49	3°12	2°42	21°46	28°48	19°23	17°29	28°30	29°35	1°27	n.a.	S 7
M 8	20 19 18	2°49'47	6♋29	12° 7	5° 2	3°52	2°41	21°44	28°50	19°23	17°32	28°19	29°32	1°34	n.a.	M 8
T 9	20 23 15	3°48'27	18°22	13°50	6°15	4°33	2°41	21°42	28°52	19°23	17°34	28° 9	29°28	1°40	n.a.	T 9
W10	20 27 12	4°47'09	0♌14	15°31	7°28	5°14	2°40	21°39	28°54	19°23	17°36	27°58	29°25	1°47	n.a.	W10
T 11	20 31 8	5°45'52	12° 4	17°12	8°41	5°54	2°D40	21°37	28°55	19°23	17°38	27°49	29°22	1°54	n.a.	T 11
F 12	20 35 5	6°44'39	23°55	18°52	9°53	6°35	2°40	21°34	28°57	19°22	17°41	27°42	29°19	2° 1	n.a.	F 12
S 13	20 39 1	7°43'27	5♍49	20°31	11° 6	7°16	2°41	21°31	28°59	19°22	17°43	27°37	29°16	2° 7	n.a.	S 13
S 14	20 42 58	8°42'17	17°48	22° 8	12°19	7°57	2°41	21°29	29° 1	19°22	17°45	27°35	29°13	2°14	n.a.	S 14
M15	20 46 54	9°41'09	29°55	23°45	13°31	8°38	2°42	21°26	29° 3	19°21	17°47	27°D34	29° 9	2°21	n.a.	M15
T 16	20 50 51	10°40'03	12♎14	25°21	14°44	9°19	2°43	21°23	29° 4	19°21	17°50	27°35	29° 6	2°27	n.a.	T 16
W17	20 54 47	11°38'59	24°48	26°56	15°56	10° 0	2°44	21°20	29° 6	19°21	17°52	27°36	29° 3	2°34	n.a.	W17
T 18	20 58 44	12°37'56	7♏42	28°30	17° 9	10°42	2°45	21°16	29° 8	19°20	17°54	27°R37	29° 0	2°41	n.a.	T 18
F 19	21 2 40	13°36'56	20°59	0♍ 3	18°21	11°23	2°47	21°13	29° 9	19°20	17°57	27°37	28°57	2°47	n.a.	F 19
S 20	21 6 37	14°35'58	4♐43	1°35	19°34	12° 4	2°48	21°10	29°11	19°19	17°59	27°35	28°54	2°54	n.a.	S 20
S 21	21 10 34	15°35'01	18°54	3° 6	20°46	12°46	2°50	21° 6	29°12	19°19	18° 1	27°32	28°50	3° 1	n.a.	S 21
M22	21 14 30	16°34'07	3♑31	4°36	21°59	13°27	2°52	21° 3	29°13	19°18	18° 3	27°27	28°47	3° 8	n.a.	M22
T 23	21 18 27	17°33'14	18°29	6° 5	23°11	14° 9	2°54	20°59	29°15	19°18	18° 6	27°21	28°44	3°14	n.a.	T 23
W24	21 22 23	18°32'24	3♒40	7°33	24°23	14°50	2°57	20°56	29°16	19°17	18° 8	27°15	28°41	3°21	n.a.	W24
T 25	21 26 20	19°31'35	18°55	9° 1	25°36	15°32	2°59	20°52	29°17	19°16	18°10	27°10	28°38	3°28	n.a.	T 25
F 26	21 30 16	20°30'49	4♓ 3	10°27	26°48	16°13	3° 2	20°48	29°18	19°16	18°13	27° 6	28°34	3°34	n.a.	F 26
S 27	21 34 13	21°30'05	18°54	11°53	28° 0	16°55	3° 5	20°44	29°19	19°15	18°15	27° 5	28°31	3°41	n.a.	S 27
S 28	21 38 9	22°29'23	3♈23	13°17	29°12	17°37	3° 8	20°40	29°21	19°14	18°17	27°D 4	28°28	3°48	n.a.	S 28
M29	21 42 6	23°28'44	17°24	14°41	0♎24	18°19	3°12	20°36	29°22	19°13	18°19	27° 6	28°25	3°54	n.a.	M29
T 30	21 46 3	24°28'07	0♉57	16° 3	1°36	19° 1	3°15	20°32	29°23	19°13	18°22	27° 7	28°22	4° 1	n.a.	T 30
W31	21 49 59	25♌27'33	14♉ 4	17♍24	2♎48	19♍43	3♐19	20♓28	29♉23	19♈12	18♌24	27♍ 8	28♍19	4♌ 8	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n18	2n42	0s52	22n14	1n41	13n52	1n 3	12n38	0n43	21s12	0s 7	5s45	2s45	20n 9	0s 1	5n50	2s 2	30n59	15n55	0n28	0n 2	16n 0		n.a.
T 2	21 7	6 53	2 1	21 46	1 39	13 24	1 1	12 23	0 43	21 11	0 7	5 46	2 45	20 10	0 1	5 50	2 2	30 58	15 55	0 28	0 4	15 59		n.a.
W 3	20 55	10 36	3 1	21 18	1 35	12 56	0 59	12 8	0 42	21 11	0 8	5 47	2 45	20 10	0 1	5 50	2 2	30 57	15 55	0 28	0 5	15 58		n.a.
T 4	20 43	13 44	3 51	20 48	1 32	12 28	0 56	11 53	0 41	21 11	0 8	5 48	2 46	20 11	0 1	5 50	2 2	30 56	15 55	0 29	0 6	15 57		n.a.
F 5	20 31	16 10	4 28	20 17	1 28	12 0	0 54	11 38	0 41	21 11	0 8	5 49	2 46	20 11	0 1	5 50	2 2	30 55	15 55	0 30	0 8	15 56		n.a.
S 6	20 18	17 49	4 53	19 45	1 23	11 31	0 52	11 22	0 40	21 11	0 8	5 50	2 46	20 12	0 1	5 50	2 2	30 54	15 55	0 33	0 9	15 55		n.a.
S 7	20 5	18 40	5 4	19 12	1 19	11 2	0 49	11 7	0 39	21 11	0 8	5 51	2 46	20 12	0 1	5 50	2 2	30 54	15 55	0 37	0 10	15 54		n.a.
M 8	19 51	18 39	5 2	18 38	1 14	10 33	0 47	10 51	0 39	21 11	0 8	5 52	2 47	20 13	0 1	5 49	2 2	30 53	15 55	0 41	0 11	15 53		n.a.
T 9	19 37	17 50	4 46	18 3	1 9	10 3	0 44	10 36	0 38	21 11	0 8	5 54	2 47	20 13	0 1	5 49	2 3	30 52	15 55	0 45	0 13	15 52		n.a.
W10	19 23	16 14	4 19	17 27	1 3	9 33	0 42	10 20	0 37	21 11	0 8	5 55	2 47	20 13	0 1	5 49	2 3	30 51	15 55	0 49	0 14	15 51		n.a.
T 11	19 9	13 57	3 40	16 51	0 57	9 3	0 39	10 4	0 37	21 11	0 9	5 56	2 47	20 14	0 1	5 49	2 3	30 50	15 54	0 53	0 15	15 50		n.a.
F 12	18 54	11 5	2 51	16 14	0 51	8 33	0 36	9 48	0 36	21 11	0 9	5 57	2 48	20 14	0 1	5 49	2 3	30 49	15 54	0 56	0 17	15 49		n.a.
S 13	18 39	7 45	1 55	15 37	0 45	8 2	0 33	9 32	0 35	21 11	0 9	5 59	2 48	20 15	0 1	5 49	2 3	30 49	15 54	0 58	0 18	15 48		n.a.
S 14	18 23	4 6	0 53	14 59	0 39	7 32	0 31	9 16	0 35	21 11	0 9	6 0	2 48	20 15	0 1	5 49	2 3	30 48	15 54	0 59	0 19	15 47		n.a.
M15	18 7	0 14	0n13	14 20	0 32	7 1	0 28	9 0	0 34	21 12	0 9	6 1	2 48	20 15	0 1	5 48	2 3	30 47	15 54	0 59	0 20	15 46		n.a.
T 16	17 51	3s43	1 19	13 41	0 26	6 30	0 25	8 43	0 34	21 12	0 9	6 3	2 49	20 16	0 1	5 48	2 3	30 46	15 54	0 59	0 22	15 45		n.a.
W17	17 35	7 34	2 22	13 2	0 19	5 58	0 22	8 27	0 33	21 12	0 9	6 4	2 49	20 16	0 1	5 48	2 3	30 45	15 54	0 58	0 23	15 44		n.a.
T 18	17 18	11 10	3 20	12 23	0 12	5 27	0 19	8 10	0 32	21 13	0 9	6 6	2 49	20 17	0 1	5 48	2 3	30 45	15 54	0 58	0 24	15 43		n.a.
F 19	17 1	14 18	4 9	11 43	0 5	4 55	0 16	7 54	0 32	21 13	0 9	6 7	2 49	20 17	0 1	5 48	2 3	30 44	15 54	0 58	0 26	15 42		n.a.
S 20	16 44	16 45	4 46	11 4	0s 2	4 24	0 13	7 37	0 31	21 14	0 10	6 9	2 50	20 17	0 1	5 47	2 3	30 43	15 54	0 59	0 27	15 41		n.a.
S 21	16 26	18 16	5 7	10 24	0 9	3 52	0 10	7 21	0 30	21 14	0 10	6 10	2 50	20 18	0 1	5 47	2 3	30 42	15 54	1 0	0 28	15 40		n.a.
M22	16 8	18 39	5 8	9 44	0 17	3 20	0 6	7 4	0 30	21 15	0 10	6 12	2 50	20 18	0 1	5 47	2 3	30 42	15 54	1 2	0 29	15 39		n.a.
T 23	15 50	17 46	4 49	9 4	0 24	2 48	0 3	6 47	0 29	21 15	0 10	6 14	2 50	20 18	0 1	5 46	2 3	30 41	15 54	1 4	0 31	15 38		n.a.
W24	15 31	15 36	4 10	8 24	0 31	2 16	0 0	6 30	0 28	21 16	0 10	6 15	2 50	20 19	0 1	5 46	2 3	30 40	15 54	1 7	0 32	15 37		n.a.
T 25	15 13	12 21	3 13	7 44	0 39	1 44	0s 3	6 13	0 28	21 16	0 10	6 17	2 51	20 19	0 1	5 46	2 4	30 39	15 54	1 9	0 33	15 36		n.a.
F 26	14 54	8 18	2 2	7 4	0 46	1 12	0 7	5 56	0 27	21 17	0 10	6 19	2 51	20 19	0 1	5 46	2 4	30 39	15 54	1 10	0 35	15 35		n.a.
S 27	14 34	3 47	0 44	6 24	0 54	0 39	0 10	5 39	0 26	21 18	0 10	6 20	2 51	20 19	0 1	5 45	2 4	30 38	15 55	1 11	0 36	15 34		n.a.
S 28	14 15	0n50	0s34	5 44	1 1	0 7	0 13	5 22	0 26	21 18	0 10	6 22	2 51	20 20	0 1	5 45	2 4	30 37	15 55	1 11	0 37	15 33		n.a.
M29	13 55	5 16	1 49	5 5	1 9	0s25	0 17	5 5	0 25	21 19	0 11	6 24	2 51	20 20	0 1	5 45	2 4	30 37	15 55	1 10	0 38	15 32		n.a.
T 30	13 35	9 16	2 55	4 26	1 16	0 57	0 20	4 47	0 24	21 20	0 11	6 26	2 51	20 20	0 1	5 44	2 4	30 36	15 55	1 10	0 40	15 30		n.a.
W31	13n15	12n41	3s49	3n47	1s23	1s29	0s23	4n30	0n24	21s21	0s11	6s28	2s52	20n20	0s 1	5n44	2s 4	30n35	15n55	1n 9	0n41	15n29		n.a.

Julian Day Number = 1267629.5, Delta T = 08h20m13s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'23, Lahiri = -21°06'22 Julian Calendar 1 Aug. 1243 BCE == Greg. Calendar 21 July 1243 BCE

The year -1242 astronomical counting style corresponds to year 1243 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1243 BCE
geocentric

SEPTEMBER 1243 BCE (-1242) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 53 56	26♌27'01	26♉49	18♍45	4♎ 0	20♍25	3♐23	20°R24	29♉24	19°R11	18♌26	27°R 9	28♍15	4♌14	n.a.	T 1
F 2	21 57 52	27°26'31	9♊14	20° 4	5°12	21° 7	3°27	20♓19	29°25	19♈10	18°29	27♍ 8	28°12	4°21	n.a.	F 2
S 3	22 1 49	28°26'04	21°25	21°22	6°24	21°49	3°31	20°15	29°26	19° 9	18°31	27° 6	28° 9	4°28	n.a.	S 3
S 4	22 5 45	29°25'40	3♋25	22°38	7°36	22°32	3°35	20°11	29°27	19° 8	18°33	27° 3	28° 6	4°35	n.a.	S 4
M 5	22 9 42	0♍25'18	15°19	23°53	8°48	23°14	3°40	20° 6	29°27	19° 7	18°35	26°59	28° 3	4°41	n.a.	M 5
T 6	22 13 38	1°24'58	27°10	25° 7	10° 0	23°56	3°45	20° 2	29°28	19° 6	18°38	26°54	27°59	4°48	n.a.	T 6
W 7	22 17 35	2°24'40	9♌ 0	26°19	11°11	24°39	3°50	19°57	29°28	19° 5	18°40	26°50	27°56	4°55	n.a.	W 7
T 8	22 21 31	3°24'25	20°53	27°29	12°23	25°21	3°55	19°53	29°29	19° 4	18°42	26°46	27°53	5° 1	n.a.	T 8
F 9	22 25 28	4°24'12	2♍49	28°37	13°35	26° 4	4° 0	19°48	29°29	19° 3	18°44	26°43	27°50	5° 8	n.a.	F 9
S 10	22 29 25	5°24'01	14°52	29°43	14°46	26°47	4° 6	19°43	29°30	19° 2	18°47	26°41	27°47	5°15	n.a.	S 10
S 11	22 33 21	6°23'52	27° 2	0♎47	15°58	27°29	4°11	19°39	29°30	19° 1	18°49	26°D41	27°44	5°21	n.a.	S 11
M12	22 37 18	7°23'45	9♎21	1°48	17° 9	28°12	4°17	19°34	29°30	19° 0	18°51	26°41	27°40	5°28	n.a.	M12
T 13	22 41 14	8°23'40	21°52	2°47	18°21	28°55	4°23	19°29	29°31	18°58	18°53	26°42	27°37	5°35	n.a.	T 13
W14	22 45 11	9°23'37	4♏36	3°43	19°32	29°38	4°29	19°25	29°31	18°57	18°55	26°44	27°34	5°42	n.a.	W14
T 15	22 49 7	10°23'36	17°36	4°35	20°44	0♎21	4°36	19°20	29°31	18°56	18°58	26°45	27°31	5°48	n.a.	T 15
F 16	22 53 4	11°23'37	0♐54	5°24	21°55	1° 4	4°42	19°15	29°31	18°55	19° 0	26°46	27°28	5°55	n.a.	F 16
S 17	22 57 0	12°23'39	14°32	6° 8	23° 6	1°47	4°49	19°10	29°R31	18°53	19° 2	26°R46	27°25	6° 2	n.a.	S 17
S 18	23 0 57	13°23'43	28°31	6°48	24°17	2°30	4°56	19° 5	29°31	18°52	19° 4	26°46	27°21	6° 8	n.a.	S 18
M19	23 4 53	14°23'49	12♑50	7°23	25°28	3°13	5° 2	19° 0	29°31	18°51	19° 6	26°45	27°18	6°15	n.a.	M19
T 20	23 8 50	15°23'57	27°27	7°52	26°39	3°56	5°10	18°55	29°31	18°49	19° 8	26°44	27°15	6°22	n.a.	T 20
W21	23 12 47	16°24'06	12♒17	8°15	27°50	4°40	5°17	18°51	29°30	18°48	19°10	26°42	27°12	6°28	n.a.	W21
T 22	23 16 43	17°24'17	27°13	8°31	29° 1	5°23	5°24	18°46	29°30	18°47	19°13	26°41	27° 9	6°35	n.a.	T 22
F 23	23 20 40	18°24'30	12♓ 7	8°40	0♏12	6° 6	5°32	18°41	29°30	18°45	19°15	26°41	27° 5	6°42	n.a.	F 23
S 24	23 24 36	19°24'45	26°51	8°R41	1°23	6°50	5°39	18°36	29°30	18°44	19°17	26°D40	27° 2	6°48	n.a.	S 24
S 25	23 28 33	20°25'02	11♈18	8°33	2°33	7°33	5°47	18°31	29°29	18°42	19°19	26°41	26°59	6°55	n.a.	S 25
M26	23 32 29	21°25'20	25°22	8°17	3°44	8°17	5°55	18°26	29°29	18°41	19°21	26°41	26°56	7° 2	n.a.	M26
T 27	23 36 26	22°25'41	9♉ 2	7°50	4°54	9° 1	6° 3	18°21	29°28	18°39	19°23	26°41	26°53	7° 9	n.a.	T 27
W28	23 40 22	23°26'04	22°16	7°14	6° 5	9°44	6°12	18°16	29°28	18°38	19°25	26°42	26°50	7°15	n.a.	W28
T 29	23 44 19	24°26'29	5♊ 7	6°28	7°15	10°28	6°20	18°11	29°27	18°36	19°27	26°42	26°46	7°22	n.a.	T 29
F 30	23 48 16	25♍26'56	17♊37	5♎33	8♏25	11♎12	6♐29	18♓ 6	29♉26	18♈35	19♌29	26♍42	26♍43	7♌29	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n54	15n23	4s31	3n 8	1s31	2s 2	0s27	4n12	0n23	21s22	0s11	6s29	2s52	20n20	0s 1	5n43	2s 4	30n35	15n55	1n 9	0n42	15n28		n.a.
F 2	12 34	17 18	4 58	2 30	1 38	2 34	0 30	3 55	0 22	21 23	0 11	6 31	2 52	20 21	0 1	5 43	2 4	30 34	15 55	1 9	0 44	15 27		n.a.
S 3	12 13	18 22	5 12	1 53	1 45	3 6	0 34	3 37	0 22	21 23	0 11	6 33	2 52	20 21	0 1	5 43	2 4	30 33	15 55	1 10	0 45	15 26		n.a.
S 4	11 52	18 36	5 11	1 16	1 52	3 38	0 37	3 20	0 21	21 24	0 11	6 35	2 52	20 21	0 1	5 42	2 4	30 33	15 55	1 12	0 46	15 25		n.a.
M 5	11 30	18 1	4 58	0 39	1 59	4 10	0 41	3 2	0 20	21 25	0 11	6 37	2 52	20 21	0 1	5 42	2 4	30 32	15 55	1 13	0 47	15 24		n.a.
T 6	11 9	16 39	4 31	0 4	2 6	4 42	0 44	2 45	0 20	21 26	0 11	6 39	2 52	20 21	0 1	5 41	2 4	30 31	15 56	1 15	0 49	15 23		n.a.
W 7	10 47	14 34	3 53	0s31	2 12	5 14	0 48	2 27	0 19	21 27	0 12	6 41	2 53	20 21	0 1	5 41	2 4	30 31	15 56	1 17	0 50	15 22		n.a.
T 8	10 25	11 52	3 5	1 6	2 18	5 46	0 51	2 9	0 18	21 29	0 12	6 43	2 53	20 22	0 1	5 40	2 4	30 30	15 56	1 18	0 51	15 21		n.a.
F 9	10 3	8 39	2 8	1 39	2 25	6 17	0 55	1 51	0 18	21 30	0 12	6 45	2 53	20 22	0 1	5 40	2 4	30 30	15 56	1 20	0 53	15 20		n.a.
S 10	9 41	5 4	1 5	2 11	2 30	6 49	0 58	1 34	0 17	21 31	0 12	6 47	2 53	20 22	0 1	5 40	2 4	30 29	15 56	1 20	0 54	15 19		n.a.
S 11	9 19	1 14	0n 2	2 42	2 36	7 20	1 2	1 16	0 16	21 32	0 12	6 48	2 53	20 22	0 1	5 39	2 4	30 28	15 56	1 20	0 55	15 17		n.a.
M12	8 56	2s42	1 9	3 11	2 41	7 51	1 5	0 58	0 16	21 33	0 12	6 50	2 53	20 22	0 1	5 39	2 5	30 28	15 57	1 20	0 56	15 16		n.a.
T 13	8 34	6 35	2 15	3 39	2 46	8 22	1 9	0 40	0 15	21 34	0 12	6 52	2 53	20 22	0 1	5 38	2 5	30 27	15 57	1 20	0 58	15 15		n.a.
W14	8 11	10 13	3 15	4 6	2 51	8 53	1 12	0 22	0 14	21 36	0 12	6 54	2 53	20 22	0 1	5 38	2 5	30 27	15 57	1 19	0 59	15 14		n.a.
T 15	7 48	13 26	4 6	4 31	2 54	9 24	1 16	0 4	0 14	21 37	0 12	6 56	2 53	20 22	0 1	5 37	2 5	30 26	15 57	1 19	1 0	15 13		n.a.
F 16	7 25	16 2	4 45	4 53	2 58	9 54	1 19	0s14	0 13	21 38	0 12	6 58	2 53	20 22	0 1	5 37	2 5	30 26	15 58	1 18	1 2	15 12		n.a.
S 17	7 1	17 48	5 10	5 14	3 1	10 24	1 23	0 32	0 12	21 39	0 12	7 0	2 53	20 22	0 1	5 36	2 5	30 25	15 58	1 18	1 3	15 11		n.a.
S 18	6 38	18 33	5 17	5 32	3 3	10 54	1 26	0 50	0 11	21 41	0 13	7 2	2 53	20 22	0 1	5 35	2 5	30 25	15 58	1 18	1 4	15 10		n.a.
M19	6 14	18 9	5 4	5 47	3 4	11 24	1 30	1 8	0 11	21 42	0 13	7 4	2 53	20 22	0 1	5 35	2 5	30 24	15 58	1 19	1 5	15 9		n.a.
T 20	5 51	16 34	4 33	5 59	3 5	11 53	1 33	1 26	0 10	21 44	0 13	7 6	2 53	20 22	0 1	5 34	2 5	30 24	15 59	1 19	1 7	15 8		n.a.
W21	5 27	13 51	3 42	6 8	3 4	12 23	1 37	1 44	0 9	21 45	0 13	7 8	2 54	20 22	0 1	5 34	2 5	30 23	15 59	1 20	1 8	15 6		n.a.
T 22	5 3	10 12	2 36	6 14	3 3	12 51	1 40	2 2	0 9	21 46	0 13	7 10	2 54	20 22	0 1	5 33	2 5	30 23	15 59	1 20	1 9	15 5		n.a.
F 23	4 39	5 54	1 20	6 15	3 0	13 20	1 43	2 20	0 8	21 48	0 13	7 12	2 54	20 22	0 1	5 33	2 5	30 22	15 59	1 21	1 11	15 4		n.a.
S 24	4 16	1 17	0s 1	6 11	2 56	13 48	1 46	2 39	0 7	21 49	0 13	7 14	2 54	20 22	0 1	5 32	2 5	30 22	16 0	1 21	1 12	15 3		n.a.
S 25	3 51	3n19	1 20	6 3	2 51	14 16	1 50	2 57	0 7	21 51	0 13	7 16	2 54	20 22	0 1	5 32	2 5	30 22	16 0	1 21	1 13	15 2		n.a.
M26	3 27	7 36	2 33	5 50	2 44	14 44	1 53	3 15	0 6	21 52	0 13	7 18	2 54	20 22	0 1	5 31	2 5	30 21	16 0	1 20	1 14	15 1		n.a.
T 27	3 3	11 22	3 34	5 31	2 35	15 11	1 56	3 33	0 5	21 54	0 13	7 20	2 54	20 21	0 1	5 30	2 5	30 21	16 1	1 20	1 16	15 0		n.a.
W28	2 39	14 25	4 22	5 7	2 24	15 38	1 59	3 51	0 5	21 55	0 13	7 22	2 54	20 21	0 1	5 30	2 5	30 20	16 1	1 20	1 17	14 59		n.a.
T 29	2 15	16 40	4 56	4 37	2 12	16 5	2 2	4 9	0 4	21 57	0 14	7 24	2 53	20 21	0 1	5 29	2 5	30 20	16 1	1 20	1 18	14 57		n.a.
F 30	1n50	18n 3	5s14	4s 2	1s57	16s31	2s 5	4s27	0n 3	21s59	0s14	7s26	2s53	20n21	0s 1	5n28	2s 5	30n20	16n 2	1n20	1n20	14n56		n.a.

Julian Day Number = 1267660.5, Delta T = 08h20m12s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'18, Lahiri = -21°06'18 Julian Calendar 1 Sept. 1243 BCE == Greg. Calendar 21 Aug. 1243 BCE

The year -1242 astronomical counting style corresponds to year 1243 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1243 BCE
geocentric

OCTOBER 1243 BCE (-1242) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 52 12	26♍27'26	29♊50	4°R30	9♏35	11♎56	6♐37	18°R 2	29°R25	18°R33	19♌31	26♍42	26♍40	7♌35	n.a.	S 1
S 2	23 56 9	27°27'57	11♋50	3♎19	10°45	12°40	6°46	17♓57	29♉25	18♈32	19°32	26°42	26°37	7°42	n.a.	S 2
M 3	0 0 5	28°28'30	23°43	2° 3	11°55	13°24	6°55	17°52	29°24	18°30	19°34	26°42	26°34	7°49	n.a.	M 3
T 4	0 4 2	29°29'05	5♌33	0°44	13° 5	14° 8	7° 4	17°47	29°23	18°29	19°36	26°43	26°30	7°55	n.a.	T 4
W 5	0 7 58	0♎29'42	17°24	29♍24	14°15	14°52	7°13	17°43	29°22	18°27	19°38	26°43	26°27	8° 2	n.a.	W 5
T 6	0 11 55	1°30'21	29°20	28° 5	15°25	15°36	7°23	17°38	29°21	18°25	19°40	26°44	26°24	8° 9	n.a.	T 6
F 7	0 15 51	2°31'02	11♍23	26°51	16°34	16°20	7°32	17°33	29°20	18°24	19°42	26°44	26°21	8°15	n.a.	F 7
S 8	0 19 48	3°31'44	23°36	25°44	17°44	17° 5	7°42	17°29	29°19	18°22	19°44	26°R44	26°18	8°22	n.a.	S 8
S 9	0 23 44	4°32'28	6♎ 1	24°46	18°53	17°49	7°51	17°24	29°18	18°21	19°45	26°44	26°15	8°29	n.a.	S 9
M10	0 27 41	5°33'14	18°39	23°57	20° 2	18°33	8° 1	17°19	29°17	18°19	19°47	26°44	26°11	8°35	n.a.	M10
T 11	0 31 38	6°34'01	1♏30	23°20	21°11	19°18	8°11	17°15	29°15	18°17	19°49	26°43	26° 8	8°42	n.a.	T 11
W12	0 35 34	7°34'49	14°35	22°55	22°20	20° 2	8°21	17°10	29°14	18°16	19°51	26°41	26° 5	8°49	n.a.	W12
T 13	0 39 31	8°35'39	27°53	22°41	23°29	20°47	8°31	17° 6	29°13	18°14	19°52	26°39	26° 2	8°56	n.a.	T 13
F 14	0 43 27	9°36'30	11♐24	22°D38	24°38	21°32	8°42	17° 2	29°11	18°12	19°54	26°38	25°59	9° 2	n.a.	F 14
S 15	0 47 24	10°37'23	25° 7	22°47	25°47	22°16	8°52	16°57	29°10	18°10	19°56	26°37	25°56	9° 9	n.a.	S 15
S 16	0 51 20	11°38'16	9♑ 3	23° 5	26°55	23° 1	9° 3	16°53	29° 8	18° 9	19°57	26°D36	25°52	9°16	n.a.	S 16
M17	0 55 17	12°39'10	23°10	23°33	28° 3	23°46	9°13	16°49	29° 7	18° 7	19°59	26°37	25°49	9°22	n.a.	M17
T 18	0 59 13	13°40'06	7♒27	24° 9	29°12	24°31	9°24	16°45	29° 5	18° 5	20° 0	26°37	25°46	9°29	n.a.	T 18
W19	1 3 10	14°41'02	21°50	24°52	0♐20	25°15	9°35	16°41	29° 4	18° 4	20° 2	26°39	25°43	9°36	n.a.	W19
T 20	1 7 7	15°41'59	6♓18	25°42	1°27	26° 0	9°46	16°37	29° 2	18° 2	20° 3	26°40	25°40	9°42	n.a.	T 20
F 21	1 11 3	16°42'57	20°45	26°38	2°35	26°45	9°57	16°33	29° 0	18° 0	20° 5	26°R41	25°36	9°49	n.a.	F 21
S 22	1 15 0	17°43'56	5♈ 6	27°39	3°43	27°30	10° 8	16°29	28°59	17°59	20° 6	26°41	25°33	9°56	n.a.	S 22
S 23	1 18 56	18°44'57	19°17	28°44	4°50	28°15	10°19	16°25	28°57	17°57	20° 8	26°39	25°30	10° 2	n.a.	S 23
M24	1 22 53	19°45'58	3♉12	29°53	5°57	29° 1	10°30	16°22	28°55	17°55	20° 9	26°37	25°27	10° 9	n.a.	M24
T 25	1 26 49	20°47'01	16°48	1♎ 5	7° 4	29°46	10°42	16°18	28°53	17°53	20°10	26°33	25°24	10°16	n.a.	T 25
W26	1 30 46	21°48'05	0♊ 2	2°21	8°11	0♏31	10°53	16°15	28°51	17°52	20°12	26°29	25°21	10°22	n.a.	W26
T 27	1 34 42	22°49'10	12°56	3°38	9°17	1°16	11° 5	16°11	28°49	17°50	20°13	26°25	25°17	10°29	n.a.	T 27
F 28	1 38 39	23°50'16	25°29	4°58	10°24	2° 1	11°17	16° 8	28°47	17°48	20°14	26°22	25°14	10°36	n.a.	F 28
S 29	1 42 36	24°51'24	7♋45	6°19	11°30	2°47	11°28	16° 5	28°45	17°47	20°16	26°19	25°11	10°43	n.a.	S 29
S 30	1 46 32	25°52'32	19°47	7°42	12°36	3°32	11°40	16° 1	28°43	17°45	20°17	26°17	25° 8	10°49	n.a.	S 30
M31	1 50 29	26♎53'42	1♌41	9♎ 7	13♐41	4♏18	11♐52	15♓58	28♉41	17♈43	20♌18	26°D17	25♍ 5	10♌56	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n26	18n33	5s17	3s22	1s41	16s57	2s 8	4s45	0n 3	22s 0	0s14	7s28	2s53	20n21	0s 1	5n28	2s 5	30n19	16n 2	1n20	1n21	14n55		n.a.
S 2	1 1	18 13	5 7	2 37	1 24	17 22	2 11	5 3	0 2	22 2	0 14	7 30	2 53	20 21	0 1	5 27	2 5	30 19	16 2	1 20	1 22	14 54		n.a.
M 3	0 37	17 4	4 43	1 49	1 5	17 47	2 14	5 21	0 1	22 3	0 14	7 31	2 53	20 21	0 1	5 27	2 5	30 19	16 3	1 20	1 23	14 53		n.a.
T 4	0 12	15 12	4 8	0 59	0 45	18 12	2 17	5 39	0 1	22 5	0 14	7 33	2 53	20 20	0 1	5 26	2 5	30 18	16 3	1 20	1 25	14 52		n.a.
W 5	0s12	12 41	3 22	0 7	0 24	18 36	2 19	5 57	0s 0	22 7	0 14	7 35	2 53	20 20	0 1	5 25	2 5	30 18	16 3	1 20	1 26	14 51		n.a.
T 6	0 37	9 37	2 26	0n43	0 3	18 59	2 22	6 15	0 1	22 8	0 14	7 37	2 53	20 20	0 1	5 25	2 5	30 18	16 4	1 19	1 27	14 49		n.a.
F 7	1 1	6 7	1 24	1 32	0n17	19 22	2 25	6 33	0 1	22 10	0 14	7 39	2 53	20 20	0 1	5 24	2 5	30 18	16 4	1 19	1 28	14 48		n.a.
S 8	1 26	2 19	0 17	2 17	0 36	19 45	2 27	6 51	0 2	22 12	0 14	7 40	2 53	20 20	0 1	5 23	2 5	30 17	16 5	1 19	1 30	14 47		n.a.
S 9	1 50	1s39	0n51	2 57	0 55	20 7	2 29	7 9	0 3	22 13	0 14	7 42	2 53	20 19	0 1	5 23	2 5	30 17	16 5	1 19	1 31	14 46		n.a.
M10	2 15	5 36	1 59	3 32	1 12	20 29	2 32	7 27	0 3	22 15	0 15	7 44	2 53	20 19	0 1	5 22	2 5	30 17	16 5	1 19	1 32	14 45		n.a.
T 11	2 39	9 22	3 1	4 1	1 27	20 50	2 34	7 44	0 4	22 17	0 15	7 46	2 53	20 19	0 1	5 22	2 5	30 17	16 6	1 20	1 34	14 44		n.a.
W12	3 3	12 44	3 55	4 23	1 40	21 10	2 36	8 2	0 5	22 18	0 15	7 47	2 53	20 19	0 1	5 21	2 5	30 16	16 6	1 20	1 35	14 42		n.a.
T 13	3 28	15 31	4 38	4 39	1 51	21 31	2 38	8 20	0 5	22 20	0 15	7 49	2 52	20 18	0 1	5 20	2 5	30 16	16 7	1 21	1 36	14 41		n.a.
F 14	3 52	17 29	5 5	4 49	2 1	21 50	2 40	8 37	0 6	22 22	0 15	7 50	2 52	20 18	0 1	5 20	2 5	30 16	16 7	1 22	1 37	14 40		n.a.
S 15	4 16	18 29	5 16	4 53	2 9	22 9	2 42	8 55	0 7	22 24	0 15	7 52	2 52	20 18	0 1	5 19	2 5	30 16	16 8	1 22	1 39	14 39		n.a.
S 16	4 41	18 23	5 9	4 51	2 15	22 27	2 44	9 12	0 7	22 25	0 15	7 54	2 52	20 17	0 1	5 18	2 5	30 16	16 8	1 22	1 40	14 38		n.a.
M17	5 5	17 10	4 43	4 44	2 20	22 45	2 46	9 30	0 8	22 27	0 15	7 55	2 52	20 17	0 1	5 18	2 5	30 16	16 8	1 22	1 41	14 37		n.a.
T 18	5 29	14 51	4 0	4 32	2 23	23 2	2 48	9 47	0 9	22 29	0 15	7 57	2 52	20 17	0 1	5 17	2 5	30 16	16 9	1 22	1 43	14 35		n.a.
W19	5 53	11 37	3 1	4 17	2 25	23 19	2 49	10 5	0 9	22 31	0 15	7 58	2 52	20 16	0 1	5 16	2 5	30 15	16 9	1 21	1 44	14 34		n.a.
T 20	6 17	7 39	1 50	3 57	2 25	23 35	2 51	10 22	0 10	22 32	0 15	7 59	2 51	20 16	0 1	5 16	2 5	30 15	16 10	1 21	1 45	14 33		n.a.
F 21	6 41	3 14	0 33	3 34	2 25	23 50	2 52	10 39	0 11	22 34	0 15	8 1	2 51	20 16	0 1	5 15	2 5	30 15	16 10	1 20	1 46	14 32		n.a.
S 22	7 4	1n21	0s46	3 9	2 24	24 5	2 53	10 56	0 11	22 36	0 16	8 2	2 51	20 15	0 1	5 14	2 5	30 15	16 11	1 21	1 48	14 31		n.a.
S 23	7 28	5 48	2 1	2 40	2 22	24 19	2 54	11 13	0 12	22 38	0 16	8 4	2 51	20 15	0 1	5 14	2 5	30 15	16 11	1 21	1 49	14 29		n.a.
M24	7 51	9 51	3 8	2 10	2 19	24 32	2 55	11 30	0 13	22 39	0 16	8 5	2 51	20 14	0 1	5 13	2 5	30 15	16 12	1 22	1 50	14 28		n.a.
T 25	8 15	13 16	4 2	1 37	2 16	24 45	2 56	11 47	0 13	22 41	0 16	8 6	2 51	20 14	0 1	5 12	2 5	30 15	16 12	1 23	1 52	14 27		n.a.
W26	8 38	15 55	4 41	1 4	2 12	24 57	2 57	12 4	0 14	22 43	0 16	8 7	2 50	20 14	0 1	5 12	2 5	30 15	16 13	1 25	1 53	14 26		n.a.
T 27	9 1	17 41	5 5	0 28	2 7	25 8	2 58	12 20	0 15	22 45	0 16	8 9	2 50	20 13	0 1	5 11	2 5	30 15	16 13	1 27	1 54	14 25		n.a.
F 28	9 24	18 32	5 14	0s 8	2 2	25 19	2 58	12 37	0 15	22 46	0 16	8 10	2 50	20 13	0 1	5 10	2 5	30 15	16 14	1 28	1 55	14 23		n.a.
S 29	9 47	18 29	5 8	0 46	1 57	25 29	2 59	12 53	0 16	22 48	0 16	8 11	2 50	20 12	0 1	5 10	2 5	30 15	16 14	1 29	1 57	14 22		n.a.
S 30	10 10	17 36	4 48	1 24	1 51	25 39	2 59	13 10	0 17	22 50	0 16	8 12	2 49	20 12	0 1	5 9	2 5	30 15	16 15	1 30	1 58	14 21		n.a.
M31	10s32	15n57	4s16	2s 3	1n46	25s47	2s59	13s26	0s17	22s51	0s16	8s13	2s49	20n11	0s 1	5n 8	2s 5	30n15	16n15	1n30	1n59	14n20		n.a.

Julian Day Number = 1267690.5, Delta T = 08h20m10s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'14, Lahiri = -21°06'14 Julian Calendar 1 Oct. 1243 BCE == Greg. Calendar 20 Sept. 1243 BCE

The year -1242 astronomical counting style corresponds to year 1243 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1243 BCE
geocentric

NOVEMBER 1243 BCE (-1242) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 54 25	27♎54'53	13♌31	10♎32	14♐47	5♏ 3	12♐ 4	15°R55	28°R39	17°R42	20♌19	26♍18	25♍ 2	11♌ 3	n.a.	T 1
W 2	1 58 22	28°56'04	25°22	11°59	15°52	5°49	12°16	15♓52	28♉37	17♈40	20°20	26°20	24°58	11° 9	n.a.	W 2
T 3	2 2 18	29°57'17	7♍19	13°26	16°57	6°34	12°28	15°50	28°35	17°38	20°21	26°22	24°55	11°16	n.a.	T 3
F 4	2 6 15	0♏58'31	19°27	14°54	18° 1	7°20	12°41	15°47	28°33	17°37	20°22	26°23	24°52	11°23	n.a.	F 4
S 5	2 10 11	1°59'45	1♎49	16°23	19° 6	8° 6	12°53	15°44	28°30	17°35	20°23	26°R23	24°49	11°29	n.a.	S 5
S 6	2 14 8	3° 1'00	14°27	17°52	20°10	8°51	13° 5	15°42	28°28	17°33	20°24	26°22	24°46	11°36	n.a.	S 6
M 7	2 18 5	4° 2'16	27°24	19°21	21°14	9°37	13°18	15°39	28°26	17°32	20°25	26°18	24°42	11°43	n.a.	M 7
T 8	2 22 1	5° 3'33	10♏39	20°51	22°17	10°23	13°31	15°37	28°24	17°30	20°26	26°13	24°39	11°49	n.a.	T 8
W 9	2 25 58	6° 4'50	24°10	22°22	23°21	11° 9	13°43	15°35	28°21	17°29	20°27	26° 6	24°36	11°56	n.a.	W 9
T 10	2 29 54	7° 6'07	7♐55	23°52	24°23	11°55	13°56	15°33	28°19	17°27	20°28	25°59	24°33	12° 3	n.a.	T 10
F 11	2 33 51	8° 7'25	21°51	25°23	25°26	12°41	14° 9	15°31	28°17	17°25	20°29	25°52	24°30	12° 9	n.a.	F 11
S 12	2 37 47	9° 8'43	5♑54	26°55	26°28	13°27	14°21	15°29	28°14	17°24	20°30	25°47	24°27	12°16	n.a.	S 12
S 13	2 41 44	10°10'01	20° 1	28°26	27°30	14°13	14°34	15°27	28°12	17°22	20°30	25°43	24°23	12°23	n.a.	S 13
M14	2 45 41	11°11'19	4♒ 9	29°58	28°32	14°59	14°47	15°25	28° 9	17°21	20°31	25°41	24°20	12°29	n.a.	M14
T 15	2 49 37	12°12'37	18°16	1♏30	29°33	15°45	15° 0	15°24	28° 7	17°19	20°32	25°D41	24°17	12°36	n.a.	T 15
W16	2 53 34	13°13'55	2♓22	3° 3	0♑33	16°31	15°13	15°22	28° 4	17°18	20°33	25°42	24°14	12°43	n.a.	W16
T 17	2 57 30	14°15'13	16°25	4°35	1°33	17°17	15°27	15°21	28° 2	17°16	20°33	25°43	24°11	12°49	n.a.	T 17
F 18	3 1 27	15°16'30	0♈23	6° 8	2°33	18° 3	15°40	15°20	27°59	17°15	20°34	25°R43	24° 7	12°56	n.a.	F 18
S 19	3 5 23	16°17'48	14°15	7°41	3°33	18°50	15°53	15°19	27°57	17°13	20°34	25°42	24° 4	13° 3	n.a.	S 19
S 20	3 9 20	17°19'05	28° 0	9°14	4°31	19°36	16° 6	15°18	27°54	17°12	20°35	25°38	24° 1	13°10	n.a.	S 20
M21	3 13 16	18°20'22	11♉33	10°48	5°30	20°22	16°20	15°17	27°52	17°10	20°35	25°31	23°58	13°16	n.a.	M21
T 22	3 17 13	19°21'39	24°53	12°22	6°28	21° 9	16°33	15°16	27°49	17° 9	20°36	25°22	23°55	13°23	n.a.	T 22
W23	3 21 10	20°22'57	7♊57	13°56	7°25	21°55	16°47	15°15	27°47	17° 8	20°36	25°12	23°52	13°30	n.a.	W23
T 24	3 25 6	21°24'14	20°45	15°30	8°21	22°41	17° 0	15°15	27°44	17° 6	20°37	25° 1	23°48	13°36	n.a.	T 24
F 25	3 29 3	22°25'31	3♋15	17° 5	9°18	23°28	17°14	15°14	27°41	17° 5	20°37	24°51	23°45	13°43	n.a.	F 25
S 26	3 32 59	23°26'48	15°31	18°40	10°13	24°14	17°27	15°14	27°39	17° 4	20°37	24°43	23°42	13°50	n.a.	S 26
S 27	3 36 56	24°28'05	27°33	20°16	11° 8	25° 1	17°41	15°14	27°36	17° 2	20°38	24°37	23°39	13°56	n.a.	S 27
M28	3 40 52	25°29'22	9♌27	21°51	12° 2	25°47	17°54	15°D13	27°34	17° 1	20°38	24°33	23°36	14° 3	n.a.	M28
T 29	3 44 49	26°30'40	21°16	23°28	12°56	26°34	18° 8	15°13	27°31	17° 0	20°38	24°31	23°33	14°10	n.a.	T 29
W30	3 48 45	27♏31'56	3♍ 6	25♏ 4	13♑49	27♏21	18♐22	15♓14	27♉28	16♈59	20♌38	24°D31	23♍29	14♌16	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s54	13n38	3s34	2s43	1n40	25s55	2s59	13s42	0s18	22s53	0s16	8s14	2s49	20n11	0s 1	5n 8	2s 5	30n16	16n16	1n29	2n 1	14n19		n.a.
W 2	11 17	10 45	2 42	3 23	1 33	26 2	2 59	13 58	0 19	22 55	0 16	8 15	2 49	20 11	0 1	5 7	2 5	30 16	16 16	1 29	2 2	14 17		n.a.
T 3	11 39	7 23	1 42	4 3	1 27	26 9	2 59	14 14	0 19	22 57	0 17	8 16	2 49	20 10	0 1	5 7	2 5	30 16	16 17	1 28	2 3	14 16		n.a.
F 4	12 0	3 40	0 38	4 44	1 20	26 15	2 58	14 30	0 20	22 58	0 17	8 17	2 48	20 10	0 1	5 6	2 5	30 16	16 17	1 28	2 4	14 15		n.a.
S 5	12 22	0s17	0n30	5 25	1 14	26 20	2 58	14 46	0 21	23 0	0 17	8 17	2 48	20 9	0 1	5 5	2 5	30 16	16 18	1 27	2 6	14 14		n.a.
S 6	12 43	4 18	1 37	6 6	1 7	26 25	2 57	15 1	0 21	23 2	0 17	8 18	2 48	20 9	0 1	5 5	2 5	30 16	16 18	1 28	2 7	14 12		n.a.
M 7	13 5	8 13	2 41	6 46	1 0	26 28	2 56	15 17	0 22	23 3	0 17	8 19	2 48	20 8	0 1	5 4	2 5	30 16	16 19	1 30	2 8	14 11		n.a.
T 8	13 25	11 50	3 37	7 27	0 53	26 32	2 55	15 32	0 23	23 5	0 17	8 20	2 47	20 8	0 1	5 4	2 5	30 17	16 20	1 32	2 9	14 10		n.a.
W 9	13 46	14 53	4 23	8 8	0 46	26 34	2 54	15 47	0 23	23 7	0 17	8 20	2 47	20 7	0 1	5 3	2 5	30 17	16 20	1 34	2 11	14 9		n.a.
T 10	14 7	17 9	4 54	8 49	0 39	26 36	2 53	16 2	0 24	23 8	0 17	8 21	2 47	20 7	0 0	5 2	2 5	30 17	16 21	1 37	2 12	14 8		n.a.
F 11	14 27	18 27	5 8	9 29	0 32	26 37	2 51	16 17	0 24	23 10	0 17	8 21	2 47	20 6	0 0	5 2	2 5	30 17	16 21	1 40	2 13	14 6		n.a.
S 12	14 47	18 38	5 4	10 9	0 25	26 37	2 49	16 32	0 25	23 12	0 17	8 22	2 46	20 5	0 0	5 1	2 5	30 17	16 22	1 42	2 15	14 5		n.a.
S 13	15 7	17 40	4 42	10 49	0 18	26 37	2 48	16 47	0 26	23 13	0 17	8 22	2 46	20 5	0 0	5 1	2 5	30 18	16 22	1 44	2 16	14 4		n.a.
M14	15 26	15 37	4 3	11 28	0 11	26 36	2 46	17 1	0 26	23 15	0 18	8 23	2 46	20 4	0 0	5 0	2 5	30 18	16 23	1 45	2 17	14 3		n.a.
T 15	15 45	12 37	3 8	12 7	0 5	26 34	2 43	17 15	0 27	23 16	0 18	8 23	2 46	20 4	0 0	4 59	2 5	30 18	16 24	1 45	2 18	14 1		n.a.
W16	16 4	8 54	2 3	12 46	0s 2	26 31	2 41	17 30	0 28	23 18	0 18	8 23	2 45	20 3	0 0	4 59	2 5	30 19	16 24	1 44	2 20	14 0		n.a.
T 17	16 23	4 41	0 50	13 24	0 9	26 28	2 39	17 44	0 28	23 19	0 18	8 24	2 45	20 3	0 0	4 58	2 5	30 19	16 25	1 44	2 21	13 59		n.a.
F 18	16 41	0 14	0s25	14 2	0 15	26 25	2 36	17 57	0 29	23 21	0 18	8 24	2 45	20 2	0 0	4 58	2 5	30 19	16 25	1 44	2 22	13 58		n.a.
S 19	16 59	4n12	1 38	14 39	0 22	26 20	2 33	18 11	0 29	23 22	0 18	8 24	2 45	20 2	0 0	4 57	2 5	30 20	16 26	1 44	2 24	13 56		n.a.
S 20	17 17	8 23	2 45	15 16	0 28	26 15	2 30	18 24	0 30	23 24	0 18	8 24	2 44	20 1	0 0	4 57	2 5	30 20	16 26	1 46	2 25	13 55		n.a.
M21	17 35	12 3	3 41	15 52	0 35	26 10	2 27	18 38	0 31	23 25	0 18	8 24	2 44	20 0	0 0	4 56	2 5	30 20	16 27	1 49	2 26	13 54		n.a.
T 22	17 52	15 3	4 24	16 27	0 41	26 4	2 23	18 51	0 31	23 27	0 18	8 24	2 44	20 0	0 0	4 56	2 5	30 21	16 28	1 52	2 27	13 53		n.a.
W23	18 8	17 12	4 52	17 2	0 47	25 57	2 19	19 4	0 32	23 28	0 18	8 24	2 43	19 59	0 0	4 55	2 5	30 21	16 28	1 56	2 29	13 51		n.a.
T 24	18 25	18 27	5 4	17 36	0 53	25 49	2 15	19 16	0 32	23 30	0 18	8 24	2 43	19 59	0 0	4 55	2 5	30 21	16 29	2 1	2 30	13 50		n.a.
F 25	18 41	18 46	5 2	18 9	0 59	25 42	2 11	19 29	0 33	23 31	0 18	8 24	2 43	19 58	0 0	4 54	2 5	30 22	16 29	2 5	2 31	13 49		n.a.
S 26	18 57	18 12	4 45	18 42	1 4	25 33	2 7	19 41	0 34	23 33	0 19	8 24	2 43	19 58	0 0	4 54	2 5	30 22	16 30	2 8	2 32	13 47		n.a.
S 27	19 12	16 48	4 17	19 13	1 10	25 24	2 3	19 54	0 34	23 34	0 19	8 24	2 42	19 57	0 0	4 53	2 4	30 23	16 30	2 11	2 34	13 46		n.a.
M28	19 27	14 42	3 37	19 44	1 15	25 14	1 58	20 5	0 35	23 35	0 19	8 24	2 42	19 56	0 0	4 53	2 4	30 23	16 31	2 12	2 35	13 45		n.a.
T 29	19 42	12 0	2 48	20 14	1 20	25 4	1 53	20 17	0 35	23 37	0 19	8 24	2 42	19 56	0 0	4 53	2 4	30 24	16 32	2 13	2 36	13 44		n.a.
W30	19s56	8n48	1s52	20s43	1s25	24s54	1s48	20s29	0s36	23s38	0s19	8s23	2s41	19n55	0s 0	4n52	2s 4	30n24	16n32	2n13	2n38	13n42		n.a.

Julian Day Number = 1267721.5, Delta T = 08h20m08s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'10, Lahiri = -21°06'10 Julian Calendar 1 Nov. 1243 BCE == Greg. Calendar 21 Oct. 1243 BCE

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ASTRODIENST EPHEMERIS for the year 1243 BCE
geocentric

DECEMBER 1243 BCE (-1242) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 52 42	28♏33'13	15♍ 2	26♏41	14♉41	28♏ 7	18♐36	15♓14	27°R26	16°R57	20♌38	24♍32	23♍26	14♌23	n.a.	T 1
F 2	3 56 39	29°34'30	27°10	28°19	15°32	28°54	18°50	15°14	27♉23	16♈56	20°39	24°R32	23°23	14°30	n.a.	F 2
S 3	4 0 35	0♐35'46	9♎35	29°57	16°23	29°41	19° 3	15°15	27°21	16°55	20°39	24°31	23°20	14°36	n.a.	S 3
S 4	4 4 32	1°37'02	22°20	1♐35	17°13	0♐27	19°17	15°15	27°18	16°54	20°39	24°27	23°17	14°43	n.a.	S 4
M 5	4 8 28	2°38'18	5♏29	3°14	18° 2	1°14	19°31	15°16	27°15	16°53	20°R39	24°21	23°13	14°50	n.a.	M 5
T 6	4 12 25	3°39'33	19° 2	4°53	18°50	2° 1	19°45	15°17	27°13	16°52	20°39	24°12	23°10	14°56	n.a.	T 6
W 7	4 16 21	4°40'48	2♐56	6°33	19°37	2°48	19°59	15°18	27°10	16°51	20°39	24° 2	23° 7	15° 3	n.a.	W 7
T 8	4 20 18	5°42'02	17° 9	8°13	20°24	3°35	20°13	15°19	27° 8	16°50	20°38	23°50	23° 4	15°10	n.a.	T 8
F 9	4 24 15	6°43'16	1♉35	9°54	21° 9	4°22	20°27	15°20	27° 5	16°49	20°38	23°38	23° 1	15°16	n.a.	F 9
S 10	4 28 11	7°44'28	16° 6	11°35	21°53	5° 8	20°41	15°21	27° 3	16°48	20°38	23°28	22°58	15°23	n.a.	S 10
S 11	4 32 8	8°45'40	0♒36	13°17	22°36	5°55	20°55	15°22	27° 0	16°47	20°38	23°21	22°54	15°30	n.a.	S 11
M12	4 36 4	9°46'50	15° 0	14°59	23°18	6°42	21°10	15°24	26°57	16°46	20°38	23°16	22°51	15°36	n.a.	M12
T 13	4 40 1	10°47'59	29°14	16°42	23°59	7°29	21°24	15°26	26°55	16°45	20°37	23°14	22°48	15°43	n.a.	T 13
W14	4 43 57	11°49'07	13♓16	18°25	24°39	8°16	21°38	15°27	26°52	16°44	20°37	23°D14	22°45	15°50	n.a.	W14
T 15	4 47 54	12°50'14	27° 7	20° 8	25°17	9° 3	21°52	15°29	26°50	16°44	20°37	23°R14	22°42	15°56	n.a.	T 15
F 16	4 51 50	13°51'19	10♈47	21°52	25°54	9°50	22° 6	15°31	26°48	16°43	20°36	23°13	22°39	16° 3	n.a.	F 16
S 17	4 55 47	14°52'23	24°16	23°36	26°30	10°37	22°20	15°33	26°45	16°42	20°36	23°10	22°35	16°10	n.a.	S 17
S 18	4 59 44	15°53'26	7♉35	25°20	27° 4	11°24	22°35	15°35	26°43	16°41	20°36	23° 4	22°32	16°16	n.a.	S 18
M19	5 3 40	16°54'28	20°44	27° 4	27°37	12°11	22°49	15°38	26°40	16°41	20°35	22°55	22°29	16°23	n.a.	M19
T 20	5 7 37	17°55'28	3♊41	28°48	28° 8	12°58	23° 3	15°40	26°38	16°40	20°35	22°43	22°26	16°30	n.a.	T 20
W21	5 11 33	18°56'27	16°28	0♉32	28°38	13°45	23°17	15°42	26°36	16°39	20°34	22°29	22°23	16°36	n.a.	W21
T 22	5 15 30	19°57'25	29° 1	2°15	29° 5	14°33	23°31	15°45	26°33	16°39	20°33	22°15	22°19	16°43	n.a.	T 22
F 23	5 19 26	20°58'22	11♋23	3°58	29°32	15°20	23°46	15°48	26°31	16°38	20°33	22° 1	22°16	16°50	n.a.	F 23
S 24	5 23 23	21°59'18	23°32	5°39	29°56	16° 7	24° 0	15°50	26°29	16°38	20°32	21°49	22°13	16°57	n.a.	S 24
S 25	5 27 20	23° 0'12	5♌32	7°20	0♒18	16°54	24°14	15°53	26°26	16°37	20°32	21°39	22°10	17° 3	n.a.	S 25
M26	5 31 16	24° 1'05	17°23	8°59	0°39	17°41	24°28	15°56	26°24	16°37	20°31	21°33	22° 7	17°10	n.a.	M26
T 27	5 35 13	25° 1'58	29°11	10°36	0°57	18°28	24°43	15°59	26°22	16°36	20°30	21°29	22° 4	17°17	n.a.	T 27
W28	5 39 9	26° 2'48	11♍ 0	12°11	1°14	19°15	24°57	16° 3	26°20	16°36	20°29	21°27	22° 0	17°23	n.a.	W28
T 29	5 43 6	27° 3'38	22°54	13°43	1°28	20° 3	25°11	16° 6	26°18	16°36	20°29	21°27	21°57	17°30	n.a.	T 29
F 30	5 47 2	28° 4'27	5♎ 0	15°11	1°41	20°50	25°25	16° 9	26°15	16°35	20°28	21°27	21°54	17°37	n.a.	F 30
S 31	5 50 59	29♐ 5'14	17♎22	16♉36	1♒51	21♐37	25♐40	16♓13	26♉13	16♈35	20♌27	21♍26	21♍51	17♌43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s10	5n13	0s51	21s11	1s29	24s43	1s42	20s40	0s37	23s39	0s19	8s23	2s41	19n55	0s 0	4n52	2s 4	30n25	16n33	2n13	2n39	13n41			n.a.
F 2	20 24	1 21	0n14	21 38	1 34	24 31	1 37	20 51	0 37	23 41	0 19	8 23	2 41	19 54	0 0	4 51	2 4	30 25	16 33	2 12	2 40	13 40			n.a.
S 3	20 37	2s39	1 19	22 4	1 38	24 19	1 31	21 2	0 38	23 42	0 19	8 22	2 41	19 53	0 0	4 51	2 4	30 26	16 34	2 13	2 41	13 39			n.a.
S 4	20 50	6 38	2 22	22 29	1 42	24 7	1 25	21 13	0 38	23 43	0 19	8 22	2 40	19 53	0 0	4 51	2 4	30 26	16 35	2 14	2 43	13 37			n.a.
M 5	21 2	10 26	3 20	22 52	1 45	23 54	1 18	21 23	0 39	23 44	0 19	8 21	2 40	19 52	0 0	4 50	2 4	30 27	16 35	2 17	2 44	13 36			n.a.
T 6	21 14	13 48	4 7	23 15	1 49	23 40	1 12	21 33	0 39	23 46	0 20	8 20	2 40	19 52	0 0	4 50	2 4	30 27	16 36	2 20	2 45	13 35			n.a.
W 7	21 26	16 29	4 42	23 36	1 51	23 27	1 5	21 43	0 40	23 47	0 20	8 20	2 39	19 51	0 0	4 49	2 4	30 28	16 36	2 25	2 47	13 33			n.a.
T 8	21 37	18 14	5 0	23 55	1 54	23 13	0 58	21 53	0 41	23 48	0 20	8 19	2 39	19 50	0 0	4 49	2 4	30 28	16 37	2 29	2 48	13 32			n.a.
F 9	21 48	18 51	4 59	24 13	1 56	22 58	0 50	22 3	0 41	23 49	0 20	8 18	2 39	19 50	0 0	4 49	2 4	30 29	16 37	2 34	2 49	13 31			n.a.
S 10	21 58	18 14	4 39	24 30	1 58	22 44	0 43	22 12	0 42	23 50	0 20	8 18	2 38	19 49	0 0	4 48	2 4	30 30	16 38	2 38	2 50	13 29			n.a.
S 11	22 8	16 26	4 1	24 45	2 0	22 29	0 35	22 21	0 42	23 51	0 20	8 17	2 38	19 49	0 0	4 48	2 4	30 30	16 39	2 41	2 52	13 28			n.a.
M12	22 17	13 37	3 8	24 59	2 1	22 14	0 27	22 30	0 43	23 52	0 20	8 16	2 38	19 48	0 0	4 48	2 4	30 31	16 39	2 43	2 53	13 27			n.a.
T 13	22 26	10 1	2 4	25 11	2 2	21 58	0 18	22 38	0 43	23 53	0 20	8 15	2 38	19 48	0 0	4 48	2 4	30 31	16 40	2 44	2 54	13 26			n.a.
W14	22 35	5 52	0 53	25 21	2 2	21 43	0 10	22 46	0 44	23 54	0 20	8 14	2 37	19 47	0 0	4 47	2 4	30 32	16 40	2 44	2 55	13 24			n.a.
T 15	22 43	1 29	0s21	25 29	2 2	21 27	0 1	22 54	0 44	23 55	0 20	8 13	2 37	19 46	0 0	4 47	2 3	30 33	16 41	2 44	2 57	13 23			n.a.
F 16	22 51	2n56	1 32	25 36	2 1	21 11	0n 8	23 2	0 45	23 56	0 20	8 12	2 37	19 46	0 0	4 47	2 3	30 33	16 41	2 44	2 58	13 22			n.a.
S 17	22 58	7 9	2 36	25 41	2 0	20 55	0 18	23 10	0 45	23 57	0 21	8 11	2 36	19 45	0 0	4 47	2 3	30 34	16 42	2 46	2 59	13 20			n.a.
S 18	23 5	10 57	3 31	25 43	1 58	20 38	0 28	23 17	0 46	23 58	0 21	8 10	2 36	19 45	0 0	4 46	2 3	30 35	16 42	2 48	3 1	13 19			n.a.
M19	23 11	14 9	4 15	25 44	1 56	20 22	0 38	23 24	0 47	23 59	0 21	8 9	2 36	19 44	0 0	4 46	2 3	30 35	16 43	2 52	3 2	13 18			n.a.
T 20	23 17	16 36	4 44	25 43	1 53	20 6	0 48	23 31	0 47	24 0	0 21	8 8	2 36	19 44	0 0	4 46	2 3	30 36	16 44	2 56	3 3	13 16			n.a.
W21	23 22	18 12	4 58	25 39	1 49	19 49	0 59	23 37	0 48	24 1	0 21	8 6	2 35	19 43	0 0	4 46	2 3	30 37	16 44	3 2	3 4	13 15			n.a.
T 22	23 27	18 52	4 58	25 34	1 44	19 33	1 10	23 43	0 48	24 2	0 21	8 5	2 35	19 42	0 0	4 46	2 3	30 37	16 45	3 8	3 6	13 14			n.a.
F 23	23 32	18 38	4 43	25 26	1 39	19 16	1 21	23 49	0 49	24 3	0 21	8 4	2 35	19 42	0 0	4 45	2 3	30 38	16 45	3 13	3 7	13 12			n.a.
S 24	23 36	17 33	4 16	25 16	1 33	19 0	1 32	23 55	0 49	24 3	0 21	8 2	2 34	19 41	0 0	4 45	2 3	30 39	16 46	3 18	3 8	13 11			n.a.
S 25	23 39	15 41	3 37	25 4	1 27	18 44	1 44	24 0	0 49	24 4	0 21	8 1	2 34	19 41	0 0	4 45	2 3	30 40	16 46	3 22	3 9	13 10			n.a.
M26	23 42	13 11	2 50	24 51	1 19	18 28	1 56	24 5	0 50	24 5	0 22	7 59	2 34	19 40	0 0	4 45	2 3	30 40	16 47	3 24	3 11	13 8			n.a.
T 27	23 45	10 9	1 55	24 35	1 11	18 11	2 8	24 10	0 50	24 6	0 22	7 58	2 34	19 40	0 0	4 45	2 3	30 41	16 47	3 26	3 12	13 7			n.a.
W28	23 47	6 43	0 55	24 17	1 1	17 56	2 21	24 15	0 51	24 6	0 22	7 56	2 33	19 39	0n 0	4 45	2 3	30 42	16 48	3 27	3 13	13 6			n.a.
T 29	23 48	2 59	0n 8	23 58	0 51	17 40	2 34	24 19	0 51	24 7	0 22	7 55	2 33	19 39	0 0	4 45	2 3	30 42	16 48	3 27	3 15	13 4			n.a.
F 30	23 49	0s56	1 11	23 37	0 40	17 25	2 47	24 23	0 52	24 7	0 22	7 53	2 33	19 38	0 0	4 45	2 2	30 43	16 49	3 27	3 16	13 3			n.a.
S 31	23s50	4s53	2n13	23s15	0s28	17s 9	3n 0	24s26	0s52	24s 8	0s22	7s52	2s33	19n38	0n 0	4n45	2s 2	30n44	16n49	3n27	3n17	13n 2			n.a.

Julian Day Number = 1267751.5, Delta T = 08h20m07s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'06, Lahiri = -21°06'06 Julian Calendar 1 Dec. 1243 BCE == Greg. Calendar 20 Nov. 1243 BCE

The year -1242 astronomical counting style corresponds to year 1243 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1242 BCE
geocentric

JANUARY 1242 BCE (-1241) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 54 55	0♉ 6'00	0♏ 7	17♉55	1♒58	22♐24	25♐54	16♓16	26°R11	16°R35	20°R26	21°R23	21♍48	17♌50	n.a.	S 1
M 2	5 58 52	1° 6'45	13°17	19°10	2° 4	23°11	26° 8	16°20	26♉ 9	16♈35	20♌25	21♍17	21°45	17°57	n.a.	M 2
T 3	6 2 49	2° 7'29	26°55	20°18	2° 7	23°59	26°22	16°24	26° 7	16°34	20°24	21° 9	21°41	18° 3	n.a.	T 3
W 4	6 6 45	3° 8'11	11♐ 1	21°19	2°R 7	24°46	26°37	16°28	26° 5	16°34	20°23	20°58	21°38	18°10	n.a.	W 4
T 5	6 10 42	4° 8'52	25°31	22°12	2° 5	25°33	26°51	16°32	26° 4	16°34	20°22	20°46	21°35	18°17	n.a.	T 5
F 6	6 14 38	5° 9'31	10♉19	22°57	2° 1	26°20	27° 5	16°36	26° 2	16°34	20°21	20°35	21°32	18°23	n.a.	F 6
S 7	6 18 35	6°10'08	25°15	23°33	1°54	27° 8	27°19	16°40	26° 0	16°34	20°20	20°24	21°29	18°30	n.a.	S 7
S 8	6 22 31	7°10'44	10♒11	24° 0	1°44	27°55	27°34	16°44	25°58	16°D34	20°19	20°17	21°25	18°37	n.a.	S 8
M 9	6 26 28	8°11'18	24°59	24°16	1°32	28°42	27°48	16°49	25°56	16°34	20°18	20°12	21°22	18°43	n.a.	M 9
T 10	6 30 24	9°11'49	9♓31	24°R22	1°18	29°29	28° 2	16°53	25°55	16°34	20°17	20°10	21°19	18°50	n.a.	T 10
W11	6 34 21	10°12'19	23°46	24°18	1° 1	0♉17	28°16	16°58	25°53	16°34	20°16	20°D 9	21°16	18°57	n.a.	W11
T 12	6 38 18	11°12'46	7♈40	24° 4	0°41	1° 4	28°30	17° 2	25°51	16°34	20°15	20°R10	21°13	19° 3	n.a.	T 12
F 13	6 42 14	12°13'11	21°16	23°40	0°19	1°51	28°44	17° 7	25°50	16°34	20°13	20° 9	21°10	19°10	n.a.	F 13
S 14	6 46 11	13°13'34	4♉34	23° 6	29♉55	2°38	28°58	17°12	25°48	16°35	20°12	20° 7	21° 6	19°17	n.a.	S 14
S 15	6 50 7	14°13'55	17°38	22°24	29°29	3°26	29°12	17°17	25°47	16°35	20°11	20° 3	21° 3	19°23	n.a.	S 15
M16	6 54 4	15°14'14	0♊27	21°35	29° 0	4°13	29°26	17°22	25°45	16°35	20°10	19°56	21° 0	19°30	n.a.	M16
T 17	6 58 0	16°14'31	13° 6	20°40	28°30	5° 0	29°40	17°27	25°44	16°35	20° 8	19°46	20°57	19°37	n.a.	T 17
W18	7 1 57	17°14'46	25°33	19°40	27°58	5°47	29°54	17°32	25°43	16°36	20° 7	19°35	20°54	19°43	n.a.	W18
T 19	7 5 53	18°14'59	7♋51	18°38	27°24	6°34	0♉ 8	17°37	25°41	16°36	20° 6	19°23	20°50	19°50	n.a.	T 19
F 20	7 9 50	19°15'10	20° 0	17°33	26°49	7°22	0°22	17°42	25°40	16°37	20° 4	19°11	20°47	19°57	n.a.	F 20
S 21	7 13 47	20°15'18	2♌ 1	16°29	26°13	8° 9	0°36	17°48	25°39	16°37	20° 3	19° 1	20°44	20° 3	n.a.	S 21
S 22	7 17 43	21°15'25	13°55	15°27	25°36	8°56	0°50	17°53	25°38	16°38	20° 2	18°53	20°41	20°10	n.a.	S 22
M23	7 21 40	22°15'30	25°44	14°28	24°59	9°43	1° 4	17°59	25°36	16°38	20° 0	18°48	20°38	20°17	n.a.	M23
T 24	7 25 36	23°15'33	7♍32	13°33	24°21	10°30	1°17	18° 4	25°35	16°39	19°59	18°45	20°35	20°23	n.a.	T 24
W25	7 29 33	24°15'34	19°20	12°42	23°43	11°17	1°31	18°10	25°34	16°39	19°57	18°D44	20°31	20°30	n.a.	W25
T 26	7 33 29	25°15'33	1♎15	11°58	23° 5	12° 5	1°45	18°16	25°33	16°40	19°56	18°45	20°28	20°37	n.a.	T 26
F 27	7 37 26	26°15'30	13°19	11°19	22°28	12°52	1°58	18°21	25°33	16°40	19°55	18°46	20°25	20°43	n.a.	F 27
S 28	7 41 22	27°15'26	25°39	10°48	21°51	13°39	2°12	18°27	25°32	16°41	19°53	18°R46	20°22	20°50	n.a.	S 28
S 29	7 45 19	28°15'20	8♏19	10°23	21°15	14°26	2°26	18°33	25°31	16°42	19°52	18°46	20°19	20°57	n.a.	S 29
M30	7 49 15	29°15'12	21°25	10° 4	20°41	15°13	2°39	18°39	25°30	16°42	19°50	18°43	20°16	21° 3	n.a.	M30
T 31	7 53 12	0♒15'02	4♐59	9♉53	20♉ 7	16♉ 0	2♉53	18♓45	25♉29	16♈43	19♌49	18♍39	20♍12	21♌10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23s50	8s45	3n10	22s52	0s16	16s55	3n13	24s30	0s53	24s 9	0s22	7s50	2s32	19n37	0n 0	4n45	2s 2	30n45	16n50	3n28	3n18	13n 0			n.a.
M 2	23 50	12 18	3 58	22 29	0 2	16 40	3 27	24 33	0 53	24 9	0 22	7 48	2 32	19 37	0 0	4 45	2 2	30 45	16 50	3 31	3 20	12 59			n.a.
T 3	23 49	15 20	4 35	22 4	0n13	16 26	3 41	24 36	0 54	24 10	0 22	7 47	2 32	19 36	0 0	4 45	2 2	30 46	16 51	3 34	3 21	12 58			n.a.
W 4	23 48	17 34	4 57	21 40	0 28	16 12	3 55	24 38	0 54	24 10	0 23	7 45	2 31	19 36	0 0	4 45	2 2	30 47	16 51	3 38	3 22	12 56			n.a.
T 5	23 46	18 46	5 0	21 16	0 44	15 59	4 9	24 40	0 55	24 11	0 23	7 43	2 31	19 36	0 0	4 45	2 2	30 48	16 51	3 43	3 24	12 55			n.a.
F 6	23 44	18 43	4 44	20 52	1 0	15 46	4 23	24 42	0 55	24 11	0 23	7 41	2 31	19 35	0 0	4 45	2 2	30 48	16 52	3 48	3 25	12 53			n.a.
S 7	23 42	17 23	4 8	20 29	1 17	15 34	4 37	24 44	0 55	24 12	0 23	7 39	2 31	19 35	0 0	4 45	2 2	30 49	16 52	3 52	3 26	12 52			n.a.
S 8	23 38	14 51	3 15	20 8	1 34	15 23	4 51	24 45	0 56	24 12	0 23	7 37	2 30	19 34	0 0	4 45	2 2	30 50	16 53	3 55	3 27	12 51			n.a.
M 9	23 35	11 23	2 9	19 48	1 51	15 11	5 5	24 46	0 56	24 12	0 23	7 35	2 30	19 34	0 0	4 45	2 2	30 51	16 53	3 57	3 29	12 49			n.a.
T 10	23 31	7 16	0 56	19 30	2 8	15 1	5 19	24 47	0 57	24 13	0 23	7 33	2 30	19 33	0 0	4 45	2 2	30 52	16 54	3 58	3 30	12 48			n.a.
W11	23 26	2 49	0s19	19 15	2 24	14 51	5 33	24 47	0 57	24 13	0 23	7 31	2 30	19 33	0 0	4 45	2 2	30 52	16 54	3 58	3 31	12 47			n.a.
T 12	23 21	1n41	1 32	19 2	2 40	14 42	5 47	24 47	0 57	24 13	0 23	7 29	2 29	19 33	0 0	4 45	2 2	30 53	16 54	3 58	3 32	12 45			n.a.
F 13	23 16	6 0	2 38	18 51	2 55	14 33	6 0	24 47	0 58	24 14	0 24	7 27	2 29	19 32	0 0	4 45	2 1	30 54	16 55	3 58	3 34	12 44			n.a.
S 14	23 10	9 55	3 33	18 43	3 9	14 26	6 13	24 47	0 58	24 14	0 24	7 25	2 29	19 32	0 0	4 46	2 1	30 55	16 55	3 59	3 35	12 43			n.a.
S 15	23 4	13 16	4 17	18 38	3 21	14 19	6 26	24 46	0 59	24 14	0 24	7 23	2 29	19 32	0 0	4 46	2 1	30 55	16 56	4 0	3 36	12 41			n.a.
M16	22 57	15 55	4 46	18 35	3 32	14 12	6 38	24 45	0 59	24 14	0 24	7 21	2 29	19 31	0 0	4 46	2 1	30 56	16 56	4 3	3 37	12 40			n.a.
T 17	22 50	17 46	5 1	18 35	3 40	14 7	6 50	24 44	0 59	24 14	0 24	7 18	2 28	19 31	0 0	4 46	2 1	30 57	16 56	4 7	3 39	12 38			n.a.
W18	22 42	18 44	5 2	18 38	3 47	14 2	7 1	24 42	1 0	24 15	0 24	7 16	2 28	19 31	0 0	4 46	2 1	30 58	16 57	4 12	3 40	12 37			n.a.
T 19	22 34	18 49	4 48	18 42	3 52	13 58	7 12	24 40	1 0	24 15	0 24	7 14	2 28	19 30	0 0	4 46	2 1	30 59	16 57	4 16	3 41	12 36			n.a.
F 20	22 26	18 1	4 21	18 48	3 54	13 55	7 21	24 38	1 0	24 15	0 24	7 12	2 28	19 30	0 0	4 47	2 1	30 59	16 57	4 21	3 43	12 34			n.a.
S 21	22 17	16 25	3 43	18 56	3 54	13 53	7 31	24 36	1 1	24 15	0 25	7 9	2 27	19 30	0 0	4 47	2 1	31 0	16 58	4 25	3 44	12 33			n.a.
S 22	22 8	14 8	2 55	19 5	3 52	13 51	7 39	24 33	1 1	24 15	0 25	7 7	2 27	19 29	0 0	4 47	2 1	31 1	16 58	4 28	3 45	12 31			n.a.
M23	21 58	11 16	2 0	19 16	3 48	13 51	7 46	24 30	1 1	24 15	0 25	7 5	2 27	19 29	0 0	4 47	2 1	31 2	16 58	4 30	3 46	12 30			n.a.
T 24	21 48	7 58	1 0	19 28	3 42	13 51	7 53	24 26	1 2	24 15	0 25	7 2	2 27	19 29	0 0	4 48	2 1	31 3	16 59	4 31	3 48	12 29			n.a.
W25	21 37	4 20	0n 3	19 40	3 34	13 51	7 59	24 23	1 2	24 15	0 25	7 0	2 27	19 29	0 0	4 48	2 1	31 3	16 59	4 32	3 49	12 27			n.a.
T 26	21 26	0 31	1 7	19 53	3 25	13 53	8 4	24 19	1 2	24 15	0 25	6 57	2 26	19 29	0 0	4 48	2 0	31 4	16 59	4 32	3 50	12 26			n.a.
F 27	21 15	3s22	2 9	20 6	3 15	13 55	8 8	24 15	1 3	24 15	0 25	6 55	2 26	19 28	0 0	4 49	2 0	31 5	17 0	4 31	3 51	12 24			n.a.
S 28	21 3	7 12	3 6	20 20	3 4	13 58	8 11	24 10	1 3	24 15	0 26	6 52	2 26	19 28	0 0	4 49	2 0	31 6	17 0	4 31	3 53	12 23			n.a.
S 29	20 51	10 48	3 55	20 34	2 52	14 1	8 13	24 5	1 3	24 15	0 26	6 50	2 26	19 28	0 0	4 49	2 0	31 6	17 0	4 31	3 54	12 22			n.a.
M30	20 39	14 0	4 34	20 47	2 40	14 5	8 14	24 0	1 3	24 15	0 26	6 47	2 26	19 28	0 0	4 50	2 0	31 7	17 0	4 32	3 55	12 20			n.a.
T 31	20s26	16s34	5n 0	21s 1	2n27	14s10	8n14	23s55	1s 4	24s14	0s26	6s45	2s25	19n28	0n 0	4n50	2s 0	31n 8	17n 1	4n34	3n57	12n19			n.a.

Julian Day Number = 1267782.5, Delta T = 08h20m05s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°13'02, Lahiri = -21°06'01 Julian Calendar 1 Jan. 1242 BCE == Greg. Calendar 21 Dec. 1243 BCE

The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1242 BCE
geocentric

FEBRUARY 1242 BCE (-1241) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 57 9	1♒14'50	19♐ 2	9°D47	19°R36	16♑47	3♑ 6	18♓51	25°R29	16♈44	19°R47	18°R33	20♍ 9	21♌17	n.a.	W 1
T 2	8 1 5	2°14'37	3♑32	9♑49	19♑ 6	17°34	3°19	18°58	25♉28	16°45	19♌45	18♍26	20° 6	21°23	n.a.	T 2
F 3	8 5 2	3°14'21	18°26	9°56	18°38	18°21	3°33	19° 4	25°28	16°46	19°44	18°19	20° 3	21°30	n.a.	F 3
S 4	8 8 58	4°14'04	3♒34	10° 8	18°11	19° 8	3°46	19°10	25°27	16°47	19°42	18°12	20° 0	21°37	n.a.	S 4
S 5	8 12 55	5°13'44	18°46	10°27	17°47	19°55	3°59	19°17	25°27	16°48	19°41	18° 7	19°56	21°43	n.a.	S 5
M 6	8 16 51	6°13'22	3♓53	10°50	17°26	20°42	4°12	19°23	25°26	16°49	19°39	18° 5	19°53	21°50	n.a.	M 6
T 7	8 20 48	7°12'57	18°45	11°18	17° 6	21°29	4°26	19°30	25°26	16°50	19°38	18°D 4	19°50	21°57	n.a.	T 7
W 8	8 24 44	8°12'30	3♈17	11°50	16°49	22°16	4°39	19°36	25°26	16°51	19°36	18° 4	19°47	22° 3	n.a.	W 8
T 9	8 28 41	9°12'01	17°26	12°27	16°35	23° 3	4°52	19°43	25°25	16°52	19°34	18° 6	19°44	22°10	n.a.	T 9
F 10	8 32 38	10°11'29	1♉ 9	13° 8	16°22	23°50	5° 5	19°49	25°25	16°53	19°33	18° 7	19°41	22°17	n.a.	F 10
S 11	8 36 34	11°10'55	14°29	13°53	16°13	24°37	5°18	19°56	25°25	16°54	19°31	18°R 7	19°37	22°23	n.a.	S 11
S 12	8 40 31	12°10'18	27°29	14°41	16° 5	25°24	5°30	20° 3	25°25	16°55	19°29	18° 6	19°34	22°30	n.a.	S 12
M13	8 44 27	13° 9'39	10♊11	15°32	16° 1	26°10	5°43	20°10	25°D25	16°56	19°28	18° 3	19°31	22°37	n.a.	M13
T 14	8 48 24	14° 8'58	22°37	16°26	15°D58	26°57	5°56	20°16	25°25	16°57	19°26	17°59	19°28	22°43	n.a.	T 14
W15	8 52 20	15° 8'14	4♋52	17°24	15°58	27°44	6° 8	20°23	25°25	16°59	19°25	17°54	19°25	22°50	n.a.	W15
T 16	8 56 17	16° 7'27	16°58	18°24	16° 1	28°31	6°21	20°30	25°25	17° 0	19°23	17°48	19°22	22°57	n.a.	T 16
F 17	9 0 13	17° 6'39	28°56	19°27	16° 5	29°17	6°34	20°37	25°25	17° 1	19°21	17°42	19°18	23° 3	n.a.	F 17
S 18	9 4 10	18° 5'48	10♌49	20°32	16°12	0♒ 4	6°46	20°44	25°26	17° 3	19°20	17°38	19°15	23°10	n.a.	S 18
S 19	9 8 6	19° 4'54	22°39	21°40	16°22	0°51	6°58	20°51	25°26	17° 4	19°18	17°34	19°12	23°16	n.a.	S 19
M20	9 12 3	20° 3'59	4♍27	22°50	16°33	1°37	7°11	20°59	25°26	17° 5	19°16	17°32	19° 9	23°23	n.a.	M20
T 21	9 16 0	21° 3'01	16°16	24° 2	16°46	2°24	7°23	21° 6	25°27	17° 7	19°15	17°D31	19° 6	23°30	n.a.	T 21
W22	9 19 56	22° 2'02	28° 8	25°16	17° 2	3°10	7°35	21°13	25°27	17° 8	19°13	17°31	19° 2	23°36	n.a.	W22
T 23	9 23 53	23° 1'00	10♎ 7	26°32	17°20	3°57	7°47	21°20	25°28	17°10	19°11	17°33	18°59	23°43	n.a.	T 23
F 24	9 27 49	23°59'56	22°16	27°51	17°39	4°43	7°59	21°27	25°28	17°11	19°10	17°34	18°56	23°50	n.a.	F 24
S 25	9 31 46	24°58'51	4♏38	29°11	18° 0	5°30	8°11	21°35	25°29	17°13	19° 8	17°36	18°53	23°56	n.a.	S 25
S 26	9 35 42	25°57'43	17°18	0♒33	18°23	6°16	8°23	21°42	25°29	17°14	19° 6	17°37	18°50	24° 3	n.a.	S 26
M27	9 39 39	26°56'34	0♐20	1°56	18°48	7° 3	8°35	21°49	25°30	17°16	19° 5	17°R37	18°47	24°10	n.a.	M27
T 28	9 43 35	27♒55'23	13♐46	3♒22	19♑15	7♒49	8♑46	21♓57	25♉31	17♈17	19♌ 3	17♍36	18♍43	24♌16	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s13	18s15	5n 8	21s15	2n14	14s15	8n13	23s49	1s 4	24s14	0s26	6s42	2s25	19n27	0n 0	4n50	2s 0	31n 9	17n 1	4n36	3n58	12n17		n.a.
T 2	19 59	18 50	4 58	21 28	2 1	14 20	8 12	23 43	1 4	24 14	0 26	6 39	2 25	19 27	0 0	4 51	2 0	31 9	17 1	4 39	3 59	12 16		n.a.
F 3	19 45	18 8	4 27	21 40	1 47	14 26	8 9	23 37	1 4	24 14	0 26	6 37	2 25	19 27	0 0	4 51	2 0	31 10	17 1	4 42	4 0	12 15		n.a.
S 4	19 31	16 9	3 38	21 53	1 34	14 33	8 6	23 31	1 5	24 14	0 26	6 34	2 25	19 27	0 0	4 52	2 0	31 11	17 1	4 44	4 2	12 13		n.a.
S 5	19 17	13 3	2 32	22 4	1 21	14 40	8 2	23 24	1 5	24 13	0 27	6 31	2 24	19 27	0 0	4 52	2 0	31 12	17 2	4 46	4 3	12 12		n.a.
M 6	19 2	9 4	1 16	22 16	1 8	14 47	7 58	23 17	1 5	24 13	0 27	6 29	2 24	19 27	0 0	4 52	2 0	31 12	17 2	4 47	4 4	12 10		n.a.
T 7	18 47	4 35	0s 4	22 26	0 55	14 54	7 53	23 10	1 5	24 13	0 27	6 26	2 24	19 27	0 0	4 53	2 0	31 13	17 2	4 48	4 5	12 9		n.a.
W 8	18 31	0n 5	1 22	22 35	0 43	15 2	7 47	23 3	1 6	24 12	0 27	6 23	2 24	19 27	0 0	4 53	2 0	31 14	17 2	4 47	4 7	12 7		n.a.
T 9	18 15	4 36	2 33	22 44	0 31	15 10	7 41	22 55	1 6	24 12	0 27	6 20	2 24	19 27	0 0	4 54	2 0	31 14	17 2	4 47	4 8	12 6		n.a.
F 10	17 59	8 45	3 33	22 52	0 19	15 18	7 34	22 47	1 6	24 12	0 27	6 17	2 24	19 27	0 0	4 54	1 59	31 15	17 3	4 46	4 9	12 5		n.a.
S 11	17 43	12 19	4 20	22 59	0 7	15 26	7 27	22 39	1 6	24 11	0 28	6 15	2 23	19 27	0 0	4 55	1 59	31 16	17 3	4 46	4 10	12 3		n.a.
S 12	17 26	15 11	4 52	23 5	0s 4	15 35	7 19	22 30	1 6	24 11	0 28	6 12	2 23	19 27	0 0	4 55	1 59	31 16	17 3	4 47	4 12	12 2		n.a.
M13	17 9	17 15	5 9	23 10	0 15	15 43	7 11	22 22	1 7	24 11	0 28	6 9	2 23	19 27	0 0	4 56	1 59	31 17	17 3	4 48	4 13	12 0		n.a.
T 14	16 52	18 27	5 11	23 13	0 25	15 52	7 3	22 13	1 7	24 10	0 28	6 6	2 23	19 27	0 0	4 56	1 59	31 18	17 3	4 50	4 14	11 59		n.a.
W15	16 34	18 47	4 58	23 16	0 35	16 0	6 55	22 3	1 7	24 10	0 28	6 3	2 23	19 27	0 1	4 57	1 59	31 18	17 3	4 52	4 16	11 57		n.a.
T 16	16 16	18 14	4 33	23 17	0 44	16 9	6 46	21 54	1 7	24 9	0 28	6 0	2 23	19 27	0 1	4 57	1 59	31 19	17 3	4 54	4 17	11 56		n.a.
F 17	15 58	16 53	3 55	23 17	0 53	16 17	6 37	21 44	1 7	24 9	0 28	5 57	2 23	19 27	0 1	4 58	1 59	31 20	17 3	4 56	4 18	11 54		n.a.
S 18	15 40	14 48	3 8	23 16	1 2	16 25	6 28	21 34	1 7	24 8	0 29	5 54	2 22	19 27	0 1	4 59	1 59	31 20	17 3	4 58	4 19	11 53		n.a.
S 19	15 21	12 7	2 12	23 13	1 10	16 34	6 18	21 24	1 8	24 8	0 29	5 51	2 22	19 27	0 1	4 59	1 59	31 21	17 3	5 0	4 21	11 52		n.a.
M20	15 2	8 56	1 11	23 9	1 18	16 42	6 9	21 14	1 8	24 7	0 29	5 48	2 22	19 27	0 1	5 0	1 59	31 22	17 3	5 0	4 22	11 50		n.a.
T 21	14 43	5 24	0 7	23 4	1 25	16 49	5 59	21 3	1 8	24 7	0 29	5 45	2 22	19 27	0 1	5 0	1 59	31 22	17 3	5 1	4 23	11 49		n.a.
W22	14 24	1 38	0n58	22 57	1 32	16 57	5 50	20 53	1 8	24 6	0 29	5 42	2 22	19 27	0 1	5 1	1 59	31 23	17 3	5 1	4 24	11 47		n.a.
T 23	14 4	2s13	2 1	22 49	1 39	17 4	5 40	20 42	1 8	24 6	0 29	5 39	2 22	19 27	0 1	5 2	1 59	31 23	17 3	5 0	4 26	11 46		n.a.
F 24	13 45	6 2	3 0	22 39	1 45	17 12	5 30	20 30	1 8	24 5	0 30	5 36	2 22	19 28	0 1	5 2	1 59	31 24	17 3	4 59	4 27	11 44		n.a.
S 25	13 25	9 39	3 52	22 28	1 50	17 19	5 21	20 19	1 8	24 5	0 30	5 33	2 22	19 28	0 1	5 3	1 59	31 24	17 3	4 59	4 28	11 43		n.a.
S 26	13 5	12 55	4 33	22 15	1 55	17 25	5 11	20 7	1 8	24 4	0 30	5 30	2 22	19 28	0 1	5 3	1 58	31 25	17 3	4 58	4 29	11 41		n.a.
M27	12 44	15 38	5 2	22 0	2 0	17 31	5 1	19 55	1 9	24 3	0 30	5 27	2 21	19 28	0 1	5 4	1 58	31 26	17 3	4 58	4 31	11 40		n.a.
T 28	12s24	17s37	5n15	21s44	2s 4	17s37	4n51	19s43	1s 9	24s 3	0s30	5s24	2s21	19n28	0n 1	5n 5	1s58	31n26	17n 3	4n59	4n32	11n38		n.a.

Julian Day Number = 1267813.5, Delta T = 08h20m03s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'58, Lahiri = -21°05'57 Julian Calendar 1 Feb. 1242 BCE == Greg. Calendar 21 Jan. 1242 BCE

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ASTRODIENST EPHEMERIS for the year 1242 BCE
geocentric

MARCH 1242 BCE (-1241) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 47 32	28♒54'10	27♐39	4♒49	19♉43	8♒35	8♉58	22♓ 4	25♉32	17♈19	19°R 1	17°R35	18♍40	24♌23	n.a.	W 1
T 2	9 51 28	29°52'55	11♉59	6°18	20°13	9°22	9° 9	22°12	25°33	17°20	19♌ 0	17♍33	18°37	24°30	n.a.	T 2
F 3	9 55 25	0♓51'38	26°42	7°48	20°44	10° 8	9°21	22°19	25°34	17°22	18°58	17°31	18°34	24°36	n.a.	F 3
S 4	9 59 22	1°50'20	11♒43	9°20	21°16	10°54	9°32	22°27	25°35	17°24	18°57	17°29	18°31	24°43	n.a.	S 4
S 5	10 3 18	2°48'59	26°55	10°54	21°50	11°40	9°43	22°34	25°36	17°25	18°55	17°27	18°28	24°50	n.a.	S 5
M 6	10 7 15	3°47'36	12♓ 6	12°30	22°25	12°26	9°54	22°42	25°37	17°27	18°53	17°D27	18°24	24°56	n.a.	M 6
T 7	10 11 11	4°46'12	27° 8	14° 7	23° 2	13°13	10° 5	22°50	25°38	17°29	18°52	17°27	18°21	25° 3	n.a.	T 7
W 8	10 15 8	5°44'44	11♈53	15°45	23°39	13°59	10°16	22°57	25°39	17°31	18°50	17°27	18°18	25°10	n.a.	W 8
T 9	10 19 4	6°43'15	26°15	17°25	24°18	14°45	10°27	23° 5	25°40	17°32	18°49	17°28	18°15	25°16	n.a.	T 9
F 10	10 23 1	7°41'44	10♉10	19° 7	24°58	15°31	10°38	23°13	25°42	17°34	18°47	17°29	18°12	25°23	n.a.	F 10
S 11	10 26 57	8°40'10	23°39	20°51	25°39	16°17	10°49	23°20	25°43	17°36	18°46	17°30	18° 8	25°30	n.a.	S 11
S 12	10 30 54	9°38'34	6♊43	22°36	26°21	17° 2	10°59	23°28	25°44	17°38	18°44	17°R30	18° 5	25°36	n.a.	S 12
M13	10 34 51	10°36'55	19°25	24°23	27° 4	17°48	11°10	23°36	25°46	17°40	18°43	17°30	18° 2	25°43	n.a.	M13
T 14	10 38 47	11°35'15	1♋49	26°11	27°47	18°34	11°20	23°44	25°47	17°42	18°41	17°30	17°59	25°50	n.a.	T 14
W15	10 42 44	12°33'32	13°58	28° 1	28°32	19°20	11°30	23°51	25°49	17°43	18°40	17°29	17°56	25°56	n.a.	W15
T 16	10 46 40	13°31'47	25°57	29°53	29°18	20° 6	11°40	23°59	25°50	17°45	18°38	17°29	17°53	26° 3	n.a.	T 16
F 17	10 50 37	14°30'00	7♌49	1♓46	0♒ 4	20°51	11°50	24° 7	25°52	17°47	18°37	17°28	17°49	26°10	n.a.	F 17
S 18	10 54 33	15°28'11	19°38	3°41	0°52	21°37	12° 0	24°15	25°54	17°49	18°35	17°28	17°46	26°16	n.a.	S 18
S 19	10 58 30	16°26'19	1♍26	5°37	1°40	22°23	12°10	24°23	25°55	17°51	18°34	17°28	17°43	26°23	n.a.	S 19
M20	11 2 26	17°24'26	13°16	7°35	2°29	23° 8	12°20	24°30	25°57	17°53	18°32	17°28	17°40	26°30	n.a.	M20
T 21	11 6 23	18°22'31	25°10	9°35	3°18	23°54	12°29	24°38	25°59	17°55	18°31	17°28	17°37	26°36	n.a.	T 21
W22	11 10 19	19°20'34	7♎11	11°37	4° 8	24°39	12°39	24°46	26° 1	17°57	18°30	17°28	17°33	26°43	n.a.	W22
T 23	11 14 16	20°18'35	19°20	13°39	4°59	25°24	12°48	24°54	26° 3	17°59	18°28	17°27	17°30	26°50	n.a.	T 23
F 24	11 18 13	21°16'35	1♏39	15°43	5°51	26°10	12°57	25° 2	26° 5	18° 1	18°27	17°27	17°27	26°56	n.a.	F 24
S 25	11 22 9	22°14'33	14°12	17°49	6°43	26°55	13° 6	25°10	26° 7	18° 3	18°26	17°26	17°24	27° 3	n.a.	S 25
S 26	11 26 6	23°12'30	26°59	19°56	7°36	27°40	13°15	25°17	26° 9	18° 5	18°24	17°26	17°21	27° 9	n.a.	S 26
M27	11 30 2	24°10'25	10♐ 4	22° 3	8°29	28°26	13°24	25°25	26°11	18° 7	18°23	17°25	17°18	27°16	n.a.	M27
T 28	11 33 59	25° 8'19	23°28	24°12	9°23	29°11	13°33	25°33	26°13	18°10	18°22	17°D25	17°14	27°23	n.a.	T 28
W29	11 37 55	26° 6'11	7♉13	26°21	10°18	29°56	13°41	25°41	26°15	18°12	18°21	17°25	17°11	27°29	n.a.	W29
T 30	11 41 52	27° 4'02	21°19	28°31	11°13	0♓41	13°50	25°49	26°17	18°14	18°19	17°26	17° 8	27°36	n.a.	T 30
F 31	11 45 48	28♓ 1'52	5♒46	0♈41	12♒ 8	1♓26	13♉58	25♓57	26♉19	18♈16	18♌18	17♍27	17♍ 5	27♌43	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	12s 3	18s38	5n11	21s27	2s 8	17s43	4n42	19s31	1s 9	24s 2	0s30	5s21	2s21	19n28	0n 1	5n 5	1s58	31n27	17n 3	4n59	4n33	11n37			n.a.
T 2	11 42	18 31	4 48	21 7	2 11	17 48	4 32	19 19	1 9	24 2	0 31	5 18	2 21	19 29	0 1	5 6	1 58	31 27	17 3	5 0	4 35	11 35			n.a.
F 3	11 21	17 9	4 5	20 46	2 13	17 53	4 23	19 6	1 9	24 1	0 31	5 15	2 21	19 29	0 1	5 7	1 58	31 28	17 3	5 1	4 36	11 34			n.a.
S 4	11 0	14 36	3 5	20 23	2 16	17 58	4 13	18 53	1 9	24 0	0 31	5 12	2 21	19 29	0 1	5 7	1 58	31 28	17 3	5 2	4 37	11 33			n.a.
S 5	10 38	11 0	1 51	19 59	2 17	18 2	4 4	18 40	1 9	24 0	0 31	5 9	2 21	19 29	0 1	5 8	1 58	31 29	17 3	5 2	4 38	11 31			n.a.
M 6	10 17	6 41	0 30	19 33	2 19	18 5	3 54	18 27	1 9	23 59	0 31	5 6	2 21	19 30	0 1	5 9	1 58	31 29	17 3	5 2	4 40	11 30			n.a.
T 7	9 55	1 58	0s54	19 5	2 19	18 9	3 45	18 14	1 9	23 58	0 32	5 2	2 21	19 30	0 1	5 10	1 58	31 29	17 3	5 2	4 41	11 28			n.a.
W 8	9 33	2n46	2 12	18 36	2 19	18 11	3 36	18 0	1 9	23 58	0 32	4 59	2 21	19 30	0 1	5 10	1 58	31 30	17 3	5 2	4 42	11 27			n.a.
T 9	9 11	7 12	3 19	18 4	2 19	18 14	3 27	17 47	1 9	23 57	0 32	4 56	2 21	19 31	0 1	5 11	1 58	31 30	17 3	5 2	4 43	11 25			n.a.
F 10	8 49	11 7	4 13	17 31	2 18	18 15	3 18	17 33	1 9	23 56	0 32	4 53	2 20	19 31	0 1	5 12	1 58	31 31	17 3	5 1	4 45	11 24			n.a.
S 11	8 27	14 18	4 51	16 56	2 17	18 17	3 9	17 19	1 9	23 56	0 32	4 50	2 20	19 31	0 1	5 13	1 58	31 31	17 2	5 1	4 46	11 22			n.a.
S 12	8 5	16 40	5 12	16 20	2 15	18 18	3 0	17 5	1 9	23 55	0 33	4 47	2 20	19 32	0 1	5 13	1 58	31 31	17 2	5 1	4 47	11 21			n.a.
M13	7 43	18 8	5 17	15 41	2 12	18 18	2 51	16 51	1 9	23 54	0 33	4 43	2 20	19 32	0 1	5 14	1 58	31 32	17 2	5 1	4 48	11 19			n.a.
T 14	7 20	18 42	5 8	15 1	2 9	18 18	2 43	16 36	1 9	23 54	0 33	4 40	2 20	19 32	0 1	5 15	1 58	31 32	17 2	5 1	4 50	11 18			n.a.
W15	6 57	18 23	4 44	14 19	2 6	18 17	2 34	16 22	1 9	23 53	0 33	4 37	2 20	19 33	0 1	5 16	1 58	31 33	17 2	5 1	4 51	11 16			n.a.
T 16	6 35	17 14	4 9	13 36	2 2	18 16	2 26	16 7	1 9	23 52	0 33	4 34	2 20	19 33	0 1	5 16	1 58	31 33	17 2	5 2	4 52	11 15			n.a.
F 17	6 12	15 21	3 23	12 50	1 57	18 14	2 17	15 52	1 9	23 51	0 33	4 31	2 20	19 33	0 1	5 17	1 58	31 33	17 1	5 2	4 53	11 13			n.a.
S 18	5 49	12 50	2 29	12 3	1 52	18 12	2 9	15 37	1 9	23 51	0 34	4 28	2 20	19 34	0 1	5 18	1 58	31 33	17 1	5 2	4 55	11 12			n.a.
S 19	5 26	9 47	1 28	11 15	1 46	18 9	2 1	15 22	1 9	23 50	0 34	4 24	2 20	19 34	0 1	5 19	1 57	31 34	17 1	5 2	4 56	11 10			n.a.
M20	5 3	6 20	0 23	10 24	1 40	18 6	1 53	15 7	1 9	23 49	0 34	4 21	2 20	19 35	0 1	5 20	1 57	31 34	17 1	5 2	4 57	11 9			n.a.
T 21	4 40	2 36	0n43	9 32	1 33	18 2	1 46	14 51	1 9	23 49	0 34	4 18	2 20	19 35	0 1	5 20	1 57	31 34	17 0	5 2	4 58	11 7			n.a.
W22	4 17	1s15	1 47	8 39	1 26	17 58	1 38	14 36	1 9	23 48	0 35	4 15	2 20	19 36	0 1	5 21	1 57	31 34	17 0	5 2	5 0	11 6			n.a.
T 23	3 54	5 6	2 48	7 44	1 18	17 53	1 30	14 20	1 8	23 47	0 35	4 12	2 20	19 36	0 1	5 22	1 57	31 35	17 0	5 2	5 1	11 4			n.a.
F 24	3 31	8 47	3 42	6 47	1 10	17 47	1 23	14 5	1 8	23 47	0 35	4 8	2 20	19 37	0 1	5 23	1 57	31 35	17 0	5 2	5 2	11 3			n.a.
S 25	3 8	12 8	4 26	5 49	1 1	17 41	1 16	13 49	1 8	23 46	0 35	4 5	2 20	19 37	0 1	5 24	1 57	31 35	16 59	5 3	5 4	11 1			n.a.
S 26	2 44	14 59	4 58	4 51	0 52	17 34	1 9	13 33	1 8	23 45	0 35	4 2	2 20	19 38	0 1	5 24	1 57	31 35	16 59	5 3	5 5	11 0			n.a.
M27	2 21	17 8	5 15	3 51	0 42	17 27	1 2	13 17	1 8	23 45	0 36	3 59	2 20	19 38	0 1	5 25	1 57	31 35	16 59	5 3	5 6	10 58			n.a.
T 28	1 58	18 25	5 16	2 50	0 32	17 20	0 55	13 1	1 8	23 44	0 36	3 56	2 20	19 39	0 1	5 26	1 57	31 36	16 59	5 3	5 7	10 56			n.a.
W29	1 34	18 40	4 59	1 48	0 22	17 11	0 48	12 44	1 8	23 43	0 36	3 52	2 20	19 39	0 1	5 27	1 57	31 36	16 58	5 3	5 9	10 55			n.a.
T 30	1 11	17 46	4 24	0 47	0 12	17 3	0 41	12 28	1 8	23 42	0 36	3 49	2 20	19 40	0 1	5 28	1 57	31 36	16 58	5 3	5 10	10 53			n.a.
F 31	0s48	15s44	3n31	0n16	0s 1	16s53	0n35	12s12	1s 8	23s42	0s36	3s46	2s20	19n40	0n 1	5n29	1s57	31n36	16n58	5n 2	5n11	10n52			n.a.

Julian Day Number = 1267841.5, Delta T = 08h20m02s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'54, Lahiri = -21°05'53 Julian Calendar 1 March 1242 BCE == Greg. Calendar 18 Feb. 1242 BCE

The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1242 BCE
geocentric

APRIL 1242 BCE (-1241) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 49 45	28♓59'40	20♒29	2♈51	13♒ 4	2♓11	14♎ 6	26♓ 5	26♉22	18♈18	18°R17	17♍27	17♍ 2	27♌49	n.a.	S 1
S 2	11 53 41	29°57'27	5♓24	5° 1	14° 0	2°56	14°14	26°13	26°24	18°20	18♌16	17°28	16°59	27°56	n.a.	S 2
M 3	11 57 38	0♈55'13	20°23	7°10	14°57	3°41	14°22	26°20	26°26	18°22	18°15	17°R28	16°55	28° 3	n.a.	M 3
T 4	12 1 35	1°52'57	5♈19	9°18	15°54	4°26	14°30	26°28	26°29	18°25	18°14	17°28	16°52	28° 9	n.a.	T 4
W 5	12 5 31	2°50'39	20° 3	11°26	16°52	5°10	14°38	26°36	26°31	18°27	18°13	17°27	16°49	28°16	n.a.	W 5
T 6	12 9 28	3°48'20	4♉29	13°31	17°50	5°55	14°45	26°44	26°34	18°29	18°12	17°25	16°46	28°23	n.a.	T 6
F 7	12 13 24	4°45'59	18°30	15°35	18°49	6°40	14°52	26°52	26°36	18°31	18°11	17°22	16°43	28°29	n.a.	F 7
S 8	12 17 21	5°43'37	2♊ 6	17°37	19°47	7°24	15° 0	27° 0	26°39	18°33	18°10	17°20	16°39	28°36	n.a.	S 8
S 9	12 21 17	6°41'13	15°16	19°37	20°47	8° 9	15° 7	27° 7	26°41	18°35	18° 9	17°18	16°36	28°43	n.a.	S 9
M10	12 25 14	7°38'47	28° 2	21°35	21°46	8°53	15°14	27°15	26°44	18°38	18° 8	17°17	16°33	28°49	n.a.	M10
T 11	12 29 10	8°36'20	10♋27	23°30	22°46	9°38	15°20	27°23	26°47	18°40	18° 7	17°D17	16°30	28°56	n.a.	T 11
W12	12 33 7	9°33'51	22°36	25°22	23°46	10°22	15°27	27°31	26°49	18°42	18° 6	17°17	16°27	29° 3	n.a.	W12
T 13	12 37 4	10°31'21	4♌33	27°12	24°47	11° 7	15°33	27°39	26°52	18°44	18° 5	17°19	16°24	29° 9	n.a.	T 13
F 14	12 41 0	11°28'49	16°24	28°59	25°47	11°51	15°40	27°46	26°55	18°47	18° 4	17°20	16°20	29°16	n.a.	F 14
S 15	12 44 57	12°26'16	28°11	0♉43	26°48	12°35	15°46	27°54	26°58	18°49	18° 3	17°22	16°17	29°23	n.a.	S 15
S 16	12 48 53	13°23'41	10♍ 1	2°23	27°50	13°19	15°52	28° 2	27° 0	18°51	18° 3	17°23	16°14	29°29	n.a.	S 16
M17	12 52 50	14°21'04	21°55	4° 1	28°51	14° 3	15°58	28° 9	27° 3	18°53	18° 2	17°R23	16°11	29°36	n.a.	M17
T 18	12 56 46	15°18'27	3♎57	5°36	29°53	14°47	16° 3	28°17	27° 6	18°55	18° 1	17°22	16° 8	29°42	n.a.	T 18
W19	13 0 43	16°15'48	16° 9	7° 8	0♓56	15°31	16° 9	28°25	27° 9	18°58	18° 0	17°20	16° 4	29°49	n.a.	W19
T 20	13 4 39	17°13'09	28°33	8°37	1°58	16°15	16°14	28°32	27°12	19° 0	18° 0	17°16	16° 1	29°56	n.a.	T 20
F 21	13 8 36	18°10'28	11♏10	10° 2	3° 1	16°59	16°19	28°40	27°15	19° 2	17°59	17°11	15°58	0♍ 2	n.a.	F 21
S 22	13 12 33	19° 7'47	23°59	11°24	4° 4	17°43	16°24	28°48	27°18	19° 4	17°58	17° 6	15°55	0° 9	n.a.	S 22
S 23	13 16 29	20° 5'04	7♐ 3	12°43	5° 7	18°27	16°29	28°55	27°21	19° 7	17°58	17° 1	15°52	0°16	n.a.	S 23
M24	13 20 26	21° 2'21	20°20	13°59	6°10	19°11	16°34	29° 3	27°24	19° 9	17°57	16°57	15°49	0°22	n.a.	M24
T 25	13 24 22	21°59'37	3♑51	15°11	7°14	19°54	16°38	29°10	27°27	19°11	17°57	16°54	15°45	0°29	n.a.	T 25
W26	13 28 19	22°56'53	17°36	16°20	8°18	20°38	16°42	29°18	27°30	19°13	17°56	16°D53	15°42	0°36	n.a.	W26
T 27	13 32 15	23°54'08	1♒35	17°25	9°22	21°21	16°47	29°25	27°34	19°16	17°56	16°53	15°39	0°42	n.a.	T 27
F 28	13 36 12	24°51'23	15°47	18°27	10°26	22° 5	16°51	29°32	27°37	19°18	17°56	16°54	15°36	0°49	n.a.	F 28
S 29	13 40 8	25°48'37	0♓11	19°25	11°30	22°48	16°54	29°40	27°40	19°20	17°55	16°55	15°33	0°56	n.a.	S 29
S 30	13 44 5	26♈45'50	14♓44	20♉20	12♓35	23♓32	16♎58	29♓47	27♉43	19♈22	17♌55	16°R56	15♍30	1♍ 2	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s24	12s38	2n24	1n18	0n10	16s43	0n28	11s55	1s 7	23s41	0s37	3s43	2s20	19n41	0n 1	5n29	1s57	31n36	16n57	5n 2	5n12	10n50		n.a.
S 2	0 1	8 39	1 7	2 20	0 20	16 33	0 22	11 38	1 7	23 41	0 37	3 40	2 20	19 41	0 1	5 30	1 57	31 36	16 57	5 2	5 14	10 49		n.a.
M 3	0n22	4 7	0s16	3 22	0 31	16 22	0 16	11 22	1 7	23 40	0 37	3 37	2 20	19 42	0 1	5 31	1 57	31 36	16 57	5 2	5 15	10 47		n.a.
T 4	0 46	0n40	1 37	4 23	0 41	16 11	0 10	11 5	1 7	23 39	0 37	3 33	2 20	19 42	0 1	5 32	1 57	31 36	16 56	5 2	5 16	10 46		n.a.
W 5	1 9	5 20	2 51	5 23	0 52	15 59	0 4	10 48	1 7	23 39	0 38	3 30	2 20	19 43	0 1	5 33	1 57	31 36	16 56	5 2	5 17	10 44		n.a.
T 6	1 32	9 35	3 52	6 22	1 2	15 46	0s 2	10 31	1 7	23 38	0 38	3 27	2 20	19 44	0 1	5 34	1 57	31 36	16 56	5 3	5 19	10 43		n.a.
F 7	1 55	13 11	4 37	7 20	1 12	15 33	0 7	10 14	1 6	23 37	0 38	3 24	2 20	19 44	0 1	5 35	1 57	31 36	16 55	5 4	5 20	10 41		n.a.
S 8	2 19	15 57	5 5	8 16	1 21	15 20	0 13	9 57	1 6	23 37	0 38	3 21	2 20	19 45	0 1	5 35	1 57	31 36	16 55	5 5	5 21	10 40		n.a.
S 9	2 42	17 47	5 16	9 11	1 30	15 6	0 18	9 40	1 6	23 36	0 39	3 18	2 20	19 45	0 1	5 36	1 57	31 36	16 55	5 6	5 22	10 38		n.a.
M10	3 5	18 39	5 11	10 4	1 38	14 51	0 23	9 23	1 6	23 36	0 39	3 15	2 20	19 46	0 1	5 37	1 57	31 36	16 54	5 6	5 24	10 37		n.a.
T 11	3 28	18 35	4 51	10 55	1 46	14 36	0 28	9 6	1 6	23 35	0 39	3 12	2 20	19 47	0 1	5 38	1 57	31 36	16 54	5 6	5 25	10 35		n.a.
W12	3 51	17 40	4 18	11 44	1 53	14 21	0 33	8 48	1 5	23 35	0 39	3 8	2 20	19 47	0 1	5 39	1 57	31 36	16 53	5 6	5 26	10 33		n.a.
T 13	4 14	15 58	3 35	12 30	2 0	14 5	0 38	8 31	1 5	23 34	0 39	3 5	2 20	19 48	0 1	5 40	1 57	31 36	16 53	5 6	5 27	10 32		n.a.
F 14	4 37	13 36	2 43	13 15	2 6	13 48	0 43	8 14	1 5	23 34	0 40	3 2	2 20	19 49	0 1	5 41	1 57	31 36	16 53	5 5	5 29	10 30		n.a.
S 15	5 0	10 41	1 44	13 57	2 11	13 32	0 48	7 56	1 5	23 33	0 40	2 59	2 20	19 49	0 1	5 42	1 57	31 36	16 52	5 4	5 30	10 29		n.a.
S 16	5 22	7 19	0 41	14 37	2 16	13 14	0 52	7 39	1 4	23 33	0 40	2 56	2 20	19 50	0 1	5 42	1 57	31 36	16 52	5 4	5 31	10 27		n.a.
M17	5 45	3 38	0n25	15 15	2 19	12 57	0 56	7 21	1 4	23 32	0 40	2 53	2 20	19 51	0 1	5 43	1 57	31 36	16 51	5 4	5 32	10 26		n.a.
T 18	6 8	0s14	1 30	15 51	2 22	12 38	1 1	7 4	1 4	23 32	0 41	2 50	2 20	19 51	0 1	5 44	1 57	31 35	16 51	5 4	5 34	10 24		n.a.
W19	6 30	4 8	2 31	16 24	2 25	12 20	1 5	6 46	1 4	23 31	0 41	2 47	2 20	19 52	0 1	5 45	1 57	31 35	16 50	5 5	5 35	10 22		n.a.
T 20	6 52	7 55	3 27	16 55	2 26	12 1	1 9	6 29	1 3	23 31	0 41	2 44	2 21	19 53	0 1	5 46	1 57	31 35	16 50	5 7	5 36	10 21		n.a.
F 21	7 15	11 25	4 13	17 23	2 27	11 41	1 12	6 11	1 3	23 31	0 41	2 41	2 21	19 53	0 1	5 47	1 57	31 35	16 50	5 9	5 37	10 19		n.a.
S 22	7 37	14 27	4 47	17 50	2 27	11 22	1 16	5 53	1 3	23 30	0 42	2 38	2 21	19 54	0 1	5 48	1 57	31 35	16 49	5 11	5 39	10 18		n.a.
S 23	7 59	16 48	5 7	18 14	2 26	11 2	1 20	5 36	1 2	23 30	0 42	2 35	2 21	19 55	0 1	5 48	1 57	31 35	16 49	5 13	5 40	10 16		n.a.
M24	8 21	18 18	5 12	18 35	2 24	10 41	1 23	5 18	1 2	23 30	0 42	2 32	2 21	19 56	0 1	5 49	1 57	31 34	16 48	5 14	5 41	10 15		n.a.
T 25	8 42	18 48	4 59	18 55	2 22	10 20	1 26	5 0	1 2	23 29	0 42	2 29	2 21	19 56	0 1	5 50	1 57	31 34	16 48	5 15	5 42	10 13		n.a.
W26	9 4	18 13	4 29	19 12	2 19	9 59	1 30	4 43	1 1	23 29	0 43	2 26	2 21	19 57	0 1	5 51	1 57	31 34	16 47	5 16	5 44	10 11		n.a.
T 27	9 26	16 32	3 42	19 28	2 15	9 37	1 33	4 25	1 1	23 29	0 43	2 23	2 21	19 58	0 1	5 52	1 57	31 33	16 47	5 16	5 45	10 10		n.a.
F 28	9 47	13 48	2 42	19 41	2 10	9 15	1 36	4 7	1 1	23 28	0 43	2 20	2 21	19 59	0 1	5 53	1 57	31 33	16 46	5 15	5 46	10 8		n.a.
S 29	10 8	10 11	1 30	19 52	2 4	8 53	1 38	3 50	1 1	23 28	0 44	2 17	2 21	19 59	0 1	5 54	1 57	31 33	16 46	5 15	5 47	10 7		n.a.
S 30	10n29	5s56	0n12	20n 0	1n57	8s30	1s41	3s32	1s 0	23s28	0s44	2s15	2s21	20n 0	0n 1	5n54	1s57	31n33	16n45	5n15	5n49	10n 5		n.a.

Julian Day Number = 1267872.5, Delta T = 08h20m00s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'50, Lahiri = -21°05'49 Julian Calendar 1 Apr. 1242 BCE == Greg. Calendar 21 March 1242 BCE

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ASTRODIENST EPHEMERIS for the year 1242 BCE
geocentric

MAY 1242 BCE (-1241) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 48 2	27♈43'03	29♓21	21♉11	13♓40	24♓15	17♑ 1	29♓54	27♉46	19♈25	17°R54	16°R55	15♍26	1♍ 9	n.a.	M 1
T 2	13 51 58	28°40'15	13♈57	21°58	14°45	24°58	17° 5	0♈ 2	27°50	19°27	17♌54	16♍53	15°23	1°16	n.a.	T 2
W 3	13 55 55	29°37'27	28°26	22°41	15°50	25°41	17° 8	0° 9	27°53	19°29	17°54	16°49	15°20	1°22	n.a.	W 3
T 4	13 59 51	0♉34'38	12♉41	23°20	16°56	26°25	17°11	0°16	27°56	19°31	17°54	16°43	15°17	1°29	n.a.	T 4
F 5	14 3 48	1°31'48	26°38	23°54	18° 1	27° 8	17°13	0°23	28° 0	19°33	17°53	16°36	15°14	1°36	n.a.	F 5
S 6	14 7 44	2°28'58	10♊13	24°25	19° 7	27°51	17°16	0°30	28° 3	19°36	17°53	16°28	15°10	1°42	n.a.	S 6
S 7	14 11 41	3°26'07	23°23	24°51	20°13	28°34	17°18	0°37	28° 6	19°38	17°53	16°22	15° 7	1°49	n.a.	S 7
M 8	14 15 37	4°23'16	6♋11	25°13	21°19	29°16	17°20	0°45	28°10	19°40	17°53	16°17	15° 4	1°55	n.a.	M 8
T 9	14 19 34	5°20'23	18°38	25°31	22°25	29°59	17°22	0°52	28°13	19°42	17°53	16°13	15° 1	2° 2	n.a.	T 9
W10	14 23 31	6°17'30	0♌47	25°44	23°31	0♈42	17°24	0°58	28°16	19°44	17°53	16°12	14°58	2° 9	n.a.	W10
T 11	14 27 27	7°14'36	12°45	25°52	24°37	1°25	17°26	1° 5	28°20	19°47	17°D53	16°D12	14°55	2°15	n.a.	T 11
F 12	14 31 24	8°11'42	24°35	25°R56	25°44	2° 7	17°27	1°12	28°23	19°49	17°53	16°13	14°51	2°22	n.a.	F 12
S 13	14 35 20	9° 8'47	6♍24	25°55	26°51	2°50	17°28	1°19	28°27	19°51	17°53	16°14	14°48	2°29	n.a.	S 13
S 14	14 39 17	10° 5'51	18°15	25°50	27°57	3°32	17°29	1°26	28°30	19°53	17°53	16°R14	14°45	2°35	n.a.	S 14
M15	14 43 13	11° 2'55	0♎14	25°41	29° 4	4°15	17°30	1°33	28°34	19°55	17°53	16°13	14°42	2°42	n.a.	M15
T 16	14 47 10	11°59'59	12°24	25°27	0♈12	4°57	17°31	1°39	28°37	19°57	17°53	16°10	14°39	2°49	n.a.	T 16
W17	14 51 6	12°57'02	24°49	25° 9	1°19	5°39	17°31	1°46	28°41	19°59	17°54	16° 4	14°35	2°55	n.a.	W17
T 18	14 55 3	13°54'05	7♏29	24°47	2°26	6°22	17°31	1°52	28°44	20° 1	17°54	15°57	14°32	3° 2	n.a.	T 18
F 19	14 59 0	14°51'07	20°25	24°22	3°34	7° 4	17°R32	1°59	28°48	20° 4	17°54	15°48	14°29	3° 9	n.a.	F 19
S 20	15 2 56	15°48'10	3♐37	23°54	4°41	7°46	17°31	2° 5	28°51	20° 6	17°54	15°38	14°26	3°15	n.a.	S 20
S 21	15 6 53	16°45'13	17° 4	23°23	5°49	8°28	17°31	2°12	28°55	20° 8	17°55	15°28	14°23	3°22	n.a.	S 21
M22	15 10 49	17°42'16	0♑42	22°50	6°57	9°10	17°31	2°18	28°59	20°10	17°55	15°20	14°20	3°29	n.a.	M22
T 23	15 14 46	18°39'19	14°29	22°15	8° 5	9°52	17°30	2°24	29° 2	20°12	17°56	15°13	14°16	3°35	n.a.	T 23
W24	15 18 42	19°36'23	28°25	21°39	9°13	10°34	17°29	2°31	29° 6	20°14	17°56	15° 9	14°13	3°42	n.a.	W24
T 25	15 22 39	20°33'26	12♒27	21° 2	10°21	11°16	17°28	2°37	29° 9	20°16	17°56	15° 7	14°10	3°49	n.a.	T 25
F 26	15 26 36	21°30'31	26°33	20°26	11°29	11°57	17°27	2°43	29°13	20°18	17°57	15°D 7	14° 7	3°55	n.a.	F 26
S 27	15 30 32	22°27'35	10♓43	19°51	12°38	12°39	17°25	2°49	29°17	20°20	17°57	15°R 8	14° 4	4° 2	n.a.	S 27
S 28	15 34 29	23°24'40	24°56	19°17	13°46	13°21	17°23	2°55	29°20	20°22	17°58	15° 7	14° 1	4° 8	n.a.	S 28
M29	15 38 25	24°21'46	9♈10	18°44	14°55	14° 2	17°22	3° 1	29°24	20°24	17°59	15° 5	13°57	4°15	n.a.	M29
T 30	15 42 22	25°18'51	23°21	18°15	16° 4	14°44	17°20	3° 7	29°27	20°26	17°59	15° 1	13°54	4°22	n.a.	T 30
W31	15 46 18	26♉15'58	7♉27	17♉48	17♈12	15♈25	17♑17	3♈13	29♉31	20♈27	18♌ 0	14♍54	13♍51	4♍28	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	10n50	1s17	1s 7	20n 7	1n50	8s 7	1s44	3s14	1s 0	23s28	0s44	2s12	2s22	20n 1	0n 1	5n55	1s57	31n32	16n45	5n15	5n50	10n 4			n.a.
T 2	11 11	3n25	2 21	20 12	1 42	7 44	1 46	2 56	0 59	23 28	0 44	2 9	2 22	20 2	0 1	5 56	1 57	31 32	16 45	5 16	5 51	10 2			n.a.
W 3	11 31	7 54	3 26	20 15	1 33	7 20	1 49	2 39	0 59	23 28	0 45	2 6	2 22	20 2	0 1	5 57	1 57	31 32	16 44	5 17	5 52	10 0			n.a.
T 4	11 52	11 50	4 16	20 15	1 23	6 57	1 51	2 21	0 59	23 27	0 45	2 3	2 22	20 3	0 1	5 58	1 57	31 31	16 44	5 20	5 54	9 59			n.a.
F 5	12 12	15 1	4 50	20 14	1 13	6 32	1 53	2 3	0 58	23 27	0 45	2 0	2 22	20 4	0 1	5 59	1 57	31 31	16 43	5 23	5 55	9 57			n.a.
S 6	12 32	17 18	5 7	20 11	1 1	6 8	1 55	1 45	0 58	23 27	0 45	1 58	2 22	20 5	0 1	5 59	1 57	31 30	16 43	5 25	5 56	9 56			n.a.
S 7	12 52	18 34	5 6	20 6	0 49	5 44	1 57	1 28	0 58	23 27	0 46	1 55	2 22	20 5	0 1	6 0	1 57	31 30	16 42	5 28	5 57	9 54			n.a.
M 8	13 12	18 51	4 50	19 59	0 36	5 19	1 59	1 10	0 57	23 27	0 46	1 52	2 22	20 6	0 1	6 1	1 57	31 30	16 42	5 30	5 59	9 52			n.a.
T 9	13 31	18 13	4 21	19 50	0 23	4 54	2 0	0 52	0 57	23 27	0 46	1 49	2 22	20 7	0 1	6 2	1 57	31 29	16 41	5 31	6 0	9 51			n.a.
W10	13 50	16 44	3 40	19 39	0 9	4 28	2 2	0 35	0 56	23 27	0 47	1 47	2 23	20 8	0 1	6 3	1 57	31 29	16 41	5 32	6 1	9 49			n.a.
T 11	14 10	14 32	2 51	19 27	0s 6	4 3	2 3	0 17	0 56	23 27	0 47	1 44	2 23	20 8	0 1	6 4	1 57	31 28	16 40	5 32	6 2	9 48			n.a.
F 12	14 28	11 45	1 54	19 14	0 21	3 37	2 5	0n 1	0 56	23 27	0 47	1 41	2 23	20 9	0 1	6 4	1 57	31 28	16 40	5 32	6 4	9 46			n.a.
S 13	14 47	8 30	0 53	18 58	0 36	3 12	2 6	0 18	0 55	23 28	0 47	1 39	2 23	20 10	0 1	6 5	1 57	31 27	16 39	5 31	6 5	9 44			n.a.
S 14	15 5	4 53	0n11	18 42	0 52	2 45	2 7	0 36	0 55	23 28	0 48	1 36	2 23	20 11	0 1	6 6	1 57	31 27	16 39	5 31	6 6	9 43			n.a.
M15	15 24	1 3	1 15	18 23	1 9	2 19	2 8	0 53	0 54	23 28	0 48	1 34	2 23	20 12	0 1	6 7	1 57	31 26	16 38	5 32	6 7	9 41			n.a.
T 16	15 41	2s54	2 16	18 4	1 25	1 53	2 9	1 11	0 54	23 28	0 48	1 31	2 23	20 12	0 1	6 8	1 57	31 26	16 38	5 33	6 9	9 39			n.a.
W17	15 59	6 48	3 12	17 44	1 41	1 27	2 9	1 28	0 54	23 28	0 49	1 29	2 24	20 13	0 1	6 8	1 57	31 25	16 37	5 35	6 10	9 38			n.a.
T 18	16 17	10 28	3 59	17 23	1 58	1 0	2 10	1 45	0 53	23 29	0 49	1 26	2 24	20 14	0 1	6 9	1 57	31 25	16 37	5 38	6 11	9 36			n.a.
F 19	16 34	13 44	4 35	17 1	2 14	0 33	2 11	2 3	0 53	23 29	0 49	1 24	2 24	20 15	0 1	6 10	1 57	31 24	16 36	5 42	6 12	9 35			n.a.
S 20	16 51	16 21	4 58	16 39	2 29	0 6	2 11	2 20	0 52	23 29	0 49	1 21	2 24	20 16	0 1	6 11	1 57	31 23	16 36	5 45	6 14	9 33			n.a.
S 21	17 7	18 9	5 4	16 17	2 45	0n21	2 11	2 37	0 52	23 29	0 50	1 19	2 24	20 16	0 1	6 11	1 57	31 23	16 35	5 49	6 15	9 31			n.a.
M22	17 24	18 57	4 54	15 54	2 59	0 48	2 12	2 54	0 51	23 30	0 50	1 16	2 24	20 17	0 1	6 12	1 57	31 22	16 35	5 53	6 16	9 30			n.a.
T 23	17 40	18 38	4 26	15 32	3 13	1 15	2 12	3 12	0 51	23 30	0 50	1 14	2 25	20 18	0 1	6 13	1 57	31 22	16 34	5 55	6 17	9 28			n.a.
W24	17 56	17 12	3 42	15 11	3 25	1 42	2 12	3 29	0 50	23 31	0 50	1 12	2 25	20 19	0 1	6 14	1 57	31 21	16 34	5 57	6 19	9 26			n.a.
T 25	18 11	14 43	2 45	14 50	3 37	2 9	2 12	3 46	0 50	23 31	0 51	1 9	2 25	20 20	0 1	6 14	1 57	31 20	16 33	5 57	6 20	9 25			n.a.
F 26	18 27	11 21	1 37	14 30	3 47	2 36	2 12	4 3	0 49	23 31	0 51	1 7	2 25	20 20	0 1	6 15	1 57	31 20	16 33	5 57	6 21	9 23			n.a.
S 27	18 42	7 18	0 23	14 12	3 56	3 3	2 11	4 20	0 49	23 32	0 51	1 5	2 25	20 21	0 1	6 16	1 57	31 19	16 32	5 57	6 22	9 22			n.a.
S 28	18 56	2 50	0s52	13 56	4 4	3 31	2 11	4 37	0 48	23 32	0 52	1 2	2 25	20 22	0 1	6 17	1 57	31 19	16 32	5 57	6 24	9 20			n.a.
M29	19 11	1n48	2 4	13 41	4 10	3 58	2 11	4 53	0 48	23 33	0 52	1 0	2 26	20 23	0 1	6 17	1 57	31 18	16 31	5 58	6 25	9 18			n.a.
T 30	19 25	6 18	3 8	13 28	4 15	4 25	2 10	5 10	0 47	23 34	0 52	0 58	2 26	20 24	0 1	6 18	1 57	31 17	16 31	6 0	6 26	9 17			n.a.
W31	19n38	10n26	4s 1	13n18	4s18	4n53	2s 9	5n27	0s47	23s34	0s52	0s56	2s26	20n24	0n 1	6n19	1s57	31n17	16n30	6n 3	6n27	9n15			n.a.

Julian Day Number = 1267902.5, Delta T = 08h19m59s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'46, Lahiri = -21°05'45 Julian Calendar 1 May 1242 BCE == Greg. Calendar 20 Apr. 1242 BCE

The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1242 BCE
geocentric

JUNE 1242 BCE (-1241) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 50 15	27♉13'05	21♉22	17°R25	18♈21	16♈ 6	17°R15	3♈18	29♉35	20♈29	18♘ 0	14°R44	13♍48	4♍35	n.a.	T 1
F 2	15 54 11	28°10'12	5♊ 2	17♉ 6	19°30	16°48	17♊12	3°24	29°38	20°31	18° 1	14♍33	13°45	4°42	n.a.	F 2
S 3	15 58 8	29° 7'20	18°25	16°52	20°39	17°29	17° 9	3°30	29°42	20°33	18° 2	14°21	13°41	4°48	n.a.	S 3
S 4	16 2 5	0♊ 4'28	1♋28	16°42	21°49	18°10	17° 6	3°35	29°46	20°35	18° 3	14°11	13°38	4°55	n.a.	S 4
M 5	16 6 1	1° 1'36	14°11	16°D37	22°58	18°51	17° 3	3°41	29°49	20°37	18° 4	14° 1	13°35	5° 2	n.a.	M 5
T 6	16 9 58	1°58'44	26°36	16°37	24° 7	19°32	17° 0	3°46	29°53	20°38	18° 4	13°54	13°32	5° 8	n.a.	T 6
W 7	16 13 54	2°55'53	8♌44	16°42	25°17	20°13	16°56	3°51	29°56	20°40	18° 5	13°50	13°29	5°15	n.a.	W 7
T 8	16 17 51	3°53'02	20°41	16°53	26°26	20°54	16°53	3°57	0♊ 0	20°42	18° 6	13°48	13°26	5°22	n.a.	T 8
F 9	16 21 47	4°50'12	2♍32	17° 9	27°36	21°34	16°49	4° 2	0° 4	20°44	18° 7	13°D47	13°22	5°28	n.a.	F 9
S 10	16 25 44	5°47'21	14°20	17°31	28°46	22°15	16°45	4° 7	0° 7	20°45	18° 8	13°R47	13°19	5°35	n.a.	S 10
S 11	16 29 41	6°44'32	26°13	17°58	29°55	22°56	16°41	4°12	0°11	20°47	18° 9	13°47	13°16	5°42	n.a.	S 11
M12	16 33 37	7°41'42	8♎15	18°31	1♉ 5	23°36	16°36	4°17	0°15	20°49	18°10	13°45	13°13	5°48	n.a.	M12
T 13	16 37 34	8°38'53	20°31	19° 9	2°15	24°17	16°32	4°22	0°18	20°50	18°11	13°41	13°10	5°55	n.a.	T 13
W14	16 41 30	9°36'05	3♏ 4	19°53	3°25	24°57	16°27	4°26	0°22	20°52	18°12	13°34	13° 7	6° 1	n.a.	W14
T 15	16 45 27	10°33'17	15°58	20°43	4°35	25°38	16°22	4°31	0°25	20°54	18°13	13°25	13° 3	6° 8	n.a.	T 15
F 16	16 49 23	11°30'30	29°12	21°38	5°45	26°18	16°17	4°36	0°29	20°55	18°14	13°14	13° 0	6°15	n.a.	F 16
S 17	16 53 20	12°27'44	12♐46	22°38	6°56	26°58	16°12	4°40	0°33	20°57	18°16	13° 2	12°57	6°21	n.a.	S 17
S 18	16 57 16	13°24'58	26°37	23°43	8° 6	27°38	16° 6	4°45	0°36	20°58	18°17	12°50	12°54	6°28	n.a.	S 18
M19	17 1 13	14°22'14	10♑40	24°54	9°17	28°18	16° 1	4°49	0°40	21° 0	18°18	12°40	12°51	6°35	n.a.	M19
T 20	17 5 10	15°19'31	24°52	26° 9	10°27	28°58	15°55	4°53	0°43	21° 1	18°19	12°32	12°47	6°41	n.a.	T 20
W21	17 9 6	16°16'48	9♒ 7	27°30	11°38	29°38	15°50	4°58	0°47	21° 3	18°21	12°27	12°44	6°48	n.a.	W21
T 22	17 13 3	17°14'08	23°21	28°55	12°48	0♉18	15°44	5° 2	0°50	21° 4	18°22	12°24	12°41	6°55	n.a.	T 22
F 23	17 16 59	18°11'28	7♓33	0♊24	13°59	0°58	15°38	5° 6	0°54	21° 6	18°23	12°23	12°38	7° 1	n.a.	F 23
S 24	17 20 56	19° 8'50	21°41	1°58	15°10	1°38	15°31	5°10	0°57	21° 7	18°25	12°23	12°35	7° 8	n.a.	S 24
S 25	17 24 52	20° 6'13	5♈43	3°37	16°21	2°17	15°25	5°14	1° 1	21° 8	18°26	12°23	12°32	7°15	n.a.	S 25
M26	17 28 49	21° 3'37	19°39	5°19	17°32	2°57	15°19	5°17	1° 4	21°10	18°27	12°20	12°28	7°21	n.a.	M26
T 27	17 32 45	22° 1'03	3♉29	7° 4	18°43	3°36	15°12	5°21	1° 8	21°11	18°29	12°16	12°25	7°28	n.a.	T 27
W28	17 36 42	22°58'30	17° 9	8°53	19°54	4°16	15° 5	5°25	1°11	21°12	18°30	12° 8	12°22	7°35	n.a.	W28
T 29	17 40 39	23°55'59	0♊40	10°45	21° 5	4°55	14°59	5°28	1°15	21°14	18°32	11°58	12°19	7°41	n.a.	T 29
F 30	17 44 35	24♊53'29	13♊58	12♊40	22♉17	5♉34	14♊52	5♈32	1♊18	21♈15	18♘33	11♍46	12♍16	7♍48	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n52	13n56	4s38	13n10	4s20	5n20	2s 9	5n44	0s46	23s35	0s53	0s54	2s26	20n25	0n 1	6n19	1s57	31n16	16n30	6n 6	6n29	9n13		n.a.
F 2	20 5	16 37	4 58	13 4	4 20	5 47	2 8	6 0	0 46	23 35	0 53	0 52	2 26	20 26	0 1	6 20	1 57	31 15	16 29	6 11	6 30	9 12		n.a.
S 3	20 18	18 20	5 1	13 1	4 19	6 14	2 7	6 17	0 45	23 36	0 53	0 49	2 27	20 27	0 2	6 21	1 58	31 14	16 29	6 15	6 31	9 10		n.a.
S 4	20 30	19 1	4 48	13 0	4 17	6 41	2 6	6 33	0 45	23 37	0 54	0 47	2 27	20 28	0 2	6 21	1 58	31 14	16 28	6 20	6 32	9 8		n.a.
M 5	20 42	18 44	4 22	13 3	4 13	7 8	2 5	6 49	0 44	23 37	0 54	0 45	2 27	20 28	0 2	6 22	1 58	31 13	16 28	6 23	6 33	9 7		n.a.
T 6	20 54	17 32	3 43	13 7	4 8	7 35	2 4	7 6	0 44	23 38	0 54	0 43	2 27	20 29	0 2	6 23	1 58	31 12	16 27	6 26	6 35	9 5		n.a.
W 7	21 6	15 34	2 55	13 15	4 2	8 2	2 3	7 22	0 43	23 39	0 54	0 41	2 27	20 30	0 2	6 23	1 58	31 12	16 27	6 28	6 36	9 3		n.a.
T 8	21 17	12 57	1 59	13 25	3 55	8 29	2 2	7 38	0 43	23 39	0 55	0 40	2 28	20 31	0 2	6 24	1 58	31 11	16 26	6 29	6 37	9 2		n.a.
F 9	21 27	9 49	0 59	13 37	3 46	8 56	2 0	7 54	0 42	23 40	0 55	0 38	2 28	20 32	0 2	6 25	1 58	31 10	16 26	6 29	6 38	9 0		n.a.
S 10	21 38	6 19	0n 3	13 52	3 37	9 22	1 59	8 10	0 41	23 41	0 55	0 36	2 28	20 32	0 2	6 25	1 58	31 9	16 25	6 29	6 40	8 58		n.a.
S 11	21 48	2 32	1 5	14 9	3 27	9 48	1 57	8 26	0 41	23 42	0 56	0 34	2 28	20 33	0 2	6 26	1 58	31 9	16 25	6 29	6 41	8 57		n.a.
M12	21 57	1s24	2 6	14 29	3 16	10 14	1 56	8 41	0 40	23 43	0 56	0 32	2 28	20 34	0 2	6 26	1 58	31 8	16 25	6 30	6 42	8 55		n.a.
T 13	22 7	5 21	3 2	14 50	3 5	10 40	1 54	8 57	0 40	23 43	0 56	0 30	2 29	20 35	0 2	6 27	1 58	31 7	16 24	6 31	6 43	8 53		n.a.
W14	22 16	9 9	3 50	15 14	2 53	11 6	1 52	9 13	0 39	23 44	0 56	0 29	2 29	20 36	0 2	6 28	1 58	31 6	16 24	6 34	6 45	8 52		n.a.
T 15	22 24	12 38	4 27	15 39	2 41	11 32	1 51	9 28	0 39	23 45	0 57	0 27	2 29	20 36	0 2	6 28	1 58	31 5	16 23	6 37	6 46	8 50		n.a.
F 16	22 32	15 34	4 52	16 6	2 28	11 57	1 49	9 44	0 38	23 46	0 57	0 25	2 29	20 37	0 2	6 29	1 58	31 5	16 23	6 42	6 47	8 48		n.a.
S 17	22 40	17 44	5 1	16 34	2 15	12 22	1 47	9 59	0 37	23 47	0 57	0 24	2 30	20 38	0 2	6 29	1 58	31 4	16 22	6 46	6 48	8 47		n.a.
S 18	22 47	18 56	4 52	17 3	2 1	12 47	1 45	10 14	0 37	23 48	0 57	0 22	2 30	20 39	0 2	6 30	1 58	31 3	16 22	6 51	6 50	8 45		n.a.
M19	22 54	18 59	4 26	17 34	1 48	13 12	1 43	10 29	0 36	23 49	0 58	0 21	2 30	20 39	0 2	6 30	1 58	31 2	16 21	6 55	6 51	8 43		n.a.
T 20	23 1	17 51	3 43	18 5	1 34	13 37	1 41	10 44	0 36	23 50	0 58	0 19	2 30	20 40	0 2	6 31	1 58	31 1	16 21	6 58	6 52	8 42		n.a.
W21	23 7	15 36	2 46	18 38	1 20	14 1	1 39	10 59	0 35	23 51	0 58	0 18	2 31	20 41	0 2	6 31	1 58	31 0	16 21	7 0	6 53	8 40		n.a.
T 22	23 13	12 24	1 39	19 10	1 7	14 25	1 37	11 14	0 34	23 52	0 58	0 16	2 31	20 42	0 2	6 32	1 58	31 0	16 20	7 1	6 55	8 38		n.a.
F 23	23 18	8 29	0 26	19 43	0 53	14 48	1 34	11 29	0 34	23 53	0 59	0 15	2 31	20 42	0 2	6 32	1 58	30 59	16 20	7 1	6 56	8 37		n.a.
S 24	23 23	4 6	0s49	20 16	0 39	15 11	1 32	11 43	0 33	23 54	0 59	0 13	2 31	20 43	0 2	6 33	1 58	30 58	16 19	7 1	6 57	8 35		n.a.
S 25	23 28	0n28	2 0	20 48	0 26	15 34	1 30	11 58	0 32	23 55	0 59	0 12	2 32	20 44	0 2	6 33	1 59	30 57	16 19	7 2	6 58	8 33		n.a.
M26	23 32	4 59	3 4	21 20	0 13	15 57	1 27	12 12	0 32	23 56	0 59	0 11	2 32	20 45	0 2	6 34	1 59	30 56	16 18	7 3	6 59	8 32		n.a.
T 27	23 36	9 12	3 56	21 50	0 1	16 19	1 25	12 26	0 31	23 57	1 0	0 10	2 32	20 45	0 2	6 34	1 59	30 55	16 18	7 4	7 1	8 30		n.a.
W28	23 39	12 52	4 34	22 20	0n11	16 41	1 23	12 40	0 30	23 58	1 0	0 8	2 32	20 46	0 2	6 35	1 59	30 54	16 18	7 7	7 2	8 28		n.a.
T 29	23 42	15 49	4 56	22 48	0 22	17 3	1 20	12 55	0 30	23 59	1 0	0 7	2 33	20 47	0 2	6 35	1 59	30 54	16 17	7 11	7 3	8 27		n.a.
F 30	23n44	17n53	5s 1	23n15	0n33	17n24	1s18	13n 8	0s29	24s 0	1s 0	0s 6	2s33	20n48	0n 2	6n35	1s59	30n53	16n17	7n16	7n 4	8n25		n.a.

Julian Day Number = 1267933.5, Delta T = 08h19m57s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'41, Lahiri = -21°05'41 Julian Calendar 1 June 1242 BCE == Greg. Calendar 21 May 1242 BCE

The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1242 BCE
geocentric

JULY 1242 BCE (-1241) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 48 32	25♊51'01	27♊ 2	14♊37	23♉28	6♉13	14°R45	5♈35	1♊21	21♈16	18♎35	11°R34	12♏13	7♏54	n.a.	S 1
S 2	17 52 28	26°48'34	9♋51	16°35	24°40	6°53	14♑38	5°38	1°25	21°17	18°37	11♏22	12° 9	8° 1	n.a.	S 2
M 3	17 56 25	27°46'08	22°23	18°35	25°51	7°32	14°30	5°41	1°28	21°18	18°38	11°12	12° 6	8° 8	n.a.	M 3
T 4	18 0 21	28°43'43	4♌40	20°36	27° 3	8°10	14°23	5°44	1°32	21°19	18°40	11° 5	12° 3	8°14	n.a.	T 4
W 5	18 4 18	29°41'20	16°45	22°39	28°14	8°49	14°16	5°47	1°35	21°20	18°41	11° 0	12° 0	8°21	n.a.	W 5
T 6	18 8 15	0♋38'57	28°39	24°41	29°26	9°28	14° 8	5°50	1°38	21°21	18°43	10°57	11°57	8°28	n.a.	T 6
F 7	18 12 11	1°36'36	10♍28	26°44	0♊38	10° 7	14° 1	5°53	1°41	21°22	18°45	10°D56	11°53	8°34	n.a.	F 7
S 8	18 16 8	2°34'16	22°15	28°46	1°50	10°45	13°53	5°55	1°45	21°23	18°46	10°57	11°50	8°41	n.a.	S 8
S 9	18 20 4	3°31'57	4♎ 8	0♋48	3° 1	11°24	13°46	5°58	1°48	21°24	18°48	10°R57	11°47	8°48	n.a.	S 9
M10	18 24 1	4°29'40	16° 9	2°50	4°13	12° 2	13°38	6° 0	1°51	21°25	18°50	10°56	11°44	8°54	n.a.	M10
T 11	18 27 57	5°27'24	28°26	4°51	5°25	12°41	13°30	6° 2	1°54	21°26	18°52	10°54	11°41	9° 1	n.a.	T 11
W12	18 31 54	6°25'09	11♏ 3	6°52	6°38	13°19	13°23	6° 5	1°57	21°27	18°54	10°49	11°38	9° 8	n.a.	W12
T 13	18 35 50	7°22'55	24° 3	8°51	7°50	13°57	13°15	6° 7	2° 1	21°28	18°55	10°42	11°34	9°14	n.a.	T 13
F 14	18 39 47	8°20'43	7♐27	10°49	9° 2	14°35	13° 7	6° 9	2° 4	21°29	18°57	10°33	11°31	9°21	n.a.	F 14
S 15	18 43 43	9°18'33	21°16	12°46	10°14	15°13	12°59	6°11	2° 7	21°30	18°59	10°24	11°28	9°28	n.a.	S 15
S 16	18 47 40	10°16'24	5♑27	14°42	11°27	15°51	12°51	6°12	2°10	21°30	19° 1	10°14	11°25	9°34	n.a.	S 16
M17	18 51 37	11°14'17	19°53	16°37	12°39	16°29	12°43	6°14	2°13	21°31	19° 3	10° 6	11°22	9°41	n.a.	M17
T 18	18 55 33	12°12'11	4♒30	18°30	13°51	17° 7	12°36	6°16	2°16	21°32	19° 5	9°59	11°19	9°47	n.a.	T 18
W19	18 59 30	13°10'07	19°10	20°22	15° 4	17°45	12°28	6°17	2°19	21°32	19° 7	9°55	11°15	9°54	n.a.	W19
T 20	19 3 26	14° 8'06	3♓46	22°13	16°17	18°22	12°20	6°18	2°22	21°33	19° 9	9°D54	11°12	10° 1	n.a.	T 20
F 21	19 7 23	15° 6'06	18°14	24° 3	17°29	19° 0	12°12	6°20	2°25	21°33	19°11	9°54	11° 9	10° 7	n.a.	F 21
S 22	19 11 19	16° 4'08	2♈30	25°51	18°42	19°37	12° 4	6°21	2°28	21°34	19°13	9°55	11° 6	10°14	n.a.	S 22
S 23	19 15 16	17° 2'12	16°33	27°38	19°55	20°15	11°56	6°22	2°30	21°35	19°15	9°R55	11° 3	10°21	n.a.	S 23
M24	19 19 12	18° 0'19	0♉22	29°24	21° 8	20°52	11°48	6°23	2°33	21°35	19°17	9°54	10°59	10°27	n.a.	M24
T 25	19 23 9	18°58'27	13°57	1♌ 9	22°21	21°29	11°41	6°24	2°36	21°35	19°19	9°52	10°56	10°34	n.a.	T 25
W26	19 27 6	19°56'38	27°19	2°52	23°34	22° 6	11°33	6°24	2°39	21°36	19°21	9°47	10°53	10°41	n.a.	W26
T 27	19 31 2	20°54'51	10♊28	4°34	24°47	22°43	11°25	6°25	2°41	21°36	19°23	9°40	10°50	10°47	n.a.	T 27
F 28	19 34 59	21°53'06	23°24	6°15	26° 0	23°20	11°17	6°25	2°44	21°37	19°25	9°32	10°47	10°54	n.a.	F 28
S 29	19 38 55	22°51'23	6♋ 7	7°55	27°13	23°57	11°10	6°26	2°47	21°37	19°27	9°24	10°44	11° 1	n.a.	S 29
S 30	19 42 52	23°49'42	18°38	9°33	28°26	24°34	11° 2	6°26	2°49	21°37	19°29	9°16	10°40	11° 7	n.a.	S 30
M31	19 46 48	24♋48'03	0♌56	11♌10	29♊40	25♉10	10♑55	6♈26	2♊52	21♈37	19♎31	9♏ 9	10♏37	11♏14	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n46	18n58	4s51	23n39	0n43	17n45	1s15	13n22	0s28	24s 1	1s 0	0s 5	2s33	20n48	0n 2	6n36	1s59	30n52	16n17	7n21	7n 6	8n23		n.a.
S 2	23 48	19 3	4 26	24 2	0 53	18 5	1 12	13 36	0 28	24 2	1 1	0 4	2 33	20 49	0 2	6 36	1 59	30 51	16 16	7 25	7 7	8 21		n.a.
M 3	23 49	18 12	3 48	24 22	1 2	18 25	1 10	13 50	0 27	24 3	1 1	0 3	2 34	20 50	0 2	6 37	1 59	30 50	16 16	7 29	7 8	8 20		n.a.
T 4	23 50	16 30	3 0	24 40	1 10	18 44	1 7	14 3	0 26	24 4	1 1	0 2	2 34	20 50	0 2	6 37	1 59	30 49	16 15	7 32	7 9	8 18		n.a.
W 5	23 50	14 6	2 5	24 55	1 17	19 3	1 4	14 16	0 26	24 5	1 1	0 1	2 34	20 51	0 2	6 37	1 59	30 48	16 15	7 34	7 11	8 16		n.a.
T 6	23 50	11 7	1 5	25 7	1 23	19 22	1 2	14 30	0 25	24 6	1 1	0 0	2 34	20 52	0 2	6 38	1 59	30 47	16 15	7 35	7 12	8 15		n.a.
F 7	23 50	7 44	0 3	25 17	1 29	19 40	0 59	14 43	0 24	24 7	1 2	0n 1	2 35	20 52	0 2	6 38	1 59	30 47	16 14	7 35	7 13	8 13		n.a.
S 8	23 49	4 2	1n 0	25 24	1 34	19 57	0 56	14 56	0 24	24 8	1 2	0 1	2 35	20 53	0 2	6 38	1 59	30 46	16 14	7 35	7 14	8 11		n.a.
S 9	23 47	0 10	2 1	25 28	1 38	20 14	0 53	15 8	0 23	24 9	1 2	0 2	2 35	20 54	0 2	6 39	1 59	30 45	16 14	7 35	7 15	8 9		n.a.
M10	23 46	3s45	2 56	25 30	1 41	20 31	0 51	15 21	0 22	24 10	1 2	0 3	2 36	20 55	0 2	6 39	1 59	30 44	16 13	7 35	7 17	8 8		n.a.
T 11	23 43	7 36	3 45	25 29	1 44	20 47	0 48	15 34	0 22	24 11	1 2	0 4	2 36	20 55	0 2	6 39	1 59	30 43	16 13	7 36	7 18	8 6		n.a.
W12	23 41	11 12	4 25	25 25	1 46	21 2	0 45	15 46	0 21	24 11	1 3	0 4	2 36	20 56	0 2	6 39	2 0	30 42	16 13	7 38	7 19	8 4		n.a.
T 13	23 38	14 23	4 52	25 19	1 47	21 17	0 42	15 58	0 20	24 12	1 3	0 5	2 36	20 56	0 2	6 40	2 0	30 41	16 12	7 41	7 20	8 3		n.a.
F 14	23 34	16 55	5 4	25 11	1 48	21 32	0 39	16 11	0 19	24 13	1 3	0 5	2 37	20 57	0 2	6 40	2 0	30 40	16 12	7 44	7 22	8 1		n.a.
S 15	23 30	18 34	4 59	25 0	1 48	21 45	0 36	16 23	0 19	24 14	1 3	0 6	2 37	20 58	0 2	6 40	2 0	30 39	16 12	7 48	7 23	7 59		n.a.
S 16	23 26	19 8	4 36	24 48	1 47	21 59	0 34	16 35	0 18	24 15	1 3	0 6	2 37	20 58	0 2	6 40	2 0	30 38	16 12	7 51	7 24	7 57		n.a.
M17	23 21	18 28	3 55	24 33	1 46	22 11	0 31	16 46	0 17	24 16	1 3	0 7	2 38	20 59	0 2	6 41	2 0	30 37	16 11	7 55	7 25	7 56		n.a.
T 18	23 16	16 35	2 58	24 16	1 45	22 23	0 28	16 58	0 16	24 17	1 3	0 7	2 38	21 0	0 2	6 41	2 0	30 37	16 11	7 57	7 27	7 54		n.a.
W19	23 11	13 36	1 49	23 57	1 42	22 34	0 25	17 10	0 16	24 18	1 4	0 7	2 38	21 0	0 2	6 41	2 0	30 36	16 11	7 59	7 28	7 52		n.a.
T 20	23 4	9 47	0 33	23 37	1 40	22 45	0 22	17 21	0 15	24 19	1 4	0 8	2 38	21 1	0 2	6 41	2 0	30 35	16 10	7 59	7 29	7 51		n.a.
F 21	22 58	5 25	0s45	23 15	1 37	22 55	0 19	17 32	0 14	24 20	1 4	0 8	2 39	21 1	0 2	6 41	2 0	30 34	16 10	7 59	7 30	7 49		n.a.
S 22	22 51	0 48	1 59	22 51	1 33	23 5	0 16	17 43	0 13	24 21	1 4	0 8	2 39	21 2	0 2	6 41	2 0	30 33	16 10	7 59	7 31	7 47		n.a.
S 23	22 44	3n47	3 4	22 26	1 29	23 13	0 14	17 54	0 12	24 21	1 4	0 8	2 39	21 3	0 2	6 42	2 0	30 32	16 10	7 59	7 33	7 45		n.a.
M24	22 36	8 5	3 58	22 0	1 25	23 22	0 11	18 5	0 12	24 22	1 4	0 8	2 40	21 3	0 2	6 42	2 0	30 31	16 9	7 59	7 34	7 44		n.a.
T 25	22 28	11 53	4 37	21 33	1 20	23 29	0 8	18 16	0 11	24 23	1 4	0 8	2 40	21 4	0 2	6 42	2 0	30 30	16 9	8 0	7 35	7 42		n.a.
W26	22 20	15 1	5 0	21 4	1 15	23 36	0 5	18 26	0 10	24 24	1 4	0 8	2 40	21 4	0 2	6 42	2 0	30 29	16 9	8 2	7 36	7 40		n.a.
T 27	22 11	17 19	5 8	20 34	1 10	23 42	0 2	18 37	0 9	24 25	1 5	0 8	2 40	21 5	0 2	6 42	2 0	30 28	16 9	8 4	7 38	7 38		n.a.
F 28	22 2	18 42	4 59	20 4	1 5	23 47	0n 1	18 47	0 8	24 25	1 5	0 8	2 41	21 5	0 2	6 42	2 1	30 27	16 9	8 7	7 39	7 37		n.a.
S 29	21 52	19 7	4 35	19 32	0 59	23 52	0 3	18 57	0 8	24 26	1 5	0 8	2 41	21 6	0 2	6 42	2 1	30 27	16 8	8 11	7 40	7 35		n.a.
S 30	21 42	18 35	3 59	19 0	0 53	23 56	0 6	19 7	0 7	24 27	1 5	0 8	2 41	21 6	0 2	6 42	2 1	30 26	16 8	8 14	7 41	7 33		n.a.
M31	21n31	17n10	3s12	18n27	0n46	23n59	0n 9	19n17	0s 6	24s28	1s 5	0n 8	2s41	21n 7	0n 2	6n42	2s 1	30n25	16n 8	8n16	7n42	7n31		n.a.

Julian Day Number = 1267963.5, Delta T = 08h19m55s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'37, Lahiri = -21°05'37 Julian Calendar 1 July 1242 BCE == Greg. Calendar 20 June 1242 BCE

The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1242 BCE
geocentric

AUGUST 1242 BCE (-1241) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 50 45	25♋46'26	13♌ 4	12♌47	0♋53	25♉47	10°R47	6°R26	2♊54	21♈38	19♌33	9°R 4	10♍34	11♍20	n.a.	T 1
W 2	19 54 41	26°44'51	25° 1	14°22	2° 6	26°23	10♏40	6♈26	2°57	21°38	19°36	9♍ 1	10°31	11°27	n.a.	W 2
T 3	19 58 38	27°43'18	6♍52	15°55	3°20	27° 0	10°33	6°26	2°59	21°38	19°38	8°D59	10°28	11°34	n.a.	T 3
F 4	20 2 35	28°41'47	18°39	17°28	4°33	27°36	10°26	6°26	3° 2	21°38	19°40	9° 0	10°24	11°40	n.a.	F 4
S 5	20 6 31	29°40'17	0♎25	19° 0	5°47	28°12	10°19	6°25	3° 4	21°38	19°42	9° 1	10°21	11°47	n.a.	S 5
S 6	20 10 28	0♌38'49	12°16	20°30	7° 1	28°48	10°12	6°25	3° 7	21°38	19°44	9° 3	10°18	11°54	n.a.	S 6
M 7	20 14 24	1°37'23	24°17	21°59	8°14	29°24	10° 5	6°24	3° 9	21°R38	19°47	9° 4	10°15	12° 0	n.a.	M 7
T 8	20 18 21	2°35'59	6♏32	23°27	9°28	29°59	9°58	6°24	3°11	21°38	19°49	9°R 4	10°12	12° 7	n.a.	T 8
W 9	20 22 17	3°34'37	19° 6	24°54	10°42	0♊35	9°52	6°23	3°13	21°38	19°51	9° 3	10° 9	12°14	n.a.	W 9
T 10	20 26 14	4°33'16	2♐ 4	26°20	11°56	1°11	9°45	6°22	3°15	21°38	19°53	9° 0	10° 5	12°20	n.a.	T 10
F 11	20 30 10	5°31'58	15°29	27°45	13°10	1°46	9°39	6°21	3°18	21°38	19°56	8°56	10° 2	12°27	n.a.	F 11
S 12	20 34 7	6°30'41	29°21	29° 8	14°24	2°22	9°32	6°20	3°20	21°38	19°58	8°52	9°59	12°34	n.a.	S 12
S 13	20 38 3	7°29'26	13♑38	0♍30	15°37	2°57	9°26	6°18	3°22	21°38	20° 0	8°47	9°56	12°40	n.a.	S 13
M14	20 42 0	8°28'13	28°18	1°51	16°52	3°32	9°20	6°17	3°24	21°37	20° 2	8°43	9°53	12°47	n.a.	M14
T 15	20 45 57	9°27'03	13♒13	3°10	18° 6	4° 7	9°15	6°16	3°26	21°37	20° 5	8°40	9°50	12°54	n.a.	T 15
W16	20 49 53	10°25'54	28°14	4°28	19°20	4°42	9° 9	6°14	3°28	21°37	20° 7	8°38	9°46	13° 0	n.a.	W16
T 17	20 53 50	11°24'48	13♓13	5°45	20°34	5°17	9° 3	6°12	3°29	21°37	20° 9	8°D38	9°43	13° 7	n.a.	T 17
F 18	20 57 46	12°23'44	28° 3	7° 0	21°48	5°51	8°58	6°10	3°31	21°36	20°11	8°38	9°40	13°13	n.a.	F 18
S 19	21 1 43	13°22'42	12♈37	8°14	23° 2	6°26	8°53	6° 9	3°33	21°36	20°14	8°40	9°37	13°20	n.a.	S 19
S 20	21 5 39	14°21'43	26°51	9°26	24°17	7° 0	8°48	6° 7	3°35	21°35	20°16	8°41	9°34	13°27	n.a.	S 20
M21	21 9 36	15°20'46	10♉45	10°36	25°31	7°35	8°43	6° 4	3°36	21°35	20°18	8°R42	9°30	13°33	n.a.	M21
T 22	21 13 32	16°19'52	24°17	11°44	26°46	8° 9	8°38	6° 2	3°38	21°34	20°21	8°42	9°27	13°40	n.a.	T 22
W23	21 17 29	17°19'00	7♊30	12°50	28° 0	8°43	8°33	6° 0	3°40	21°34	20°23	8°41	9°24	13°47	n.a.	W23
T 24	21 21 26	18°18'11	20°25	13°54	29°15	9°17	8°29	5°58	3°41	21°33	20°25	8°39	9°21	13°53	n.a.	T 24
F 25	21 25 22	19°17'24	3♋ 4	14°56	0♌29	9°51	8°25	5°55	3°43	21°33	20°28	8°36	9°18	14° 0	n.a.	F 25
S 26	21 29 19	20°16'40	15°30	15°55	1°44	10°24	8°21	5°52	3°44	21°32	20°30	8°33	9°15	14° 7	n.a.	S 26
S 27	21 33 15	21°15'57	27°44	16°51	2°58	10°58	8°17	5°50	3°45	21°32	20°32	8°30	9°11	14°13	n.a.	S 27
M28	21 37 12	22°15'18	9♌49	17°45	4°13	11°31	8°13	5°47	3°47	21°31	20°34	8°28	9° 8	14°20	n.a.	M28
T 29	21 41 8	23°14'40	21°46	18°35	5°28	12° 5	8°10	5°44	3°48	21°30	20°37	8°26	9° 5	14°27	n.a.	T 29
W30	21 45 5	24°14'05	3♍37	19°22	6°43	12°38	8° 6	5°41	3°49	21°30	20°39	8°D26	9° 2	14°33	n.a.	W30
T 31	21 49 1	25♌13'31	15♍25	20♍ 5	7♌57	13♊11	8♏ 3	5♈38	3♊51	21♈29	20♌41	8♍26	8♍59	14♍40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n21	15n 0	2s16	17n54	0n40	24n 2	0n12	19n27	0s 5	24s28	1s 5	0n 8	2s42	21n 7	0n 2	6n42	2s 1	30n24	16n 8	8n18	7n44	7n30		n.a.
W 2	21 9	12 13	1 15	17 19	0 33	24 4	0 14	19 36	0 4	24 29	1 5	0 7	2 42	21 8	0 2	6 42	2 1	30 23	16 8	8 19	7 45	7 28		n.a.
T 3	20 58	8 58	0 12	16 45	0 26	24 5	0 17	19 45	0 3	24 30	1 5	0 7	2 42	21 8	0 2	6 42	2 1	30 22	16 8	8 20	7 46	7 26		n.a.
F 4	20 46	5 22	0n52	16 10	0 19	24 5	0 20	19 55	0 3	24 30	1 5	0 7	2 43	21 9	0 2	6 42	2 1	30 21	16 7	8 20	7 47	7 24		n.a.
S 5	20 34	1 34	1 54	15 34	0 12	24 5	0 22	20 4	0 2	24 31	1 5	0 6	2 43	21 9	0 2	6 42	2 1	30 20	16 7	8 19	7 49	7 23		n.a.
S 6	20 21	2s18	2 52	14 58	0 4	24 4	0 25	20 13	0 1	24 31	1 5	0 6	2 43	21 10	0 2	6 42	2 1	30 19	16 7	8 19	7 50	7 21		n.a.
M 7	20 8	6 8	3 42	14 22	0s 3	24 2	0 27	20 22	0n 0	24 32	1 5	0 5	2 43	21 10	0 2	6 42	2 1	30 19	16 7	8 18	7 51	7 19		n.a.
T 8	19 54	9 46	4 24	13 45	0 11	23 59	0 30	20 30	0 1	24 33	1 5	0 5	2 44	21 11	0 2	6 42	2 1	30 18	16 7	8 18	7 52	7 17		n.a.
W 9	19 41	13 5	4 54	13 9	0 19	23 56	0 32	20 39	0 2	24 33	1 5	0 4	2 44	21 11	0 2	6 42	2 1	30 17	16 7	8 19	7 53	7 16		n.a.
T 10	19 27	15 51	5 10	12 32	0 26	23 52	0 35	20 47	0 3	24 34	1 5	0 4	2 44	21 12	0 2	6 42	2 1	30 16	16 7	8 20	7 55	7 14		n.a.
F 11	19 12	17 53	5 11	11 55	0 34	23 47	0 37	20 55	0 4	24 34	1 5	0 3	2 45	21 12	0 2	6 42	2 1	30 15	16 7	8 21	7 56	7 12		n.a.
S 12	18 57	18 57	4 53	11 19	0 42	23 42	0 39	21 3	0 5	24 35	1 5	0 2	2 45	21 13	0 2	6 42	2 2	30 14	16 7	8 23	7 57	7 10		n.a.
S 13	18 42	18 52	4 17	10 42	0 50	23 36	0 42	21 11	0 5	24 35	1 5	0 2	2 45	21 13	0 2	6 42	2 2	30 13	16 6	8 25	7 58	7 9		n.a.
M14	18 27	17 32	3 24	10 5	0 58	23 29	0 44	21 19	0 6	24 36	1 5	0 1	2 45	21 13	0 2	6 41	2 2	30 13	16 6	8 26	8 0	7 7		n.a.
T 15	18 11	14 58	2 15	9 29	1 7	23 21	0 46	21 27	0 7	24 36	1 5	0s 0	2 46	21 14	0 2	6 41	2 2	30 12	16 6	8 27	8 1	7 5		n.a.
W16	17 55	11 24	0 57	8 52	1 15	23 13	0 48	21 34	0 8	24 36	1 6	0 1	2 46	21 14	0 2	6 41	2 2	30 11	16 6	8 28	8 2	7 3		n.a.
T 17	17 39	7 5	0s25	8 17	1 23	23 4	0 50	21 41	0 9	24 37	1 6	0 2	2 46	21 14	0 2	6 41	2 2	30 10	16 6	8 28	8 3	7 1		n.a.
F 18	17 22	2 23	1 45	7 41	1 31	22 54	0 52	21 49	0 10	24 37	1 6	0 3	2 46	21 15	0 2	6 41	2 2	30 9	16 6	8 28	8 4	7 0		n.a.
S 19	17 5	2n22	2 56	7 6	1 39	22 44	0 54	21 56	0 11	24 38	1 5	0 4	2 47	21 15	0 2	6 40	2 2	30 8	16 6	8 27	8 6	6 58		n.a.
S 20	16 48	6 52	3 55	6 31	1 47	22 33	0 56	22 3	0 12	24 38	1 5	0 5	2 47	21 16	0 2	6 40	2 2	30 8	16 6	8 27	8 7	6 56		n.a.
M21	16 30	10 53	4 39	5 57	1 55	22 21	0 58	22 9	0 13	24 38	1 5	0 6	2 47	21 16	0 2	6 40	2 2	30 7	16 6	8 27	8 8	6 54		n.a.
T 22	16 12	14 13	5 6	5 24	2 3	22 8	1 0	22 16	0 14	24 38	1 5	0 7	2 47	21 16	0 2	6 40	2 2	30 6	16 6	8 27	8 9	6 53		n.a.
W23	15 54	16 44	5 16	4 51	2 10	21 55	1 2	22 22	0 15	24 39	1 5	0 8	2 48	21 17	0 2	6 40	2 2	30 5	16 6	8 27	8 10	6 51		n.a.
T 24	15 36	18 21	5 9	4 19	2 18	21 41	1 4	22 29	0 16	24 39	1 5	0 9	2 48	21 17	0 2	6 39	2 2	30 4	16 6	8 28	8 12	6 49		n.a.
F 25	15 17	19 1	4 47	3 48	2 25	21 27	1 5	22 35	0 17	24 39	1 5	0 11	2 48	21 17	0 2	6 39	2 2	30 4	16 6	8 29	8 13	6 47		n.a.
S 26	14 58	18 44	4 13	3 18	2 32	21 12	1 7	22 41	0 18	24 40	1 5	0 12	2 48	21 17	0 2	6 39	2 2	30 3	16 6	8 30	8 14	6 45		n.a.
S 27	14 39	17 35	3 27	2 50	2 39	20 56	1 9	22 47	0 19	24 40	1 5	0 13	2 48	21 18	0 2	6 38	2 2	30 2	16 6	8 31	8 15	6 44		n.a.
M28	14 19	15 39	2 32	2 23	2 46	20 40	1 10	22 52	0 20	24 40	1 5	0 14	2 49	21 18	0 2	6 38	2 3	30 1	16 6	8 32	8 17	6 42		n.a.
T 29	14 0	13 3	1 31	1 57	2 52	20 23	1 12	22 58	0 21	24 40	1 5	0 16	2 49	21 18	0 2	6 38	2 3	30 1	16 6	8 33	8 18	6 40		n.a.
W30	13 40	9 56	0 27	1 33	2 58	20 5	1 13	23 3	0 22	24 40	1 5	0 17	2 49	21 18	0 2	6 37	2 3	30 0	16 6	8 33	8 19	6 38		n.a.
T 31	13n20	6n26	0n39	1n11	3s 4	19n47	1n14	23n 9	0n23	24s40	1s 5	0s19	2s49	21n19	0n 2	6n37	2s 3	29n59	16n 6	8n33	8n20	6n36		n.a.

Julian Day Number = 1267994.5, Delta T = 08h19m54s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'33, Lahiri = -21°05'33 Julian Calendar 1 Aug. 1242 BCE == Greg. Calendar 21 July 1242 BCE

The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1242 BCE
geocentric

SEPTEMBER 1242 BCE (-1241) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 52 58	26♌13'00	27♍11	20♍43	9♌12	13♊43	8°R 0	5°R35	3♊52	21°R28	20♌44	8♍26	8♍56	14♍46	n.a.	F 1
S 2	21 56 54	27°12'31	8♎59	21°17	10°27	14°16	7♏57	5♈32	3°53	21♈27	20°46	8°27	8°52	14°53	n.a.	S 2
S 3	22 0 51	28°12'03	20°52	21°46	11°42	14°49	7°55	5°28	3°54	21°26	20°48	8°28	8°49	15° 0	n.a.	S 3
M 4	22 4 48	29°11'38	2♏54	22° 9	12°57	15°21	7°52	5°25	3°55	21°25	20°51	8°29	8°46	15° 6	n.a.	M 4
T 5	22 8 44	0♍11'15	15° 8	22°27	14°12	15°53	7°50	5°21	3°56	21°24	20°53	8°30	8°43	15°13	n.a.	T 5
W 6	22 12 41	1°10'54	27°39	22°37	15°27	16°25	7°48	5°18	3°56	21°24	20°55	8°R30	8°40	15°20	n.a.	W 6
T 7	22 16 37	2°10'34	10♐31	22°R41	16°42	16°57	7°46	5°14	3°57	21°23	20°57	8°30	8°36	15°26	n.a.	T 7
F 8	22 20 34	3°10'17	23°48	22°37	17°57	17°29	7°45	5°10	3°58	21°22	21° 0	8°30	8°33	15°33	n.a.	F 8
S 9	22 24 30	4°10'01	7♑31	22°26	19°12	18° 0	7°43	5° 7	3°59	21°21	21° 2	8°30	8°30	15°40	n.a.	S 9
S 10	22 28 27	5° 9'47	21°42	22° 5	20°27	18°32	7°42	5° 3	3°59	21°20	21° 4	8°29	8°27	15°46	n.a.	S 10
M11	22 32 23	6° 9'35	6♒19	21°37	21°42	19° 3	7°41	4°59	4° 0	21°18	21° 7	8°29	8°24	15°53	n.a.	M11
T 12	22 36 20	7° 9'25	21°16	20°59	22°57	19°34	7°41	4°55	4° 1	21°17	21° 9	8°29	8°21	16° 0	n.a.	T 12
W13	22 40 16	8° 9'17	6♓26	20°13	24°12	20° 5	7°40	4°51	4° 1	21°16	21°11	8°29	8°17	16° 6	n.a.	W13
T 14	22 44 13	9° 9'11	21°39	19°18	25°28	20°36	7°40	4°47	4° 1	21°15	21°13	8°29	8°14	16°13	n.a.	T 14
F 15	22 48 10	10° 9'07	6♈47	18°16	26°43	21° 6	7°D39	4°42	4° 2	21°14	21°15	8°29	8°11	16°20	n.a.	F 15
S 16	22 52 6	11° 9'05	21°40	17° 8	27°58	21°37	7°39	4°38	4° 2	21°13	21°18	8°28	8° 8	16°26	n.a.	S 16
S 17	22 56 3	12° 9'06	6♉12	15°55	29°13	22° 7	7°40	4°34	4° 2	21°11	21°20	8°28	8° 5	16°33	n.a.	S 17
M18	22 59 59	13° 9'09	20°18	14°39	0♍29	22°37	7°40	4°29	4° 3	21°10	21°22	8°28	8° 1	16°39	n.a.	M18
T 19	23 3 56	14° 9'14	3♊57	13°23	1°44	23° 7	7°41	4°25	4° 3	21° 9	21°24	8°27	7°58	16°46	n.a.	T 19
W20	23 7 52	15° 9'21	17°11	12° 8	3° 0	23°36	7°42	4°20	4° 3	21° 8	21°26	8°D27	7°55	16°53	n.a.	W20
T 21	23 11 49	16° 9'31	0♋ 2	10°57	4°15	24° 5	7°43	4°16	4° 3	21° 6	21°29	8°27	7°52	16°59	n.a.	T 21
F 22	23 15 45	17° 9'43	12°33	9°52	5°30	24°35	7°44	4°11	4°R 3	21° 5	21°31	8°28	7°49	17° 6	n.a.	F 22
S 23	23 19 42	18° 9'58	24°48	8°55	6°46	25° 4	7°45	4° 7	4° 3	21° 4	21°33	8°29	7°46	17°13	n.a.	S 23
S 24	23 23 38	19°10'14	6♌52	8° 8	8° 1	25°32	7°47	4° 2	4° 3	21° 2	21°35	8°30	7°42	17°19	n.a.	S 24
M25	23 27 35	20°10'33	18°47	7°32	9°17	26° 1	7°49	3°57	4° 3	21° 1	21°37	8°31	7°39	17°26	n.a.	M25
T 26	23 31 32	21°10'53	0♍37	7° 7	10°32	26°29	7°51	3°53	4° 2	20°59	21°39	8°32	7°36	17°33	n.a.	T 26
W27	23 35 28	22°11'16	12°24	6°54	11°48	26°57	7°53	3°48	4° 2	20°58	21°41	8°R32	7°33	17°39	n.a.	W27
T 28	23 39 25	23°11'40	24°11	6°D52	13° 3	27°25	7°56	3°43	4° 2	20°57	21°43	8°31	7°30	17°46	n.a.	T 28
F 29	23 43 21	24°12'06	6♎ 1	7° 2	14°19	27°53	7°58	3°38	4° 2	20°55	21°45	8°30	7°27	17°53	n.a.	F 29
S 30	23 47 18	25♍12'34	17♎54	7♍21	15♍34	28♊20	8♑ 1	3♈33	4♊ 1	20♈54	21♌47	8♍28	7♍23	17♍59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n59	2n42	1n42	0n51	3s 9	19n28	1n16	23n14	0n24	24s41	1s 5	0s20	2s50	21n19	0n 2	6n37	2s 3	29n58	16n 7	8n33	8n21	6n35		n.a.
S 2	12 39	1s 9	2 42	0 33	3 13	19 9	1 17	23 19	0 25	24 41	1 5	0 22	2 50	21 19	0 2	6 36	2 3	29 58	16 7	8 32	8 23	6 33		n.a.
S 3	12 18	4 58	3 35	0 18	3 17	18 49	1 18	23 24	0 27	24 41	1 5	0 23	2 50	21 19	0 3	6 36	2 3	29 57	16 7	8 32	8 24	6 31		n.a.
M 4	11 57	8 38	4 19	0 6	3 20	18 28	1 19	23 29	0 28	24 41	1 5	0 25	2 50	21 20	0 3	6 36	2 3	29 56	16 7	8 31	8 25	6 29		n.a.
T 5	11 36	11 59	4 52	0s 3	3 23	18 7	1 20	23 33	0 29	24 41	1 5	0 26	2 50	21 20	0 3	6 35	2 3	29 56	16 7	8 31	8 26	6 27		n.a.
W 6	11 14	14 54	5 12	0 8	3 24	17 46	1 21	23 38	0 30	24 41	1 5	0 28	2 50	21 20	0 3	6 35	2 3	29 55	16 7	8 31	8 27	6 26		n.a.
T 7	10 52	17 9	5 18	0 10	3 24	17 24	1 22	23 42	0 31	24 41	1 5	0 29	2 51	21 20	0 3	6 34	2 3	29 54	16 7	8 31	8 29	6 24		n.a.
F 8	10 31	18 35	5 7	0 8	3 23	17 1	1 23	23 46	0 32	24 41	1 5	0 31	2 51	21 20	0 3	6 34	2 3	29 54	16 7	8 31	8 30	6 22		n.a.
S 9	10 9	18 59	4 38	0 1	3 21	16 38	1 24	23 51	0 33	24 41	1 5	0 33	2 51	21 20	0 3	6 34	2 3	29 53	16 8	8 31	8 31	6 20		n.a.
S 10	9 46	18 14	3 52	0n11	3 17	16 15	1 24	23 54	0 35	24 41	1 4	0 34	2 51	21 21	0 3	6 33	2 3	29 52	16 8	8 31	8 32	6 18		n.a.
M11	9 24	16 16	2 50	0 27	3 12	15 51	1 25	23 58	0 36	24 41	1 4	0 36	2 51	21 21	0 3	6 33	2 3	29 52	16 8	8 32	8 33	6 17		n.a.
T 12	9 2	13 10	1 34	0 49	3 4	15 26	1 25	24 2	0 37	24 41	1 4	0 38	2 51	21 21	0 3	6 32	2 3	29 51	16 8	8 32	8 35	6 15		n.a.
W13	8 39	9 8	0 11	1 16	2 55	15 1	1 26	24 6	0 38	24 41	1 4	0 40	2 52	21 21	0 3	6 32	2 3	29 50	16 8	8 32	8 36	6 13		n.a.
T 14	8 16	4 28	1s13	1 47	2 44	14 36	1 26	24 9	0 39	24 41	1 4	0 41	2 52	21 21	0 3	6 31	2 3	29 50	16 8	8 32	8 37	6 11		n.a.
F 15	7 53	0n26	2 31	2 24	2 31	14 10	1 27	24 13	0 40	24 41	1 4	0 43	2 52	21 21	0 3	6 31	2 3	29 49	16 9	8 32	8 38	6 9		n.a.
S 16	7 30	5 13	3 38	3 5	2 16	13 44	1 27	24 16	0 42	24 41	1 4	0 45	2 52	21 21	0 3	6 30	2 3	29 49	16 9	8 32	8 40	6 7		n.a.
S 17	7 7	9 35	4 29	3 49	2 0	13 18	1 27	24 19	0 43	24 41	1 4	0 47	2 52	21 21	0 3	6 30	2 4	29 48	16 9	8 32	8 41	6 6		n.a.
M18	6 44	13 16	5 2	4 35	1 42	12 51	1 27	24 22	0 44	24 41	1 4	0 49	2 52	21 21	0 3	6 29	2 4	29 48	16 9	8 32	8 42	6 4		n.a.
T 19	6 20	16 6	5 17	5 23	1 22	12 24	1 27	24 25	0 45	24 40	1 4	0 51	2 52	21 21	0 3	6 29	2 4	29 47	16 9	8 32	8 43	6 2		n.a.
W20	5 57	18 0	5 14	6 10	1 2	11 56	1 27	24 28	0 47	24 40	1 4	0 53	2 52	21 21	0 3	6 28	2 4	29 46	16 10	8 32	8 44	6 0		n.a.
T 21	5 33	18 54	4 56	6 57	0 41	11 28	1 27	24 30	0 48	24 40	1 4	0 55	2 53	21 21	0 3	6 28	2 4	29 46	16 10	8 32	8 46	5 58		n.a.
F 22	5 9	18 52	4 24	7 41	0 21	11 0	1 27	24 33	0 49	24 40	1 3	0 56	2 53	21 21	0 3	6 27	2 4	29 45	16 10	8 32	8 47	5 56		n.a.
S 23	4 45	17 55	3 40	8 21	0 1	10 31	1 27	24 35	0 51	24 40	1 3	0 58	2 53	21 21	0 3	6 27	2 4	29 45	16 10	8 32	8 48	5 55		n.a.
S 24	4 21	16 10	2 47	8 56	0n18	10 2	1 27	24 38	0 52	24 40	1 3	1 0	2 53	21 21	0 3	6 26	2 4	29 44	16 11	8 31	8 49	5 53		n.a.
M25	3 57	13 45	1 48	9 27	0 36	9 33	1 27	24 40	0 53	24 39	1 3	1 2	2 53	21 21	0 3	6 26	2 4	29 44	16 11	8 31	8 50	5 51		n.a.
T 26	3 33	10 45	0 44	9 52	0 53	9 4	1 26	24 42	0 55	24 39	1 3	1 4	2 53	21 21	0 3	6 25	2 4	29 44	16 11	8 30	8 52	5 49		n.a.
W27	3 9	7 21	0n21	10 11	1 8	8 34	1 26	24 44	0 56	24 39	1 3	1 6	2 53	21 21	0 3	6 24	2 4	29 43	16 12	8 30	8 53	5 47		n.a.
T 28	2 45	3 39	1 26	10 24	1 22	8 4	1 25	24 46	0 57	24 39	1 3	1 8	2 53	21 21	0 3	6 24	2 4	29 43	16 12	8 31	8 54	5 45		n.a.
F 29	2 20	0s11	2 27	10 31	1 33	7 34	1 25	24 48	0 59	24 38	1 3	1 10	2 53	21 21	0 3	6 23	2 4	29 42	16 12	8 31	8 55	5 44		n.a.
S 30	1n56	4s 3	3n21	10n33	1n43	7n 4	1n24	24n50	1n 0	24s38	1s 3	1s12	2s53	21n21	0n 3	6n23	2s 4	29n42	16n13	8n32	8n56	5n42		n.a.

Julian Day Number = 1268025.5, Delta T = 08h19m52s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'29, Lahiri = -21°05'28 Julian Calendar 1 Sept. 1242 BCE == Greg. Calendar 21 Aug. 1242 BCE

The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1242 BCE
geocentric

OCTOBER 1242 BCE (-1241) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 51 14	26♍13'04	29♎54	7♍51	16♍50	28♊47	8♑ 4	3°R28	4°R 1	20°R52	21♌49	8°R25	7♍20	18♍ 6	n.a.	S 1
M 2	23 55 11	27°13'35	12♏ 2	8°29	18° 5	29°14	8° 7	3♈23	4♊ 0	20♈51	21°51	8♍22	7°17	18°13	n.a.	M 2
T 3	23 59 7	28°14'08	24°21	9°16	19°21	29°40	8°11	3°18	3°59	20°49	21°53	8°19	7°14	18°19	n.a.	T 3
W 4	0 3 4	29°14'42	6♐54	10° 9	20°36	0♋ 7	8°14	3°14	3°59	20°47	21°55	8°16	7°11	18°26	n.a.	W 4
T 5	0 7 1	0♎15'18	19°43	11° 9	21°52	0°33	8°18	3° 9	3°58	20°46	21°57	8°15	7° 7	18°32	n.a.	T 5
F 6	0 10 57	1°15'55	2♑53	12°14	23° 8	0°58	8°22	3° 4	3°57	20°44	21°59	8°D15	7° 4	18°39	n.a.	F 6
S 7	0 14 54	2°16'34	16°25	13°23	24°23	1°24	8°26	2°59	3°57	20°43	22° 1	8°15	7° 1	18°46	n.a.	S 7
S 8	0 18 50	3°17'14	0♒21	14°37	25°39	1°49	8°31	2°54	3°56	20°41	22° 3	8°16	6°58	18°52	n.a.	S 8
M 9	0 22 47	4°17'55	14°42	15°54	26°54	2°14	8°35	2°49	3°55	20°40	22° 5	8°18	6°55	18°59	n.a.	M 9
T 10	0 26 43	5°18'37	29°24	17°14	28°10	2°38	8°40	2°44	3°54	20°38	22° 6	8°19	6°52	19° 6	n.a.	T 10
W11	0 30 40	6°19'21	14♓24	18°37	29°26	3° 3	8°45	2°39	3°53	20°36	22° 8	8°R19	6°48	19°12	n.a.	W11
T 12	0 34 36	7°20'06	29°35	20° 1	0♎41	3°27	8°50	2°34	3°52	20°35	22°10	8°18	6°45	19°19	n.a.	T 12
F 13	0 38 33	8°20'53	14♈46	21°28	1°57	3°50	8°55	2°29	3°51	20°33	22°12	8°15	6°42	19°26	n.a.	F 13
S 14	0 42 29	9°21'41	29°48	22°55	3°13	4°14	9° 1	2°24	3°49	20°31	22°14	8°11	6°39	19°32	n.a.	S 14
S 15	0 46 26	10°22'30	14♉31	24°24	4°28	4°37	9° 6	2°19	3°48	20°30	22°15	8° 6	6°36	19°39	n.a.	S 15
M16	0 50 23	11°23'21	28°50	25°54	5°44	5° 0	9°12	2°14	3°47	20°28	22°17	8° 1	6°32	19°46	n.a.	M16
T 17	0 54 19	12°24'14	12♊41	27°25	6°59	5°22	9°18	2° 9	3°46	20°26	22°19	7°57	6°29	19°52	n.a.	T 17
W18	0 58 16	13°25'09	26° 3	28°57	8°15	5°44	9°24	2° 5	3°44	20°25	22°20	7°54	6°26	19°59	n.a.	W18
T 19	1 2 12	14°26'05	8♋58	0♎29	9°31	6° 6	9°30	2° 0	3°43	20°23	22°22	7°D52	6°23	20° 6	n.a.	T 19
F 20	1 6 9	15°27'02	21°29	2° 1	10°46	6°27	9°37	1°55	3°42	20°21	22°23	7°52	6°20	20°12	n.a.	F 20
S 21	1 10 5	16°28'01	3♌42	3°34	12° 2	6°48	9°44	1°50	3°40	20°20	22°25	7°53	6°17	20°19	n.a.	S 21
S 22	1 14 2	17°29'02	15°41	5° 7	13°18	7° 8	9°50	1°46	3°39	20°18	22°27	7°55	6°13	20°26	n.a.	S 22
M23	1 17 59	18°30'03	27°32	6°40	14°33	7°28	9°57	1°41	3°37	20°16	22°28	7°57	6°10	20°32	n.a.	M23
T 24	1 21 55	19°31'07	9♍18	8°13	15°49	7°48	10° 4	1°36	3°35	20°14	22°30	7°R57	6° 7	20°39	n.a.	T 24
W25	1 25 52	20°32'11	21° 4	9°47	17° 5	8° 7	10°12	1°32	3°34	20°13	22°31	7°56	6° 4	20°45	n.a.	W25
T 26	1 29 48	21°33'16	2♎54	11°20	18°20	8°26	10°19	1°27	3°32	20°11	22°32	7°53	6° 1	20°52	n.a.	T 26
F 27	1 33 45	22°34'23	14°49	12°54	19°36	8°45	10°27	1°23	3°30	20° 9	22°34	7°47	5°58	20°59	n.a.	F 27
S 28	1 37 41	23°35'31	26°52	14°28	20°52	9° 3	10°35	1°19	3°28	20° 8	22°35	7°40	5°54	21° 5	n.a.	S 28
S 29	1 41 38	24°36'39	9♏ 4	16° 2	22° 7	9°20	10°42	1°14	3°27	20° 6	22°36	7°31	5°51	21°12	n.a.	S 29
M30	1 45 34	25°37'49	21°26	17°35	23°23	9°37	10°50	1°10	3°25	20° 4	22°38	7°22	5°48	21°19	n.a.	M30
T 31	1 49 31	26♎38'59	3♐58	19♎ 9	24♎39	9♋54	10♑59	1♈ 6	3♊23	20♈ 2	22♌39	7♍12	5♍45	21♍25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n32	7s46	4n 7	10n29	1n52	6n34	1n23	24n52	1n 2	24s38	1s 3	1s14	2s53	21n21	0n 3	6n22	2s 4	29n41	16n13	8n33	8n58	5n40		n.a.
M 2	1 7	11 13	4 43	10 21	1 59	6 3	1 23	24 53	1 3	24 38	1 3	1 16	2 53	21 21	0 3	6 21	2 4	29 41	16 13	8 34	8 59	5 38		n.a.
T 3	0 43	14 13	5 6	10 9	2 4	5 32	1 22	24 55	1 5	24 37	1 2	1 18	2 53	21 21	0 3	6 21	2 4	29 41	16 14	8 35	9 0	5 36		n.a.
W 4	0 18	16 38	5 15	9 52	2 9	5 1	1 21	24 57	1 6	24 37	1 2	1 20	2 53	21 21	0 3	6 20	2 4	29 40	16 14	8 36	9 1	5 34		n.a.
T 5	0s 6	18 18	5 9	9 32	2 12	4 30	1 20	24 58	1 8	24 37	1 2	1 22	2 53	21 21	0 3	6 20	2 4	29 40	16 14	8 37	9 2	5 33		n.a.
F 6	0 31	19 2	4 47	9 8	2 13	3 59	1 19	24 59	1 9	24 36	1 2	1 24	2 53	21 20	0 3	6 19	2 4	29 40	16 15	8 37	9 4	5 31		n.a.
S 7	0 55	18 42	4 8	8 42	2 14	3 27	1 18	25 1	1 11	24 36	1 2	1 26	2 53	21 20	0 3	6 18	2 4	29 39	16 15	8 37	9 5	5 29		n.a.
S 8	1 20	17 15	3 14	8 13	2 14	2 56	1 17	25 2	1 12	24 36	1 2	1 28	2 53	21 20	0 3	6 18	2 4	29 39	16 15	8 36	9 6	5 27		n.a.
M 9	1 44	14 41	2 7	7 41	2 13	2 24	1 16	25 3	1 14	24 35	1 2	1 30	2 53	21 20	0 3	6 17	2 4	29 39	16 16	8 36	9 7	5 25		n.a.
T 10	2 9	11 7	0 49	7 8	2 11	1 52	1 14	25 4	1 15	24 35	1 2	1 32	2 53	21 20	0 3	6 16	2 4	29 38	16 16	8 35	9 8	5 23		n.a.
W11	2 33	6 45	0s33	6 33	2 9	1 21	1 13	25 5	1 17	24 34	1 2	1 34	2 53	21 20	0 3	6 16	2 4	29 38	16 17	8 35	9 10	5 21		n.a.
T 12	2 57	1 55	1 54	5 57	2 6	0 49	1 12	25 6	1 19	24 34	1 2	1 36	2 53	21 19	0 3	6 15	2 4	29 38	16 17	8 36	9 11	5 20		n.a.
F 13	3 22	3n 3	3 7	5 19	2 3	0 17	1 10	25 7	1 20	24 33	1 1	1 38	2 53	21 19	0 3	6 15	2 4	29 38	16 17	8 37	9 12	5 18		n.a.
S 14	3 46	7 46	4 6	4 40	1 59	0s15	1 9	25 8	1 22	24 33	1 1	1 40	2 53	21 19	0 3	6 14	2 4	29 37	16 18	8 38	9 13	5 16		n.a.
S 15	4 10	11 54	4 47	4 0	1 54	0 47	1 7	25 9	1 24	24 32	1 1	1 42	2 53	21 19	0 3	6 13	2 4	29 37	16 18	8 40	9 14	5 14		n.a.
M16	4 35	15 13	5 9	3 20	1 50	1 19	1 6	25 10	1 25	24 32	1 1	1 44	2 53	21 19	0 3	6 13	2 4	29 37	16 19	8 42	9 16	5 12		n.a.
T 17	4 59	17 33	5 12	2 38	1 45	1 50	1 4	25 11	1 27	24 31	1 1	1 46	2 53	21 18	0 3	6 12	2 4	29 37	16 19	8 44	9 17	5 10		n.a.
W18	5 23	18 50	4 57	1 57	1 39	2 22	1 3	25 11	1 29	24 31	1 1	1 47	2 53	21 18	0 3	6 11	2 4	29 37	16 20	8 45	9 18	5 8		n.a.
T 19	5 47	19 4	4 28	1 14	1 34	2 54	1 1	25 12	1 30	24 30	1 1	1 49	2 52	21 18	0 3	6 11	2 4	29 37	16 20	8 45	9 19	5 7		n.a.
F 20	6 11	18 22	3 47	0 32	1 28	3 26	0 59	25 13	1 32	24 30	1 1	1 51	2 52	21 18	0 3	6 10	2 4	29 36	16 20	8 45	9 20	5 5		n.a.
S 21	6 35	16 48	2 56	0s11	1 22	3 57	0 57	25 14	1 34	24 29	1 1	1 53	2 52	21 17	0 3	6 9	2 4	29 36	16 21	8 45	9 22	5 3		n.a.
S 22	6 58	14 31	1 58	0 54	1 16	4 29	0 56	25 14	1 36	24 29	1 1	1 55	2 52	21 17	0 3	6 9	2 4	29 36	16 21	8 44	9 23	5 1		n.a.
M23	7 22	11 39	0 57	1 38	1 10	5 0	0 54	25 15	1 38	24 28	1 1	1 57	2 52	21 17	0 3	6 8	2 4	29 36	16 22	8 44	9 24	4 59		n.a.
T 24	7 46	8 20	0n 7	2 21	1 3	5 32	0 52	25 16	1 40	24 27	1 0	1 58	2 52	21 16	0 3	6 7	2 4	29 36	16 22	8 44	9 25	4 57		n.a.
W25	8 9	4 41	1 11	3 4	0 57	6 3	0 50	25 16	1 41	24 27	1 0	2 0	2 52	21 16	0 3	6 7	2 4	29 36	16 23	8 44	9 26	4 55		n.a.
T 26	8 32	0 50	2 11	3 47	0 50	6 34	0 48	25 17	1 43	24 26	1 0	2 2	2 52	21 16	0 3	6 6	2 4	29 36	16 23	8 45	9 27	4 53		n.a.
F 27	8 56	3s 5	3 6	4 31	0 44	7 5	0 46	25 18	1 45	24 25	1 0	2 3	2 51	21 16	0 3	6 5	2 4	29 36	16 24	8 47	9 29	4 52		n.a.
S 28	9 19	6 54	3 54	5 14	0 37	7 36	0 44	25 19	1 47	24 25	1 0	2 5	2 51	21 15	0 3	6 5	2 4	29 36	16 24	8 50	9 30	4 50		n.a.
S 29	9 41	10 29	4 31	5 56	0 30	8 7	0 42	25 19	1 49	24 24	1 0	2 7	2 51	21 15	0 3	6 4	2 4	29 36	16 25	8 53	9 31	4 48		n.a.
M30	10 4	13 40	4 55	6 39	0 24	8 37	0 40	25 20	1 51	24 23	1 0	2 8	2 51	21 14	0 3	6 4	2 4	29 36	16 25	8 57	9 32	4 46		n.a.
T 31	10s27	16s17	5n 7	7s21	0n17	9s 7	0n38	25n21	1n53	24s22	1s 0	2s10	2s51	21n14	0n 3	6n 3	2s 4	29n36	16n26	9n 1	9n33	4n44		n.a.

Julian Day Number = 1268055.5, Delta T = 08h19m50s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'25, Lahiri = -21°05'24 Julian Calendar 1 Oct. 1242 BCE == Greg. Calendar 20 Sept. 1242 BCE

The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1242 BCE
geocentric

NOVEMBER 1242 BCE (-1241) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 53 27	27♎40'10	16♐42	20♎43	25♎54	10♋10	11♑ 7	1°R 2	3°R21	20°R 1	22♌40	7°R 4	5♍42	21♍32	n.a.	W 1
T 2	1 57 24	28°41'21	29°39	22°17	27°10	10°26	11°16	0♈57	3♊19	19♈59	22°42	6♍58	5°38	21°39	n.a.	T 2
F 3	2 1 21	29°42'33	12♑51	23°51	28°25	10°41	11°24	0°53	3°17	19°57	22°43	6°54	5°35	21°45	n.a.	F 3
S 4	2 5 17	0♏43'46	26°18	25°25	29°41	10°56	11°33	0°49	3°15	19°56	22°44	6°D53	5°32	21°52	n.a.	S 4
S 5	2 9 14	1°44'59	10♒ 2	26°59	0♏57	11°10	11°42	0°46	3°13	19°54	22°45	6°53	5°29	21°59	n.a.	S 5
M 6	2 13 10	2°46'12	24° 5	28°33	2°12	11°23	11°51	0°42	3°11	19°52	22°46	6°54	5°26	22° 5	n.a.	M 6
T 7	2 17 7	3°47'25	8♓27	0♏ 7	3°28	11°37	12° 0	0°38	3° 8	19°51	22°47	6°R54	5°23	22°12	n.a.	T 7
W 8	2 21 3	4°48'39	23° 5	1°41	4°43	11°49	12° 9	0°34	3° 6	19°49	22°48	6°53	5°19	22°19	n.a.	W 8
T 9	2 25 0	5°49'52	7♈54	3°16	5°59	12° 1	12°19	0°31	3° 4	19°48	22°49	6°50	5°16	22°25	n.a.	T 9
F 10	2 28 57	6°51'07	22°50	4°50	7°15	12°12	12°28	0°27	3° 2	19°46	22°50	6°44	5°13	22°32	n.a.	F 10
S 11	2 32 53	7°52'21	7♉42	6°25	8°30	12°23	12°38	0°24	3° 0	19°44	22°51	6°35	5°10	22°39	n.a.	S 11
S 12	2 36 50	8°53'36	22°22	7°59	9°46	12°34	12°48	0°21	2°57	19°43	22°52	6°25	5° 7	22°45	n.a.	S 12
M13	2 40 46	9°54'52	6♊43	9°34	11° 1	12°43	12°58	0°17	2°55	19°41	22°53	6°14	5° 4	22°52	n.a.	M13
T 14	2 44 43	10°56'08	20°39	11°10	12°17	12°52	13° 8	0°14	2°53	19°40	22°54	6° 5	5° 0	22°58	n.a.	T 14
W15	2 48 39	11°57'24	4♋ 7	12°45	13°32	13° 1	13°18	0°11	2°50	19°38	22°54	5°57	4°57	23° 5	n.a.	W15
T 16	2 52 36	12°58'41	17° 8	14°21	14°48	13° 8	13°28	0° 8	2°48	19°36	22°55	5°51	4°54	23°12	n.a.	T 16
F 17	2 56 32	13°59'59	29°43	15°56	16° 3	13°16	13°39	0° 5	2°45	19°35	22°56	5°48	4°51	23°18	n.a.	F 17
S 18	3 0 29	15° 1'16	11♌59	17°33	17°19	13°22	13°49	0° 3	2°43	19°33	22°57	5°D47	4°48	23°25	n.a.	S 18
S 19	3 4 26	16° 2'35	23°59	19° 9	18°34	13°28	14° 0	0° 0	2°41	19°32	22°57	5°47	4°44	23°32	n.a.	S 19
M20	3 8 22	17° 3'53	5♍50	20°46	19°50	13°33	14°11	29♓57	2°38	19°30	22°58	5°R47	4°41	23°38	n.a.	M20
T 21	3 12 19	18° 5'12	17°36	22°22	21° 5	13°37	14°22	29°55	2°36	19°29	22°58	5°47	4°38	23°45	n.a.	T 21
W22	3 16 15	19° 6'31	29°24	24° 0	22°21	13°41	14°33	29°53	2°33	19°28	22°59	5°44	4°35	23°52	n.a.	W22
T 23	3 20 12	20° 7'50	11♎17	25°37	23°36	13°44	14°44	29°50	2°31	19°26	23° 0	5°39	4°32	23°58	n.a.	T 23
F 24	3 24 8	21° 9'09	23°18	27°15	24°52	13°46	14°55	29°48	2°28	19°25	23° 0	5°30	4°29	24° 5	n.a.	F 24
S 25	3 28 5	22°10'28	5♏32	28°53	26° 7	13°47	15° 6	29°46	2°25	19°23	23° 0	5°19	4°25	24°12	n.a.	S 25
S 26	3 32 1	23°11'47	17°58	0♐31	27°23	13°R48	15°17	29°44	2°23	19°22	23° 1	5° 6	4°22	24°18	n.a.	S 26
M27	3 35 58	24°13'06	0♐37	2°10	28°38	13°48	15°29	29°42	2°20	19°21	23° 1	4°52	4°19	24°25	n.a.	M27
T 28	3 39 55	25°14'25	13°30	3°48	29°54	13°47	15°40	29°41	2°18	19°19	23° 2	4°38	4°16	24°32	n.a.	T 28
W29	3 43 51	26°15'43	26°35	5°27	1♐ 9	13°46	15°52	29°39	2°15	19°18	23° 2	4°26	4°13	24°38	n.a.	W29
T 30	3 47 48	27♏17'01	9♑50	7♐ 6	2♐24	13♋43	16♑ 4	29♓38	2♊13	19♈17	23♌ 2	4♍16	4♍ 9	24♍45	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10s49	18s 8	5n 3	8s 4	0n10	9s37	0n35	25n22	1n55	24s22	1s 0	2s11	2s51	21n14	0n 3	6n 2	2s 4	29n36	16n26	9n 4	9n35	4n42		n.a.
T 2	11 11	19 7	4 44	8 45	0 4	10 7	0 33	25 22	1 57	24 21	1 0	2 13	2 50	21 13	0 3	6 2	2 4	29 36	16 27	9 6	9 36	4 40		n.a.
F 3	11 33	19 4	4 9	9 27	0s 3	10 37	0 31	25 23	2 0	24 20	1 0	2 14	2 50	21 13	0 3	6 1	2 4	29 36	16 27	9 7	9 37	4 38		n.a.
S 4	11 55	17 58	3 20	10 8	0 9	11 6	0 29	25 24	2 2	24 19	1 0	2 16	2 50	21 13	0 3	6 0	2 4	29 36	16 28	9 8	9 38	4 36		n.a.
S 5	12 17	15 48	2 19	10 49	0 16	11 35	0 27	25 25	2 4	24 18	1 0	2 17	2 50	21 12	0 3	6 0	2 4	29 36	16 28	9 8	9 39	4 35		n.a.
M 6	12 38	12 38	1 8	11 29	0 22	12 4	0 24	25 26	2 6	24 17	0 59	2 18	2 50	21 12	0 3	5 59	2 4	29 36	16 29	9 7	9 41	4 33		n.a.
T 7	12 59	8 40	0s 8	12 9	0 29	12 32	0 22	25 27	2 8	24 16	0 59	2 20	2 49	21 11	0 3	5 59	2 4	29 36	16 30	9 7	9 42	4 31		n.a.
W 8	13 20	4 6	1 26	12 48	0 35	13 0	0 20	25 28	2 10	24 15	0 59	2 21	2 49	21 11	0 3	5 58	2 4	29 37	16 30	9 8	9 43	4 29		n.a.
T 9	13 41	0n46	2 38	13 27	0 41	13 28	0 17	25 29	2 13	24 14	0 59	2 22	2 49	21 11	0 3	5 57	2 4	29 37	16 31	9 9	9 44	4 27		n.a.
F 10	14 2	5 37	3 40	14 5	0 47	13 55	0 15	25 30	2 15	24 13	0 59	2 23	2 49	21 10	0 3	5 57	2 4	29 37	16 31	9 11	9 45	4 25		n.a.
S 11	14 22	10 7	4 27	14 43	0 53	14 22	0 13	25 32	2 17	24 12	0 59	2 25	2 49	21 10	0 3	5 56	2 4	29 37	16 32	9 15	9 46	4 23		n.a.
S 12	14 42	13 55	4 55	15 20	0 59	14 49	0 10	25 33	2 19	24 11	0 59	2 26	2 48	21 9	0 3	5 56	2 4	29 37	16 32	9 18	9 48	4 21		n.a.
M13	15 2	16 48	5 4	15 56	1 4	15 15	0 8	25 34	2 22	24 10	0 59	2 27	2 48	21 9	0 3	5 55	2 4	29 38	16 33	9 22	9 49	4 19		n.a.
T 14	15 21	18 37	4 54	16 32	1 10	15 41	0 6	25 36	2 24	24 9	0 59	2 28	2 48	21 8	0 3	5 54	2 4	29 38	16 33	9 26	9 50	4 17		n.a.
W15	15 41	19 18	4 28	17 7	1 15	16 7	0 3	25 37	2 27	24 8	0 59	2 29	2 48	21 8	0 3	5 54	2 4	29 38	16 34	9 29	9 51	4 16		n.a.
T 16	16 0	18 56	3 49	17 41	1 20	16 32	0 1	25 39	2 29	24 7	0 59	2 30	2 47	21 7	0 3	5 53	2 4	29 38	16 35	9 31	9 52	4 14		n.a.
F 17	16 18	17 37	3 0	18 15	1 25	16 56	0s 1	25 41	2 31	24 6	0 59	2 31	2 47	21 7	0 3	5 53	2 4	29 39	16 35	9 32	9 54	4 12		n.a.
S 18	16 37	15 31	2 3	18 47	1 30	17 21	0 4	25 42	2 34	24 5	0 59	2 32	2 47	21 7	0 3	5 52	2 4	29 39	16 36	9 33	9 55	4 10		n.a.
S 19	16 55	12 46	1 2	19 19	1 34	17 44	0 6	25 44	2 36	24 4	0 59	2 32	2 47	21 6	0 3	5 52	2 4	29 39	16 36	9 33	9 56	4 8		n.a.
M20	17 13	9 32	0n 0	19 50	1 39	18 8	0 8	25 46	2 39	24 2	0 59	2 33	2 46	21 6	0 3	5 51	2 4	29 39	16 37	9 33	9 57	4 6		n.a.
T 21	17 30	5 56	1 3	20 19	1 43	18 30	0 11	25 48	2 41	24 1	0 58	2 34	2 46	21 5	0 3	5 51	2 4	29 40	16 37	9 33	9 58	4 4		n.a.
W22	17 47	2 6	2 2	20 48	1 47	18 53	0 13	25 50	2 44	24 0	0 58	2 35	2 46	21 5	0 4	5 50	2 4	29 40	16 38	9 34	9 59	4 2		n.a.
T 23	18 4	1s50	2 57	21 16	1 50	19 14	0 16	25 53	2 46	23 59	0 58	2 35	2 46	21 4	0 4	5 50	2 4	29 40	16 39	9 36	10 1	4 0		n.a.
F 24	18 21	5 45	3 44	21 42	1 53	19 35	0 18	25 55	2 49	23 57	0 58	2 36	2 45	21 4	0 4	5 49	2 4	29 41	16 39	9 39	10 2	3 58		n.a.
S 25	18 37	9 29	4 21	22 8	1 56	19 56	0 20	25 57	2 52	23 56	0 58	2 37	2 45	21 3	0 4	5 49	2 4	29 41	16 40	9 43	10 3	3 56		n.a.
S 26	18 53	12 52	4 47	22 32	1 59	20 16	0 22	26 0	2 54	23 55	0 58	2 37	2 45	21 3	0 4	5 48	2 4	29 42	16 40	9 48	10 4	3 54		n.a.
M27	19 8	15 44	5 0	22 55	2 1	20 35	0 25	26 2	2 57	23 53	0 58	2 38	2 44	21 2	0 4	5 48	2 3	29 42	16 41	9 53	10 5	3 53		n.a.
T 28	19 24	17 53	4 57	23 16	2 3	20 54	0 27	26 5	2 59	23 52	0 58	2 38	2 44	21 2	0 4	5 47	2 3	29 42	16 42	9 58	10 6	3 51		n.a.
W29	19 38	19 9	4 39	23 36	2 4	21 13	0 29	26 8	3 2	23 50	0 58	2 38	2 44	21 1	0 4	5 47	2 3	29 43	16 42	10 3	10 8	3 49		n.a.
T 30	19s53	19s24	4n 5	23s55	2s 5	21s30	0s32	26n11	3n 5	23s49	0s58	2s39	2s44	21n 1	0n 4	5n46	2s 3	29n43	16n43	10n 6	10n 9	3n47		n.a.

Julian Day Number = 1268086.5, Delta T = 08h19m49s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'21, Lahiri = -21°05'20 Julian Calendar 1 Nov. 1242 BCE == Greg. Calendar 21 Oct. 1242 BCE

The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1242 BCE
geocentric

DECEMBER 1242 BCE (-1241) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 51 44	28♏18'18	23♉16	8♐45	3♐40	13°R40	16♉16	29°R36	2°R10	19°R15	23♌ 2	4°R10	4♍ 6	24♍52	n.a.	F 1
S 2	3 55 41	29°19'35	6♒51	10°25	4°55	13♋36	16°28	29♓35	2♊ 7	19♈14	23° 3	4♍ 6	4° 3	24°58	n.a.	S 2
S 3	3 59 37	0♐20'51	20°37	12° 4	6°10	13°31	16°40	29°34	2° 5	19°13	23° 3	4° 5	4° 0	25° 5	n.a.	S 3
M 4	4 3 34	1°22'06	4♓33	13°43	7°26	13°26	16°52	29°33	2° 2	19°12	23° 3	4° 5	3°57	25°12	n.a.	M 4
T 5	4 7 31	2°23'20	18°39	15°21	8°41	13°19	17° 4	29°32	2° 0	19°11	23° 3	4° 4	3°54	25°18	n.a.	T 5
W 6	4 11 27	3°24'33	2♈55	16°59	9°56	13°12	17°16	29°31	1°57	19°10	23° 3	4° 2	3°50	25°25	n.a.	W 6
T 7	4 15 24	4°25'45	17°20	18°37	11°12	13° 4	17°29	29°30	1°54	19° 8	23°R 3	3°58	3°47	25°32	n.a.	T 7
F 8	4 19 20	5°26'57	1♉48	20°13	12°27	12°55	17°41	29°30	1°52	19° 7	23° 3	3°50	3°44	25°38	n.a.	F 8
S 9	4 23 17	6°28'07	16°15	21°49	13°42	12°46	17°54	29°29	1°49	19° 6	23° 3	3°40	3°41	25°45	n.a.	S 9
S 10	4 27 13	7°29'17	0♊35	23°23	14°58	12°35	18° 6	29°29	1°47	19° 5	23° 3	3°28	3°38	25°52	n.a.	S 10
M11	4 31 10	8°30'26	14°41	24°55	16°13	12°24	18°19	29°29	1°44	19° 4	23° 3	3°15	3°35	25°58	n.a.	M11
T 12	4 35 7	9°31'34	28°27	26°25	17°28	12°12	18°32	29°28	1°41	19° 3	23° 3	3° 3	3°31	26° 5	n.a.	T 12
W13	4 39 3	10°32'42	11♋51	27°52	18°43	12° 0	18°44	29°D28	1°39	19° 2	23° 3	2°53	3°28	26°11	n.a.	W13
T 14	4 43 0	11°33'48	24°52	29°17	19°58	11°46	18°57	29°28	1°36	19° 2	23° 2	2°45	3°25	26°18	n.a.	T 14
F 15	4 46 56	12°34'54	7♌29	0♉37	21°14	11°32	19°10	29°29	1°34	19° 1	23° 2	2°40	3°22	26°25	n.a.	F 15
S 16	4 50 53	13°35'59	19°47	1°53	22°29	11°17	19°23	29°29	1°31	19° 0	23° 2	2°38	3°19	26°31	n.a.	S 16
S 17	4 54 49	14°37'04	1♍50	3° 5	23°44	11° 1	19°36	29°29	1°29	18°59	23° 2	2°D37	3°15	26°38	n.a.	S 17
M18	4 58 46	15°38'08	13°43	4°10	24°59	10°45	19°49	29°30	1°26	18°58	23° 1	2°R37	3°12	26°45	n.a.	M18
T 19	5 2 42	16°39'10	25°31	5° 8	26°14	10°28	20° 2	29°31	1°24	18°57	23° 1	2°37	3° 9	26°51	n.a.	T 19
W20	5 6 39	17°40'12	7♎20	5°59	27°29	10°10	20°16	29°31	1°21	18°57	23° 0	2°35	3° 6	26°58	n.a.	W20
T 21	5 10 36	18°41'13	19°15	6°42	28°45	9°52	20°29	29°32	1°19	18°56	23° 0	2°31	3° 3	27° 5	n.a.	T 21
F 22	5 14 32	19°42'14	1♏21	7°16	29°59	9°33	20°42	29°33	1°16	18°55	22°59	2°24	3° 0	27°11	n.a.	F 22
S 23	5 18 29	20°43'13	13°42	7°39	1♉15	9°13	20°56	29°34	1°14	18°55	22°59	2°15	2°56	27°18	n.a.	S 23
S 24	5 22 25	21°44'11	26°19	7°53	2°30	8°53	21° 9	29°36	1°11	18°54	22°58	2° 3	2°53	27°25	n.a.	S 24
M25	5 26 22	22°45'08	9♐15	7°R55	3°45	8°32	21°23	29°37	1° 9	18°54	22°58	1°51	2°50	27°31	n.a.	M25
T 26	5 30 18	23°46'04	22°27	7°46	5° 0	8°11	21°36	29°39	1° 7	18°53	22°57	1°38	2°47	27°38	n.a.	T 26
W27	5 34 15	24°46'58	5♉55	7°26	6°15	7°49	21°50	29°40	1° 4	18°53	22°57	1°27	2°44	27°45	n.a.	W27
T 28	5 38 11	25°47'51	19°36	6°55	7°30	7°27	22° 4	29°42	1° 2	18°52	22°56	1°19	2°41	27°51	n.a.	T 28
F 29	5 42 8	26°48'43	3♒27	6°14	8°45	7° 4	22°17	29°44	1° 0	18°52	22°55	1°13	2°37	27°58	n.a.	F 29
S 30	5 46 5	27°49'33	17°24	5°24	10° 0	6°42	22°31	29°46	0°58	18°51	22°54	1°10	2°34	28° 5	n.a.	S 30
S 31	5 50 1	28♐50'21	1♓25	4♉27	11♉15	6♋18	22♉45	29♓48	0♊55	18♈51	22♌54	1°D 9	2♍31	28♍11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s 7	18s33	3n18	24s12	2s 5	21s47	0s34	26n14	3n 7	23s47	0s58	2s39	2s43	21n 0	0n 4	5n46	2s 3	29n44	16n43	10n 9	10n10	3n45		n.a.
S 2	20 21	16 38	2 19	24 27	2 5	22 4	0 36	26 17	3 10	23 46	0 58	2 39	2 43	21 0	0 4	5 45	2 3	29 44	16 44	10 10	10 11	3 43		n.a.
S 3	20 34	13 45	1 11	24 41	2 5	22 19	0 38	26 20	3 13	23 44	0 58	2 39	2 43	20 59	0 4	5 45	2 3	29 45	16 44	10 11	10 12	3 41		n.a.
M 4	20 47	10 3	0s 2	24 52	2 4	22 35	0 40	26 23	3 15	23 43	0 58	2 40	2 42	20 58	0 4	5 45	2 3	29 45	16 45	10 11	10 14	3 39		n.a.
T 5	20 59	5 44	1 16	25 2	2 2	22 49	0 42	26 26	3 18	23 41	0 58	2 40	2 42	20 58	0 4	5 44	2 3	29 46	16 46	10 11	10 15	3 37		n.a.
W 6	21 11	1 3	2 26	25 11	2 0	23 3	0 44	26 30	3 21	23 40	0 58	2 40	2 42	20 57	0 4	5 44	2 3	29 46	16 46	10 11	10 16	3 35		n.a.
T 7	21 23	3n44	3 27	25 17	1 57	23 16	0 47	26 33	3 23	23 38	0 58	2 40	2 41	20 57	0 4	5 43	2 3	29 47	16 47	10 13	10 17	3 33		n.a.
F 8	21 34	8 19	4 15	25 21	1 53	23 28	0 49	26 37	3 26	23 36	0 58	2 40	2 41	20 56	0 4	5 43	2 3	29 47	16 47	10 16	10 18	3 31		n.a.
S 9	21 45	12 24	4 47	25 23	1 49	23 40	0 51	26 40	3 28	23 34	0 58	2 40	2 41	20 56	0 4	5 43	2 3	29 48	16 48	10 20	10 19	3 29		n.a.
S 10	21 55	15 43	5 0	25 24	1 44	23 51	0 53	26 44	3 31	23 33	0 58	2 39	2 41	20 55	0 4	5 42	2 3	29 48	16 49	10 24	10 21	3 27		n.a.
M11	22 5	18 4	4 54	25 22	1 38	24 1	0 54	26 48	3 34	23 31	0 58	2 39	2 40	20 55	0 4	5 42	2 3	29 49	16 49	10 29	10 22	3 26		n.a.
T 12	22 15	19 18	4 32	25 18	1 31	24 10	0 56	26 51	3 36	23 29	0 58	2 39	2 40	20 54	0 4	5 42	2 3	29 50	16 50	10 33	10 23	3 24		n.a.
W13	22 24	19 24	3 54	25 12	1 23	24 19	0 58	26 55	3 39	23 27	0 58	2 39	2 40	20 54	0 4	5 41	2 3	29 50	16 50	10 37	10 24	3 22		n.a.
T 14	22 33	18 28	3 6	25 4	1 14	24 27	1 0	26 59	3 41	23 26	0 58	2 38	2 39	20 53	0 4	5 41	2 3	29 51	16 51	10 40	10 25	3 20		n.a.
F 15	22 41	16 38	2 9	24 55	1 4	24 34	1 2	27 2	3 44	23 24	0 58	2 38	2 39	20 53	0 4	5 41	2 2	29 51	16 51	10 42	10 26	3 18		n.a.
S 16	22 49	14 3	1 8	24 43	0 54	24 41	1 3	27 6	3 46	23 22	0 58	2 38	2 39	20 52	0 4	5 41	2 2	29 52	16 52	10 43	10 28	3 16		n.a.
S 17	22 56	10 56	0 4	24 30	0 42	24 46	1 5	27 10	3 48	23 20	0 58	2 37	2 38	20 52	0 4	5 40	2 2	29 53	16 53	10 43	10 29	3 14		n.a.
M18	23 3	7 24	0n59	24 15	0 29	24 51	1 7	27 14	3 51	23 18	0 58	2 37	2 38	20 51	0 4	5 40	2 2	29 53	16 53	10 43	10 30	3 12		n.a.
T 19	23 9	3 37	1 58	23 59	0 15	24 55	1 8	27 17	3 53	23 16	0 58	2 36	2 38	20 51	0 4	5 40	2 2	29 54	16 54	10 43	10 31	3 10		n.a.
W20	23 15	0s19	2 53	23 42	0 0	24 59	1 10	27 21	3 55	23 14	0 58	2 35	2 37	20 50	0 4	5 40	2 2	29 55	16 54	10 43	10 32	3 8		n.a.
T 21	23 21	4 15	3 41	23 24	0n16	25 1	1 11	27 25	3 57	23 12	0 58	2 35	2 37	20 50	0 4	5 39	2 2	29 55	16 55	10 45	10 33	3 6		n.a.
F 22	23 26	8 5	4 19	23 6	0 32	25 3	1 13	27 28	4 0	23 10	0 58	2 34	2 37	20 49	0 4	5 39	2 2	29 56	16 55	10 47	10 35	3 4		n.a.
S 23	23 30	11 40	4 47	22 47	0 50	25 4	1 14	27 32	4 2	23 8	0 58	2 33	2 36	20 49	0 4	5 39	2 2	29 57	16 56	10 51	10 36	3 2		n.a.
S 24	23 35	14 47	5 1	22 29	1 7	25 4	1 16	27 35	4 4	23 5	0 58	2 33	2 36	20 48	0 4	5 39	2 2	29 57	16 56	10 55	10 37	3 0		n.a.
M25	23 38	17 16	5 0	22 10	1 26	25 4	1 17	27 39	4 6	23 3	0 58	2 32	2 36	20 48	0 4	5 39	2 2	29 58	16 57	11 0	10 38	2 58		n.a.
T 26	23 41	18 55	4 43	21 53	1 44	25 3	1 18	27 42	4 7	23 1	0 58	2 31	2 35	20 47	0 4	5 39	2 2	29 59	16 57	11 4	10 39	2 56		n.a.
W27	23 44	19 33	4 10	21 36	2 2	25 0	1 19	27 45	4 9	22 59	0 58	2 30	2 35	20 47	0 4	5 38	2 2	30 0	16 58	11 8	10 40	2 54		n.a.
T 28	23 46	19 3	3 22	21 20	2 20	24 58	1 20	27 48	4 11	22 57	0 58	2 29	2 35	20 46	0 4	5 38	2 2	30 0	16 59	11 11	10 42	2 52		n.a.
F 29	23 48	17 24	2 22	21 5	2 37	24 54	1 21	27 51	4 12	22 54	0 58	2 28	2 35	20 46	0 4	5 38	2 2	30 1	16 59	11 13	10 43	2 50		n.a.
S 30	23 49	14 43	1 13	20 51	2 53	24 49	1 22	27 54	4 14	22 52	0 58	2 27	2 34	20 45	0 4	5 38	2 1	30 2	17 0	11 15	10 44	2 48		n.a.
S 31	23s50	11s10	0s 1	20s39	3n 7	24s44	1s23	27n56	4n15	22s50	0s58	2s26	2s34	20n45	0n 4	5n38	2s 1	30n 2	17n 0	11n15	10n45	2n47		n.a.

Julian Day Number = 1268116.5, Delta T = 08h19m47s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'17, Lahiri = -21°05'16 Julian Calendar 1 Dec. 1242 BCE == Greg. Calendar 20 Nov. 1242 BCE

The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1241 BCE
geocentric

JANUARY 1241 BCE (-1240) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 53 58	29♐51'07	15♓29	3°R23	12♑30	5°R55	22♑59	29♓50	0°R53	18°R51	22°R53	1♍ 9	2♍28	28♍18	n.a.	M 1
T 2	5 57 54	0♑51'52	29°35	2♑15	13°45	5♋31	23°13	29°52	0♊51	18♈50	22♌52	1°R10	2°25	28°25	n.a.	T 2
W 3	6 1 51	1°52'34	13♈42	1° 4	15° 0	5° 8	23°27	29°54	0°49	18°50	22°51	1° 9	2°21	28°31	n.a.	W 3
T 4	6 5 47	2°53'15	27°48	29♐54	16°14	4°44	23°41	29°57	0°47	18°50	22°50	1° 7	2°18	28°38	n.a.	T 4
F 5	6 9 44	3°53'54	11♉51	28°44	17°29	4°20	23°55	29°59	0°45	18°50	22°49	1° 1	2°15	28°45	n.a.	F 5
S 6	6 13 40	4°54'31	25°50	27°38	18°44	3°56	24° 9	0♈ 2	0°43	18°49	22°48	0°54	2°12	28°51	n.a.	S 6
S 7	6 17 37	5°55'06	9♊41	26°37	19°59	3°32	24°23	0° 5	0°41	18°49	22°47	0°45	2° 9	28°58	n.a.	S 7
M 8	6 21 34	6°55'39	23°21	25°41	21°14	3° 8	24°37	0° 8	0°39	18°49	22°46	0°35	2° 6	29° 5	n.a.	M 8
T 9	6 25 30	7°56'11	6♋46	24°52	22°28	2°45	24°51	0°11	0°37	18°49	22°45	0°26	2° 2	29°11	n.a.	T 9
W10	6 29 27	8°56'41	19°54	24°10	23°43	2°21	25° 5	0°14	0°35	18°D49	22°44	0°18	1°59	29°18	n.a.	W10
T 11	6 33 23	9°57'09	2♌44	23°35	24°58	1°58	25°19	0°17	0°33	18°49	22°43	0°13	1°56	29°25	n.a.	T 11
F 12	6 37 20	10°57'35	15°16	23° 9	26°13	1°35	25°33	0°20	0°31	18°49	22°42	0° 9	1°53	29°31	n.a.	F 12
S 13	6 41 16	11°58'00	27°32	22°49	27°27	1°12	25°47	0°24	0°29	18°49	22°41	0°D 8	1°50	29°38	n.a.	S 13
S 14	6 45 13	12°58'23	9♍34	22°38	28°42	0°49	26° 2	0°27	0°28	18°49	22°40	0° 8	1°47	29°45	n.a.	S 14
M15	6 49 10	13°58'45	21°28	22°D33	29°56	0°27	26°16	0°31	0°26	18°49	22°39	0°10	1°43	29°51	n.a.	M15
T 16	6 53 6	14°59'04	3♎17	22°35	1♒11	0° 5	26°30	0°35	0°24	18°50	22°37	0°11	1°40	29°58	n.a.	T 16
W17	6 57 3	15°59'22	15° 7	22°44	2°26	29♊44	26°45	0°38	0°23	18°50	22°36	0°R12	1°37	0♎ 5	n.a.	W17
T 18	7 0 59	16°59'39	27° 3	22°59	3°40	29°23	26°59	0°42	0°21	18°50	22°35	0°11	1°34	0°11	n.a.	T 18
F 19	7 4 56	17°59'54	9♏10	23°19	4°55	29° 3	27°13	0°46	0°20	18°50	22°34	0° 9	1°31	0°18	n.a.	F 19
S 20	7 8 52	19° 0'07	21°33	23°45	6° 9	28°43	27°28	0°50	0°18	18°51	22°32	0° 5	1°27	0°25	n.a.	S 20
S 21	7 12 49	20° 0'19	4♐15	24°16	7°24	28°24	27°42	0°54	0°17	18°51	22°31	29♌59	1°24	0°31	n.a.	S 21
M22	7 16 45	21° 0'28	17°18	24°51	8°38	28° 5	27°56	0°59	0°15	18°51	22°30	29°52	1°21	0°38	n.a.	M22
T 23	7 20 42	22° 0'36	0♑43	25°31	9°53	27°47	28°11	1° 3	0°14	18°52	22°28	29°46	1°18	0°45	n.a.	T 23
W24	7 24 38	23° 0'42	14°29	26°14	11° 7	27°30	28°25	1° 7	0°13	18°52	22°27	29°40	1°15	0°51	n.a.	W24
T 25	7 28 35	24° 0'46	28°33	27° 2	12°21	27°13	28°40	1°12	0°11	18°53	22°26	29°35	1°12	0°58	n.a.	T 25
F 26	7 32 32	25° 0'48	12♒50	27°52	13°36	26°57	28°54	1°17	0°10	18°53	22°24	29°32	1° 8	1° 5	n.a.	F 26
S 27	7 36 28	26° 0'48	27°15	28°46	14°50	26°42	29° 8	1°21	0° 9	18°54	22°23	29°D31	1° 5	1°11	n.a.	S 27
S 28	7 40 25	27° 0'46	11♓42	29°43	16° 4	26°28	29°23	1°26	0° 8	18°54	22°21	29°31	1° 2	1°18	n.a.	S 28
M29	7 44 21	28° 0'41	26° 8	0♑43	17°19	26°14	29°37	1°31	0° 7	18°55	22°20	29°33	0°59	1°25	n.a.	M29
T 30	7 48 18	29° 0'34	10♈28	1°45	18°33	26° 1	29°52	1°36	0° 6	18°56	22°18	29°34	0°56	1°31	n.a.	T 30
W31	7 52 14	0♒ 0'24	24♈39	2♑49	19♒47	25♊49	0♒ 6	1♈41	0♊ 5	18♈56	22♌17	29°R35	0♍53	1♎38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s50	6s58	1s16	20s29	3n19	24s38	1s24	27n59	4n17	22s47	0s58	2s25	2s34	20n44	0n 4	5n38	2s 1	30n 3	17n 1	11n15	10n46	2n45		n.a.
T 2	23 50	2 24	2 26	20 20	3 29	24 32	1 25	28 1	4 18	22 45	0 58	2 23	2 33	20 44	0 4	5 38	2 1	30 4	17 1	11 14	10 47	2 43		n.a.
W 3	23 50	2n19	3 27	20 13	3 38	24 24	1 26	28 3	4 19	22 43	0 58	2 22	2 33	20 44	0 4	5 38	2 1	30 5	17 2	11 15	10 48	2 41		n.a.
T 4	23 48	6 53	4 16	20 7	3 43	24 16	1 26	28 5	4 20	22 40	0 58	2 21	2 33	20 43	0 4	5 38	2 1	30 5	17 2	11 16	10 50	2 39		n.a.
F 5	23 47	11 4	4 49	20 3	3 47	24 7	1 27	28 7	4 21	22 38	0 58	2 20	2 32	20 43	0 4	5 38	2 1	30 6	17 2	11 17	10 51	2 37		n.a.
S 6	23 45	14 37	5 4	20 1	3 48	23 57	1 28	28 8	4 21	22 35	0 58	2 18	2 32	20 42	0 4	5 38	2 1	30 7	17 3	11 20	10 52	2 35		n.a.
S 7	23 42	17 18	5 2	20 1	3 47	23 47	1 28	28 10	4 22	22 33	0 58	2 17	2 32	20 42	0 4	5 38	2 1	30 8	17 3	11 23	10 53	2 33		n.a.
M 8	23 39	18 59	4 42	20 2	3 44	23 35	1 29	28 11	4 23	22 30	0 58	2 15	2 31	20 41	0 4	5 38	2 1	30 9	17 4	11 27	10 54	2 31		n.a.
T 9	23 36	19 33	4 7	20 6	3 39	23 24	1 29	28 12	4 23	22 28	0 58	2 14	2 31	20 41	0 4	5 38	2 1	30 9	17 4	11 30	10 55	2 29		n.a.
W10	23 32	19 3	3 19	20 10	3 32	23 11	1 29	28 13	4 24	22 25	0 58	2 12	2 31	20 41	0 4	5 38	2 1	30 10	17 5	11 33	10 57	2 27		n.a.
T 11	23 28	17 34	2 22	20 16	3 25	22 58	1 30	28 13	4 24	22 23	0 58	2 11	2 31	20 40	0 4	5 38	2 1	30 11	17 5	11 35	10 58	2 25		n.a.
F 12	23 23	15 16	1 19	20 24	3 16	22 44	1 30	28 14	4 24	22 20	0 58	2 9	2 30	20 40	0 4	5 38	2 1	30 12	17 6	11 36	10 59	2 23		n.a.
S 13	23 17	12 19	0 14	20 33	3 6	22 29	1 30	28 14	4 24	22 17	0 58	2 8	2 30	20 40	0 4	5 38	2 0	30 13	17 6	11 37	11 0	2 21		n.a.
S 14	23 12	8 54	0n51	20 42	2 56	22 14	1 30	28 14	4 24	22 15	0 58	2 6	2 30	20 39	0 4	5 38	2 0	30 13	17 6	11 37	11 1	2 19		n.a.
M15	23 5	5 10	1 53	20 53	2 45	21 58	1 30	28 14	4 24	22 12	0 58	2 4	2 29	20 39	0 4	5 39	2 0	30 14	17 7	11 36	11 2	2 17		n.a.
T 16	22 59	1 16	2 50	21 5	2 33	21 41	1 30	28 14	4 24	22 9	0 58	2 2	2 29	20 38	0 4	5 39	2 0	30 15	17 7	11 36	11 3	2 15		n.a.
W17	22 52	2s41	3 40	21 17	2 22	21 24	1 30	28 14	4 23	22 6	0 58	2 1	2 29	20 38	0 4	5 39	2 0	30 16	17 8	11 35	11 5	2 13		n.a.
T 18	22 44	6 33	4 20	21 30	2 10	21 6	1 29	28 13	4 23	22 4	0 58	1 59	2 29	20 38	0 4	5 39	2 0	30 17	17 8	11 36	11 6	2 11		n.a.
F 19	22 36	10 13	4 50	21 43	1 58	20 48	1 29	28 13	4 22	22 1	0 58	1 57	2 28	20 38	0 4	5 39	2 0	30 17	17 8	11 36	11 7	2 9		n.a.
S 20	22 28	13 31	5 7	21 56	1 46	20 29	1 29	28 12	4 22	21 58	0 58	1 55	2 28	20 37	0 4	5 39	2 0	30 18	17 9	11 38	11 8	2 7		n.a.
S 21	22 19	16 17	5 9	22 9	1 34	20 9	1 28	28 11	4 21	21 55	0 58	1 53	2 28	20 37	0 4	5 40	2 0	30 19	17 9	11 40	11 9	2 5		n.a.
M22	22 10	18 18	4 56	22 22	1 22	19 49	1 28	28 10	4 20	21 52	0 58	1 51	2 27	20 37	0 4	5 40	2 0	30 20	17 9	11 42	11 10	2 3		n.a.
T 23	22 0	19 24	4 27	22 35	1 10	19 28	1 27	28 9	4 19	21 49	0 58	1 49	2 27	20 36	0 4	5 40	2 0	30 20	17 10	11 45	11 12	2 1		n.a.
W24	21 50	19 23	3 41	22 48	0 59	19 7	1 27	28 7	4 18	21 46	0 58	1 47	2 27	20 36	0 4	5 40	2 0	30 21	17 10	11 47	11 13	1 59		n.a.
T 25	21 40	18 10	2 41	23 1	0 48	18 45	1 26	28 6	4 17	21 44	0 58	1 45	2 27	20 36	0 4	5 40	2 0	30 22	17 10	11 48	11 14	1 57		n.a.
F 26	21 29	15 48	1 30	23 13	0 37	18 23	1 25	28 4	4 16	21 41	0 59	1 43	2 26	20 36	0 4	5 41	2 0	30 23	17 11	11 49	11 15	1 55		n.a.
S 27	21 18	12 26	0 12	23 24	0 26	18 0	1 25	28 3	4 15	21 38	0 59	1 41	2 26	20 35	0 4	5 41	1 59	30 24	17 11	11 50	11 16	1 53		n.a.
S 28	21 6	8 18	1s 6	23 35	0 15	17 37	1 24	28 1	4 14	21 35	0 59	1 39	2 26	20 35	0 4	5 41	1 59	30 24	17 11	11 50	11 17	1 51		n.a.
M29	20 54	3 42	2 21	23 45	0 5	17 13	1 23	28 0	4 13	21 32	0 59	1 36	2 26	20 35	0 4	5 42	1 59	30 25	17 12	11 49	11 18	1 49		n.a.
T 30	20 42	1n 4	3 26	23 54	0s 5	16 49	1 22	27 58	4 11	21 29	0 59	1 34	2 25	20 35	0 4	5 42	1 59	30 26	17 12	11 49	11 20	1 47		n.a.
W31	20s29	5n43	4s18	24s 3	0s14	16s24	1s21	27n56	4n10	21s25	0s59	1s32	2s25	20n34	0n 4	5n42	1s59	30n27	17n12	11n48	11n21	1n45		n.a.

Julian Day Number = 1268147.5, Delta T = 08h19m45s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'12, Lahiri = -21°05'12 Julian Calendar 1 Jan. 1241 BCE == Greg. Calendar 21 Dec. 1242 BCE

The year -1240 astronomical counting style corresponds to year 1241 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1241 BCE
geocentric

FEBRUARY 1241 BCE (-1240) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 56 11	1♒ 0'12	8♉41	3♋56	21♒ 1	25°R37	0♒21	1♈46	0°R 4	18♈57	22°R15	29°R35	0♍49	1♎45	n.a.	T 1
F 2	8 0 7	1°59'57	22°31	5° 5	22°15	25♊27	0°35	1°51	0♊ 3	18°58	22♌14	29♌34	0°46	1°51	n.a.	F 2
S 3	8 4 4	2°59'40	6♊10	6°17	23°29	25°17	0°49	1°57	0° 2	18°59	22°12	29°31	0°43	1°58	n.a.	S 3
S 4	8 8 1	3°59'21	19°36	7°30	24°43	25° 8	1° 4	2° 2	0° 2	19° 0	22°11	29°27	0°40	2° 5	n.a.	S 4
M 5	8 11 57	4°59'00	2♋49	8°45	25°57	25° 0	1°18	2° 7	0° 1	19° 0	22° 9	29°24	0°37	2°11	n.a.	M 5
T 6	8 15 54	5°58'36	15°49	10° 1	27°11	24°52	1°33	2°13	0° 0	19° 1	22° 8	29°20	0°33	2°18	n.a.	T 6
W 7	8 19 50	6°58'10	28°35	11°20	28°25	24°46	1°47	2°18	29♉59	19° 2	22° 6	29°17	0°30	2°25	n.a.	W 7
T 8	8 23 47	7°57'41	11♌ 7	12°40	29°39	24°40	2° 1	2°24	29°59	19° 3	22° 5	29°15	0°27	2°31	n.a.	T 8
F 9	8 27 43	8°57'11	23°27	14° 2	0♓53	24°35	2°16	2°30	29°59	19° 4	22° 3	29°D14	0°24	2°38	n.a.	F 9
S 10	8 31 40	9°56'38	5♍36	15°26	2° 7	24°30	2°30	2°36	29°58	19° 5	22° 1	29°14	0°21	2°45	n.a.	S 10
S 11	8 35 36	10°56'03	17°35	16°51	3°21	24°27	2°44	2°41	29°58	19° 6	22° 0	29°14	0°18	2°51	n.a.	S 11
M12	8 39 33	11°55'26	29°27	18°17	4°34	24°24	2°59	2°47	29°57	19° 7	21°58	29°16	0°14	2°58	n.a.	M12
T 13	8 43 29	12°54'47	11♎17	19°45	5°48	24°22	3°13	2°53	29°57	19° 8	21°56	29°17	0°11	3° 5	n.a.	T 13
W14	8 47 26	13°54'06	23° 7	21°14	7° 2	24°21	3°27	2°59	29°57	19° 9	21°55	29°19	0° 8	3°11	n.a.	W14
T 15	8 51 23	14°53'24	5♏ 3	22°45	8°15	24°D20	3°42	3° 6	29°57	19°11	21°53	29°19	0° 5	3°18	n.a.	T 15
F 16	8 55 19	15°52'39	17° 9	24°17	9°29	24°20	3°56	3°12	29°57	19°12	21°52	29°R20	0° 2	3°25	n.a.	F 16
S 17	8 59 16	16°51'52	29°30	25°51	10°43	24°21	4°10	3°18	29°57	19°13	21°50	29°19	29♌58	3°31	n.a.	S 17
S 18	9 3 12	17°51'04	12♐10	27°26	11°56	24°23	4°24	3°24	29°D57	19°14	21°48	29°18	29°55	3°38	n.a.	S 18
M19	9 7 9	18°50'13	25°12	29° 3	13°10	24°25	4°39	3°31	29°57	19°16	21°47	29°17	29°52	3°45	n.a.	M19
T 20	9 11 5	19°49'21	8♑39	0♒41	14°23	24°28	4°53	3°37	29°57	19°17	21°45	29°16	29°49	3°51	n.a.	T 20
W21	9 15 2	20°48'27	22°32	2°20	15°36	24°32	5° 7	3°44	29°57	19°18	21°43	29°15	29°46	3°58	n.a.	W21
T 22	9 18 58	21°47'31	6♒47	4° 0	16°50	24°37	5°21	3°50	29°57	19°20	21°42	29°14	29°43	4° 5	n.a.	T 22
F 23	9 22 55	22°46'32	21°22	5°43	18° 3	24°42	5°35	3°57	29°57	19°21	21°40	29°14	29°39	4°11	n.a.	F 23
S 24	9 26 52	23°45'31	6♓10	7°26	19°16	24°48	5°49	4° 3	29°58	19°22	21°38	29°D14	29°36	4°18	n.a.	S 24
S 25	9 30 48	24°44'28	21° 3	9°11	20°30	24°54	6° 3	4°10	29°58	19°24	21°37	29°14	29°33	4°25	n.a.	S 25
M26	9 34 45	25°43'23	5♈55	10°57	21°43	25° 1	6°17	4°17	29°58	19°25	21°35	29°14	29°30	4°31	n.a.	M26
T 27	9 38 41	26°42'16	20°37	12°45	22°56	25° 9	6°31	4°24	29°59	19°27	21°33	29°15	29°27	4°38	n.a.	T 27
W28	9 42 38	27°41'05	5♉ 5	14°34	24° 9	25°17	6°45	4°31	29°59	19°28	21°32	29°15	29°24	4°45	n.a.	W28
T 29	9 46 34	28♒39'53	19♉14	16♒25	25♓22	25♊26	6♒59	4♈37	29♉59	19♈30	21♌30	29♌15	29♌20	4♎51	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s16	10n 0	4s53	24s10	0s23	15s59	1s19	27n54	4n 8	21s22	0s59	1s30	2s25	20n34	0n 4	5n43	1s59	30n28	17n12	11n48	11n22	1n43		n.a.
F 2	20 3	13 41	5 11	24 17	0 32	15 33	1 18	27 52	4 7	21 19	0 59	1 27	2 25	20 34	0 4	5 43	1 59	30 28	17 13	11 49	11 23	1 41		n.a.
S 3	19 49	16 35	5 12	24 22	0 41	15 7	1 17	27 51	4 5	21 16	0 59	1 25	2 24	20 34	0 4	5 43	1 59	30 29	17 13	11 50	11 24	1 39		n.a.
S 4	19 35	18 32	4 55	24 26	0 49	14 41	1 16	27 49	4 4	21 13	0 59	1 23	2 24	20 34	0 4	5 44	1 59	30 30	17 13	11 51	11 25	1 37		n.a.
M 5	19 20	19 26	4 22	24 30	0 57	14 14	1 14	27 47	4 2	21 10	0 59	1 20	2 24	20 34	0 4	5 44	1 59	30 31	17 13	11 53	11 26	1 35		n.a.
T 6	19 6	19 18	3 37	24 32	1 5	13 47	1 13	27 45	4 1	21 7	0 59	1 18	2 24	20 33	0 4	5 45	1 59	30 31	17 14	11 54	11 28	1 33		n.a.
W 7	18 50	18 10	2 41	24 32	1 12	13 20	1 11	27 43	3 59	21 3	0 59	1 15	2 23	20 33	0 4	5 45	1 59	30 32	17 14	11 55	11 29	1 31		n.a.
T 8	18 35	16 9	1 38	24 32	1 19	12 52	1 10	27 41	3 57	21 0	0 59	1 13	2 23	20 33	0 4	5 45	1 59	30 33	17 14	11 56	11 30	1 29		n.a.
F 9	18 19	13 26	0 32	24 30	1 25	12 24	1 8	27 39	3 56	20 57	1 0	1 10	2 23	20 33	0 4	5 46	1 59	30 34	17 14	11 56	11 31	1 27		n.a.
S 10	18 3	10 9	0n35	24 26	1 31	11 55	1 6	27 37	3 54	20 54	1 0	1 8	2 23	20 33	0 4	5 46	1 59	30 34	17 14	11 56	11 32	1 25		n.a.
S 11	17 47	6 31	1 40	24 21	1 37	11 27	1 4	27 35	3 52	20 51	1 0	1 5	2 23	20 33	0 4	5 47	1 58	30 35	17 15	11 56	11 33	1 23		n.a.
M12	17 30	2 39	2 40	24 15	1 42	10 58	1 3	27 33	3 50	20 47	1 0	1 3	2 22	20 33	0 4	5 47	1 58	30 36	17 15	11 55	11 34	1 21		n.a.
T 13	17 13	1s17	3 32	24 7	1 47	10 28	1 1	27 31	3 49	20 44	1 0	1 0	2 22	20 33	0 4	5 48	1 58	30 36	17 15	11 55	11 36	1 19		n.a.
W14	16 56	5 10	4 16	23 58	1 51	9 59	0 59	27 30	3 47	20 41	1 0	0 57	2 22	20 33	0 4	5 48	1 58	30 37	17 15	11 54	11 37	1 17		n.a.
T 15	16 38	8 53	4 49	23 47	1 55	9 29	0 57	27 28	3 45	20 37	1 0	0 55	2 22	20 33	0 4	5 49	1 58	30 38	17 15	11 54	11 38	1 15		n.a.
F 16	16 21	12 17	5 10	23 34	1 59	8 59	0 55	27 26	3 43	20 34	1 0	0 52	2 21	20 33	0 4	5 49	1 58	30 39	17 15	11 54	11 39	1 13		n.a.
S 17	16 3	15 13	5 17	23 20	2 2	8 29	0 53	27 24	3 41	20 31	1 0	0 49	2 21	20 33	0 4	5 50	1 58	30 39	17 15	11 54	11 40	1 11		n.a.
S 18	15 44	17 31	5 9	23 4	2 5	7 59	0 50	27 22	3 39	20 27	1 0	0 47	2 21	20 33	0 4	5 50	1 58	30 40	17 15	11 54	11 41	1 9		n.a.
M19	15 26	19 0	4 45	22 46	2 7	7 28	0 48	27 21	3 38	20 24	1 0	0 44	2 21	20 33	0 4	5 51	1 58	30 41	17 15	11 55	11 42	1 7		n.a.
T 20	15 7	19 28	4 5	22 26	2 9	6 57	0 46	27 19	3 36	20 21	1 1	0 41	2 21	20 33	0 4	5 51	1 58	30 41	17 16	11 55	11 43	1 5		n.a.
W21	14 48	18 48	3 10	22 5	2 10	6 26	0 44	27 17	3 34	20 17	1 1	0 38	2 20	20 33	0 4	5 52	1 58	30 42	17 16	11 56	11 45	1 3		n.a.
T 22	14 29	16 56	2 1	21 42	2 11	5 55	0 41	27 15	3 32	20 14	1 1	0 35	2 20	20 33	0 4	5 53	1 58	30 42	17 16	11 56	11 46	1 1		n.a.
F 23	14 9	13 56	0 44	21 17	2 12	5 24	0 39	27 14	3 30	20 10	1 1	0 33	2 20	20 33	0 4	5 53	1 58	30 43	17 16	11 56	11 47	0 59		n.a.
S 24	13 49	10 0	0s38	20 50	2 12	4 52	0 37	27 12	3 28	20 7	1 1	0 30	2 20	20 33	0 4	5 54	1 58	30 44	17 16	11 56	11 48	0 57		n.a.
S 25	13 30	5 25	1 58	20 22	2 11	4 21	0 34	27 11	3 26	20 3	1 1	0 27	2 20	20 33	0 4	5 54	1 58	30 44	17 16	11 56	11 49	0 55		n.a.
M26	13 9	0 31	3 10	19 51	2 10	3 49	0 31	27 9	3 25	20 0	1 1	0 24	2 20	20 33	0 4	5 55	1 58	30 45	17 16	11 56	11 50	0 53		n.a.
T 27	12 49	4n21	4 9	19 19	2 9	3 18	0 29	27 8	3 23	19 57	1 1	0 21	2 19	20 33	0 4	5 56	1 57	30 45	17 16	11 56	11 51	0 51		n.a.
W28	12 29	8 53	4 50	18 45	2 6	2 46	0 26	27 6	3 21	19 53	1 1	0 18	2 19	20 33	0 4	5 56	1 57	30 46	17 16	11 56	11 53	0 49		n.a.
T 29	12s 8	12n49	5s13	18s 9	2s 4	2s14	0s24	27n 4	3n19	19s50	1s 2	0s15	2s19	20n34	0n 4	5n57	1s57	30n47	17n16	11n56	11n54	0n47		n.a.

Julian Day Number = 1268178.5, Delta T = 08h19m44s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'08, Lahiri = -21°05'08 Julian Calendar 1 Feb. 1241 BCE == Greg. Calendar 21 Jan. 1241 BCE

The year -1240 astronomical counting style corresponds to year 1241 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1241 BCE
geocentric

MARCH 1241 BCE (-1240) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 50 31	29♒38'38	3♊ 4	18♒17	26♓35	25♊36	7♒13	4♈44	0♊ 1	19♈31	21°R28	29♌15	29♌17	4♎58	n.a.	F 1
S 2	9 54 27	0♓37'21	16°34	20°11	27°48	25°46	7°27	4°51	0° 1	19°33	21♌27	29°15	29°14	5° 5	n.a.	S 2
S 3	9 58 24	1°36'01	29°46	22° 6	29° 1	25°57	7°41	4°58	0° 2	19°35	21°25	29°15	29°11	5°11	n.a.	S 3
M 4	10 2 20	2°34'39	12♋40	24° 3	0♈14	26° 8	7°54	5° 6	0° 3	19°36	21°23	29°15	29° 8	5°18	n.a.	M 4
T 5	10 6 17	3°33'15	25°20	26° 1	1°26	26°20	8° 8	5°13	0° 4	19°38	21°22	29°16	29° 4	5°25	n.a.	T 5
W 6	10 10 14	4°31'49	7♌46	28° 0	2°39	26°32	8°22	5°20	0° 5	19°40	21°20	29°16	29° 1	5°31	n.a.	W 6
T 7	10 14 10	5°30'20	20° 2	0♓ 1	3°52	26°45	8°35	5°27	0° 5	19°41	21°19	29°17	28°58	5°38	n.a.	T 7
F 8	10 18 7	6°28'49	2♍ 8	2° 3	5° 4	26°59	8°49	5°34	0° 6	19°43	21°17	29°R17	28°55	5°45	n.a.	F 8
S 9	10 22 3	7°27'16	14° 7	4° 6	6°17	27°13	9° 3	5°42	0° 8	19°45	21°15	29°16	28°52	5°51	n.a.	S 9
S 10	10 26 0	8°25'41	26° 1	6°11	7°29	27°27	9°16	5°49	0° 9	19°47	21°14	29°16	28°49	5°58	n.a.	S 10
M11	10 29 56	9°24'04	7♎52	8°16	8°42	27°42	9°30	5°56	0°10	19°48	21°12	29°14	28°45	6° 5	n.a.	M11
T 12	10 33 53	10°22'25	19°41	10°23	9°54	27°57	9°43	6° 4	0°11	19°50	21°11	29°13	28°42	6°11	n.a.	T 12
W13	10 37 49	11°20'45	1♏33	12°30	11° 7	28°13	9°56	6°11	0°12	19°52	21° 9	29°11	28°39	6°18	n.a.	W13
T 14	10 41 46	12°19'02	13°30	14°37	12°19	28°29	10°10	6°19	0°14	19°54	21° 8	29°10	28°36	6°25	n.a.	T 14
F 15	10 45 42	13°17'18	25°36	16°45	13°31	28°46	10°23	6°26	0°15	19°56	21° 6	29° 8	28°33	6°31	n.a.	F 15
S 16	10 49 39	14°15'32	7♐55	18°53	14°43	29° 3	10°36	6°34	0°16	19°58	21° 5	29° 8	28°30	6°38	n.a.	S 16
S 17	10 53 36	15°13'45	20°32	21° 1	15°55	29°21	10°49	6°41	0°18	19°59	21° 3	29°D 7	28°26	6°45	n.a.	S 17
M18	10 57 32	16°11'56	3♑29	23° 8	17° 7	29°39	11° 2	6°49	0°19	20° 1	21° 2	29° 8	28°23	6°51	n.a.	M18
T 19	11 1 29	17°10'06	16°50	25°15	18°19	29°57	11°15	6°56	0°21	20° 3	21° 0	29° 9	28°20	6°58	n.a.	T 19
W20	11 5 25	18° 8'14	0♒38	27°20	19°31	0♋16	11°28	7° 4	0°22	20° 5	20°59	29°11	28°17	7° 5	n.a.	W20
T 21	11 9 22	19° 6'20	14°53	29°24	20°43	0°36	11°41	7°12	0°24	20° 7	20°57	29°12	28°14	7°11	n.a.	T 21
F 22	11 13 18	20° 4'24	29°31	1♈26	21°55	0°55	11°54	7°19	0°26	20° 9	20°56	29°R12	28°10	7°18	n.a.	F 22
S 23	11 17 15	21° 2'27	14♓29	3°26	23° 7	1°15	12° 7	7°27	0°27	20°11	20°55	29°12	28° 7	7°25	n.a.	S 23
S 24	11 21 11	22° 0'28	29°37	5°24	24°18	1°36	12°19	7°35	0°29	20°13	20°53	29°10	28° 4	7°32	n.a.	S 24
M25	11 25 8	22°58'28	14♈48	7°19	25°30	1°56	12°32	7°43	0°31	20°15	20°52	29° 7	28° 1	7°38	n.a.	M25
T 26	11 29 4	23°56'25	29°51	9°12	26°41	2°17	12°44	7°50	0°33	20°17	20°51	29° 4	27°58	7°45	n.a.	T 26
W27	11 33 1	24°54'21	14♉37	11° 1	27°53	2°39	12°57	7°58	0°35	20°19	20°49	29° 1	27°55	7°52	n.a.	W27
T 28	11 36 58	25°52'14	29° 1	12°48	29° 4	3° 1	13° 9	8° 6	0°37	20°21	20°48	28°58	27°51	7°58	n.a.	T 28
F 29	11 40 54	26°50'06	12♊59	14°31	0♉16	3°23	13°22	8°14	0°39	20°23	20°47	28°56	27°48	8° 5	n.a.	F 29
S 30	11 44 51	27°47'56	26°31	16°11	1°27	3°45	13°34	8°21	0°41	20°26	20°45	28°D55	27°45	8°12	n.a.	S 30
S 31	11 48 47	28♓45'44	9♋38	17♈47	2♉38	4♋ 8	13♒46	8♈29	0♊43	20♈28	20♌44	28♌56	27♌42	8♎18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s47	15n56	5s17	17s31	2s 1	1s42	0s21	27n 3	3n17	19s46	1s 2	0s12	2s19	20n34	0n 4	5n57	1s57	30n47	17n16	11n56	11n55	0n45		n.a.
S 2	11 26	18 7	5 3	16 51	1 57	1 10	0 18	27 2	3 15	19 43	1 2	0 9	2 19	20 34	0 4	5 58	1 57	30 48	17 16	11 56	11 56	0 43		n.a.
S 3	11 5	19 16	4 34	16 9	1 53	0 38	0 16	27 0	3 14	19 39	1 2	0 6	2 19	20 34	0 4	5 59	1 57	30 48	17 16	11 56	11 57	0 41		n.a.
M 4	10 44	19 23	3 51	15 25	1 48	0 6	0 13	26 59	3 12	19 36	1 2	0 3	2 18	20 34	0 4	5 59	1 57	30 49	17 15	11 55	11 58	0 39		n.a.
T 5	10 22	18 31	2 58	14 40	1 43	0n26	0 10	26 57	3 10	19 32	1 2	0 0	2 18	20 34	0 4	6 0	1 57	30 49	17 15	11 55	11 59	0 37		n.a.
W 6	10 1	16 45	1 57	13 53	1 37	0 58	0 7	26 56	3 8	19 29	1 2	0n 3	2 18	20 35	0 4	6 1	1 57	30 50	17 15	11 55	12 0	0 35		n.a.
T 7	9 39	14 14	0 51	13 4	1 30	1 30	0 4	26 54	3 6	19 25	1 3	0 6	2 18	20 35	0 4	6 2	1 57	30 50	17 15	11 55	12 2	0 33		n.a.
F 8	9 17	11 8	0n16	12 13	1 23	2 2	0 1	26 53	3 5	19 22	1 3	0 9	2 18	20 35	0 4	6 2	1 57	30 51	17 15	11 55	12 3	0 31		n.a.
S 9	8 55	7 36	1 21	11 20	1 16	2 33	0n 1	26 52	3 3	19 18	1 3	0 12	2 18	20 35	0 4	6 3	1 57	30 51	17 15	11 55	12 4	0 29		n.a.
S 10	8 33	3 47	2 23	10 27	1 8	3 5	0 4	26 50	3 1	19 15	1 3	0 15	2 18	20 36	0 4	6 4	1 57	30 51	17 15	11 55	12 5	0 27		n.a.
M11	8 11	0s 9	3 18	9 31	0 59	3 37	0 7	26 49	3 0	19 11	1 3	0 18	2 17	20 36	0 4	6 4	1 57	30 52	17 15	11 56	12 6	0 24		n.a.
T 12	7 48	4 4	4 5	8 35	0 50	4 9	0 10	26 47	2 58	19 8	1 3	0 21	2 17	20 36	0 4	6 5	1 57	30 52	17 15	11 56	12 7	0 22		n.a.
W13	7 26	7 50	4 41	7 37	0 41	4 40	0 13	26 46	2 56	19 4	1 3	0 24	2 17	20 36	0 4	6 6	1 57	30 53	17 14	11 57	12 8	0 20		n.a.
T 14	7 3	11 19	5 5	6 38	0 31	5 12	0 16	26 44	2 54	19 1	1 4	0 27	2 17	20 37	0 4	6 7	1 57	30 53	17 14	11 58	12 9	0 18		n.a.
F 15	6 40	14 22	5 16	5 38	0 21	5 43	0 19	26 43	2 53	18 57	1 4	0 30	2 17	20 37	0 4	6 7	1 57	30 53	17 14	11 58	12 11	0 16		n.a.
S 16	6 18	16 51	5 13	4 38	0 11	6 14	0 22	26 41	2 51	18 54	1 4	0 33	2 17	20 37	0 4	6 8	1 57	30 54	17 14	11 58	12 12	0 14		n.a.
S 17	5 55	18 36	4 55	3 37	0n 0	6 45	0 25	26 40	2 49	18 50	1 4	0 37	2 17	20 38	0 4	6 9	1 57	30 54	17 14	11 58	12 13	0 12		n.a.
M18	5 32	19 26	4 22	2 36	0 11	7 16	0 28	26 38	2 48	18 47	1 4	0 40	2 17	20 38	0 4	6 10	1 56	30 54	17 14	11 58	12 14	0 10		n.a.
T 19	5 9	19 14	3 33	1 35	0 22	7 47	0 31	26 37	2 46	18 43	1 4	0 43	2 17	20 38	0 4	6 10	1 56	30 55	17 13	11 58	12 15	0 8		n.a.
W20	4 46	17 53	2 31	0 34	0 33	8 17	0 34	26 35	2 45	18 40	1 5	0 46	2 16	20 39	0 4	6 11	1 56	30 55	17 13	11 57	12 16	0 6		n.a.
T 21	4 23	15 24	1 18	0n26	0 44	8 48	0 37	26 33	2 43	18 36	1 5	0 49	2 16	20 39	0 4	6 12	1 56	30 55	17 13	11 57	12 17	0 4		n.a.
F 22	4 0	11 51	0s 2	1 25	0 55	9 18	0 40	26 32	2 41	18 33	1 5	0 52	2 16	20 39	0 4	6 13	1 56	30 56	17 13	11 57	12 18	0 2		n.a.
S 23	3 37	7 29	1 23	2 23	1 6	9 48	0 43	26 30	2 40	18 29	1 5	0 56	2 16	20 40	0 4	6 14	1 56	30 56	17 12	11 57	12 20	0 0		n.a.
S 24	3 13	2 35	2 40	3 20	1 16	10 18	0 46	26 28	2 38	18 26	1 5	0 59	2 16	20 40	0 4	6 14	1 56	30 56	17 12	11 57	12 21	0s 2		n.a.
M25	2 50	2n28	3 45	4 16	1 26	10 47	0 49	26 26	2 37	18 22	1 5	1 2	2 16	20 40	0 4	6 15	1 56	30 56	17 12	11 58	12 22	0 4		n.a.
T 26	2 27	7 20	4 35	5 10	1 36	11 16	0 52	26 24	2 35	18 19	1 6	1 5	2 16	20 41	0 5	6 16	1 56	30 57	17 12	11 59	12 23	0 6		n.a.
W27	2 3	11 39	5 4	6 2	1 45	11 45	0 55	26 22	2 34	18 15	1 6	1 8	2 16	20 41	0 5	6 17	1 56	30 57	17 11	12 1	12 24	0 8		n.a.
T 28	1 40	15 10	5 14	6 52	1 53	12 14	0 58	26 20	2 32	18 12	1 6	1 11	2 16	20 42	0 5	6 18	1 56	30 57	17 11	12 2	12 25	0 10		n.a.
F 29	1 17	17 42	5 5	7 40	2 1	12 42	1 1	26 18	2 31	18 9	1 6	1 15	2 16	20 42	0 5	6 18	1 56	30 57	17 11	12 2	12 26	0 12		n.a.
S 30	0 53	19 9	4 39	8 27	2 9	13 11	1 4	26 16	2 29	18 5	1 6	1 18	2 16	20 42	0 5	6 19	1 56	30 57	17 10	12 3	12 27	0 14		n.a.
S 31	0s30	19n31	3s58	9n10	2n16	13n38	1n 7	26n14	2n28	18s 2	1s 7	1n21	2s16	20n43	0n 5	6n20	1s56	30n57	17n10	12n 2	12n28	0s16		n.a.

Julian Day Number = 1268207.5, Delta T = 08h19m42s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'04, Lahiri = -21°05'04 Julian Calendar 1 March 1241 BCE == Greg. Calendar 19 Feb. 1241 BCE

The year -1240 astronomical counting style corresponds to year 1241 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1241 BCE
geocentric

APRIL 1241 BCE (-1240) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 52 44	29♓43'30	22♋24	19♈20	3♉49	4♋31	13♒58	8♈37	0♊45	20♈30	20°R43	28♌57	27♌39	8♎25	n.a.	M 1
T 2	11 56 40	0♈41'14	4♌52	20°49	5° 0	4°55	14°10	8°45	0°47	20°32	20♌42	28°59	27°35	8°32	n.a.	T 2
W 3	12 0 37	1°38'56	17° 6	22°14	6°11	5°18	14°22	8°53	0°49	20°34	20°41	29° 0	27°32	8°38	n.a.	W 3
T 4	12 4 33	2°36'37	29° 9	23°35	7°22	5°42	14°34	9° 1	0°52	20°36	20°39	29°R 1	27°29	8°45	n.a.	T 4
F 5	12 8 30	3°34'16	11♍ 6	24°53	8°33	6° 7	14°46	9° 9	0°54	20°38	20°38	29° 0	27°26	8°52	n.a.	F 5
S 6	12 12 27	4°31'53	22°58	26° 6	9°44	6°31	14°58	9°17	0°56	20°41	20°37	28°57	27°23	8°58	n.a.	S 6
S 7	12 16 23	5°29'29	4♎48	27°16	10°54	6°56	15° 9	9°24	0°59	20°43	20°36	28°53	27°20	9° 5	n.a.	S 7
M 8	12 20 20	6°27'03	16°38	28°21	12° 5	7°21	15°21	9°32	1° 1	20°45	20°35	28°48	27°16	9°12	n.a.	M 8
T 9	12 24 16	7°24'37	28°30	29°23	13°15	7°47	15°32	9°40	1° 4	20°47	20°34	28°41	27°13	9°18	n.a.	T 9
W10	12 28 13	8°22'08	10♏26	0♉20	14°26	8°12	15°43	9°48	1° 6	20°49	20°33	28°34	27°10	9°25	n.a.	W10
T 11	12 32 9	9°19'39	22°27	1°13	15°36	8°38	15°55	9°56	1° 9	20°51	20°32	28°27	27° 7	9°32	n.a.	T 11
F 12	12 36 6	10°17'09	4♐37	2° 1	16°46	9° 4	16° 6	10° 4	1°11	20°54	20°31	28°21	27° 4	9°38	n.a.	F 12
S 13	12 40 2	11°14'37	16°59	2°46	17°56	9°31	16°17	10°12	1°14	20°56	20°30	28°16	27° 1	9°45	n.a.	S 13
S 14	12 43 59	12°12'05	29°34	3°26	19° 6	9°57	16°28	10°20	1°16	20°58	20°29	28°14	26°57	9°52	n.a.	S 14
M15	12 47 55	13° 9'32	12♑28	4° 1	20°16	10°24	16°39	10°28	1°19	21° 0	20°29	28°D13	26°54	9°58	n.a.	M15
T 16	12 51 52	14° 6'57	25°43	4°32	21°26	10°51	16°50	10°36	1°22	21° 3	20°28	28°13	26°51	10° 5	n.a.	T 16
W17	12 55 49	15° 4'22	9♒22	4°58	22°36	11°19	17° 0	10°44	1°25	21° 5	20°27	28°15	26°48	10°12	n.a.	W17
T 18	12 59 45	16° 1'46	23°27	5°20	23°46	11°46	17°11	10°52	1°27	21° 7	20°26	28°R15	26°45	10°19	n.a.	T 18
F 19	13 3 42	16°59'09	7♓57	5°36	24°55	12°14	17°21	10°59	1°30	21° 9	20°25	28°15	26°41	10°25	n.a.	F 19
S 20	13 7 38	17°56'32	22°49	5°49	26° 5	12°42	17°32	11° 7	1°33	21°12	20°25	28°13	26°38	10°32	n.a.	S 20
S 21	13 11 35	18°53'53	7♈58	5°56	27°14	13°10	17°42	11°15	1°36	21°14	20°24	28° 9	26°35	10°39	n.a.	S 21
M22	13 15 31	19°51'13	23°13	5°R59	28°24	13°39	17°52	11°23	1°39	21°16	20°23	28° 2	26°32	10°45	n.a.	M22
T 23	13 19 28	20°48'32	8♉24	5°57	29°33	14° 7	18° 2	11°31	1°42	21°18	20°23	27°55	26°29	10°52	n.a.	T 23
W24	13 23 24	21°45'51	23°22	5°51	0♊42	14°36	18°12	11°39	1°45	21°20	20°22	27°47	26°26	10°59	n.a.	W24
T 25	13 27 21	22°43'08	7♊57	5°41	1°51	15° 5	18°22	11°47	1°48	21°23	20°22	27°40	26°22	11° 5	n.a.	T 25
F 26	13 31 18	23°40'24	22° 4	5°26	3° 0	15°34	18°32	11°54	1°51	21°25	20°21	27°34	26°19	11°12	n.a.	F 26
S 27	13 35 14	24°37'40	5♋42	5° 8	4° 9	16° 4	18°41	12° 2	1°54	21°27	20°21	27°30	26°16	11°19	n.a.	S 27
S 28	13 39 11	25°34'54	18°52	4°46	5°17	16°33	18°51	12°10	1°57	21°29	20°20	27°29	26°13	11°25	n.a.	S 28
M29	13 43 7	26°32'07	1♌38	4°21	6°26	17° 3	19° 0	12°18	2° 0	21°32	20°20	27°D28	26°10	11°32	n.a.	M29
T 30	13 47 4	27♈29'19	14♌ 2	3♉54	7♊34	17♋33	19♒10	12♈26	2♊ 3	21♈34	20♌19	27♌29	26♌ 6	11♎39	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s 7	18n52	3s 7	9n52	2n22	14n 6	1n10	26n12	2n26	17s58	1s 7	1n24	2s15	20n43	0n 5	6n21	1s56	30n58	17n10	12n 2	12n30	0s18		n.a.
T 2	0n17	17 17	2 9	10 31	2 27	14 33	1 13	26 9	2 25	17 55	1 7	1 27	2 15	20 44	0 5	6 22	1 56	30 58	17 9	12 1	12 31	0 20		n.a.
W 3	0 40	14 57	1 5	11 8	2 32	15 0	1 16	26 7	2 23	17 52	1 7	1 31	2 15	20 44	0 5	6 23	1 56	30 58	17 9	12 1	12 32	0 23		n.a.
T 4	1 3	11 58	0n 1	11 42	2 35	15 26	1 19	26 5	2 22	17 48	1 7	1 34	2 15	20 45	0 5	6 23	1 56	30 58	17 9	12 1	12 33	0 25		n.a.
F 5	1 27	8 32	1 6	12 14	2 38	15 52	1 21	26 2	2 20	17 45	1 8	1 37	2 15	20 45	0 5	6 24	1 56	30 58	17 8	12 1	12 34	0 27		n.a.
S 6	1 50	4 47	2 7	12 43	2 40	16 18	1 24	25 59	2 19	17 42	1 8	1 40	2 15	20 46	0 5	6 25	1 56	30 58	17 8	12 2	12 35	0 29		n.a.
S 7	2 13	0 51	3 3	13 10	2 41	16 43	1 27	25 57	2 18	17 38	1 8	1 43	2 15	20 46	0 5	6 26	1 56	30 58	17 8	12 3	12 36	0 31		n.a.
M 8	2 36	3s 6	3 50	13 35	2 42	17 8	1 30	25 54	2 16	17 35	1 8	1 47	2 15	20 47	0 5	6 27	1 56	30 58	17 7	12 5	12 37	0 33		n.a.
T 9	2 59	6 57	4 28	13 57	2 41	17 33	1 32	25 51	2 15	17 32	1 8	1 50	2 15	20 47	0 5	6 28	1 56	30 58	17 7	12 8	12 38	0 35		n.a.
W10	3 22	10 32	4 54	14 16	2 40	17 57	1 35	25 48	2 13	17 29	1 9	1 53	2 15	20 48	0 5	6 29	1 56	30 58	17 7	12 10	12 40	0 37		n.a.
T 11	3 45	13 44	5 8	14 32	2 37	18 20	1 37	25 45	2 12	17 25	1 9	1 56	2 15	20 48	0 5	6 29	1 56	30 58	17 6	12 13	12 41	0 39		n.a.
F 12	4 8	16 23	5 8	14 47	2 34	18 43	1 40	25 42	2 11	17 22	1 9	1 59	2 15	20 49	0 5	6 30	1 56	30 58	17 6	12 15	12 42	0 41		n.a.
S 13	4 31	18 19	4 53	14 58	2 30	19 6	1 42	25 39	2 9	17 19	1 9	2 2	2 15	20 50	0 5	6 31	1 56	30 58	17 5	12 16	12 43	0 43		n.a.
S 14	4 54	19 26	4 25	15 7	2 24	19 28	1 45	25 35	2 8	17 16	1 9	2 6	2 15	20 50	0 5	6 32	1 56	30 58	17 5	12 17	12 44	0 45		n.a.
M15	5 17	19 33	3 42	15 14	2 18	19 50	1 47	25 32	2 7	17 13	1 10	2 9	2 15	20 51	0 5	6 33	1 56	30 58	17 5	12 18	12 45	0 47		n.a.
T 16	5 39	18 37	2 47	15 17	2 11	20 11	1 49	25 28	2 5	17 10	1 10	2 12	2 15	20 51	0 5	6 34	1 56	30 58	17 4	12 17	12 46	0 49		n.a.
W17	6 2	16 36	1 40	15 19	2 2	20 32	1 52	25 25	2 4	17 7	1 10	2 15	2 15	20 52	0 5	6 35	1 56	30 58	17 4	12 17	12 47	0 51		n.a.
T 18	6 24	13 31	0 26	15 17	1 53	20 52	1 54	25 21	2 3	17 4	1 10	2 18	2 15	20 52	0 5	6 35	1 56	30 57	17 3	12 17	12 48	0 53		n.a.
F 19	6 47	9 32	0s52	15 14	1 43	21 11	1 56	25 17	2 1	17 1	1 11	2 21	2 15	20 53	0 5	6 36	1 56	30 57	17 3	12 17	12 49	0 55		n.a.
S 20	7 9	4 51	2 9	15 7	1 32	21 30	1 58	25 13	2 0	16 58	1 11	2 25	2 15	20 54	0 5	6 37	1 56	30 57	17 3	12 18	12 51	0 58		n.a.
S 21	7 31	0n12	3 17	14 59	1 20	21 49	2 0	25 9	1 59	16 55	1 11	2 28	2 15	20 54	0 5	6 38	1 56	30 57	17 2	12 19	12 52	1 0		n.a.
M22	7 53	5 16	4 12	14 47	1 7	22 7	2 2	25 5	1 58	16 52	1 11	2 31	2 15	20 55	0 5	6 39	1 56	30 57	17 2	12 21	12 53	1 2		n.a.
T 23	8 15	9 59	4 49	14 34	0 53	22 24	2 4	25 0	1 56	16 49	1 12	2 34	2 15	20 55	0 5	6 40	1 56	30 57	17 1	12 24	12 54	1 4		n.a.
W24	8 37	14 0	5 5	14 18	0 39	22 41	2 6	24 56	1 55	16 46	1 12	2 37	2 15	20 56	0 5	6 41	1 56	30 56	17 1	12 27	12 55	1 6		n.a.
T 25	8 59	17 2	5 1	14 0	0 24	22 57	2 7	24 51	1 54	16 43	1 12	2 40	2 15	20 57	0 5	6 41	1 56	30 56	17 0	12 29	12 56	1 8		n.a.
F 26	9 20	18 57	4 39	13 41	0 8	23 13	2 9	24 47	1 53	16 40	1 12	2 43	2 15	20 57	0 5	6 42	1 56	30 56	17 0	12 31	12 57	1 10		n.a.
S 27	9 42	19 42	4 1	13 19	0s 8	23 28	2 10	24 42	1 51	16 37	1 13	2 46	2 15	20 58	0 5	6 43	1 56	30 56	16 59	12 32	12 58	1 12		n.a.
S 28	10 3	19 19	3 12	12 56	0 25	23 42	2 12	24 37	1 50	16 35	1 13	2 49	2 15	20 58	0 5	6 44	1 56	30 55	16 59	12 33	12 59	1 14		n.a.
M29	10 24	17 57	2 14	12 32	0 42	23 56	2 13	24 32	1 49	16 32	1 13	2 52	2 15	20 59	0 5	6 45	1 56	30 55	16 58	12 33	13 0	1 16		n.a.
T 30	10n45	15n45	1s12	12n 6	0s59	24n 9	2n15	24n27	1n48	16s29	1s13	2n55	2s15	21n 0	0n 5	6n46	1s56	30n55	16n58	12n33	13n 2	1s18		n.a.

Julian Day Number = 1268238.5, Delta T = 08h19m40s
Ecliptic obliquity = 23°50'24, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°12'00, Lahiri = -21°04'59 Julian Calendar 1 Apr. 1241 BCE == Greg. Calendar 21 March 1241 BCE

The year -1240 astronomical counting style corresponds to year 1241 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1241 BCE
geocentric

MAY 1241 BCE (-1240) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 51 0	28♈26'29	26♌11	3°R24	8♊43	18♋ 4	19♒19	12♈33	2♊ 6	21♈36	20°R19	27°R30	26♌ 3	11♎45	n.a.	W 1
T 2	13 54 57	29°23'39	8♍ 9	2♉52	9°51	18°34	19°28	12°41	2° 9	21°38	20♌19	27♌29	26° 0	11°52	n.a.	T 2
F 3	13 58 54	0♉20'48	20° 0	2°19	10°59	19° 4	19°37	12°49	2°13	21°41	20°18	27°27	25°57	11°59	n.a.	F 3
S 4	14 2 50	1°17'56	1♎49	1°45	12° 7	19°35	19°45	12°56	2°16	21°43	20°18	27°22	25°54	12° 5	n.a.	S 4
S 5	14 6 47	2°15'04	13°39	1°11	13°15	20° 6	19°54	13° 4	2°19	21°45	20°18	27°14	25°51	12°12	n.a.	S 5
M 6	14 10 43	3°12'11	25°31	0°38	14°22	20°37	20° 2	13°12	2°22	21°47	20°17	27° 4	25°47	12°19	n.a.	M 6
T 7	14 14 40	4° 9'17	7♏28	0° 6	15°30	21° 8	20°11	13°19	2°26	21°49	20°17	26°53	25°44	12°26	n.a.	T 7
W 8	14 18 36	5° 6'23	19°32	29♈35	16°37	21°40	20°19	13°27	2°29	21°52	20°17	26°41	25°41	12°32	n.a.	W 8
T 9	14 22 33	6° 3'29	1♐43	29° 7	17°45	22°11	20°27	13°34	2°32	21°54	20°17	26°29	25°38	12°39	n.a.	T 9
F 10	14 26 29	7° 0'34	14° 2	28°41	18°52	22°43	20°35	13°42	2°36	21°56	20°17	26°19	25°35	12°46	n.a.	F 10
S 11	14 30 26	7°57'39	26°32	28°18	19°59	23°15	20°43	13°49	2°39	21°58	20°17	26°10	25°32	12°52	n.a.	S 11
S 12	14 34 23	8°54'44	9♑14	27°58	21° 5	23°47	20°50	13°57	2°42	22° 0	20°D17	26° 4	25°28	12°59	n.a.	S 12
M13	14 38 19	9°51'49	22°11	27°43	22°12	24°19	20°58	14° 4	2°46	22° 3	20°17	26° 1	25°25	13° 6	n.a.	M13
T 14	14 42 16	10°48'54	5♒24	27°31	23°19	24°51	21° 5	14°12	2°49	22° 5	20°17	26° 0	25°22	13°12	n.a.	T 14
W15	14 46 12	11°45'58	18°57	27°24	24°25	25°24	21°13	14°19	2°53	22° 7	20°17	26° 0	25°19	13°19	n.a.	W15
T 16	14 50 9	12°43'03	2♓52	27°D21	25°31	25°56	21°20	14°26	2°56	22° 9	20°17	26° 0	25°16	13°26	n.a.	T 16
F 17	14 54 5	13°40'08	17° 9	27°23	26°37	26°29	21°27	14°34	3° 0	22°11	20°17	25°59	25°12	13°32	n.a.	F 17
S 18	14 58 2	14°37'13	1♈47	27°30	27°43	27° 2	21°33	14°41	3° 3	22°13	20°17	25°55	25° 9	13°39	n.a.	S 18
S 19	15 1 58	15°34'18	16°42	27°41	28°49	27°35	21°40	14°48	3° 7	22°15	20°18	25°49	25° 6	13°46	n.a.	S 19
M20	15 5 55	16°31'24	1♉46	27°57	29°54	28° 8	21°47	14°55	3°10	22°17	20°18	25°41	25° 3	13°52	n.a.	M20
T 21	15 9 52	17°28'29	16°50	28°18	0♋59	28°41	21°53	15° 2	3°14	22°19	20°18	25°30	25° 0	13°59	n.a.	T 21
W22	15 13 48	18°25'34	1♊44	28°44	2° 5	29°15	21°59	15° 9	3°17	22°22	20°18	25°19	24°57	14° 6	n.a.	W22
T 23	15 17 45	19°22'40	16°20	29°14	3°10	29°48	22° 5	15°17	3°21	22°24	20°19	25° 9	24°53	14°13	n.a.	T 23
F 24	15 21 41	20°19'45	0♋31	29°50	4°14	0♌22	22°11	15°24	3°24	22°26	20°19	25° 0	24°50	14°19	n.a.	F 24
S 25	15 25 38	21°16'50	14°13	0♉30	5°19	0°56	22°17	15°31	3°28	22°28	20°20	24°54	24°47	14°26	n.a.	S 25
S 26	15 29 34	22°13'56	27°26	1°14	6°23	1°30	22°22	15°37	3°32	22°30	20°20	24°51	24°44	14°33	n.a.	S 26
M27	15 33 31	23°11'00	10♌14	2° 4	7°27	2° 4	22°28	15°44	3°35	22°32	20°20	24°49	24°41	14°39	n.a.	M27
T 28	15 37 28	24° 8'05	22°39	2°57	8°31	2°38	22°33	15°51	3°39	22°34	20°21	24°49	24°38	14°46	n.a.	T 28
W29	15 41 24	25° 5'10	4♍48	3°56	9°35	3°12	22°38	15°58	3°42	22°36	20°21	24°49	24°34	14°53	n.a.	W29
T 30	15 45 21	26° 2'15	16°46	4°58	10°38	3°47	22°43	16° 5	3°46	22°38	20°22	24°48	24°31	14°59	n.a.	T 30
F 31	15 49 17	26♉59'20	28♍37	6♉ 5	11♋41	4♌22	22♒47	16♈11	3♊50	22♈40	20♌23	24♌45	24♌28	15♎ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	11n 6	12n53	0s 7	11n40	1s16	24n22	2n16	24n22	1n47	16s26	1s14	2n58	2s15	21n 0	0n 5	6n46	1s56	30n54	16n57	12n33	13n 3	1s20			n.a.
T 2	11 27	9 32	0n57	11 14	1 32	24 33	2 17	24 16	1 46	16 24	1 14	3 1	2 15	21 1	0 5	6 47	1 56	30 54	16 57	12 33	13 4	1 22			n.a.
F 3	11 47	5 49	1 57	10 47	1 49	24 45	2 18	24 11	1 44	16 21	1 14	3 4	2 15	21 2	0 5	6 48	1 56	30 54	16 56	12 34	13 5	1 24			n.a.
S 4	12 7	1 54	2 52	10 20	2 5	24 55	2 19	24 5	1 43	16 19	1 14	3 7	2 15	21 2	0 5	6 49	1 56	30 53	16 56	12 35	13 6	1 27			n.a.
S 5	12 27	2s 6	3 40	9 54	2 20	25 5	2 20	23 59	1 42	16 16	1 15	3 10	2 15	21 3	0 5	6 50	1 56	30 53	16 55	12 38	13 7	1 29			n.a.
M 6	12 47	6 2	4 18	9 29	2 34	25 14	2 21	23 53	1 41	16 14	1 15	3 13	2 15	21 4	0 5	6 51	1 56	30 53	16 55	12 41	13 8	1 31			n.a.
T 7	13 7	9 45	4 45	9 5	2 48	25 23	2 21	23 47	1 40	16 11	1 15	3 16	2 15	21 4	0 5	6 51	1 56	30 52	16 54	12 45	13 9	1 33			n.a.
W 8	13 26	13 6	5 0	8 42	3 0	25 30	2 22	23 41	1 39	16 9	1 16	3 19	2 15	21 5	0 5	6 52	1 56	30 52	16 54	12 50	13 10	1 35			n.a.
T 9	13 46	15 56	5 1	8 21	3 12	25 38	2 22	23 35	1 37	16 7	1 16	3 22	2 15	21 6	0 5	6 53	1 56	30 51	16 53	12 54	13 11	1 37			n.a.
F 10	14 5	18 6	4 48	8 2	3 22	25 44	2 23	23 28	1 36	16 4	1 16	3 25	2 15	21 6	0 5	6 54	1 56	30 51	16 53	12 57	13 12	1 39			n.a.
S 11	14 24	19 27	4 21	7 46	3 31	25 50	2 23	23 22	1 35	16 2	1 16	3 28	2 16	21 7	0 5	6 55	1 56	30 51	16 52	13 0	13 14	1 41			n.a.
S 12	14 42	19 50	3 41	7 31	3 39	25 55	2 23	23 15	1 34	16 0	1 17	3 31	2 16	21 8	0 5	6 56	1 56	30 50	16 52	13 2	13 15	1 43			n.a.
M13	15 1	19 12	2 49	7 20	3 46	25 59	2 23	23 8	1 33	15 58	1 17	3 34	2 16	21 8	0 5	6 56	1 56	30 50	16 51	13 3	13 16	1 45			n.a.
T 14	15 19	17 30	1 47	7 11	3 51	26 3	2 23	23 1	1 32	15 55	1 17	3 36	2 16	21 9	0 5	6 57	1 56	30 49	16 51	13 4	13 17	1 47			n.a.
W15	15 37	14 48	0 37	7 4	3 55	26 6	2 23	22 54	1 31	15 53	1 18	3 39	2 16	21 10	0 5	6 58	1 56	30 49	16 50	13 4	13 18	1 49			n.a.
T 16	15 55	11 11	0s36	7 1	3 57	26 8	2 23	22 47	1 30	15 51	1 18	3 42	2 16	21 10	0 5	6 59	1 56	30 48	16 50	13 4	13 19	1 51			n.a.
F 17	16 12	6 50	1 50	7 0	3 59	26 10	2 22	22 39	1 29	15 49	1 18	3 45	2 16	21 11	0 5	6 59	1 56	30 48	16 49	13 4	13 20	1 54			n.a.
S 18	16 30	1 59	2 57	7 2	3 59	26 11	2 22	22 32	1 27	15 47	1 18	3 48	2 16	21 12	0 5	7 0	1 56	30 47	16 49	13 5	13 21	1 56			n.a.
S 19	16 47	3n 4	3 54	7 7	3 58	26 11	2 21	22 24	1 26	15 45	1 19	3 50	2 16	21 13	0 5	7 1	1 56	30 46	16 48	13 7	13 22	1 58			n.a.
M20	17 3	7 59	4 35	7 15	3 56	26 11	2 20	22 16	1 25	15 44	1 19	3 53	2 16	21 13	0 5	7 2	1 56	30 46	16 48	13 10	13 23	2 0			n.a.
T 21	17 20	12 24	4 57	7 25	3 53	26 10	2 20	22 8	1 24	15 42	1 19	3 56	2 16	21 14	0 5	7 3	1 56	30 45	16 47	13 14	13 24	2 2			n.a.
W22	17 36	15 58	4 59	7 38	3 49	26 8	2 19	22 0	1 23	15 40	1 20	3 58	2 16	21 15	0 5	7 3	1 56	30 45	16 47	13 18	13 25	2 4			n.a.
T 23	17 52	18 28	4 41	7 54	3 44	26 5	2 17	21 52	1 22	15 38	1 20	4 1	2 17	21 15	0 5	7 4	1 56	30 44	16 46	13 21	13 27	2 6			n.a.
F 24	18 8	19 45	4 6	8 12	3 38	26 2	2 16	21 44	1 21	15 37	1 20	4 4	2 17	21 16	0 5	7 5	1 56	30 44	16 46	13 24	13 28	2 8			n.a.
S 25	18 23	19 48	3 17	8 32	3 31	25 59	2 15	21 35	1 20	15 35	1 21	4 6	2 17	21 17	0 5	7 6	1 56	30 43	16 45	13 26	13 29	2 10			n.a.
S 26	18 38	18 45	2 20	8 55	3 24	25 54	2 13	21 27	1 19	15 34	1 21	4 9	2 17	21 17	0 5	7 6	1 56	30 42	16 45	13 27	13 30	2 12			n.a.
M27	18 53	16 45	1 16	9 20	3 16	25 49	2 12	21 18	1 18	15 32	1 21	4 12	2 17	21 18	0 5	7 7	1 56	30 42	16 44	13 28	13 31	2 14			n.a.
T 28	19 7	14 1	0 11	9 47	3 7	25 43	2 10	21 9	1 17	15 31	1 22	4 14	2 17	21 19	0 5	7 8	1 56	30 41	16 44	13 28	13 32	2 17			n.a.
W29	19 21	10 43	0n53	10 16	2 57	25 37	2 8	21 0	1 16	15 29	1 22	4 17	2 17	21 20	0 5	7 8	1 56	30 40	16 43	13 28	13 33	2 19			n.a.
T 30	19 35	7 3	1 53	10 46	2 47	25 30	2 6	20 50	1 15	15 28	1 22	4 19	2 17	21 20	0 5	7 9	1 56	30 40	16 43	13 28	13 34	2 21			n.a.
F 31	19n49	3n 8	2n49	11n19	2s37	25n22	2n 4	20n41	1n14	15s27	1s23	4n22	2s17	21n21	0n 5	7n10	1s56	30n39	16n42	13n29	13n35	2s23			n.a.

Julian Day Number = 1268268.5, Delta T = 08h19m39s
Ecliptic obliquity = 23°50'24, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'56, Lahiri = -21°04'55 Julian Calendar 1 May 1241 BCE == Greg. Calendar 20 Apr. 1241 BCE

The year -1240 astronomical counting style corresponds to year 1241 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1241 BCE
geocentric

JUNE 1241 BCE (-1240) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 53 14	27♉56'24	10♎26	7♉17	12♋44	4♌56	22♒52	16♈18	3♊53	22♈41	20♌23	24°R39	24♌25	15♎13	n.a.	S 1
S 2	15 57 10	28°53'29	22°17	8°32	13°47	5°31	22°56	16°25	3°57	22°43	20°24	24♌31	24°22	15°19	n.a.	S 2
M 3	16 1 7	29°50'35	4♏14	9°52	14°49	6° 6	23° 0	16°31	4° 1	22°45	20°25	24°21	24°18	15°26	n.a.	M 3
T 4	16 5 3	0♊47'40	16°19	11°16	15°51	6°41	23° 4	16°38	4° 4	22°47	20°25	24° 8	24°15	15°33	n.a.	T 4
W 5	16 9 0	1°44'47	28°33	12°44	16°53	7°16	23° 8	16°44	4° 8	22°49	20°26	23°55	24°12	15°40	n.a.	W 5
T 6	16 12 57	2°41'53	10♐57	14°16	17°55	7°52	23°12	16°50	4°11	22°51	20°27	23°42	24° 9	15°46	n.a.	T 6
F 7	16 16 53	3°39'00	23°32	15°52	18°56	8°27	23°15	16°57	4°15	22°53	20°28	23°31	24° 6	15°53	n.a.	F 7
S 8	16 20 50	4°36'08	6♑17	17°31	19°57	9° 3	23°18	17° 3	4°19	22°54	20°29	23°22	24° 3	16° 0	n.a.	S 8
S 9	16 24 46	5°33'17	19°13	19°14	20°57	9°38	23°22	17° 9	4°22	22°56	20°30	23°15	23°59	16° 6	n.a.	S 9
M10	16 28 43	6°30'27	2♒21	21° 1	21°57	10°14	23°24	17°15	4°26	22°58	20°30	23°12	23°56	16°13	n.a.	M10
T 11	16 32 39	7°27'37	15°43	22°50	22°57	10°50	23°27	17°21	4°30	23° 0	20°31	23°10	23°53	16°20	n.a.	T 11
W12	16 36 36	8°24'48	29°18	24°43	23°57	11°26	23°30	17°27	4°33	23° 1	20°32	23°D10	23°50	16°26	n.a.	W12
T 13	16 40 32	9°22'01	13♓ 9	26°38	24°56	12° 2	23°32	17°33	4°37	23° 3	20°33	23°R10	23°47	16°33	n.a.	T 13
F 14	16 44 29	10°19'14	27°16	28°36	25°55	12°38	23°34	17°39	4°41	23° 5	20°34	23° 9	23°44	16°40	n.a.	F 14
S 15	16 48 26	11°16'28	11♈39	0♊36	26°53	13°14	23°36	17°45	4°44	23° 6	20°35	23° 6	23°40	16°46	n.a.	S 15
S 16	16 52 22	12°13'44	26°14	2°37	27°52	13°51	23°38	17°50	4°48	23° 8	20°37	23° 1	23°37	16°53	n.a.	S 16
M17	16 56 19	13°11'01	10♉56	4°40	28°49	14°27	23°40	17°56	4°52	23° 9	20°38	22°53	23°34	17° 0	n.a.	M17
T 18	17 0 15	14° 8'18	25°40	6°45	29°46	15° 4	23°41	18° 2	4°55	23°11	20°39	22°44	23°31	17° 7	n.a.	T 18
W19	17 4 12	15° 5'37	10♊17	8°50	0♌43	15°41	23°42	18° 7	4°59	23°13	20°40	22°33	23°28	17°13	n.a.	W19
T 20	17 8 8	16° 2'57	24°40	10°56	1°40	16°17	23°43	18°13	5° 2	23°14	20°41	22°24	23°24	17°20	n.a.	T 20
F 21	17 12 5	17° 0'18	8♋42	13° 2	2°36	16°54	23°44	18°18	5° 6	23°16	20°43	22°16	23°21	17°27	n.a.	F 21
S 22	17 16 2	17°57'40	22°20	15° 8	3°31	17°31	23°45	18°23	5°10	23°17	20°44	22°10	23°18	17°33	n.a.	S 22
S 23	17 19 58	18°55'03	5♌32	17°14	4°26	18° 8	23°45	18°29	5°13	23°19	20°45	22° 6	23°15	17°40	n.a.	S 23
M24	17 23 55	19°52'26	18°20	19°19	5°21	18°46	23°45	18°34	5°17	23°20	20°46	22°D 5	23°12	17°47	n.a.	M24
T 25	17 27 51	20°49'50	0♍48	21°23	6°14	19°23	23°R45	18°39	5°20	23°21	20°48	22° 5	23° 9	17°53	n.a.	T 25
W26	17 31 48	21°47'15	12°58	23°27	7° 8	20° 1	23°45	18°44	5°24	23°23	20°49	22° 6	23° 5	18° 0	n.a.	W26
T 27	17 35 44	22°44'42	24°57	25°29	8° 1	20°38	23°45	18°49	5°27	23°24	20°51	22°R 6	23° 2	18° 7	n.a.	T 27
F 28	17 39 41	23°42'08	6♎49	27°31	8°53	21°16	23°44	18°54	5°31	23°25	20°52	22° 5	22°59	18°14	n.a.	F 28
S 29	17 43 37	24°39'36	18°40	29°31	9°44	21°53	23°43	18°58	5°34	23°27	20°54	22° 2	22°56	18°20	n.a.	S 29
S 30	17 47 34	25♊37'05	0♏35	1♋30	10♌35	22♌31	23♒42	19♈ 3	5♊38	23♈28	20♌55	21♌57	22♌53	18♎27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 2	0s53	3n36	11n53	2s26	25n14	2n 1	20n32	1n13	15s26	1s23	4n24	2s18	21n22	0n 5	7n11	1s56	30n38	16n42	13n31	13n36	2s25		n.a.
S 2	20 15	4 53	4 15	12 28	2 14	25 5	1 59	20 22	1 12	15 24	1 23	4 27	2 18	21 22	0 5	7 11	1 56	30 38	16 41	13 34	13 37	2 27		n.a.
M 3	20 27	8 43	4 42	13 5	2 3	24 56	1 56	20 12	1 11	15 23	1 24	4 29	2 18	21 23	0 5	7 12	1 56	30 37	16 41	13 38	13 38	2 29		n.a.
T 4	20 40	12 15	4 57	13 43	1 51	24 46	1 54	20 2	1 10	15 22	1 24	4 31	2 18	21 24	0 5	7 13	1 56	30 36	16 40	13 42	13 39	2 31		n.a.
W 5	20 51	15 18	4 59	14 22	1 38	24 35	1 51	19 52	1 9	15 21	1 24	4 34	2 18	21 25	0 5	7 13	1 56	30 35	16 40	13 46	13 41	2 33		n.a.
T 6	21 3	17 44	4 47	15 1	1 26	24 24	1 48	19 42	1 8	15 20	1 25	4 36	2 18	21 25	0 5	7 14	1 56	30 35	16 39	13 51	13 42	2 35		n.a.
F 7	21 14	19 20	4 21	15 42	1 13	24 12	1 44	19 32	1 7	15 20	1 25	4 38	2 18	21 26	0 5	7 14	1 56	30 34	16 39	13 54	13 43	2 37		n.a.
S 8	21 25	20 1	3 41	16 22	1 1	24 0	1 41	19 21	1 6	15 19	1 25	4 41	2 18	21 27	0 5	7 15	1 56	30 33	16 38	13 57	13 44	2 40		n.a.
S 9	21 35	19 39	2 49	17 3	0 48	23 47	1 38	19 11	1 5	15 18	1 26	4 43	2 19	21 27	0 5	7 16	1 57	30 32	16 38	14 0	13 45	2 42		n.a.
M10	21 45	18 13	1 48	17 44	0 36	23 34	1 34	19 0	1 4	15 17	1 26	4 45	2 19	21 28	0 5	7 16	1 57	30 32	16 37	14 1	13 46	2 44		n.a.
T 11	21 55	15 46	0 39	18 25	0 23	23 20	1 30	18 49	1 3	15 17	1 26	4 47	2 19	21 29	0 5	7 17	1 57	30 31	16 37	14 1	13 47	2 46		n.a.
W12	22 5	12 25	0s33	19 5	0 11	23 5	1 26	18 38	1 2	15 16	1 27	4 50	2 19	21 29	0 5	7 18	1 57	30 30	16 36	14 1	13 48	2 48		n.a.
T 13	22 14	8 19	1 44	19 44	0n 1	22 51	1 22	18 27	1 1	15 16	1 27	4 52	2 19	21 30	0 5	7 18	1 57	30 29	16 36	14 1	13 49	2 50		n.a.
F 14	22 22	3 42	2 50	20 22	0 12	22 35	1 18	18 15	1 0	15 15	1 27	4 54	2 19	21 31	0 5	7 19	1 57	30 29	16 35	14 2	13 50	2 52		n.a.
S 15	22 30	1n12	3 47	20 59	0 23	22 20	1 13	18 4	0 59	15 15	1 28	4 56	2 20	21 31	0 5	7 19	1 57	30 28	16 35	14 3	13 51	2 54		n.a.
S 16	22 38	6 6	4 30	21 35	0 33	22 4	1 9	17 52	0 58	15 15	1 28	4 58	2 20	21 32	0 5	7 20	1 57	30 27	16 34	14 4	13 52	2 56		n.a.
M17	22 46	10 40	4 56	22 8	0 43	21 47	1 4	17 41	0 57	15 15	1 28	5 0	2 20	21 33	0 5	7 20	1 57	30 26	16 34	14 7	13 53	2 58		n.a.
T 18	22 53	14 37	5 2	22 40	0 53	21 30	0 59	17 29	0 56	15 14	1 29	5 2	2 20	21 33	0 5	7 21	1 57	30 25	16 34	14 10	13 54	3 1		n.a.
W19	22 59	17 37	4 48	23 9	1 1	21 13	0 54	17 17	0 55	15 14	1 29	5 4	2 20	21 34	0 5	7 22	1 57	30 24	16 33	14 14	13 55	3 3		n.a.
T 20	23 6	19 28	4 16	23 36	1 9	20 55	0 49	17 5	0 54	15 14	1 29	5 6	2 20	21 35	0 5	7 22	1 57	30 24	16 33	14 17	13 57	3 5		n.a.
F 21	23 12	20 4	3 30	24 0	1 16	20 37	0 43	16 53	0 53	15 14	1 30	5 8	2 21	21 35	0 5	7 23	1 57	30 23	16 32	14 19	13 58	3 7		n.a.
S 22	23 17	19 28	2 32	24 22	1 23	20 18	0 38	16 40	0 52	15 15	1 30	5 10	2 21	21 36	0 5	7 23	1 57	30 22	16 32	14 21	13 59	3 9		n.a.
S 23	23 22	17 48	1 27	24 41	1 29	19 59	0 32	16 28	0 51	15 15	1 30	5 12	2 21	21 37	0 5	7 24	1 57	30 21	16 31	14 22	14 0	3 11		n.a.
M24	23 27	15 16	0 20	24 57	1 34	19 40	0 26	16 15	0 51	15 15	1 31	5 13	2 21	21 37	0 5	7 24	1 57	30 20	16 31	14 23	14 1	3 13		n.a.
T 25	23 31	12 6	0n46	25 11	1 38	19 21	0 20	16 2	0 50	15 15	1 31	5 15	2 21	21 38	0 5	7 25	1 57	30 19	16 30	14 23	14 2	3 15		n.a.
W26	23 35	8 29	1 49	25 22	1 42	19 1	0 14	15 49	0 49	15 16	1 31	5 17	2 22	21 39	0 5	7 25	1 57	30 18	16 30	14 23	14 3	3 17		n.a.
T 27	23 38	4 35	2 46	25 30	1 45	18 41	0 7	15 36	0 48	15 16	1 32	5 19	2 22	21 39	0 5	7 25	1 57	30 17	16 30	14 22	14 4	3 19		n.a.
F 28	23 41	0 33	3 36	25 36	1 47	18 21	0 1	15 23	0 47	15 17	1 32	5 20	2 22	21 40	0 5	7 26	1 57	30 17	16 29	14 23	14 5	3 22		n.a.
S 29	23 44	3s30	4 16	25 39	1 48	18 1	0s 6	15 10	0 46	15 17	1 32	5 22	2 22	21 41	0 5	7 26	1 57	30 16	16 29	14 24	14 6	3 24		n.a.
S 30	23n46	7s25	4n45	25n39	1n49	17n40	0s13	14n57	0n45	15s18	1s33	5n23	2s22	21n41	0n 5	7n27	1s58	30n15	16n28	14n25	14n 7	3s26		n.a.

Julian Day Number = 1268299.5, Delta T = 08h19m37s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'52, Lahiri = -21°04'51 Julian Calendar 1 June 1241 BCE == Greg. Calendar 21 May 1241 BCE

The year -1240 astronomical counting style corresponds to year 1241 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1241 BCE
geocentric

JULY 1241 BCE (-1240) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 51 31	26♊34'35	12♏36	3♋28	11♌25	23♌ 9	23°R41	19♈ 8	5♊41	23♈29	20♌57	21°R50	22♌49	18♎34	n.a.	M 1
T 2	17 55 27	27°32'07	24°48	5°24	12°15	23°47	23♒40	19°12	5°45	23°30	20°58	21♌41	22°46	18°40	n.a.	T 2
W 3	17 59 24	28°29'39	7♐12	7°19	13° 4	24°25	23°38	19°17	5°48	23°32	21° 0	21°32	22°43	18°47	n.a.	W 3
T 4	18 3 20	29°27'13	19°50	9°12	13°52	25° 3	23°36	19°21	5°52	23°33	21° 1	21°22	22°40	18°54	n.a.	T 4
F 5	18 7 17	0♋24'48	2♑42	11° 4	14°39	25°42	23°34	19°25	5°55	23°34	21° 3	21°14	22°37	19° 0	n.a.	F 5
S 6	18 11 13	1°22'25	15°47	12°54	15°26	26°20	23°32	19°29	5°58	23°35	21° 4	21° 8	22°34	19° 7	n.a.	S 6
S 7	18 15 10	2°20'03	29° 5	14°43	16°11	26°59	23°30	19°33	6° 2	23°36	21° 6	21° 3	22°30	19°14	n.a.	S 7
M 8	18 19 6	3°17'42	12♒33	16°31	16°56	27°37	23°27	19°37	6° 5	23°37	21° 8	21° 1	22°27	19°21	n.a.	M 8
T 9	18 23 3	4°15'24	26°13	18°17	17°40	28°16	23°25	19°41	6° 9	23°38	21°10	21°D 1	22°24	19°27	n.a.	T 9
W10	18 27 0	5°13'07	10♓ 1	20° 1	18°23	28°55	23°22	19°45	6°12	23°39	21°11	21° 2	22°21	19°34	n.a.	W10
T 11	18 30 56	6°10'52	23°59	21°44	19° 5	29°33	23°19	19°49	6°15	23°40	21°13	21° 3	22°18	19°41	n.a.	T 11
F 12	18 34 53	7° 8'39	8♈ 5	23°26	19°46	0♍12	23°15	19°53	6°18	23°41	21°15	21°R 4	22°15	19°47	n.a.	F 12
S 13	18 38 49	8° 6'27	22°18	25° 6	20°26	0°51	23°12	19°56	6°22	23°42	21°17	21° 3	22°11	19°54	n.a.	S 13
S 14	18 42 46	9° 4'18	6♉36	26°45	21° 5	1°31	23° 8	19°59	6°25	23°43	21°18	21° 0	22° 8	20° 1	n.a.	S 14
M15	18 46 42	10° 2'10	20°56	28°23	21°42	2°10	23° 4	20° 3	6°28	23°43	21°20	20°56	22° 5	20° 7	n.a.	M15
T 16	18 50 39	11° 0'05	5♊13	29°59	22°19	2°49	23° 0	20° 6	6°31	23°44	21°22	20°50	22° 2	20°14	n.a.	T 16
W17	18 54 35	11°58'02	19°24	1♌34	22°54	3°28	22°56	20° 9	6°34	23°45	21°24	20°44	21°59	20°21	n.a.	W17
T 18	18 58 32	12°56'00	3♋22	3° 8	23°28	4° 8	22°52	20°12	6°38	23°46	21°26	20°38	21°55	20°28	n.a.	T 18
F 19	19 2 29	13°54'00	17° 5	4°40	24° 1	4°47	22°47	20°15	6°41	23°46	21°28	20°33	21°52	20°34	n.a.	F 19
S 20	19 6 25	14°52'02	0♌29	6°11	24°33	5°27	22°43	20°18	6°44	23°47	21°30	20°30	21°49	20°41	n.a.	S 20
S 21	19 10 22	15°50'06	13°32	7°40	25° 3	6° 7	22°38	20°21	6°47	23°48	21°32	20°28	21°46	20°48	n.a.	S 21
M22	19 14 18	16°48'11	26°16	9° 8	25°31	6°47	22°33	20°23	6°50	23°48	21°34	20°D28	21°43	20°54	n.a.	M22
T 23	19 18 15	17°46'17	8♍42	10°35	25°58	7°27	22°27	20°26	6°53	23°49	21°36	20°29	21°40	21° 1	n.a.	T 23
W24	19 22 11	18°44'26	20°52	12° 0	26°24	8° 7	22°22	20°28	6°56	23°49	21°38	20°31	21°36	21° 8	n.a.	W24
T 25	19 26 8	19°42'36	2♎52	13°24	26°47	8°47	22°16	20°31	6°59	23°50	21°40	20°33	21°33	21°15	n.a.	T 25
F 26	19 30 4	20°40'48	14°45	14°46	27°10	9°27	22°11	20°33	7° 1	23°50	21°42	20°34	21°30	21°21	n.a.	F 26
S 27	19 34 1	21°39'01	26°37	16° 7	27°30	10° 7	22° 5	20°35	7° 4	23°51	21°44	20°R34	21°27	21°28	n.a.	S 27
S 28	19 37 58	22°37'16	8♏33	17°26	27°48	10°48	21°59	20°37	7° 7	23°51	21°46	20°33	21°24	21°35	n.a.	S 28
M29	19 41 54	23°35'32	20°36	18°44	28° 5	11°28	21°53	20°39	7°10	23°52	21°48	20°30	21°21	21°41	n.a.	M29
T 30	19 45 51	24°33'51	2♐51	20° 0	28°19	12° 8	21°47	20°41	7°13	23°52	21°50	20°27	21°17	21°48	n.a.	T 30
W31	19 49 47	25♋32'11	15♐22	21♌15	28♌32	12♍49	21♒40	20♈43	7♊15	23♈52	21♌52	20♌23	21♌14	21♎55	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n48	11s 5	5n 2	25n37	1n49	17n19	0s20	14n43	0n44	15s19	1s33	5n25	2s23	21n42	0n 5	7n27	1s58	30n14	16n28	14n28	14n 8	3s28			n.a.
T 2	23 49	14 21	5 5	25 33	1 49	16 58	0 28	14 30	0 43	15 19	1 33	5 27	2 23	21 43	0 5	7 28	1 58	30 13	16 28	14 31	14 9	3 30			n.a.
W 3	23 50	17 2	4 54	25 26	1 48	16 37	0 35	14 16	0 42	15 20	1 34	5 28	2 23	21 43	0 5	7 28	1 58	30 12	16 27	14 34	14 10	3 32			n.a.
T 4	23 50	18 58	4 29	25 17	1 47	16 16	0 43	14 2	0 41	15 21	1 34	5 30	2 23	21 44	0 5	7 28	1 58	30 11	16 27	14 37	14 11	3 34			n.a.
F 5	23 50	19 59	3 50	25 6	1 45	15 54	0 51	13 48	0 40	15 22	1 34	5 31	2 23	21 45	0 5	7 29	1 58	30 10	16 26	14 40	14 12	3 36			n.a.
S 6	23 50	19 57	2 58	24 54	1 42	15 33	0 59	13 34	0 40	15 23	1 35	5 32	2 24	21 45	0 5	7 29	1 58	30 9	16 26	14 42	14 13	3 38			n.a.
S 7	23 49	18 48	1 56	24 39	1 39	15 11	1 7	13 20	0 39	15 24	1 35	5 34	2 24	21 46	0 5	7 29	1 58	30 8	16 26	14 43	14 14	3 40			n.a.
M 8	23 48	16 36	0 46	24 23	1 36	14 49	1 15	13 5	0 38	15 25	1 35	5 35	2 24	21 46	0 5	7 30	1 58	30 8	16 25	14 44	14 16	3 43			n.a.
T 9	23 46	13 26	0s28	24 5	1 32	14 28	1 24	12 51	0 37	15 27	1 36	5 36	2 24	21 47	0 5	7 30	1 58	30 7	16 25	14 44	14 17	3 45			n.a.
W10	23 44	9 29	1 41	23 46	1 28	14 6	1 33	12 36	0 36	15 28	1 36	5 38	2 24	21 48	0 5	7 30	1 58	30 6	16 25	14 43	14 18	3 47			n.a.
T 11	23 42	5 0	2 49	23 25	1 23	13 44	1 42	12 22	0 35	15 29	1 36	5 39	2 25	21 48	0 5	7 31	1 58	30 5	16 24	14 43	14 19	3 49			n.a.
F 12	23 39	0 12	3 47	23 3	1 18	13 23	1 51	12 7	0 34	15 31	1 37	5 40	2 25	21 49	0 5	7 31	1 58	30 4	16 24	14 43	14 20	3 51			n.a.
S 13	23 35	4n38	4 32	22 39	1 13	13 1	2 0	11 52	0 33	15 32	1 37	5 41	2 25	21 49	0 5	7 31	1 58	30 3	16 24	14 43	14 21	3 53			n.a.
S 14	23 31	9 14	5 0	22 15	1 7	12 40	2 10	11 37	0 32	15 34	1 37	5 42	2 25	21 50	0 5	7 31	1 58	30 2	16 23	14 44	14 22	3 55			n.a.
M15	23 27	13 19	5 10	21 49	1 1	12 18	2 20	11 22	0 32	15 35	1 38	5 43	2 26	21 50	0 5	7 32	1 58	30 1	16 23	14 45	14 23	3 57			n.a.
T 16	23 22	16 37	5 0	21 23	0 55	11 57	2 30	11 7	0 31	15 37	1 38	5 44	2 26	21 51	0 5	7 32	1 58	30 0	16 23	14 47	14 24	3 59			n.a.
W17	23 17	18 53	4 32	20 55	0 48	11 36	2 40	10 52	0 30	15 39	1 38	5 45	2 26	21 52	0 5	7 32	1 59	29 59	16 22	14 49	14 25	4 2			n.a.
T 18	23 12	20 0	3 48	20 27	0 41	11 15	2 50	10 36	0 29	15 40	1 39	5 46	2 26	21 52	0 6	7 32	1 59	29 58	16 22	14 51	14 26	4 4			n.a.
F 19	23 6	19 53	2 52	19 58	0 34	10 54	3 0	10 21	0 28	15 42	1 39	5 47	2 26	21 53	0 6	7 33	1 59	29 57	16 22	14 53	14 27	4 6			n.a.
S 20	23 0	18 39	1 47	19 28	0 27	10 34	3 11	10 5	0 27	15 44	1 39	5 48	2 27	21 53	0 6	7 33	1 59	29 56	16 22	14 54	14 28	4 8			n.a.
S 21	22 53	16 26	0 38	18 58	0 19	10 14	3 22	9 50	0 26	15 46	1 39	5 49	2 27	21 54	0 6	7 33	1 59	29 55	16 21	14 54	14 29	4 10			n.a.
M22	22 46	13 28	0n32	18 27	0 12	9 54	3 33	9 34	0 25	15 48	1 40	5 50	2 27	21 54	0 6	7 33	1 59	29 54	16 21	14 54	14 30	4 12			n.a.
T 23	22 38	9 57	1 38	17 56	0 4	9 34	3 44	9 18	0 25	15 50	1 40	5 51	2 27	21 55	0 6	7 33	1 59	29 53	16 21	14 54	14 31	4 14			n.a.
W24	22 30	6 6	2 39	17 25	0s 4	9 15	3 55	9 2	0 24	15 52	1 40	5 51	2 28	21 55	0 6	7 33	1 59	29 53	16 20	14 53	14 32	4 16			n.a.
T 25	22 22	2 4	3 31	16 53	0 13	8 56	4 6	8 46	0 23	15 54	1 40	5 52	2 28	21 56	0 6	7 34	1 59	29 52	16 20	14 53	14 33	4 18			n.a.
F 26	22 13	2s 0	4 15	16 21	0 21	8 38	4 18	8 30	0 22	15 56	1 41	5 53	2 28	21 56	0 6	7 34	1 59	29 51	16 20	14 53	14 34	4 21			n.a.
S 27	22 4	5 59	4 47	15 48	0 29	8 20	4 29	8 14	0 21	15 58	1 41	5 53	2 28	21 57	0 6	7 34	1 59	29 50	16 20	14 53	14 35	4 23			n.a.
S 28	21 54	9 45	5 7	15 16	0 38	8 3	4 41	7 57	0 20	16 0	1 41	5 54	2 29	21 57	0 6	7 34	1 59	29 49	16 20	14 53	14 36	4 25			n.a.
M29	21 44	13 10	5 14	14 43	0 47	7 46	4 53	7 41	0 19	16 3	1 41	5 54	2 29	21 58	0 6	7 34	1 59	29 48	16 19	14 54	14 37	4 27			n.a.
T 30	21 34	16 4	5 6	14 11	0 56	7 30	5 5	7 24	0 19	16 5	1 42	5 55	2 29	21 58	0 6	7 34	1 59	29 47	16 19	14 55	14 38	4 29			n.a.
W31	21n23	18s18	4n45	13n38	1s 5	7n14	5s16	7n 8	0n18	16s 7	1s42	5n55	2s29	21n59	0n 6	7n34	1s59	29n46	16n19	14n56	14n40	4s31			n.a.

Julian Day Number = 1268329.5, Delta T = 08h19m35s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'48, Lahiri = -21°04'47 Julian Calendar 1 July 1241 BCE == Greg. Calendar 20 June 1241 BCE

The year -1240 astronomical counting style corresponds to year 1241 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1241 BCE
geocentric

AUGUST 1241 BCE (-1240) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 53 44	26♋30'33	28♐10	22♌27	28♌42	13♍30	21°R34	20♈44	7♊18	23♈52	21♌54	20°R19	21♌11	22♎ 1	n.a.	T 1
F 2	19 57 40	27°28'57	11♑16	23°38	28°51	14°10	21♒27	20°46	7°21	23°53	21°57	20♌16	21° 8	22° 8	n.a.	F 2
S 3	20 1 37	28°27'23	24°41	24°47	28°57	14°51	21°20	20°47	7°23	23°53	21°59	20°13	21° 5	22°15	n.a.	S 3
S 4	20 5 33	29°25'51	8♒22	25°53	29° 1	15°32	21°13	20°48	7°26	23°53	22° 1	20°12	21° 1	22°22	n.a.	S 4
M 5	20 9 30	0♌24'21	22°17	26°58	29°R 2	16°13	21° 6	20°50	7°28	23°53	22° 3	20°D12	20°58	22°28	n.a.	M 5
T 6	20 13 27	1°22'53	6♓22	28° 0	29° 2	16°54	20°59	20°51	7°31	23°53	22° 5	20°12	20°55	22°35	n.a.	T 6
W 7	20 17 23	2°21'27	20°34	29° 0	28°59	17°35	20°52	20°52	7°33	23°53	22° 8	20°13	20°52	22°42	n.a.	W 7
T 8	20 21 20	3°20'03	4♈50	29°57	28°53	18°17	20°45	20°52	7°36	23°R53	22°10	20°15	20°49	22°48	n.a.	T 8
F 9	20 25 16	4°18'42	19° 7	0♍51	28°45	18°58	20°37	20°53	7°38	23°53	22°12	20°16	20°46	22°55	n.a.	F 9
S 10	20 29 13	5°17'24	3♉21	1°42	28°35	19°39	20°30	20°54	7°41	23°53	22°14	20°R16	20°42	23° 2	n.a.	S 10
S 11	20 33 9	6°16'07	17°30	2°30	28°23	20°21	20°22	20°54	7°43	23°53	22°16	20°16	20°39	23° 9	n.a.	S 11
M12	20 37 6	7°14'54	1♊33	3°15	28° 8	21° 2	20°15	20°55	7°45	23°53	22°19	20°15	20°36	23°15	n.a.	M12
T 13	20 41 2	8°13'42	15°27	3°56	27°51	21°44	20° 7	20°55	7°47	23°53	22°21	20°14	20°33	23°22	n.a.	T 13
W14	20 44 59	9°12'34	29°10	4°32	27°31	22°26	19°59	20°55	7°50	23°53	22°23	20°12	20°30	23°29	n.a.	W14
T 15	20 48 55	10°11'27	12♋41	5° 5	27°10	23° 7	19°52	20°R55	7°52	23°53	22°26	20°11	20°27	23°35	n.a.	T 15
F 16	20 52 52	11°10'23	25°59	5°32	26°46	23°49	19°44	20°55	7°54	23°52	22°28	20°10	20°23	23°42	n.a.	F 16
S 17	20 56 49	12° 9'21	9♌ 2	5°55	26°20	24°31	19°36	20°55	7°56	23°52	22°30	20° 9	20°20	23°49	n.a.	S 17
S 18	21 0 45	13° 8'21	21°49	6°12	25°53	25°13	19°28	20°55	7°58	23°52	22°32	20°D 9	20°17	23°56	n.a.	S 18
M19	21 4 42	14° 7'23	4♍22	6°23	25°23	25°55	19°20	20°54	8° 0	23°52	22°35	20° 9	20°14	24° 2	n.a.	M19
T 20	21 8 38	15° 6'27	16°41	6°R27	24°53	26°38	19°12	20°54	8° 2	23°51	22°37	20°10	20°11	24° 9	n.a.	T 20
W21	21 12 35	16° 5'33	28°49	6°25	24°20	27°20	19° 4	20°53	8° 4	23°51	22°39	20°10	20° 7	24°16	n.a.	W21
T 22	21 16 31	17° 4'42	10♎47	6°16	23°46	28° 2	18°56	20°52	8° 5	23°50	22°42	20°11	20° 4	24°22	n.a.	T 22
F 23	21 20 28	18° 3'52	22°40	5°59	23°12	28°45	18°48	20°51	8° 7	23°50	22°44	20°11	20° 1	24°29	n.a.	F 23
S 24	21 24 24	19° 3'04	4♏32	5°35	22°36	29°27	18°40	20°51	8° 9	23°49	22°46	20°11	19°58	24°36	n.a.	S 24
S 25	21 28 21	20° 2'18	16°26	5° 3	22° 0	0♎10	18°32	20°49	8°11	23°49	22°49	20°11	19°55	24°42	n.a.	S 25
M26	21 32 17	21° 1'34	28°28	4°23	21°24	0°52	18°24	20°48	8°12	23°48	22°51	20°11	19°52	24°49	n.a.	M26
T 27	21 36 14	22° 0'52	10♐42	3°36	20°47	1°35	18°15	20°47	8°14	23°48	22°53	20°11	19°48	24°56	n.a.	T 27
W28	21 40 11	23° 0'12	23°12	2°42	20°10	2°18	18° 7	20°46	8°15	23°47	22°56	20°11	19°45	25° 3	n.a.	W28
T 29	21 44 7	23°59'34	6♑ 3	1°41	19°34	3° 1	17°59	20°44	8°17	23°46	22°58	20°12	19°42	25° 9	n.a.	T 29
F 30	21 48 4	24°58'58	19°15	0°35	18°59	3°44	17°52	20°43	8°18	23°46	23° 0	20°12	19°39	25°16	n.a.	F 30
S 31	21 52 0	25♌58'24	2♒52	29♌26	18♌24	4♎27	17♒44	20♈41	8♊20	23♈45	23♌ 3	20♌13	19♌36	25♎23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21n12	19s41	4n 8	13n 6	1s13	7n 0	5s28	6n51	0n17	16s10	1s42	5n55	2s30	21n59	0n 6	7n34	1s59	29n45	16n19	14n57	14n41	4s33		n.a.	T 1
F 2	21 1	20 4	3 18	12 34	1 22	6 45	5 40	6 35	0 16	16 12	1 42	5 56	2 30	22 0	0 6	7 34	2 0	29 44	16 19	14 58	14 42	4 35		n.a.	F 2
S 3	20 49	19 19	2 16	12 3	1 31	6 32	5 52	6 18	0 15	16 14	1 43	5 56	2 30	22 0	0 6	7 34	2 0	29 43	16 18	14 59	14 43	4 37		n.a.	S 3
S 4	20 37	17 26	1 5	11 32	1 41	6 20	6 4	6 1	0 14	16 17	1 43	5 56	2 30	22 1	0 6	7 34	2 0	29 42	16 18	15 0	14 44	4 40		n.a.	S 4
M 5	20 24	14 30	0s11	11 1	1 50	6 8	6 16	5 44	0 14	16 19	1 43	5 57	2 31	22 1	0 6	7 34	2 0	29 41	16 18	15 0	14 45	4 42		n.a.	M 5
T 6	20 11	10 41	1 28	10 31	1 58	5 57	6 28	5 27	0 13	16 22	1 43	5 57	2 31	22 1	0 6	7 34	2 0	29 40	16 18	15 0	14 46	4 44		n.a.	T 6
W 7	19 58	6 14	2 40	10 2	2 7	5 47	6 39	5 10	0 12	16 24	1 43	5 57	2 31	22 2	0 6	7 34	2 0	29 39	16 18	14 59	14 47	4 46		n.a.	W 7
T 8	19 44	1 26	3 42	9 33	2 16	5 38	6 51	4 53	0 11	16 27	1 44	5 57	2 31	22 2	0 6	7 34	2 0	29 39	16 18	14 59	14 48	4 48		n.a.	T 8
F 9	19 30	3n26	4 31	9 6	2 25	5 31	7 2	4 36	0 10	16 30	1 44	5 57	2 31	22 3	0 6	7 34	2 0	29 38	16 17	14 59	14 49	4 50		n.a.	F 9
S 10	19 16	8 6	5 3	8 40	2 34	5 24	7 13	4 18	0 10	16 32	1 44	5 57	2 32	22 3	0 6	7 34	2 0	29 37	16 17	14 58	14 50	4 52		n.a.	S 10
S 11	19 1	12 17	5 16	8 14	2 42	5 18	7 24	4 1	0 9	16 35	1 44	5 57	2 32	22 3	0 6	7 34	2 0	29 36	16 17	14 58	14 51	4 54		n.a.	S 11
M12	18 46	15 45	5 10	7 51	2 50	5 14	7 34	3 44	0 8	16 37	1 44	5 57	2 32	22 4	0 6	7 34	2 0	29 35	16 17	14 59	14 52	4 57		n.a.	M12
T 13	18 31	18 17	4 46	7 28	2 58	5 10	7 44	3 26	0 7	16 40	1 44	5 57	2 32	22 4	0 6	7 34	2 0	29 34	16 17	14 59	14 53	4 59		n.a.	T 13
W14	18 15	19 44	4 6	7 8	3 5	5 8	7 53	3 9	0 6	16 43	1 44	5 57	2 33	22 5	0 6	7 33	2 0	29 33	16 17	15 0	14 54	5 1		n.a.	W14
T 15	17 59	20 1	3 13	6 49	3 13	5 7	8 2	2 51	0 5	16 45	1 45	5 56	2 33	22 5	0 6	7 33	2 0	29 32	16 17	15 0	14 55	5 3		n.a.	T 15
F 16	17 43	19 11	2 10	6 33	3 19	5 7	8 10	2 34	0 5	16 48	1 45	5 56	2 33	22 5	0 6	7 33	2 0	29 31	16 17	15 0	14 56	5 5		n.a.	F 16
S 17	17 26	17 19	1 1	6 19	3 25	5 9	8 18	2 16	0 4	16 51	1 45	5 56	2 33	22 6	0 6	7 33	2 1	29 31	16 17	15 1	14 57	5 7		n.a.	S 17
S 18	17 9	14 37	0n 9	6 8	3 31	5 11	8 25	1 59	0 3	16 53	1 45	5 56	2 34	22 6	0 6	7 33	2 1	29 30	16 17	15 1	14 58	5 9		n.a.	S 18
M19	16 52	11 17	1 18	5 59	3 36	5 15	8 31	1 41	0 2	16 56	1 45	5 55	2 34	22 6	0 6	7 33	2 1	29 29	16 17	15 1	14 59	5 11		n.a.	M19
T 20	16 34	7 31	2 22	5 54	3 40	5 20	8 37	1 23	0 2	16 59	1 45	5 55	2 34	22 7	0 6	7 32	2 1	29 28	16 17	15 0	15 0	5 13		n.a.	T 20
W21	16 17	3 30	3 18	5 52	3 43	5 26	8 41	1 5	0 1	17 1	1 45	5 54	2 34	22 7	0 6	7 32	2 1	29 27	16 17	15 0	15 1	5 16		n.a.	W21
T 22	15 59	0s35	4 6	5 53	3 45	5 34	8 45	0 48	0s 0	17 4	1 45	5 54	2 35	22 7	0 6	7 32	2 1	29 26	16 17	15 0	15 2	5 18		n.a.	T 22
F 23	15 40	4 37	4 42	5 59	3 45	5 42	8 48	0 30	0 1	17 6	1 45	5 53	2 35	22 8	0 6	7 32	2 1	29 25	16 17	15 0	15 3	5 20		n.a.	F 23
S 24	15 22	8 27	5 6	6 9	3 44	5 52	8 50	0 12	0 2	17 9	1 45	5 53	2 35	22 8	0 6	7 32	2 1	29 25	16 17	15 0	15 4	5 22		n.a.	S 24
S 25	15 3	11 58	5 17	6 23	3 42	6 2	8 51	0s 6	0 2	17 12	1 45	5 52	2 35	22 8	0 6	7 31	2 1	29 24	16 17	15 0	15 5	5 24		n.a.	S 25
M26	14 44	15 3	5 14	6 41	3 38	6 13	8 51	0 24	0 3	17 14	1 45	5 51	2 36	22 9	0 6	7 31	2 1	29 23	16 17	15 0	15 6	5 26		n.a.	M26
T 27	14 24	17 31	4 57	7 4	3 32	6 26	8 50	0 42	0 4	17 17	1 45	5 51	2 36	22 9	0 6	7 31	2 1	29 22	16 17	15 0	15 7	5 28		n.a.	T 27
W28	14 5	19 14	4 26	7 31	3 24	6 39	8 48	1 0	0 5	17 19	1 45	5 50	2 36	22 9	0 6	7 30	2 1	29 21	16 17	15 0	15 8	5 30		n.a.	W28
T 29	13 45	20 1	3 41	8 2	3 14	6 53	8 46	1 18	0 5	17 22	1 45	5 49	2 36	22 9	0 6	7 30	2 1	29 21	16 17	15 0	15 9	5 32		n.a.	T 29
F 30	13 25	19 44	2 43	8 36	3 2	7 7	8 42	1 36	0 6	17 24	1 46	5 48	2 36	22 10	0 6	7 30	2 1	29 20	16 17	15 0	15 10	5 35		n.a.	F 30
S 31	13n 4	18s19	1n35	9n14	2s49	7n22	8s37	1s54	0s 7	17s27	1s45	5n48	2s37	22n10	0n 6	7n30	2s 1	29n19	16n17	14n59	15n11	5s37		n.a.	S 31

Julian Day Number = 1268360.5, Delta T = 08h19m34s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'43, Lahiri = -21°04'43 Julian Calendar 1 Aug. 1241 BCE == Greg. Calendar 21 July 1241 BCE

The year -1240 astronomical counting style corresponds to year 1241 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1241 BCE
geocentric

SEPTEMBER 1241 BCE (-1240) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 55 57	26♌57'52	16♒50	28°R15	17°R51	5♎10	17°R36	20°R39	8♊21	23°R44	23♌ 5	20°R13	19♌33	25♎29	n.a.	S 1
M 2	21 59 53	27°57'22	1♓ 9	27♌ 3	17♌18	5°53	17♒28	20♈37	8°22	23♈43	23° 7	20♌13	19°29	25°36	n.a.	M 2
T 3	22 3 50	28°56'55	15°41	25°53	16°47	6°36	17°20	20°35	8°23	23°43	23°10	20°12	19°26	25°43	n.a.	T 3
W 4	22 7 46	29°56'29	0♈23	24°48	16°18	7°19	17°13	20°33	8°25	23°42	23°12	20°11	19°23	25°50	n.a.	W 4
T 5	22 11 43	0♍56'06	15° 5	23°47	15°51	8° 2	17° 5	20°31	8°26	23°41	23°14	20°10	19°20	25°56	n.a.	T 5
F 6	22 15 39	1°55'45	29°43	22°55	15°26	8°46	16°57	20°28	8°27	23°40	23°17	20° 9	19°17	26° 3	n.a.	F 6
S 7	22 19 36	2°55'27	14♉10	22°11	15° 2	9°29	16°50	20°26	8°28	23°39	23°19	20° 8	19°13	26°10	n.a.	S 7
S 8	22 23 33	3°55'11	28°23	21°37	14°41	10°13	16°43	20°23	8°29	23°38	23°21	20°D 7	19°10	26°16	n.a.	S 8
M 9	22 27 29	4°54'57	12♊20	21°14	14°23	10°57	16°35	20°21	8°30	23°37	23°23	20° 7	19° 7	26°23	n.a.	M 9
T 10	22 31 26	5°54'46	26° 0	21° 3	14° 6	11°40	16°28	20°18	8°31	23°36	23°26	20° 8	19° 4	26°30	n.a.	T 10
W11	22 35 22	6°54'38	9♋23	21°D 2	13°52	12°24	16°21	20°15	8°31	23°35	23°28	20° 9	19° 1	26°37	n.a.	W11
T 12	22 39 19	7°54'32	22°31	21°13	13°41	13° 8	16°14	20°12	8°32	23°34	23°30	20°10	18°58	26°43	n.a.	T 12
F 13	22 43 15	8°54'28	5♌24	21°34	13°32	13°52	16° 7	20° 9	8°33	23°33	23°33	20°12	18°54	26°50	n.a.	F 13
S 14	22 47 12	9°54'26	18° 5	22° 5	13°25	14°36	16° 0	20° 6	8°34	23°32	23°35	20°R12	18°51	26°57	n.a.	S 14
S 15	22 51 8	10°54'27	0♍35	22°45	13°21	15°20	15°54	20° 3	8°34	23°31	23°37	20°12	18°48	27° 3	n.a.	S 15
M16	22 55 5	11°54'29	12°53	23°33	13°D19	16° 4	15°47	20° 0	8°35	23°30	23°39	20°10	18°45	27°10	n.a.	M16
T 17	22 59 2	12°54'34	25° 3	24°29	13°20	16°48	15°41	19°56	8°35	23°28	23°42	20° 8	18°42	27°17	n.a.	T 17
W18	23 2 58	13°54'40	7♎ 5	25°32	13°23	17°32	15°35	19°53	8°36	23°27	23°44	20° 4	18°38	27°24	n.a.	W18
T 19	23 6 55	14°54'48	19° 0	26°40	13°28	18°16	15°29	19°49	8°36	23°26	23°46	20° 0	18°35	27°30	n.a.	T 19
F 20	23 10 51	15°54'59	0♏52	27°54	13°36	19° 1	15°23	19°46	8°36	23°25	23°48	19°55	18°32	27°37	n.a.	F 20
S 21	23 14 48	16°55'11	12°42	29°12	13°45	19°45	15°17	19°42	8°37	23°23	23°50	19°51	18°29	27°44	n.a.	S 21
S 22	23 18 44	17°55'25	24°35	0♍33	13°58	20°30	15°11	19°38	8°37	23°22	23°53	19°47	18°26	27°50	n.a.	S 22
M23	23 22 41	18°55'40	6♐34	1°58	14°12	21°14	15° 6	19°34	8°37	23°21	23°55	19°45	18°23	27°57	n.a.	M23
T 24	23 26 37	19°55'57	18°44	3°25	14°28	21°59	15° 1	19°30	8°37	23°19	23°57	19°D44	18°19	28° 4	n.a.	T 24
W25	23 30 34	20°56'16	1♑ 9	4°55	14°46	22°44	14°56	19°26	8°R37	23°18	23°59	19°45	18°16	28°11	n.a.	W25
T 26	23 34 30	21°56'37	13°55	6°26	15° 6	23°28	14°51	19°22	8°37	23°17	24° 1	19°46	18°13	28°17	n.a.	T 26
F 27	23 38 27	22°56'59	27° 4	7°59	15°28	24°13	14°46	19°18	8°37	23°15	24° 3	19°48	18°10	28°24	n.a.	F 27
S 28	23 42 24	23°57'23	10♒39	9°33	15°52	24°58	14°41	19°14	8°37	23°14	24° 5	19°49	18° 7	28°31	n.a.	S 28
S 29	23 46 20	24°57'48	24°43	11° 8	16°18	25°43	14°37	19°10	8°37	23°12	24° 7	19°R49	18° 4	28°37	n.a.	S 29
M30	23 50 17	25♍58'15	9♓12	12♍43	16♌45	26♎28	14♒32	19♈ 5	8♊37	23♈11	24♌ 9	19♌48	18♌ 0	28♎44	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n44	15s45	0n19	9n54	2s33	7n37	8s32	2s12	0s 8	17s29	1s45	5n47	2s37	22n10	0n 6	7n29	2s 1	29n18	16n17	14n59	15n12	5s39		n.a.
M 2	12 23	12 11	1s 0	10 35	2 16	7 53	8 25	2 30	0 9	17 32	1 45	5 46	2 37	22 10	0 6	7 29	2 1	29 18	16 17	14 59	15 13	5 41		n.a.
T 3	12 2	7 50	2 17	11 16	1 57	8 9	8 18	2 48	0 9	17 34	1 45	5 45	2 37	22 10	0 6	7 29	2 2	29 17	16 17	15 0	15 14	5 43		n.a.
W 4	11 41	2 58	3 25	11 57	1 38	8 25	8 10	3 6	0 10	17 36	1 45	5 44	2 37	22 11	0 6	7 28	2 2	29 16	16 17	15 0	15 15	5 45		n.a.
T 5	11 19	2n 4	4 19	12 36	1 17	8 41	8 2	3 24	0 11	17 39	1 45	5 43	2 38	22 11	0 6	7 28	2 2	29 15	16 17	15 0	15 16	5 47		n.a.
F 6	10 58	6 56	4 57	13 13	0 57	8 57	7 53	3 42	0 11	17 41	1 45	5 42	2 38	22 11	0 6	7 27	2 2	29 15	16 17	15 1	15 17	5 49		n.a.
S 7	10 36	11 21	5 15	13 46	0 37	9 13	7 43	4 0	0 12	17 43	1 45	5 41	2 38	22 11	0 6	7 27	2 2	29 14	16 17	15 1	15 18	5 52		n.a.
S 8	10 14	15 3	5 13	14 16	0 17	9 29	7 33	4 19	0 13	17 45	1 45	5 39	2 38	22 11	0 6	7 27	2 2	29 13	16 17	15 1	15 19	5 54		n.a.
M 9	9 52	17 49	4 53	14 41	0n 1	9 45	7 22	4 37	0 14	17 48	1 45	5 38	2 38	22 12	0 6	7 26	2 2	29 12	16 18	15 1	15 20	5 56		n.a.
T 10	9 30	19 30	4 17	15 1	0 19	10 0	7 11	4 55	0 14	17 50	1 45	5 37	2 39	22 12	0 6	7 26	2 2	29 12	16 18	15 1	15 21	5 58		n.a.
W11	9 7	20 4	3 27	15 17	0 36	10 15	6 59	5 13	0 15	17 52	1 45	5 36	2 39	22 12	0 6	7 25	2 2	29 11	16 18	15 1	15 22	6 0		n.a.
T 12	8 45	19 30	2 27	15 28	0 51	10 30	6 47	5 31	0 16	17 54	1 45	5 35	2 39	22 12	0 6	7 25	2 2	29 10	16 18	15 0	15 23	6 2		n.a.
F 13	8 22	17 56	1 21	15 34	1 4	10 44	6 35	5 49	0 17	17 56	1 45	5 33	2 39	22 12	0 6	7 24	2 2	29 10	16 18	15 0	15 24	6 4		n.a.
S 14	7 59	15 29	0 12	15 35	1 16	10 58	6 23	6 7	0 17	17 58	1 45	5 32	2 39	22 12	0 6	7 24	2 2	29 9	16 18	15 0	15 25	6 6		n.a.
S 15	7 36	12 20	0n57	15 32	1 27	11 11	6 10	6 25	0 18	18 0	1 44	5 31	2 39	22 12	0 6	7 24	2 2	29 9	16 19	15 0	15 26	6 8		n.a.
M16	7 13	8 42	2 2	15 24	1 36	11 24	5 57	6 42	0 19	18 2	1 44	5 29	2 40	22 12	0 6	7 23	2 2	29 8	16 19	15 0	15 27	6 11		n.a.
T 17	6 49	4 45	3 0	15 13	1 44	11 36	5 45	7 0	0 19	18 3	1 44	5 28	2 40	22 13	0 6	7 23	2 2	29 7	16 19	15 1	15 28	6 13		n.a.
W18	6 26	0 39	3 50	14 57	1 50	11 47	5 32	7 18	0 20	18 5	1 44	5 26	2 40	22 13	0 6	7 22	2 2	29 7	16 19	15 2	15 29	6 15		n.a.
T 19	6 2	3s25	4 29	14 38	1 56	11 58	5 19	7 36	0 21	18 7	1 44	5 25	2 40	22 13	0 6	7 22	2 2	29 6	16 19	15 4	15 30	6 17		n.a.
F 20	5 39	7 21	4 56	14 16	2 0	12 8	5 6	7 54	0 22	18 8	1 44	5 23	2 40	22 13	0 6	7 21	2 2	29 6	16 20	15 5	15 31	6 19		n.a.
S 21	5 15	10 59	5 11	13 51	2 2	12 17	4 54	8 12	0 22	18 10	1 44	5 22	2 40	22 13	0 6	7 21	2 2	29 5	16 20	15 6	15 32	6 21		n.a.
S 22	4 51	14 11	5 12	13 24	2 4	12 26	4 41	8 29	0 23	18 12	1 43	5 20	2 40	22 13	0 6	7 20	2 2	29 4	16 20	15 8	15 33	6 23		n.a.
M23	4 27	16 51	5 0	12 54	2 5	12 34	4 28	8 47	0 24	18 13	1 43	5 19	2 41	22 13	0 6	7 20	2 2	29 4	16 20	15 8	15 34	6 25		n.a.
T 24	4 3	18 48	4 34	12 22	2 5	12 41	4 16	9 5	0 24	18 15	1 43	5 17	2 41	22 13	0 7	7 19	2 2	29 3	16 21	15 8	15 35	6 28		n.a.
W25	3 39	19 55	3 55	11 48	2 5	12 48	4 4	9 22	0 25	18 16	1 43	5 15	2 41	22 13	0 7	7 18	2 3	29 3	16 21	15 8	15 36	6 30		n.a.
T 26	3 15	20 3	3 4	11 12	2 3	12 54	3 51	9 40	0 26	18 17	1 43	5 14	2 41	22 13	0 7	7 18	2 3	29 2	16 21	15 8	15 37	6 32		n.a.
F 27	2 51	19 7	2 1	10 35	2 2	12 59	3 39	9 57	0 26	18 18	1 42	5 12	2 41	22 13	0 7	7 17	2 3	29 2	16 21	15 7	15 38	6 34		n.a.
S 28	2 26	17 3	0 50	9 57	1 59	13 3	3 27	10 14	0 27	18 20	1 42	5 10	2 41	22 13	0 7	7 17	2 3	29 1	16 22	15 7	15 39	6 36		n.a.
S 29	2 2	13 55	0s27	9 18	1 56	13 7	3 15	10 32	0 28	18 21	1 42	5 9	2 41	22 13	0 7	7 16	2 3	29 1	16 22	15 7	15 40	6 38		n.a.
M30	1n38	9s51	1s44	8n37	1n52	13n 9	3s 4	10s49	0s28	18s22	1s42	5n 7	2s41	22n13	0n 7	7n16	2s 3	29n 0	16n22	15n 7	15n41	6s40		n.a.

Julian Day Number = 1268391.5, Delta T = 08h19m32s
Ecliptic obliquity = 23°50'24, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'39, Lahiri = -21°04'39 Julian Calendar 1 Sept. 1241 BCE == Greg. Calendar 21 Aug. 1241 BCE

The year -1240 astronomical counting style corresponds to year 1241 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1241 BCE
geocentric

OCTOBER 1241 BCE (-1240) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 54 13	26♍58'43	24♓ 3	14♍19	17♌14	27♎13	14°R28	19°R 1	8°R36	23°R 9	24♌12	19°R45	17♌57	28♎51	n.a.	T 1
W 2	23 58 10	27°59'14	9♈ 8	15°56	17°45	27°58	14♒25	18♈57	8♊36	23♈ 8	24°14	19♌40	17°54	28°58	n.a.	W 2
T 3	0 2 6	28°59'46	24°17	17°32	18°17	28°43	14°21	18°52	8°35	23° 6	24°16	19°34	17°51	29° 4	n.a.	T 3
F 4	0 6 3	0♎ 0'19	9♉20	19° 9	18°51	29°28	14°17	18°47	8°35	23° 5	24°18	19°28	17°48	29°11	n.a.	F 4
S 5	0 9 59	1° 0'55	24° 9	20°46	19°26	0♏13	14°14	18°43	8°35	23° 3	24°20	19°22	17°44	29°18	n.a.	S 5
S 6	0 13 56	2° 1'33	8♊36	22°23	20° 2	0°59	14°11	18°38	8°34	23° 2	24°21	19°18	17°41	29°24	n.a.	S 6
M 7	0 17 53	3° 2'13	22°39	24° 0	20°40	1°44	14° 8	18°34	8°33	23° 0	24°23	19°16	17°38	29°31	n.a.	M 7
T 8	0 21 49	4° 2'55	6♋18	25°37	21°19	2°29	14° 5	18°29	8°33	22°59	24°25	19°D15	17°35	29°38	n.a.	T 8
W 9	0 25 46	5° 3'38	19°33	27°13	22° 0	3°15	14° 3	18°24	8°32	22°57	24°27	19°16	17°32	29°45	n.a.	W 9
T 10	0 29 42	6° 4'23	2♌27	28°50	22°41	4° 0	14° 0	18°19	8°31	22°55	24°29	19°18	17°29	29°51	n.a.	T 10
F 11	0 33 39	7° 5'10	15° 5	0♎26	23°24	4°46	13°58	18°14	8°30	22°54	24°31	19°R19	17°25	29°58	n.a.	F 11
S 12	0 37 35	8° 5'59	27°29	2° 2	24° 8	5°31	13°56	18°10	8°30	22°52	24°33	19°18	17°22	0♏ 5	n.a.	S 12
S 13	0 41 32	9° 6'50	9♍43	3°38	24°53	6°17	13°55	18° 5	8°29	22°51	24°35	19°16	17°19	0°11	n.a.	S 13
M14	0 45 28	10° 7'41	21°48	5°14	25°39	7° 3	13°53	18° 0	8°28	22°49	24°36	19°11	17°16	0°18	n.a.	M14
T 15	0 49 25	11° 8'35	3♎48	6°50	26°25	7°49	13°52	17°55	8°27	22°47	24°38	19° 4	17°13	0°25	n.a.	T 15
W16	0 53 21	12° 9'30	15°44	8°25	27°13	8°34	13°51	17°50	8°26	22°46	24°40	18°55	17° 9	0°32	n.a.	W16
T 17	0 57 18	13°10'26	27°37	10° 1	28° 2	9°20	13°50	17°45	8°24	22°44	24°42	18°44	17° 6	0°38	n.a.	T 17
F 18	1 1 15	14°11'23	9♏28	11°36	28°51	10° 6	13°49	17°40	8°23	22°42	24°43	18°32	17° 3	0°45	n.a.	F 18
S 19	1 5 11	15°12'21	21°20	13°11	29°42	10°52	13°49	17°35	8°22	22°41	24°45	18°21	17° 0	0°52	n.a.	S 19
S 20	1 9 8	16°13'21	3♐14	14°46	0♍33	11°38	13°48	17°30	8°21	22°39	24°47	18°11	16°57	0°58	n.a.	S 20
M21	1 13 4	17°14'22	15°13	16°20	1°25	12°24	13°D48	17°25	8°20	22°37	24°48	18° 4	16°54	1° 5	n.a.	M21
T 22	1 17 1	18°15'23	27°21	17°55	2°17	13°10	13°49	17°20	8°18	22°35	24°50	17°59	16°50	1°12	n.a.	T 22
W23	1 20 57	19°16'26	9♑41	19°29	3°11	13°56	13°49	17°15	8°17	22°34	24°51	17°57	16°47	1°19	n.a.	W23
T 24	1 24 54	20°17'29	22°20	21° 4	4° 5	14°43	13°50	17°10	8°15	22°32	24°53	17°D56	16°44	1°25	n.a.	T 24
F 25	1 28 50	21°18'33	5♒20	22°38	5° 0	15°29	13°50	17° 5	8°14	22°30	24°54	17°57	16°41	1°32	n.a.	F 25
S 26	1 32 47	22°19'38	18°46	24°12	5°55	16°15	13°51	17° 0	8°12	22°29	24°56	17°R57	16°38	1°39	n.a.	S 26
S 27	1 36 44	23°20'44	2♓41	25°47	6°51	17° 1	13°53	16°55	8°11	22°27	24°57	17°56	16°35	1°46	n.a.	S 27
M28	1 40 40	24°21'50	17° 5	27°21	7°47	17°48	13°54	16°50	8° 9	22°25	24°59	17°53	16°31	1°52	n.a.	M28
T 29	1 44 37	25°22'56	1♈56	28°55	8°45	18°34	13°56	16°45	8° 7	22°24	25° 0	17°47	16°28	1°59	n.a.	T 29
W30	1 48 33	26°24'04	17° 7	0♏30	9°42	19°21	13°57	16°40	8° 6	22°22	25° 2	17°39	16°25	2° 6	n.a.	W30
T 31	1 52 30	27♎25'12	2♉29	2♏ 4	10♍41	20♏ 7	13♒59	16♈36	8♊ 4	22♈20	25♌ 3	17♌29	16♌22	2♏12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	1n13	5s 5	2s55	7n56	1n49	13n12	2s52	11s 6	0s29	18s23	1s42	5n 5	2s41	22n13	0n 7	7n15	2s 3	29n 0	16n23	15n 8	15n42	6s42			n.a.
W 2	0 49	0n 4	3 56	7 14	1 44	13 13	2 41	11 23	0 30	18 24	1 41	5 3	2 41	22 13	0 7	7 14	2 3	29 0	16 23	15 10	15 43	6 44			n.a.
T 3	0 24	5 14	4 40	6 32	1 40	13 14	2 30	11 40	0 30	18 25	1 41	5 1	2 42	22 13	0 7	7 14	2 3	28 59	16 23	15 12	15 44	6 47			n.a.
F 4	0s 0	10 2	5 5	5 49	1 35	13 13	2 19	11 57	0 31	18 25	1 41	5 0	2 42	22 13	0 7	7 13	2 3	28 59	16 24	15 14	15 45	6 49			n.a.
S 5	0 25	14 8	5 9	5 5	1 30	13 12	2 9	12 14	0 31	18 26	1 41	4 58	2 42	22 13	0 7	7 13	2 3	28 58	16 24	15 16	15 46	6 51			n.a.
S 6	0 49	17 18	4 52	4 21	1 24	13 11	1 58	12 30	0 32	18 27	1 40	4 56	2 42	22 13	0 7	7 12	2 3	28 58	16 24	15 17	15 47	6 53			n.a.
M 7	1 14	19 19	4 19	3 37	1 19	13 8	1 48	12 47	0 33	18 28	1 40	4 54	2 42	22 13	0 7	7 11	2 3	28 58	16 25	15 18	15 48	6 55			n.a.
T 8	1 38	20 10	3 31	2 53	1 13	13 5	1 38	13 4	0 33	18 28	1 40	4 52	2 42	22 12	0 7	7 11	2 3	28 57	16 25	15 18	15 49	6 57			n.a.
W 9	2 3	19 51	2 34	2 8	1 7	13 1	1 28	13 20	0 34	18 29	1 40	4 50	2 42	22 12	0 7	7 10	2 3	28 57	16 25	15 17	15 50	6 59			n.a.
T 10	2 27	18 29	1 30	1 24	1 1	12 57	1 18	13 36	0 35	18 29	1 40	4 49	2 42	22 12	0 7	7 10	2 3	28 57	16 26	15 17	15 51	7 1			n.a.
F 11	2 51	16 13	0 23	0 39	0 55	12 52	1 9	13 53	0 35	18 30	1 39	4 47	2 42	22 12	0 7	7 9	2 3	28 56	16 26	15 17	15 52	7 3			n.a.
S 12	3 16	13 14	0n44	0s 5	0 48	12 46	1 0	14 9	0 36	18 30	1 39	4 45	2 42	22 12	0 7	7 8	2 3	28 56	16 27	15 17	15 53	7 6			n.a.
S 13	3 40	9 43	1 48	0 50	0 42	12 39	0 51	14 25	0 36	18 30	1 39	4 43	2 42	22 12	0 7	7 8	2 3	28 56	16 27	15 18	15 54	7 8			n.a.
M14	4 5	5 50	2 46	1 34	0 35	12 32	0 42	14 41	0 37	18 30	1 38	4 41	2 42	22 12	0 7	7 7	2 3	28 55	16 27	15 19	15 55	7 10			n.a.
T 15	4 29	1 45	3 36	2 19	0 29	12 24	0 33	14 56	0 38	18 30	1 38	4 39	2 42	22 12	0 7	7 6	2 3	28 55	16 28	15 21	15 56	7 12			n.a.
W16	4 53	2s22	4 16	3 3	0 22	12 15	0 25	15 12	0 38	18 31	1 38	4 37	2 42	22 11	0 7	7 6	2 3	28 55	16 28	15 24	15 57	7 14			n.a.
T 17	5 17	6 23	4 44	3 47	0 16	12 6	0 17	15 27	0 39	18 31	1 38	4 35	2 42	22 11	0 7	7 5	2 3	28 55	16 29	15 28	15 58	7 16			n.a.
F 18	5 41	10 8	5 1	4 31	0 9	11 55	0 9	15 43	0 39	18 30	1 37	4 33	2 42	22 11	0 7	7 5	2 3	28 54	16 29	15 31	15 59	7 18			n.a.
S 19	6 5	13 30	5 4	5 15	0 3	11 45	0 1	15 58	0 40	18 30	1 37	4 32	2 42	22 11	0 7	7 4	2 3	28 54	16 30	15 35	16 0	7 20			n.a.
S 20	6 29	16 21	4 54	5 58	0s 4	11 34	0n 6	16 13	0 40	18 30	1 37	4 30	2 42	22 11	0 7	7 3	2 3	28 54	16 30	15 38	16 1	7 22			n.a.
M21	6 53	18 31	4 31	6 41	0 10	11 22	0 13	16 28	0 41	18 30	1 37	4 28	2 42	22 11	0 7	7 3	2 3	28 54	16 30	15 40	16 2	7 25			n.a.
T 22	7 16	19 53	3 56	7 24	0 17	11 9	0 21	16 43	0 42	18 30	1 36	4 26	2 42	22 10	0 7	7 2	2 3	28 54	16 31	15 42	16 3	7 27			n.a.
W23	7 40	20 20	3 9	8 6	0 23	10 56	0 28	16 57	0 42	18 29	1 36	4 24	2 42	22 10	0 7	7 1	2 3	28 54	16 31	15 42	16 4	7 29			n.a.
T 24	8 3	19 47	2 12	8 48	0 29	10 42	0 34	17 12	0 43	18 29	1 36	4 22	2 42	22 10	0 7	7 1	2 3	28 54	16 32	15 43	16 5	7 31			n.a.
F 25	8 27	18 10	1 7	9 30	0 36	10 28	0 41	17 26	0 43	18 28	1 36	4 20	2 42	22 10	0 7	7 0	2 3	28 53	16 32	15 42	16 6	7 33			n.a.
S 26	8 50	15 31	0s 4	10 11	0 42	10 13	0 47	17 40	0 44	18 28	1 35	4 18	2 41	22 9	0 7	6 59	2 3	28 53	16 33	15 42	16 7	7 35			n.a.
S 27	9 13	11 54	1 18	10 52	0 48	9 58	0 53	17 54	0 44	18 27	1 35	4 17	2 41	22 9	0 7	6 59	2 3	28 53	16 33	15 43	16 8	7 37			n.a.
M28	9 36	7 27	2 28	11 32	0 54	9 42	0 59	18 8	0 45	18 26	1 35	4 15	2 41	22 9	0 7	6 58	2 3	28 53	16 34	15 44	16 9	7 39			n.a.
T 29	9 59	2 26	3 31	12 12	1 0	9 25	1 5	18 22	0 45	18 26	1 34	4 13	2 41	22 9	0 7	6 58	2 3	28 53	16 34	15 45	16 10	7 41			n.a.
W30	10 21	2n50	4 20	12 51	1 5	9 8	1 10	18 35	0 46	18 25	1 34	4 11	2 41	22 8	0 7	6 57	2 3	28 53	16 35	15 48	16 11	7 44			n.a.
T 31	10s44	7n59	4s52	13s30	1s11	8n51	1n16	18s49	0s46	18s24	1s34	4n 9	2s41	22n 8	0n 7	6n56	2s 3	28n53	16n35	15n51	16n12	7s46			n.a.

Julian Day Number = 1268421.5, Delta T = 08h19m30s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'35, Lahiri = -21°04'35 Julian Calendar 1 Oct. 1241 BCE == Greg. Calendar 20 Sept. 1241 BCE

The year -1240 astronomical counting style corresponds to year 1241 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1241 BCE
geocentric

NOVEMBER 1241 BCE (-1240) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 56 26	28♎26'21	17♉49	3♏38	11♍39	20♏54	14♒ 2	16°R31	8°R 2	22°R18	25♌ 4	17°R18	16♌19	2♏19	n.a.	F 1
S 2	2 0 23	29°27'31	2♊57	5°13	12°39	21°40	14° 4	16♈26	8♊ 0	22♈17	25° 5	17♌ 8	16°15	2°26	n.a.	S 2
S 3	2 4 19	0♏28'43	17°42	6°47	13°39	22°27	14° 7	16°21	7°58	22°15	25° 7	16°59	16°12	2°33	n.a.	S 3
M 4	2 8 16	1°29'55	2♋ 0	8°21	14°39	23°13	14° 9	16°16	7°56	22°13	25° 8	16°54	16° 9	2°39	n.a.	M 4
T 5	2 12 13	2°31'08	15°47	9°56	15°40	24° 0	14°12	16°12	7°54	22°12	25° 9	16°51	16° 6	2°46	n.a.	T 5
W 6	2 16 9	3°32'21	29° 6	11°31	16°41	24°47	14°16	16° 7	7°52	22°10	25°10	16°D50	16° 3	2°53	n.a.	W 6
T 7	2 20 6	4°33'36	11♌59	13° 5	17°42	25°33	14°19	16° 3	7°50	22° 8	25°11	16°R50	16° 0	2°59	n.a.	T 7
F 8	2 24 2	5°34'52	24°32	14°40	18°44	26°20	14°23	15°58	7°48	22° 7	25°12	16°49	15°56	3° 6	n.a.	F 8
S 9	2 27 59	6°36'08	6♍49	16°15	19°47	27° 7	14°26	15°53	7°46	22° 5	25°14	16°48	15°53	3°13	n.a.	S 9
S 10	2 31 55	7°37'24	18°53	17°50	20°49	27°54	14°30	15°49	7°44	22° 3	25°15	16°44	15°50	3°20	n.a.	S 10
M11	2 35 52	8°38'42	0♎51	19°25	21°53	28°40	14°35	15°45	7°42	22° 2	25°16	16°37	15°47	3°26	n.a.	M11
T 12	2 39 49	9°40'00	12°44	21° 0	22°56	29°27	14°39	15°40	7°40	22° 0	25°16	16°27	15°44	3°33	n.a.	T 12
W13	2 43 45	10°41'18	24°35	22°34	24° 0	0♐14	14°44	15°36	7°38	21°59	25°17	16°14	15°40	3°40	n.a.	W13
T 14	2 47 42	11°42'37	6♏27	24° 9	25° 4	1° 1	14°48	15°32	7°35	21°57	25°18	16° 0	15°37	3°46	n.a.	T 14
F 15	2 51 38	12°43'56	18°20	25°44	26° 8	1°48	14°53	15°28	7°33	21°55	25°19	15°44	15°34	3°53	n.a.	F 15
S 16	2 55 35	13°45'15	0♐16	27°18	27°13	2°35	14°58	15°24	7°31	21°54	25°20	15°29	15°31	4° 0	n.a.	S 16
S 17	2 59 31	14°46'35	12°16	28°52	28°18	3°22	15° 4	15°20	7°28	21°52	25°21	15°16	15°28	4° 7	n.a.	S 17
M18	3 3 28	15°47'54	24°21	0♐25	29°23	4° 9	15° 9	15°16	7°26	21°51	25°22	15° 5	15°25	4°13	n.a.	M18
T 19	3 7 24	16°49'13	6♑34	1°58	0♎29	4°56	15°15	15°12	7°24	21°49	25°22	14°57	15°21	4°20	n.a.	T 19
W20	3 11 21	17°50'33	18°57	3°31	1°35	5°43	15°21	15° 8	7°21	21°48	25°23	14°53	15°18	4°27	n.a.	W20
T 21	3 15 18	18°51'52	1♒35	5° 2	2°41	6°30	15°27	15° 4	7°19	21°46	25°24	14°51	15°15	4°34	n.a.	T 21
F 22	3 19 14	19°53'10	14°30	6°32	3°47	7°18	15°33	15° 1	7°16	21°45	25°24	14°51	15°12	4°40	n.a.	F 22
S 23	3 23 11	20°54'28	27°47	8° 1	4°54	8° 5	15°39	14°57	7°14	21°43	25°25	14°50	15° 9	4°47	n.a.	S 23
S 24	3 27 7	21°55'46	11♓29	9°28	6° 1	8°52	15°46	14°54	7°12	21°42	25°25	14°49	15° 6	4°54	n.a.	S 24
M25	3 31 4	22°57'03	25°39	10°53	7° 8	9°39	15°52	14°50	7° 9	21°41	25°26	14°46	15° 2	5° 0	n.a.	M25
T 26	3 35 0	23°58'20	10♈15	12°15	8°15	10°26	15°59	14°47	7° 7	21°39	25°26	14°40	14°59	5° 7	n.a.	T 26
W27	3 38 57	24°59'36	25°13	13°35	9°22	11°13	16° 6	14°44	7° 4	21°38	25°27	14°32	14°56	5°14	n.a.	W27
T 28	3 42 54	26° 0'52	10♉26	14°51	10°30	12° 1	16°13	14°41	7° 1	21°36	25°27	14°21	14°53	5°21	n.a.	T 28
F 29	3 46 50	27° 2'07	25°44	16° 3	11°38	12°48	16°21	14°38	6°59	21°35	25°28	14°10	14°50	5°27	n.a.	F 29
S 30	3 50 47	28♏ 3'22	10♊55	17♐10	12♎46	13♐35	16♒28	14♈35	6♊56	21♈34	25♌28	13♌59	14♌46	5♏34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s 6	12n36	5s 2	14s 8	1s16	8n33	1n21	19s 2	0s47	18s23	1s34	4n 8	2s41	22n 8	0n 7	6n56	2s 3	28n53	16n36	15n55	16n13	7s48		n.a.
S 2	11 28	16 21	4 50	14 45	1 22	8 15	1 26	19 15	0 47	18 22	1 33	4 6	2 41	22 8	0 7	6 55	2 3	28 53	16 36	15 58	16 14	7 50		n.a.
S 3	11 50	18 57	4 20	15 22	1 27	7 56	1 31	19 27	0 48	18 21	1 33	4 4	2 41	22 7	0 7	6 54	2 3	28 53	16 37	16 0	16 15	7 52		n.a.
M 4	12 11	20 16	3 34	15 58	1 32	7 36	1 35	19 40	0 48	18 20	1 33	4 2	2 41	22 7	0 7	6 54	2 3	28 53	16 37	16 2	16 16	7 54		n.a.
T 5	12 33	20 18	2 37	16 34	1 36	7 16	1 40	19 52	0 49	18 19	1 32	4 1	2 40	22 7	0 7	6 53	2 3	28 53	16 38	16 3	16 17	7 56		n.a.
W 6	12 54	19 10	1 32	17 8	1 41	6 56	1 44	20 5	0 49	18 18	1 32	3 59	2 40	22 6	0 7	6 53	2 3	28 53	16 38	16 3	16 18	7 58		n.a.
T 7	13 15	17 4	0 26	17 42	1 45	6 35	1 48	20 16	0 50	18 16	1 32	3 57	2 40	22 6	0 7	6 52	2 3	28 53	16 39	16 3	16 19	8 0		n.a.
F 8	13 36	14 12	0n41	18 15	1 49	6 14	1 52	20 28	0 50	18 15	1 32	3 56	2 40	22 6	0 7	6 51	2 3	28 54	16 40	16 3	16 19	8 3		n.a.
S 9	13 57	10 46	1 44	18 46	1 53	5 53	1 56	20 40	0 51	18 14	1 31	3 54	2 40	22 5	0 7	6 51	2 3	28 54	16 40	16 4	16 20	8 5		n.a.
S 10	14 17	6 55	2 41	19 17	1 56	5 31	1 59	20 51	0 51	18 12	1 31	3 53	2 40	22 5	0 7	6 50	2 3	28 54	16 41	16 5	16 21	8 7		n.a.
M11	14 37	2 52	3 30	19 47	1 59	5 9	2 3	21 2	0 52	18 11	1 31	3 51	2 39	22 5	0 7	6 50	2 3	28 54	16 41	16 7	16 22	8 9		n.a.
T 12	14 57	1s17	4 10	20 16	2 2	4 46	2 6	21 13	0 52	18 9	1 31	3 49	2 39	22 4	0 7	6 49	2 3	28 54	16 42	16 10	16 23	8 11		n.a.
W13	15 17	5 22	4 38	20 44	2 5	4 23	2 9	21 24	0 52	18 7	1 30	3 48	2 39	22 4	0 7	6 48	2 3	28 54	16 42	16 14	16 24	8 13		n.a.
T 14	15 36	9 15	4 55	21 10	2 7	4 0	2 12	21 34	0 53	18 6	1 30	3 47	2 39	22 4	0 7	6 48	2 3	28 55	16 43	16 18	16 25	8 15		n.a.
F 15	15 55	12 48	4 59	21 35	2 8	3 37	2 14	21 44	0 53	18 4	1 30	3 45	2 39	22 3	0 7	6 47	2 3	28 55	16 43	16 23	16 26	8 17		n.a.
S 16	16 14	15 50	4 49	21 59	2 10	3 13	2 17	21 54	0 54	18 2	1 29	3 44	2 38	22 3	0 7	6 47	2 3	28 55	16 44	16 28	16 27	8 19		n.a.
S 17	16 32	18 14	4 27	22 21	2 10	2 49	2 19	22 4	0 54	18 0	1 29	3 42	2 38	22 3	0 7	6 46	2 3	28 55	16 45	16 32	16 28	8 21		n.a.
M18	16 51	19 50	3 53	22 42	2 11	2 24	2 22	22 13	0 54	17 59	1 29	3 41	2 38	22 2	0 7	6 46	2 3	28 55	16 45	16 35	16 29	8 24		n.a.
T 19	17 8	20 33	3 7	23 2	2 10	2 0	2 24	22 23	0 55	17 57	1 29	3 40	2 38	22 2	0 7	6 45	2 3	28 56	16 46	16 37	16 30	8 26		n.a.
W20	17 26	20 18	2 12	23 19	2 9	1 35	2 26	22 32	0 55	17 55	1 28	3 38	2 38	22 1	0 7	6 45	2 2	28 56	16 46	16 39	16 31	8 28		n.a.
T 21	17 43	19 1	1 10	23 35	2 8	1 10	2 27	22 40	0 56	17 53	1 28	3 37	2 37	22 1	0 7	6 44	2 2	28 56	16 47	16 39	16 32	8 30		n.a.
F 22	18 0	16 44	0 2	23 50	2 6	0 45	2 29	22 49	0 56	17 50	1 28	3 36	2 37	22 1	0 7	6 43	2 2	28 57	16 48	16 39	16 33	8 32		n.a.
S 23	18 17	13 30	1s 8	24 2	2 3	0 19	2 31	22 57	0 56	17 48	1 28	3 35	2 37	22 0	0 7	6 43	2 2	28 57	16 48	16 39	16 34	8 34		n.a.
S 24	18 33	9 28	2 16	24 12	1 59	0s 6	2 32	23 5	0 57	17 46	1 27	3 34	2 37	22 0	0 7	6 42	2 2	28 57	16 49	16 40	16 35	8 36		n.a.
M25	18 49	4 46	3 18	24 21	1 55	0 32	2 33	23 13	0 57	17 44	1 27	3 33	2 36	21 59	0 7	6 42	2 2	28 58	16 49	16 41	16 36	8 38		n.a.
T 26	19 5	0n19	4 9	24 27	1 50	0 58	2 34	23 20	0 57	17 41	1 27	3 31	2 36	21 59	0 7	6 41	2 2	28 58	16 50	16 42	16 37	8 40		n.a.
W27	19 20	5 31	4 44	24 31	1 43	1 24	2 35	23 27	0 58	17 39	1 27	3 30	2 36	21 59	0 7	6 41	2 2	28 58	16 50	16 45	16 38	8 42		n.a.
T 28	19 35	10 27	5 0	24 33	1 36	1 50	2 36	23 34	0 58	17 37	1 26	3 29	2 36	21 58	0 7	6 41	2 2	28 59	16 51	16 48	16 39	8 45		n.a.
F 29	19 49	14 45	4 55	24 33	1 28	2 17	2 37	23 41	0 58	17 34	1 26	3 29	2 35	21 58	0 7	6 40	2 2	28 59	16 52	16 51	16 39	8 47		n.a.
S 30	20s 3	18n 2	4s28	24s31	1s18	2s43	2n37	23s47	0s59	17s32	1s26	3n28	2s35	21n57	0n 8	6n40	2s 2	29n 0	16n52	16n55	16n40	8s49		n.a.

Julian Day Number = 1268452.5, Delta T = 08h19m29s
Ecliptic obliquity = 23°50'24, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'31, Lahiri = -21°04'30 Julian Calendar 1 Nov. 1241 BCE == Greg. Calendar 21 Oct. 1241 BCE

The year -1240 astronomical counting style corresponds to year 1241 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1241 BCE
geocentric

DECEMBER 1241 BCE (-1240) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 54 43	29♏ 4'37	25♊48	18♐12	13♎54	14♐22	16♒36	14°R32	6°R54	21°R32	25♌28	13°R49	14♌43	5♏41	n.a.	S 1
M 2	3 58 40	0♑ 5'52	10♋16	19° 8	15° 2	15°10	16°44	14♈29	6♊51	21♈31	25°28	13♌43	14°40	5°47	n.a.	M 2
T 3	4 2 36	1° 7'06	24°15	19°56	16°11	15°57	16°52	14°27	6°49	21°30	25°29	13°39	14°37	5°54	n.a.	T 3
W 4	4 6 33	2° 8'20	7♌43	20°37	17°20	16°44	17° 0	14°24	6°46	21°29	25°29	13°D37	14°34	6° 1	n.a.	W 4
T 5	4 10 29	3° 9'33	20°44	21° 8	18°29	17°32	17° 8	14°22	6°43	21°28	25°29	13°37	14°31	6° 8	n.a.	T 5
F 6	4 14 26	4°10'46	3♍21	21°30	19°38	18°19	17°16	14°19	6°41	21°26	25°29	13°R38	14°27	6°14	n.a.	F 6
S 7	4 18 23	5°11'59	15°38	21°41	20°47	19° 6	17°25	14°17	6°38	21°25	25°29	13°37	14°24	6°21	n.a.	S 7
S 8	4 22 19	6°13'12	27°42	21°R42	21°56	19°54	17°34	14°15	6°36	21°24	25°29	13°35	14°21	6°28	n.a.	S 8
M 9	4 26 16	7°14'24	9♎38	21°30	23° 6	20°41	17°42	14°13	6°33	21°23	25°R29	13°30	14°18	6°35	n.a.	M 9
T 10	4 30 12	8°15'35	21°29	21° 7	24°15	21°28	17°51	14°11	6°30	21°22	25°29	13°22	14°15	6°41	n.a.	T 10
W11	4 34 9	9°16'46	3♏19	20°32	25°25	22°16	18° 0	14° 9	6°28	21°21	25°29	13°12	14°12	6°48	n.a.	W11
T 12	4 38 5	10°17'56	15°11	19°47	26°35	23° 3	18°10	14° 8	6°25	21°20	25°29	13° 0	14° 8	6°55	n.a.	T 12
F 13	4 42 2	11°19'05	27° 8	18°52	27°45	23°51	18°19	14° 6	6°22	21°19	25°29	12°47	14° 5	7° 1	n.a.	F 13
S 14	4 45 59	12°20'14	9♐11	17°48	28°55	24°38	18°28	14° 5	6°20	21°18	25°29	12°35	14° 2	7° 8	n.a.	S 14
S 15	4 49 55	13°21'21	21°20	16°38	0♏ 5	25°25	18°38	14° 3	6°17	21°17	25°29	12°24	13°59	7°15	n.a.	S 15
M16	4 53 52	14°22'28	3♑38	15°24	1°16	26°13	18°48	14° 2	6°15	21°16	25°29	12°15	13°56	7°22	n.a.	M16
T 17	4 57 48	15°23'33	16° 4	14° 8	2°26	27° 0	18°58	14° 1	6°12	21°15	25°28	12° 9	13°52	7°28	n.a.	T 17
W18	5 1 45	16°24'38	28°40	12°52	3°37	27°48	19° 8	14° 0	6°10	21°15	25°28	12° 6	13°49	7°35	n.a.	W18
T 19	5 5 41	17°25'41	11♒27	11°39	4°47	28°35	19°18	13°59	6° 7	21°14	25°28	12°D 5	13°46	7°42	n.a.	T 19
F 20	5 9 38	18°26'42	24°29	10°30	5°58	29°22	19°28	13°58	6° 4	21°13	25°27	12° 6	13°43	7°49	n.a.	F 20
S 21	5 13 34	19°27'42	7♓48	9°27	7° 9	0♑10	19°38	13°58	6° 2	21°12	25°27	12° 7	13°40	7°55	n.a.	S 21
S 22	5 17 31	20°28'41	21°25	8°31	8°19	0°57	19°49	13°57	5°59	21°12	25°26	12°R 7	13°37	8° 2	n.a.	S 22
M23	5 21 28	21°29'38	5♈22	7°43	9°30	1°44	19°59	13°57	5°57	21°11	25°26	12° 6	13°33	8° 9	n.a.	M23
T 24	5 25 24	22°30'33	19°40	7° 4	10°41	2°32	20°10	13°56	5°54	21°10	25°25	12° 3	13°30	8°15	n.a.	T 24
W25	5 29 21	23°31'27	4♉17	6°33	11°52	3°19	20°21	13°56	5°52	21°10	25°25	11°58	13°27	8°22	n.a.	W25
T 26	5 33 17	24°32'19	19° 7	6°11	13° 4	4° 7	20°32	13°D56	5°50	21° 9	25°24	11°51	13°24	8°29	n.a.	T 26
F 27	5 37 14	25°33'10	4♊ 3	5°57	14°15	4°54	20°42	13°56	5°47	21° 8	25°24	11°44	13°21	8°36	n.a.	F 27
S 28	5 41 10	26°33'59	18°57	5°D51	15°26	5°41	20°54	13°56	5°45	21° 8	25°23	11°37	13°18	8°42	n.a.	S 28
S 29	5 45 7	27°34'47	3♋39	5°53	16°38	6°29	21° 5	13°57	5°42	21° 7	25°22	11°31	13°14	8°49	n.a.	S 29
M30	5 49 3	28°35'34	18° 3	6° 2	17°49	7°16	21°16	13°57	5°40	21° 7	25°22	11°26	13°11	8°56	n.a.	M30
T 31	5 53 0	29♑36'19	2♌ 3	6♐17	19♏ 0	8♑ 3	21♒27	13♈57	5♊38	21♈ 7	25♌21	11♌24	13♌ 8	9♏ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s17	20n 2	3s44	24s26	1s 8	3s10	2n37	23s53	0s59	17s29	1s26	3n27	2s35	21n57	0n 8	6n39	2s 2	29n 0	16n53	16n57	16n41	8s51			n.a.
M 2	20 31	20 40	2 47	24 19	0 56	3 36	2 38	23 59	0 59	17 26	1 25	3 26	2 35	21 56	0 8	6 39	2 2	29 1	16 53	16 59	16 42	8 53			n.a.
T 3	20 44	19 58	1 41	24 11	0 44	4 3	2 38	24 4	1 0	17 24	1 25	3 25	2 34	21 56	0 8	6 38	2 2	29 1	16 54	17 0	16 43	8 55			n.a.
W 4	20 56	18 8	0 31	24 0	0 30	4 29	2 38	24 10	1 0	17 21	1 25	3 24	2 34	21 56	0 8	6 38	2 2	29 1	16 55	17 1	16 44	8 57			n.a.
T 5	21 8	15 25	0n38	23 47	0 14	4 56	2 38	24 15	1 0	17 18	1 25	3 24	2 34	21 55	0 8	6 37	2 2	29 2	16 55	17 1	16 45	8 59			n.a.
F 6	21 20	12 2	1 43	23 32	0n 2	5 23	2 37	24 19	1 1	17 15	1 25	3 23	2 34	21 55	0 8	6 37	2 2	29 2	16 56	17 1	16 46	9 1			n.a.
S 7	21 31	8 14	2 41	23 15	0 19	5 50	2 37	24 24	1 1	17 13	1 24	3 23	2 33	21 54	0 8	6 37	2 2	29 3	16 56	17 1	16 47	9 3			n.a.
S 8	21 42	4 9	3 32	22 57	0 37	6 16	2 37	24 28	1 1	17 10	1 24	3 22	2 33	21 54	0 8	6 36	2 2	29 4	16 57	17 2	16 48	9 5			n.a.
M 9	21 53	0s 2	4 12	22 38	0 56	6 43	2 36	24 32	1 1	17 7	1 24	3 21	2 33	21 53	0 8	6 36	2 2	29 4	16 58	17 3	16 49	9 8			n.a.
T 10	22 3	4 10	4 41	22 17	1 15	7 9	2 35	24 35	1 2	17 4	1 24	3 21	2 32	21 53	0 8	6 36	2 2	29 5	16 58	17 5	16 50	9 10			n.a.
W11	22 13	8 10	4 58	21 55	1 35	7 36	2 34	24 38	1 2	17 1	1 23	3 21	2 32	21 52	0 8	6 35	2 1	29 5	16 59	17 8	16 51	9 12			n.a.
T 12	22 22	11 51	5 2	21 33	1 54	8 2	2 34	24 41	1 2	16 58	1 23	3 20	2 32	21 52	0 8	6 35	2 1	29 6	16 59	17 12	16 52	9 14			n.a.
F 13	22 31	15 5	4 53	21 10	2 12	8 29	2 33	24 44	1 2	16 54	1 23	3 20	2 31	21 52	0 8	6 35	2 1	29 6	17 0	17 15	16 53	9 16			n.a.
S 14	22 39	17 44	4 31	20 47	2 30	8 55	2 31	24 46	1 3	16 51	1 23	3 20	2 31	21 51	0 8	6 34	2 1	29 7	17 0	17 19	16 54	9 18			n.a.
S 15	22 47	19 37	3 57	20 25	2 45	9 21	2 30	24 48	1 3	16 48	1 23	3 19	2 31	21 51	0 8	6 34	2 1	29 7	17 1	17 22	16 54	9 20			n.a.
M16	22 54	20 37	3 10	20 3	3 0	9 47	2 29	24 50	1 3	16 45	1 22	3 19	2 31	21 50	0 8	6 34	2 1	29 8	17 2	17 24	16 55	9 22			n.a.
T 17	23 1	20 38	2 15	19 43	3 11	10 13	2 27	24 52	1 3	16 41	1 22	3 19	2 30	21 50	0 8	6 34	2 1	29 9	17 2	17 26	16 56	9 24			n.a.
W18	23 8	19 37	1 11	19 24	3 21	10 39	2 26	24 53	1 3	16 38	1 22	3 19	2 30	21 49	0 8	6 33	2 1	29 9	17 3	17 27	16 57	9 26			n.a.
T 19	23 14	17 35	0 3	19 7	3 28	11 4	2 24	24 54	1 4	16 35	1 22	3 19	2 30	21 49	0 8	6 33	2 1	29 10	17 3	17 27	16 58	9 28			n.a.
F 20	23 20	14 37	1s 6	18 53	3 33	11 29	2 23	24 54	1 4	16 31	1 22	3 19	2 29	21 49	0 8	6 33	2 1	29 11	17 4	17 27	16 59	9 30			n.a.
S 21	23 25	10 51	2 14	18 41	3 36	11 55	2 21	24 54	1 4	16 28	1 21	3 19	2 29	21 48	0 8	6 33	2 1	29 11	17 4	17 27	17 0	9 33			n.a.
S 22	23 29	6 26	3 15	18 32	3 36	12 19	2 19	24 54	1 4	16 24	1 21	3 19	2 29	21 48	0 8	6 32	2 1	29 12	17 5	17 27	17 1	9 35			n.a.
M23	23 34	1 36	4 7	18 26	3 34	12 44	2 17	24 54	1 4	16 21	1 21	3 19	2 28	21 47	0 8	6 32	2 1	29 13	17 6	17 27	17 2	9 37			n.a.
T 24	23 37	3n26	4 44	18 23	3 31	13 9	2 15	24 53	1 5	16 17	1 21	3 19	2 28	21 47	0 8	6 32	2 1	29 13	17 6	17 28	17 3	9 39			n.a.
W25	23 41	8 23	5 5	18 23	3 26	13 33	2 13	24 52	1 5	16 13	1 21	3 19	2 28	21 46	0 8	6 32	2 1	29 14	17 7	17 29	17 4	9 41			n.a.
T 26	23 43	12 54	5 5	18 25	3 20	13 57	2 11	24 51	1 5	16 10	1 20	3 20	2 27	21 46	0 8	6 32	2 1	29 15	17 7	17 31	17 5	9 43			n.a.
F 27	23 46	16 39	4 45	18 30	3 12	14 20	2 9	24 50	1 5	16 6	1 20	3 20	2 27	21 45	0 8	6 31	2 0	29 15	17 8	17 33	17 6	9 45			n.a.
S 28	23 48	19 18	4 5	18 37	3 4	14 43	2 6	24 48	1 5	16 2	1 20	3 20	2 27	21 45	0 8	6 31	2 0	29 16	17 8	17 35	17 7	9 47			n.a.
S 29	23 49	20 38	3 10	18 46	2 55	15 6	2 4	24 46	1 5	15 58	1 20	3 21	2 26	21 45	0 8	6 31	2 0	29 17	17 9	17 37	17 7	9 49			n.a.
M30	23 50	20 34	2 3	18 57	2 46	15 29	2 1	24 43	1 5	15 54	1 20	3 21	2 26	21 44	0 8	6 31	2 0	29 18	17 9	17 38	17 8	9 51			n.a.
T 31	23s50	19n13	0s50	19s10	2n36	15s51	1n59	24s41	1s 5	15s50	1s20	3n22	2s26	21n44	0n 8	6n31	2s 0	29n18	17n10	17n39	17n 9	9s53			n.a.

Julian Day Number = 1268482.5, Delta T = 08h19m27s
Ecliptic obliquity = 23°50'24, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'27, Lahiri = -21°04'26 Julian Calendar 1 Dec. 1241 BCE == Greg. Calendar 20 Nov. 1241 BCE

The year -1240 astronomical counting style corresponds to year 1241 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1240 BCE
geocentric

JANUARY 1240 BCE (-1239) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 56 57	0♉37'02	15♌36	6♐39	20♏12	8♉50	21♒39	13♈58	5°R35	21°R 6	25°R20	11°D24	13♌ 5	9♏ 9	n.a.	W 1
T 2	6 0 53	1°37'45	28°43	7° 6	21°24	9°38	21°50	13°59	5♊33	21♈ 6	25♌20	11♌25	13° 2	9°16	n.a.	T 2
F 3	6 4 50	2°38'26	11♍26	7°39	22°35	10°25	22° 2	14° 0	5°31	21° 6	25°19	11°26	12°58	9°23	n.a.	F 3
S 4	6 8 46	3°39'05	23°50	8°16	23°47	11°12	22°14	14° 1	5°29	21° 5	25°18	11°28	12°55	9°29	n.a.	S 4
S 5	6 12 43	4°39'43	5♎58	8°58	24°59	11°59	22°26	14° 2	5°26	21° 5	25°17	11°R28	12°52	9°36	n.a.	S 5
M 6	6 16 39	5°40'20	17°56	9°43	26°11	12°47	22°38	14° 3	5°24	21° 5	25°16	11°27	12°49	9°43	n.a.	M 6
T 7	6 20 36	6°40'55	29°48	10°33	27°23	13°34	22°50	14° 4	5°22	21° 5	25°15	11°25	12°46	9°50	n.a.	T 7
W 8	6 24 32	7°41'29	11♏39	11°26	28°34	14°21	23° 2	14° 6	5°20	21° 4	25°14	11°21	12°43	9°56	n.a.	W 8
T 9	6 28 29	8°42'02	23°34	12°22	29°46	15° 8	23°14	14° 7	5°18	21° 4	25°13	11°16	12°39	10° 3	n.a.	T 9
F 10	6 32 26	9°42'33	5♐34	13°20	0♐58	15°55	23°26	14° 9	5°16	21° 4	25°12	11°10	12°36	10°10	n.a.	F 10
S 11	6 36 22	10°43'02	17°44	14°22	2°10	16°43	23°38	14°10	5°14	21° 4	25°11	11° 4	12°33	10°16	n.a.	S 11
S 12	6 40 19	11°43'30	0♑ 4	15°26	3°23	17°30	23°51	14°12	5°12	21°D 4	25°10	10°59	12°30	10°23	n.a.	S 12
M13	6 44 15	12°43'56	12°36	16°32	4°35	18°17	24° 3	14°14	5°10	21° 4	25° 9	10°55	12°27	10°30	n.a.	M13
T 14	6 48 12	13°44'20	25°20	17°41	5°47	19° 4	24°16	14°16	5° 8	21° 4	25° 8	10°52	12°24	10°37	n.a.	T 14
W15	6 52 8	14°44'42	8♒16	18°51	6°59	19°51	24°29	14°19	5° 6	21° 4	25° 7	10°D52	12°20	10°43	n.a.	W15
T 16	6 56 5	15°45'02	21°25	20° 3	8°11	20°38	24°41	14°21	5° 5	21° 5	25° 6	10°52	12°17	10°50	n.a.	T 16
F 17	7 0 2	16°45'20	4♓46	21°17	9°23	21°25	24°54	14°23	5° 3	21° 5	25° 4	10°53	12°14	10°57	n.a.	F 17
S 18	7 3 58	17°45'35	18°19	22°33	10°36	22°12	25° 7	14°26	5° 1	21° 5	25° 3	10°55	12°11	11° 4	n.a.	S 18
S 19	7 7 55	18°45'49	2♈ 5	23°51	11°48	22°59	25°20	14°28	4°59	21° 5	25° 2	10°56	12° 8	11°10	n.a.	S 19
M20	7 11 51	19°46'00	16° 3	25°10	13° 0	23°46	25°33	14°31	4°58	21° 5	25° 1	10°R57	12° 4	11°17	n.a.	M20
T 21	7 15 48	20°46'09	0♉12	26°30	14°13	24°33	25°46	14°34	4°56	21° 6	24°59	10°56	12° 1	11°24	n.a.	T 21
W22	7 19 44	21°46'16	14°31	27°52	15°25	25°20	25°59	14°37	4°55	21° 6	24°58	10°55	11°58	11°30	n.a.	W22
T 23	7 23 41	22°46'20	28°56	29°15	16°37	26° 6	26°12	14°40	4°53	21° 6	24°57	10°53	11°55	11°37	n.a.	T 23
F 24	7 27 37	23°46'22	13♊24	0♑40	17°50	26°53	26°25	14°43	4°52	21° 7	24°55	10°51	11°52	11°44	n.a.	F 24
S 25	7 31 34	24°46'22	27°48	2° 5	19° 2	27°40	26°38	14°46	4°50	21° 7	24°54	10°49	11°49	11°51	n.a.	S 25
S 26	7 35 30	25°46'20	12♋ 5	3°33	20°15	28°27	26°52	14°50	4°49	21° 8	24°53	10°47	11°45	11°57	n.a.	S 26
M27	7 39 27	26°46'15	26° 9	5° 1	21°27	29°14	27° 5	14°53	4°47	21° 8	24°51	10°46	11°42	12° 4	n.a.	M27
T 28	7 43 24	27°46'09	9♌55	6°30	22°40	0♒ 0	27°18	14°57	4°46	21° 9	24°50	10°D46	11°39	12°11	n.a.	T 28
W29	7 47 20	28°46'00	23°21	8° 1	23°52	0°47	27°32	15° 0	4°45	21° 9	24°48	10°46	11°36	12°18	n.a.	W29
T 30	7 51 17	29°45'50	6♍26	9°33	25° 5	1°34	27°45	15° 4	4°44	21°10	24°47	10°47	11°33	12°24	n.a.	T 30
F 31	7 55 13	0♒45'37	19♍11	11♑ 6	26♐17	2♒20	27♒59	15♈ 8	4♊43	21♈11	24♌46	10♌48	11♌30	12♏31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23 s50	16n47	0n23	19s23	2n26	16s13	1n56	24s38	1s 5	15s47	1s19	3n22	2s26	21n43	0n 8	6n31	2s 0	29n19	17n10	17n39	17n10	9s55			n.a.
T 2	23 50	13 34	1 33	19 38	2 15	16 35	1 54	24 34	1 6	15 43	1 19	3 23	2 25	21 43	0 8	6 31	2 0	29 20	17 11	17 39	17 11	9 58			n.a.
F 3	23 49	9 47	2 36	19 54	2 5	16 56	1 51	24 31	1 6	15 39	1 19	3 23	2 25	21 43	0 8	6 31	2 0	29 21	17 11	17 38	17 12	10 0			n.a.
S 4	23 47	5 42	3 30	20 10	1 54	17 17	1 48	24 27	1 6	15 35	1 19	3 24	2 25	21 42	0 8	6 31	2 0	29 21	17 12	17 38	17 13	10 2			n.a.
S 5	23 45	1 28	4 14	20 27	1 44	17 37	1 46	24 23	1 6	15 30	1 19	3 25	2 24	21 42	0 8	6 31	2 0	29 22	17 12	17 38	17 14	10 4			n.a.
M 6	23 43	2s45	4 46	20 45	1 33	17 57	1 43	24 18	1 6	15 26	1 19	3 25	2 24	21 41	0 8	6 31	2 0	29 23	17 13	17 38	17 15	10 6			n.a.
T 7	23 40	6 50	5 5	21 3	1 22	18 17	1 40	24 14	1 6	15 22	1 19	3 26	2 24	21 41	0 8	6 31	2 0	29 24	17 13	17 39	17 16	10 8			n.a.
W 8	23 37	10 39	5 11	21 20	1 12	18 36	1 37	24 9	1 6	15 18	1 18	3 27	2 23	21 41	0 8	6 31	2 0	29 24	17 14	17 40	17 17	10 10			n.a.
T 9	23 33	14 4	5 4	21 38	1 2	18 54	1 34	24 3	1 6	15 14	1 18	3 28	2 23	21 40	0 8	6 31	2 0	29 25	17 14	17 41	17 18	10 12			n.a.
F 10	23 29	16 56	4 44	21 56	0 52	19 13	1 31	23 58	1 6	15 10	1 18	3 29	2 23	21 40	0 8	6 31	2 0	29 26	17 15	17 43	17 18	10 14			n.a.
S 11	23 24	19 6	4 10	22 13	0 42	19 30	1 28	23 52	1 6	15 5	1 18	3 30	2 22	21 40	0 8	6 31	1 59	29 27	17 15	17 45	17 19	10 16			n.a.
S 12	23 19	20 26	3 25	22 30	0 32	19 47	1 25	23 46	1 6	15 1	1 18	3 31	2 22	21 39	0 8	6 31	1 59	29 28	17 16	17 46	17 20	10 18			n.a.
M13	23 13	20 46	2 29	22 47	0 22	20 4	1 22	23 40	1 6	14 57	1 18	3 32	2 22	21 39	0 8	6 31	1 59	29 28	17 16	17 47	17 21	10 20			n.a.
T 14	23 7	20 3	1 24	23 3	0 13	20 20	1 19	23 33	1 6	14 52	1 18	3 33	2 21	21 39	0 8	6 31	1 59	29 29	17 16	17 48	17 22	10 22			n.a.
W15	23 1	18 16	0 14	23 18	0 4	20 36	1 16	23 26	1 6	14 48	1 17	3 34	2 21	21 38	0 8	6 31	1 59	29 30	17 17	17 48	17 23	10 24			n.a.
T 16	22 54	15 31	0s58	23 33	0s 5	20 51	1 13	23 19	1 6	14 43	1 17	3 35	2 21	21 38	0 8	6 31	1 59	29 31	17 17	17 48	17 24	10 26			n.a.
F 17	22 46	11 54	2 8	23 47	0 14	21 5	1 10	23 11	1 6	14 39	1 17	3 37	2 20	21 38	0 8	6 31	1 59	29 32	17 18	17 48	17 25	10 29			n.a.
S 18	22 38	7 37	3 12	24 0	0 22	21 19	1 6	23 4	1 6	14 34	1 17	3 38	2 20	21 37	0 8	6 32	1 59	29 32	17 18	17 47	17 26	10 31			n.a.
S 19	22 30	2 54	4 6	24 12	0 30	21 32	1 3	22 56	1 6	14 30	1 17	3 39	2 20	21 37	0 8	6 32	1 59	29 33	17 18	17 47	17 27	10 33			n.a.
M20	22 21	2n 2	4 46	24 23	0 38	21 45	1 0	22 48	1 6	14 25	1 17	3 41	2 20	21 37	0 8	6 32	1 59	29 34	17 19	17 47	17 28	10 35			n.a.
T 21	22 12	6 54	5 10	24 33	0 46	21 57	0 57	22 39	1 6	14 21	1 17	3 42	2 19	21 36	0 8	6 32	1 59	29 35	17 19	17 47	17 28	10 37			n.a.
W22	22 3	11 27	5 15	24 43	0 53	22 8	0 54	22 30	1 6	14 16	1 17	3 43	2 19	21 36	0 8	6 32	1 59	29 36	17 20	17 47	17 29	10 39			n.a.
T 23	21 53	15 23	5 0	24 50	1 0	22 19	0 50	22 22	1 6	14 11	1 17	3 45	2 19	21 36	0 8	6 32	1 59	29 37	17 20	17 47	17 30	10 41			n.a.
F 24	21 43	18 23	4 26	24 57	1 7	22 29	0 47	22 12	1 6	14 7	1 16	3 46	2 18	21 36	0 8	6 33	1 58	29 37	17 20	17 48	17 31	10 43			n.a.
S 25	21 32	20 14	3 35	25 3	1 13	22 39	0 44	22 3	1 6	14 2	1 16	3 48	2 18	21 35	0 8	6 33	1 58	29 38	17 21	17 49	17 32	10 45			n.a.
S 26	21 21	20 46	2 32	25 7	1 19	22 48	0 41	21 53	1 6	13 57	1 16	3 50	2 18	21 35	0 8	6 33	1 58	29 39	17 21	17 49	17 33	10 47			n.a.
M27	21 9	19 58	1 20	25 10	1 25	22 56	0 37	21 43	1 6	13 53	1 16	3 51	2 17	21 35	0 8	6 33	1 58	29 40	17 21	17 50	17 34	10 49			n.a.
T 28	20 57	17 59	0 5	25 11	1 30	23 4	0 34	21 33	1 6	13 48	1 16	3 53	2 17	21 35	0 8	6 34	1 58	29 41	17 22	17 50	17 35	10 51			n.a.
W29	20 45	15 3	1n 9	25 11	1 35	23 11	0 31	21 23	1 5	13 43	1 16	3 54	2 17	21 34	0 8	6 34	1 58	29 41	17 22	17 50	17 36	10 53			n.a.
T 30	20 32	11 25	2 17	25 9	1 40	23 17	0 28	21 12	1 5	13 38	1 16	3 56	2 17	21 34	0 8	6 34	1 58	29 42	17 22	17 49	17 36	10 55			n.a.
F 31	20s19	7n22	3n17	25s 6	1s45	23s23	0n25	21s 2	1s 5	13s33	1s16	3n58	2s16	21n34	0n 8	6n35	1s58	29n43	17n22	17n49	17n37	10s57			n.a.

Julian Day Number = 1268513.5, Delta T = 08h19m25s
Ecliptic obliquity = 23°50'24, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'23, Lahiri = -21°04'22 Julian Calendar 1 Jan. 1240 BCE == Greg. Calendar 21 Dec. 1241 BCE

The year -1239 astronomical counting style corresponds to year 1240 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1240 BCE
geocentric

FEBRUARY 1240 BCE (-1239) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 59 10	1♒45'22	1♎37	12♑41	27♐30	3♒ 7	28♒13	15♈12	4°R41	21♈11	24°R44	10♌49	11♌26	12♏38	n.a.	S 1
S 2	8 3 6	2°45'06	13°49	14°16	28°43	3°53	28°26	15°16	4♊40	21°12	24♌43	10°49	11°23	12°44	n.a.	S 2
M 3	8 7 3	3°44'48	25°50	15°53	29°55	4°40	28°40	15°20	4°39	21°13	24°41	10°50	11°20	12°51	n.a.	M 3
T 4	8 10 59	4°44'27	7♏44	17°31	1♑ 8	5°26	28°54	15°24	4°38	21°13	24°40	10°R50	11°17	12°58	n.a.	T 4
W 5	8 14 56	5°44'05	19°37	19°10	2°21	6°13	29° 7	15°28	4°38	21°14	24°38	10°50	11°14	13° 5	n.a.	W 5
T 6	8 18 53	6°43'41	1♐33	20°51	3°33	6°59	29°21	15°33	4°37	21°15	24°36	10°49	11°10	13°11	n.a.	T 6
F 7	8 22 49	7°43'15	13°36	22°33	4°46	7°45	29°35	15°37	4°36	21°16	24°35	10°49	11° 7	13°18	n.a.	F 7
S 8	8 26 46	8°42'48	25°49	24°15	5°59	8°32	29°49	15°42	4°35	21°17	24°33	10°48	11° 4	13°25	n.a.	S 8
S 9	8 30 42	9°42'18	8♑17	26° 0	7°11	9°18	0♓ 3	15°46	4°34	21°18	24°32	10°48	11° 1	13°32	n.a.	S 9
M10	8 34 39	10°41'46	21° 1	27°45	8°24	10° 4	0°17	15°51	4°34	21°19	24°30	10°D48	10°58	13°38	n.a.	M10
T 11	8 38 35	11°41'12	4♒ 2	29°32	9°37	10°50	0°31	15°56	4°33	21°20	24°28	10°R48	10°55	13°45	n.a.	T 11
W12	8 42 32	12°40'36	17°21	1♒20	10°50	11°37	0°45	16° 1	4°33	21°21	24°27	10°48	10°51	13°52	n.a.	W12
T 13	8 46 28	13°39'58	0♓55	3° 9	12° 2	12°23	0°59	16° 6	4°32	21°22	24°25	10°48	10°48	13°58	n.a.	T 13
F 14	8 50 25	14°39'17	14°43	5° 0	13°15	13° 9	1°13	16°11	4°32	21°23	24°24	10°48	10°45	14° 5	n.a.	F 14
S 15	8 54 21	15°38'34	28°42	6°51	14°28	13°55	1°27	16°16	4°31	21°24	24°22	10°47	10°42	14°12	n.a.	S 15
S 16	8 58 18	16°37'48	12♈50	8°45	15°41	14°41	1°41	16°21	4°31	21°25	24°20	10°47	10°39	14°19	n.a.	S 16
M17	9 2 15	17°37'01	27° 1	10°39	16°54	15°27	1°55	16°27	4°31	21°26	24°19	10°46	10°35	14°25	n.a.	M17
T 18	9 6 11	18°36'10	11♉15	12°35	18° 6	16°13	2° 9	16°32	4°31	21°28	24°17	10°46	10°32	14°32	n.a.	T 18
W19	9 10 8	19°35'17	25°28	14°32	19°19	16°59	2°23	16°37	4°30	21°29	24°15	10°D46	10°29	14°39	n.a.	W19
T 20	9 14 4	20°34'22	9♊38	16°30	20°32	17°45	2°38	16°43	4°30	21°30	24°14	10°46	10°26	14°45	n.a.	T 20
F 21	9 18 1	21°33'24	23°42	18°29	21°45	18°30	2°52	16°49	4°D30	21°31	24°12	10°47	10°23	14°52	n.a.	F 21
S 22	9 21 57	22°32'24	7♋39	20°30	22°58	19°16	3° 6	16°54	4°30	21°33	24°10	10°48	10°20	14°59	n.a.	S 22
S 23	9 25 54	23°31'22	21°26	22°32	24°10	20° 2	3°20	17° 0	4°30	21°34	24° 9	10°49	10°16	15° 6	n.a.	S 23
M24	9 29 50	24°30'17	5♌ 2	24°34	25°23	20°47	3°34	17° 6	4°30	21°35	24° 7	10°R49	10°13	15°12	n.a.	M24
T 25	9 33 47	25°29'10	18°25	26°38	26°36	21°33	3°49	17°12	4°31	21°37	24° 5	10°49	10°10	15°19	n.a.	T 25
W26	9 37 44	26°28'00	1♍34	28°42	27°49	22°19	4° 3	17°18	4°31	21°38	24° 4	10°49	10° 7	15°26	n.a.	W26
T 27	9 41 40	27°26'48	14°27	0♓46	29° 2	23° 4	4°17	17°24	4°31	21°40	24° 2	10°47	10° 4	15°33	n.a.	T 27
F 28	9 45 37	28♒25'35	27♍ 5	2♓51	0♒15	23♒50	4♓32	17♈30	4♊31	21♈41	24♌ 0	10♌44	10♌ 1	15♏39	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 6	3n 6	4n 6	25s 1	1s49	23s28	0n21	20s51	1s 5	13s28	1s16	4n 0	2s16	21n34	0n 8	6n35	1s58	29n44	17n23	17n49	17n38	10s59		n.a.
S 2	19 52	1s13	4 43	24 55	1 52	23 32	0 18	20 39	1 5	13 24	1 16	4 2	2 16	21 34	0 8	6 35	1 58	29 45	17 23	17 49	17 39	11 1		n.a.
M 3	19 38	5 24	5 6	24 47	1 55	23 35	0 15	20 28	1 5	13 19	1 15	4 3	2 15	21 33	0 8	6 36	1 58	29 45	17 23	17 48	17 40	11 3		n.a.
T 4	19 24	9 20	5 16	24 37	1 58	23 38	0 12	20 16	1 5	13 14	1 15	4 5	2 15	21 33	0 8	6 36	1 58	29 46	17 23	17 48	17 41	11 5		n.a.
W 5	19 9	12 54	5 13	24 26	2 1	23 40	0 9	20 4	1 5	13 9	1 15	4 7	2 15	21 33	0 8	6 36	1 58	29 47	17 24	17 49	17 42	11 8		n.a.
T 6	18 54	15 59	4 57	24 13	2 3	23 42	0 6	19 52	1 4	13 4	1 15	4 9	2 15	21 33	0 8	6 37	1 58	29 48	17 24	17 49	17 43	11 10		n.a.
F 7	18 39	18 24	4 27	23 58	2 4	23 43	0 2	19 40	1 4	12 59	1 15	4 11	2 14	21 33	0 8	6 37	1 58	29 48	17 24	17 49	17 44	11 12		n.a.
S 8	18 23	20 2	3 44	23 41	2 5	23 43	0s 1	19 28	1 4	12 54	1 15	4 13	2 14	21 33	0 8	6 38	1 57	29 49	17 24	17 49	17 45	11 14		n.a.
S 9	18 7	20 44	2 51	23 22	2 6	23 42	0 4	19 15	1 4	12 49	1 15	4 15	2 14	21 32	0 8	6 38	1 57	29 50	17 24	17 49	17 45	11 16		n.a.
M10	17 51	20 24	1 48	23 1	2 6	23 41	0 7	19 2	1 4	12 44	1 15	4 17	2 14	21 32	0 8	6 38	1 57	29 51	17 25	17 49	17 46	11 18		n.a.
T 11	17 34	18 58	0 37	22 38	2 6	23 39	0 10	18 49	1 4	12 39	1 15	4 20	2 13	21 32	0 8	6 39	1 57	29 51	17 25	17 49	17 47	11 20		n.a.
W12	17 17	16 28	0s36	22 14	2 5	23 36	0 13	18 36	1 3	12 33	1 15	4 22	2 13	21 32	0 8	6 39	1 57	29 52	17 25	17 49	17 48	11 22		n.a.
T 13	17 0	13 2	1 49	21 47	2 4	23 32	0 15	18 23	1 3	12 28	1 15	4 24	2 13	21 32	0 8	6 40	1 57	29 53	17 25	17 49	17 49	11 24		n.a.
F 14	16 43	8 50	2 57	21 19	2 2	23 28	0 18	18 9	1 3	12 23	1 15	4 26	2 13	21 32	0 8	6 40	1 57	29 54	17 25	17 49	17 50	11 26		n.a.
S 15	16 25	4 7	3 55	20 48	2 0	23 23	0 21	17 56	1 3	12 18	1 15	4 28	2 12	21 32	0 8	6 41	1 57	29 54	17 25	17 49	17 51	11 28		n.a.
S 16	16 7	0n52	4 40	20 16	1 57	23 18	0 24	17 42	1 3	12 13	1 15	4 31	2 12	21 32	0 8	6 41	1 57	29 55	17 26	17 49	17 52	11 30		n.a.
M17	15 49	5 48	5 8	19 41	1 54	23 12	0 27	17 28	1 2	12 8	1 15	4 33	2 12	21 32	0 8	6 42	1 57	29 56	17 26	17 49	17 52	11 32		n.a.
T 18	15 30	10 27	5 17	19 4	1 50	23 5	0 29	17 14	1 2	12 2	1 15	4 35	2 12	21 32	0 8	6 42	1 57	29 56	17 26	17 50	17 53	11 34		n.a.
W19	15 11	14 29	5 6	18 26	1 46	22 57	0 32	16 59	1 2	11 57	1 15	4 37	2 11	21 32	0 8	6 43	1 57	29 57	17 26	17 50	17 54	11 36		n.a.
T 20	14 52	17 42	4 38	17 45	1 41	22 49	0 35	16 45	1 2	11 52	1 14	4 40	2 11	21 32	0 8	6 43	1 57	29 58	17 26	17 49	17 55	11 38		n.a.
F 21	14 33	19 49	3 52	17 2	1 35	22 40	0 37	16 30	1 1	11 47	1 14	4 42	2 11	21 32	0 8	6 44	1 57	29 58	17 26	17 49	17 56	11 40		n.a.
S 22	14 14	20 44	2 53	16 18	1 29	22 30	0 40	16 16	1 1	11 41	1 14	4 45	2 11	21 32	0 8	6 44	1 57	29 59	17 26	17 49	17 57	11 42		n.a.
S 23	13 54	20 22	1 45	15 32	1 22	22 20	0 42	16 1	1 1	11 36	1 14	4 47	2 10	21 32	0 8	6 45	1 56	30 0	17 26	17 49	17 58	11 44		n.a.
M24	13 34	18 49	0 32	14 43	1 15	22 9	0 45	15 46	1 1	11 31	1 14	4 50	2 10	21 32	0 8	6 45	1 56	30 0	17 26	17 49	17 59	11 46		n.a.
T 25	13 14	16 13	0n42	13 54	1 7	21 57	0 47	15 30	1 0	11 26	1 14	4 52	2 10	21 32	0 8	6 46	1 56	30 1	17 26	17 49	17 59	11 48		n.a.
W26	12 54	12 50	1 52	13 2	0 59	21 45	0 49	15 15	1 0	11 20	1 14	4 55	2 10	21 32	0 8	6 47	1 56	30 2	17 26	17 49	18 0	11 50		n.a.
T 27	12 34	8 54	2 55	12 9	0 50	21 32	0 52	15 0	1 0	11 15	1 14	4 57	2 9	21 32	0 8	6 47	1 56	30 2	17 26	17 49	18 1	11 52		n.a.
F 28	12s13	4n40	3n48	11s15	0s40	21s19	0s54	14s44	1s 0	11s10	1s14	5n 0	2s 9	21n32	0n 8	6n48	1s56	30n 3	17n26	17n50	18n 2	11s54		n.a.

Julian Day Number = 1268544.5, Delta T = 08h19m24s
Ecliptic obliquity = 23°50'24, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'18, Lahiri = -21°04'18 Julian Calendar 1 Feb. 1240 BCE == Greg. Calendar 21 Jan. 1240 BCE

The year -1239 astronomical counting style corresponds to year 1240 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1240 BCE
geocentric

MARCH 1240 BCE (-1239) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 49 33	29♒24'19	9♎28	4♓56	1♒28	24♒35	4♓46	17♈36	4♊32	21♈43	23°R59	10°R42	9♌57	15♏46	n.a.	S 1
S 2	9 53 30	0♓23'01	21°40	7° 1	2°41	25°20	5° 0	17°42	4°32	21°44	23♌57	10♌39	9°54	15°53	n.a.	S 2
M 3	9 57 26	1°21'42	3♏41	9° 6	3°53	26° 6	5°15	17°48	4°33	21°46	23°55	10°36	9°51	15°59	n.a.	M 3
T 4	10 1 23	2°20'20	15°36	11° 9	5° 6	26°51	5°29	17°55	4°33	21°47	23°54	10°34	9°48	16° 6	n.a.	T 4
W 5	10 5 19	3°18'57	27°29	13°12	6°19	27°36	5°43	18° 1	4°34	21°49	23°52	10°33	9°45	16°13	n.a.	W 5
T 6	10 9 16	4°17'32	9♐24	15°13	7°32	28°21	5°57	18° 7	4°34	21°51	23°50	10°D33	9°41	16°20	n.a.	T 6
F 7	10 13 12	5°16'05	21°27	17°12	8°45	29° 7	6°12	18°14	4°35	21°52	23°49	10°34	9°38	16°26	n.a.	F 7
S 8	10 17 9	6°14'37	3♑41	19°10	9°58	29°52	6°26	18°21	4°36	21°54	23°47	10°35	9°35	16°33	n.a.	S 8
S 9	10 21 6	7°13'07	16°11	21° 4	11°11	0♓37	6°40	18°27	4°37	21°56	23°46	10°37	9°32	16°40	n.a.	S 9
M10	10 25 2	8°11'34	29° 1	22°56	12°24	1°22	6°55	18°34	4°38	21°57	23°44	10°38	9°29	16°47	n.a.	M10
T 11	10 28 59	9°10'00	12♒13	24°46	13°37	2° 7	7° 9	18°41	4°38	21°59	23°42	10°R39	9°26	16°53	n.a.	T 11
W12	10 32 55	10° 8'25	25°48	26°31	14°50	2°52	7°23	18°47	4°39	22° 1	23°41	10°38	9°22	17° 0	n.a.	W12
T 13	10 36 52	11° 6'47	9♓44	28°13	16° 3	3°37	7°38	18°54	4°40	22° 3	23°39	10°36	9°19	17° 7	n.a.	T 13
F 14	10 40 48	12° 5'07	23°59	29°52	17°16	4°21	7°52	19° 1	4°41	22° 4	23°38	10°32	9°16	17°13	n.a.	F 14
S 15	10 44 45	13° 3'25	8♈27	1♈26	18°29	5° 6	8° 6	19° 8	4°43	22° 6	23°36	10°27	9°13	17°20	n.a.	S 15
S 16	10 48 41	14° 1'41	23° 2	2°56	19°42	5°51	8°21	19°15	4°44	22° 8	23°35	10°22	9°10	17°27	n.a.	S 16
M17	10 52 38	14°59'55	7♉37	4°22	20°55	6°35	8°35	19°22	4°45	22°10	23°33	10°18	9° 7	17°34	n.a.	M17
T 18	10 56 34	15°58'07	22° 7	5°43	22° 8	7°20	8°49	19°29	4°46	22°12	23°31	10°15	9° 3	17°40	n.a.	T 18
W19	11 0 31	16°56'16	6♊27	7° 0	23°21	8° 5	9° 3	19°36	4°48	22°14	23°30	10°13	9° 0	17°47	n.a.	W19
T 20	11 4 28	17°54'24	20°33	8°12	24°34	8°49	9°18	19°43	4°49	22°15	23°29	10°D12	8°57	17°54	n.a.	T 20
F 21	11 8 24	18°52'29	4♋26	9°19	25°47	9°34	9°32	19°50	4°50	22°17	23°27	10°13	8°54	18° 0	n.a.	F 21
S 22	11 12 21	19°50'33	18° 4	10°21	27° 0	10°18	9°46	19°58	4°52	22°19	23°26	10°14	8°51	18° 7	n.a.	S 22
S 23	11 16 17	20°48'34	1♌28	11°19	28°13	11° 2	10° 0	20° 5	4°53	22°21	23°24	10°16	8°47	18°14	n.a.	S 23
M24	11 20 14	21°46'33	14°40	12°11	29°26	11°47	10°14	20°12	4°55	22°23	23°23	10°R16	8°44	18°21	n.a.	M24
T 25	11 24 10	22°44'30	27°39	12°59	0♓39	12°31	10°29	20°19	4°56	22°25	23°21	10°14	8°41	18°27	n.a.	T 25
W26	11 28 7	23°42'26	10♍27	13°41	1°52	13°15	10°43	20°27	4°58	22°27	23°20	10°11	8°38	18°34	n.a.	W26
T 27	11 32 3	24°40'19	23° 3	14°18	3° 5	13°59	10°57	20°34	5° 0	22°29	23°19	10° 5	8°35	18°41	n.a.	T 27
F 28	11 36 0	25°38'11	5♎29	14°50	4°18	14°43	11°11	20°42	5° 2	22°31	23°17	9°58	8°32	18°48	n.a.	F 28
S 29	11 39 56	26°36'01	17°44	15°17	5°31	15°27	11°25	20°49	5° 3	22°33	23°16	9°50	8°28	18°54	n.a.	S 29
S 30	11 43 53	27°33'49	29°50	15°38	6°44	16°11	11°39	20°57	5° 5	22°35	23°15	9°41	8°25	19° 1	n.a.	S 30
M31	11 47 50	28♓31'37	11♏49	15♈54	7♓57	16♓55	11♓53	21♈ 4	5♊ 7	22♈38	23♌13	9♌33	8♌22	19♏ 8	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	11s52	0n18	4n29	10s20	0s30	21s 5	0s56	14s29	0s59	11s 4	1s14	5n 2	2s 9	21n32	0n 8	6n48	1s56	30n 3	17n26	17n51	18n 3	11s56		n.a.	S 1
S 2	11 31	3s59	4 58	9 23	0 20	20 50	0 58	14 13	0 59	10 59	1 14	5 5	2 9	21 32	0 8	6 49	1 56	30 4	17 26	17 52	18 4	11 58		n.a.	S 2
M 3	11 10	8 4	5 12	8 26	0 9	20 35	1 0	13 57	0 59	10 54	1 14	5 7	2 9	21 32	0 8	6 50	1 56	30 5	17 26	17 52	18 5	12 0		n.a.	M 3
T 4	10 49	11 47	5 13	7 29	0n 2	20 19	1 2	13 41	0 58	10 48	1 14	5 10	2 8	21 32	0 8	6 50	1 56	30 5	17 26	17 53	18 6	12 2		n.a.	T 4
W 5	10 27	15 2	5 1	6 31	0 13	20 2	1 4	13 25	0 58	10 43	1 14	5 13	2 8	21 32	0 8	6 51	1 56	30 6	17 26	17 53	18 6	12 4		n.a.	W 5
T 6	10 6	17 41	4 36	5 33	0 24	19 45	1 6	13 9	0 58	10 37	1 14	5 15	2 8	21 33	0 8	6 52	1 56	30 6	17 26	17 53	18 7	12 6		n.a.	T 6
F 7	9 44	19 36	3 58	4 35	0 36	19 28	1 8	12 52	0 57	10 32	1 14	5 18	2 8	21 33	0 8	6 52	1 56	30 7	17 26	17 53	18 8	12 8		n.a.	F 7
S 8	9 22	20 38	3 9	3 38	0 47	19 10	1 10	12 36	0 57	10 27	1 14	5 21	2 8	21 33	0 8	6 53	1 56	30 7	17 26	17 52	18 9	12 10		n.a.	S 8
S 9	9 0	20 41	2 10	2 42	0 59	18 51	1 11	12 19	0 57	10 21	1 14	5 23	2 7	21 33	0 8	6 54	1 56	30 8	17 26	17 52	18 10	12 12		n.a.	S 9
M10	8 38	19 40	1 3	1 47	1 10	18 32	1 13	12 3	0 56	10 16	1 14	5 26	2 7	21 33	0 8	6 54	1 56	30 8	17 26	17 52	18 11	12 14		n.a.	M10
T 11	8 16	17 33	0s 9	0 53	1 21	18 12	1 15	11 46	0 56	10 10	1 14	5 29	2 7	21 33	0 8	6 55	1 56	30 9	17 26	17 52	18 12	12 16		n.a.	T 11
W12	7 54	14 25	1 22	0n 0	1 32	17 52	1 16	11 29	0 56	10 5	1 14	5 32	2 7	21 34	0 8	6 56	1 56	30 9	17 25	17 52	18 12	12 18		n.a.	W12
T 13	7 31	10 23	2 32	0 51	1 43	17 31	1 17	11 12	0 55	10 0	1 14	5 35	2 7	21 34	0 8	6 57	1 56	30 10	17 25	17 52	18 13	12 20		n.a.	T 13
F 14	7 9	5 42	3 35	1 40	1 53	17 10	1 19	10 56	0 55	9 54	1 14	5 37	2 6	21 34	0 8	6 57	1 55	30 10	17 25	17 53	18 14	12 22		n.a.	F 14
S 15	6 46	0 38	4 24	2 27	2 2	16 48	1 20	10 39	0 55	9 49	1 14	5 40	2 6	21 34	0 8	6 58	1 55	30 10	17 25	17 55	18 15	12 24		n.a.	S 15
S 16	6 23	4n30	4 57	3 11	2 11	16 26	1 21	10 22	0 54	9 43	1 14	5 43	2 6	21 34	0 8	6 59	1 55	30 11	17 25	17 56	18 16	12 26		n.a.	S 16
M17	6 0	9 23	5 11	3 54	2 20	16 4	1 22	10 4	0 54	9 38	1 14	5 46	2 6	21 35	0 8	6 59	1 55	30 11	17 25	17 57	18 17	12 28		n.a.	M17
T 18	5 37	13 42	5 5	4 34	2 28	15 41	1 24	9 47	0 54	9 32	1 14	5 49	2 6	21 35	0 8	7 0	1 55	30 12	17 24	17 58	18 18	12 30		n.a.	T 18
W19	5 14	17 9	4 39	5 11	2 35	15 17	1 25	9 30	0 53	9 27	1 14	5 52	2 6	21 35	0 8	7 1	1 55	30 12	17 24	17 59	18 18	12 32		n.a.	W19
T 20	4 51	19 33	3 58	5 46	2 41	14 54	1 26	9 13	0 53	9 22	1 14	5 54	2 5	21 35	0 8	7 2	1 55	30 12	17 24	17 59	18 19	12 34		n.a.	T 20
F 21	4 28	20 44	3 2	6 17	2 46	14 29	1 26	8 55	0 52	9 16	1 14	5 57	2 5	21 36	0 8	7 2	1 55	30 13	17 24	17 59	18 20	12 36		n.a.	F 21
S 22	4 5	20 39	1 58	6 47	2 51	14 5	1 27	8 38	0 52	9 11	1 14	6 0	2 5	21 36	0 8	7 3	1 55	30 13	17 24	17 58	18 21	12 38		n.a.	S 22
S 23	3 42	19 24	0 48	7 13	2 54	13 40	1 28	8 20	0 52	9 5	1 14	6 3	2 5	21 36	0 8	7 4	1 55	30 13	17 23	17 58	18 22	12 40		n.a.	S 23
M24	3 19	17 5	0n24	7 36	2 57	13 15	1 29	8 3	0 51	9 0	1 14	6 6	2 5	21 36	0 8	7 5	1 55	30 14	17 23	17 58	18 23	12 42		n.a.	M24
T 25	2 56	13 56	1 33	7 57	2 59	12 49	1 29	7 45	0 51	8 55	1 14	6 9	2 5	21 37	0 8	7 6	1 55	30 14	17 23	17 58	18 23	12 44		n.a.	T 25
W26	2 32	10 10	2 36	8 14	2 59	12 23	1 30	7 28	0 50	8 49	1 15	6 12	2 5	21 37	0 8	7 6	1 55	30 14	17 23	17 59	18 24	12 46		n.a.	W26
T 27	2 9	6 1	3 30	8 28	2 59	11 57	1 30	7 10	0 50	8 44	1 15	6 15	2 4	21 37	0 8	7 7	1 55	30 14	17 22	18 1	18 25	12 48		n.a.	T 27
F 28	1 46	1 40	4 14	8 39	2 58	11 30	1 31	6 52	0 50	8 38	1 15	6 18	2 4	21 38	0 8	7 8	1 55	30 15	17 22	18 3	18 26	12 50		n.a.	F 28
S 29	1 22	2s42	4 45	8 48	2 55	11 3	1 31	6 35	0 49	8 33	1 15	6 21	2 4	21 38	0 8	7 9	1 55	30 15	17 22	18 5	18 27	12 52		n.a.	S 29
S 30	0 59	6 53	5 2	8 53	2 51	10 36	1 31	6 17	0 49	8 27	1 15	6 24	2 4	21 38	0 8	7 10	1 55	30 15	17 22	18 7	18 28	12 54		n.a.	S 30
M31	0s36	10s46	5n 7	8n54	2n46	10s 8	1s32	5s59	0s48	8s22	1s15	6n27	2s 4	21n39	0n 8	7n10	1s55	30n15	17n21	18n10	18n29	12s56		n.a.	M31

Julian Day Number = 1268572.5, Delta T = 08h19m22s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'15, Lahiri = -21°04'14 Julian Calendar 1 March 1240 BCE == Greg. Calendar 18 Feb. 1240 BCE

The year -1239 astronomical counting style corresponds to year 1240 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1240 BCE
geocentric

APRIL 1240 BCE (-1239) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 51 46	29♓29'22	23♏42	16♈ 5	9♓10	17♓39	12♓ 7	21♈12	5♊ 9	22♈40	23°R12	9°R26	8♌19	19♏14	n.a.	T 1
W 2	11 55 43	0♈27'07	5♐34	16°11	10°23	18°23	12°21	21°19	5°11	22°42	23♌11	9♌21	8°16	19°21	n.a.	W 2
T 3	11 59 39	1°24'50	17°28	16°R12	11°36	19° 7	12°35	21°27	5°13	22°44	23°10	9°17	8°12	19°28	n.a.	T 3
F 4	12 3 36	2°22'32	29°29	16° 8	12°50	19°50	12°49	21°35	5°15	22°46	23° 8	9°D16	8° 9	19°35	n.a.	F 4
S 5	12 7 32	3°20'12	11♑41	15°59	14° 3	20°34	13° 3	21°42	5°17	22°48	23° 7	9°16	8° 6	19°41	n.a.	S 5
S 6	12 11 29	4°17'52	24° 9	15°46	15°16	21°17	13°16	21°50	5°19	22°50	23° 6	9°17	8° 3	19°48	n.a.	S 6
M 7	12 15 25	5°15'30	6♒59	15°29	16°29	22° 1	13°30	21°58	5°21	22°52	23° 5	9°R18	8° 0	19°55	n.a.	M 7
T 8	12 19 22	6°13'07	20°13	15° 7	17°42	22°45	13°44	22° 5	5°24	22°55	23° 4	9°18	7°57	20° 1	n.a.	T 8
W 9	12 23 19	7°10'43	3♓55	14°43	18°55	23°28	13°58	22°13	5°26	22°57	23° 3	9°15	7°53	20° 8	n.a.	W 9
T 10	12 27 15	8° 8'17	18° 4	14°15	20° 8	24°11	14°11	22°21	5°28	22°59	23° 2	9°10	7°50	20°15	n.a.	T 10
F 11	12 31 12	9° 5'50	2♈36	13°45	21°21	24°55	14°25	22°29	5°31	23° 1	23° 1	9° 3	7°47	20°22	n.a.	F 11
S 12	12 35 8	10° 3'22	17°26	13°13	22°35	25°38	14°39	22°36	5°33	23° 3	22°59	8°55	7°44	20°28	n.a.	S 12
S 13	12 39 5	11° 0'53	2♉26	12°40	23°48	26°21	14°52	22°44	5°35	23° 5	22°59	8°46	7°41	20°35	n.a.	S 13
M14	12 43 1	11°58'22	17°26	12° 6	25° 1	27° 4	15° 6	22°52	5°38	23° 8	22°58	8°37	7°38	20°42	n.a.	M14
T 15	12 46 58	12°55'50	2♊16	11°31	26°14	27°47	15°19	23° 0	5°40	23°10	22°57	8°30	7°34	20°49	n.a.	T 15
W16	12 50 54	13°53'17	16°50	10°57	27°27	28°31	15°32	23° 8	5°43	23°12	22°56	8°25	7°31	20°55	n.a.	W16
T 17	12 54 51	14°50'42	1♋ 5	10°24	28°40	29°14	15°46	23°16	5°46	23°14	22°55	8°22	7°28	21° 2	n.a.	T 17
F 18	12 58 48	15°48'06	14°57	9°52	29°54	29°57	15°59	23°24	5°48	23°17	22°54	8°D21	7°25	21° 9	n.a.	F 18
S 19	13 2 44	16°45'28	28°28	9°23	1♈ 7	0♈39	16°12	23°32	5°51	23°19	22°53	8°22	7°22	21°15	n.a.	S 19
S 20	13 6 41	17°42'49	11♌40	8°56	2°20	1°22	16°26	23°39	5°53	23°21	22°52	8°R22	7°18	21°22	n.a.	S 20
M21	13 10 37	18°40'09	24°36	8°31	3°33	2° 5	16°39	23°47	5°56	23°23	22°52	8°21	7°15	21°29	n.a.	M21
T 22	13 14 34	19°37'27	7♍18	8°11	4°46	2°48	16°52	23°55	5°59	23°25	22°51	8°18	7°12	21°36	n.a.	T 22
W23	13 18 30	20°34'44	19°48	7°54	6° 0	3°30	17° 5	24° 3	6° 2	23°28	22°50	8°12	7° 9	21°42	n.a.	W23
T 24	13 22 27	21°32'00	2♎ 9	7°40	7°13	4°13	17°18	24°11	6° 5	23°30	22°49	8° 3	7° 6	21°49	n.a.	T 24
F 25	13 26 23	22°29'15	14°21	7°31	8°26	4°56	17°31	24°19	6° 7	23°32	22°49	7°52	7° 3	21°56	n.a.	F 25
S 26	13 30 20	23°26'29	26°27	7°26	9°39	5°38	17°44	24°27	6°10	23°34	22°48	7°39	6°59	22° 2	n.a.	S 26
S 27	13 34 17	24°23'42	8♏26	7°D26	10°53	6°20	17°57	24°35	6°13	23°37	22°48	7°26	6°56	22° 9	n.a.	S 27
M28	13 38 13	25°20'54	20°21	7°30	12° 6	7° 3	18° 9	24°43	6°16	23°39	22°47	7°14	6°53	22°16	n.a.	M28
T 29	13 42 10	26°18'06	2♐13	7°39	13°19	7°45	18°22	24°51	6°19	23°41	22°47	7° 2	6°50	22°23	n.a.	T 29
W30	13 46 6	27♈15'17	14♐ 4	7♈52	14♈32	8♈28	18♓35	24♈59	6♊22	23♈43	22♌46	6♌54	6♌47	22♏29	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s12	14s13	4n58	8n53	2n40	9s41	1s32	5s41	0s48	8s17	1s15	6n30	2s 4	21n39	0n 8	7n11	1s55	30n15	17n21	18n12	18n29	12s58		n.a.
W 2	0n11	17 4	4 36	8 49	2 33	9 12	1 32	5 24	0 47	8 11	1 15	6 33	2 4	21 39	0 8	7 12	1 55	30 15	17 21	18 13	18 30	13 0		n.a.
T 3	0 34	19 14	4 2	8 41	2 24	8 44	1 32	5 6	0 47	8 6	1 15	6 36	2 4	21 40	0 8	7 13	1 55	30 16	17 20	18 14	18 31	13 2		n.a.
F 4	0 58	20 33	3 17	8 31	2 15	8 16	1 32	4 48	0 46	8 1	1 15	6 39	2 3	21 40	0 8	7 14	1 55	30 16	17 20	18 14	18 32	13 4		n.a.
S 5	1 21	20 57	2 23	8 18	2 4	7 47	1 32	4 30	0 46	7 55	1 15	6 42	2 3	21 41	0 8	7 14	1 55	30 16	17 20	18 14	18 33	13 6		n.a.
S 6	1 44	20 19	1 20	8 2	1 52	7 18	1 31	4 12	0 46	7 50	1 15	6 45	2 3	21 41	0 8	7 15	1 55	30 16	17 19	18 14	18 34	13 8		n.a.
M 7	2 7	18 38	0 12	7 43	1 39	6 49	1 31	3 54	0 45	7 45	1 15	6 48	2 3	21 41	0 8	7 16	1 55	30 16	17 19	18 14	18 34	13 10		n.a.
T 8	2 31	15 54	0s58	7 22	1 26	6 20	1 31	3 36	0 45	7 39	1 15	6 51	2 3	21 42	0 8	7 17	1 55	30 16	17 19	18 14	18 35	13 12		n.a.
W 9	2 54	12 13	2 8	6 59	1 11	5 50	1 30	3 19	0 44	7 34	1 15	6 54	2 3	21 42	0 8	7 18	1 55	30 16	17 18	18 14	18 36	13 14		n.a.
T 10	3 17	7 44	3 12	6 34	0 56	5 21	1 30	3 1	0 44	7 29	1 15	6 57	2 3	21 43	0 8	7 19	1 55	30 16	17 18	18 16	18 37	13 16		n.a.
F 11	3 40	2 41	4 5	6 7	0 40	4 51	1 29	2 43	0 43	7 23	1 15	7 0	2 3	21 43	0 8	7 19	1 55	30 16	17 17	18 18	18 38	13 18		n.a.
S 12	4 3	2n37	4 43	5 39	0 23	4 21	1 29	2 25	0 43	7 18	1 16	7 3	2 3	21 43	0 8	7 20	1 55	30 16	17 17	18 20	18 39	13 20		n.a.
S 13	4 26	7 48	5 2	5 11	0 6	3 51	1 28	2 7	0 42	7 13	1 16	7 6	2 3	21 44	0 8	7 21	1 54	30 16	17 17	18 22	18 39	13 22		n.a.
M14	4 49	12 31	5 0	4 42	0s11	3 21	1 27	1 49	0 42	7 8	1 16	7 9	2 2	21 44	0 8	7 22	1 54	30 16	17 16	18 25	18 40	13 24		n.a.
T 15	5 11	16 25	4 38	4 12	0 28	2 50	1 27	1 31	0 41	7 2	1 16	7 12	2 2	21 45	0 8	7 23	1 54	30 16	17 16	18 27	18 41	13 26		n.a.
W16	5 34	19 13	3 58	3 43	0 45	2 20	1 26	1 13	0 41	6 57	1 16	7 15	2 2	21 45	0 8	7 24	1 54	30 16	17 15	18 28	18 42	13 28		n.a.
T 17	5 57	20 45	3 5	3 15	1 1	1 50	1 25	0 56	0 40	6 52	1 16	7 18	2 2	21 46	0 8	7 25	1 54	30 16	17 15	18 29	18 43	13 29		n.a.
F 18	6 19	20 59	2 1	2 47	1 18	1 19	1 24	0 38	0 40	6 47	1 16	7 21	2 2	21 46	0 8	7 25	1 54	30 16	17 15	18 29	18 44	13 31		n.a.
S 19	6 42	19 57	0 52	2 21	1 33	0 49	1 23	0 20	0 39	6 42	1 16	7 24	2 2	21 47	0 8	7 26	1 54	30 16	17 14	18 29	18 44	13 33		n.a.
S 20	7 4	17 51	0n18	1 56	1 48	0 18	1 22	0 2	0 39	6 37	1 16	7 27	2 2	21 47	0 8	7 27	1 54	30 16	17 14	18 29	18 45	13 35		n.a.
M21	7 26	14 53	1 25	1 34	2 2	0n12	1 21	0n16	0 38	6 31	1 16	7 30	2 2	21 48	0 8	7 28	1 54	30 16	17 13	18 29	18 46	13 37		n.a.
T 22	7 48	11 15	2 27	1 13	2 16	0 43	1 19	0 33	0 38	6 26	1 16	7 33	2 2	21 48	0 8	7 29	1 54	30 15	17 13	18 30	18 47	13 39		n.a.
W23	8 10	7 10	3 21	0 55	2 28	1 14	1 18	0 51	0 37	6 21	1 17	7 36	2 2	21 49	0 8	7 30	1 54	30 15	17 12	18 31	18 48	13 41		n.a.
T 24	8 32	2 51	4 4	0 39	2 40	1 44	1 17	1 9	0 37	6 16	1 17	7 39	2 2	21 49	0 8	7 30	1 54	30 15	17 12	18 34	18 48	13 43		n.a.
F 25	8 54	1s31	4 36	0 26	2 50	2 15	1 15	1 26	0 36	6 11	1 17	7 42	2 2	21 50	0 8	7 31	1 54	30 15	17 12	18 36	18 49	13 45		n.a.
S 26	9 15	5 48	4 55	0 16	2 59	2 45	1 14	1 44	0 36	6 6	1 17	7 45	2 2	21 50	0 8	7 32	1 54	30 15	17 11	18 40	18 50	13 47		n.a.
S 27	9 37	9 49	5 0	0 8	3 7	3 16	1 13	2 1	0 35	6 1	1 17	7 48	2 2	21 51	0 8	7 33	1 54	30 14	17 11	18 43	18 51	13 49		n.a.
M28	9 58	13 26	4 53	0 3	3 14	3 46	1 11	2 19	0 35	5 56	1 17	7 51	2 2	21 51	0 8	7 34	1 54	30 14	17 10	18 46	18 52	13 51		n.a.
T 29	10 19	16 30	4 32	0 1	3 20	4 17	1 10	2 36	0 34	5 51	1 17	7 54	2 1	21 52	0 8	7 35	1 54	30 14	17 10	18 49	18 53	13 53		n.a.
W30	10n40	18s54	4n 0	0n 2	3s25	4n47	1s 8	2n54	0s33	5s46	1s17	7n57	2s 1	21n52	0n 8	7n35	1s54	30n14	17n 9	18n52	18n53	13s55		n.a.

Julian Day Number = 1268603.5, Delta T = 08h19m20s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'10, Lahiri = -21°04'10 Julian Calendar 1 Apr. 1240 BCE == Greg. Calendar 21 March 1240 BCE

The year -1239 astronomical counting style corresponds to year 1240 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1240 BCE
geocentric

MAY 1240 BCE (-1239) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 50 3	28♈12'28	25♐58	8♈ 9	15♈46	9♈10	18♓47	25♈ 7	6♊25	23♈46	22°R46	6°R48	6♌43	22♏36	n.a.	T 1
F 2	13 53 59	29° 9'38	7♑58	8°32	16°59	9°52	19° 0	25°15	6°28	23°48	22♌45	6♌44	6°40	22°43	n.a.	F 2
S 3	13 57 56	0♉ 6'48	20° 8	8°58	18°12	10°34	19°12	25°22	6°31	23°50	22°45	6°43	6°37	22°49	n.a.	S 3
S 4	14 1 52	1° 3'57	2♒34	9°29	19°26	11°16	19°25	25°30	6°34	23°52	22°44	6°42	6°34	22°56	n.a.	S 4
M 5	14 5 49	2° 1'06	15°20	10° 4	20°39	11°58	19°37	25°38	6°38	23°55	22°44	6°42	6°31	23° 3	n.a.	M 5
T 6	14 9 46	2°58'15	28°31	10°43	21°52	12°40	19°49	25°46	6°41	23°57	22°44	6°41	6°28	23°10	n.a.	T 6
W 7	14 13 42	3°55'23	12♓11	11°27	23° 6	13°22	20° 1	25°54	6°44	23°59	22°43	6°38	6°24	23°16	n.a.	W 7
T 8	14 17 39	4°52'31	26°20	12°14	24°19	14° 4	20°13	26° 2	6°47	24° 1	22°43	6°32	6°21	23°23	n.a.	T 8
F 9	14 21 35	5°49'39	10♈57	13° 6	25°32	14°46	20°25	26°10	6°50	24° 3	22°43	6°24	6°18	23°30	n.a.	F 9
S 10	14 25 32	6°46'47	25°56	14° 1	26°46	15°27	20°37	26°18	6°54	24° 6	22°43	6°14	6°15	23°36	n.a.	S 10
S 11	14 29 28	7°43'54	11♉ 9	15° 0	27°59	16° 9	20°49	26°25	6°57	24° 8	22°43	6° 3	6°12	23°43	n.a.	S 11
M12	14 33 25	8°41'01	26°25	16° 3	29°13	16°51	21° 1	26°33	7° 0	24°10	22°43	5°53	6° 9	23°50	n.a.	M12
T 13	14 37 21	9°38'08	11♊32	17°10	0♉26	17°32	21°13	26°41	7° 4	24°12	22°42	5°44	6° 5	23°57	n.a.	T 13
W14	14 41 18	10°35'14	26°22	18°20	1°40	18°14	21°24	26°49	7° 7	24°14	22°42	5°38	6° 2	24° 3	n.a.	W14
T 15	14 45 15	11°32'20	10♋48	19°33	2°53	18°55	21°36	26°57	7°10	24°17	22°D42	5°34	5°59	24°10	n.a.	T 15
F 16	14 49 11	12°29'25	24°48	20°51	4° 7	19°37	21°47	27° 4	7°14	24°19	22°42	5°33	5°56	24°17	n.a.	F 16
S 17	14 53 8	13°26'29	8♌22	22°11	5°20	20°18	21°59	27°12	7°17	24°21	22°43	5°33	5°53	24°24	n.a.	S 17
S 18	14 57 4	14°23'33	21°32	23°35	6°34	21° 0	22°10	27°20	7°21	24°23	22°43	5°32	5°49	24°30	n.a.	S 18
M19	15 1 1	15°20'37	4♍22	25° 3	7°47	21°41	22°21	27°28	7°24	24°25	22°43	5°31	5°46	24°37	n.a.	M19
T 20	15 4 57	16°17'40	16°55	26°34	9° 1	22°22	22°32	27°35	7°27	24°27	22°43	5°28	5°43	24°44	n.a.	T 20
W21	15 8 54	17°14'43	29°15	28° 8	10°14	23° 3	22°43	27°43	7°31	24°29	22°43	5°22	5°40	24°50	n.a.	W21
T 22	15 12 51	18°11'46	11♎25	29°46	11°28	23°44	22°54	27°51	7°34	24°31	22°43	5°14	5°37	24°57	n.a.	T 22
F 23	15 16 47	19° 8'49	23°28	1♉26	12°41	24°25	23° 5	27°58	7°38	24°34	22°44	5° 3	5°34	25° 4	n.a.	F 23
S 24	15 20 44	20° 5'51	5♏25	3°10	13°55	25° 6	23°15	28° 6	7°41	24°36	22°44	4°51	5°30	25°11	n.a.	S 24
S 25	15 24 40	21° 2'54	17°20	4°57	15° 8	25°47	23°26	28°13	7°45	24°38	22°44	4°38	5°27	25°17	n.a.	S 25
M26	15 28 37	21°59'57	29°12	6°47	16°22	26°28	23°36	28°21	7°49	24°40	22°45	4°25	5°24	25°24	n.a.	M26
T 27	15 32 33	22°57'00	11♐ 4	8°39	17°36	27° 9	23°47	28°28	7°52	24°42	22°45	4°14	5°21	25°31	n.a.	T 27
W28	15 36 30	23°54'03	22°57	10°35	18°49	27°50	23°57	28°36	7°56	24°44	22°45	4° 5	5°18	25°37	n.a.	W28
T 29	15 40 26	24°51'07	4♑53	12°33	20° 3	28°30	24° 7	28°43	7°59	24°46	22°46	3°59	5°15	25°44	n.a.	T 29
F 30	15 44 23	25°48'11	16°56	14°33	21°16	29°11	24°17	28°51	8° 3	24°48	22°46	3°56	5°11	25°51	n.a.	F 30
S 31	15 48 20	26♉45'15	29♑ 9	16♉35	22♉30	29♈52	24♓27	28♈58	8♊ 6	24♈50	22♌47	3°D54	5♌ 8	25♏58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n 1	20s29	3n18	0n 6	3s29	5n17	1s 6	3n11	0s33	5s42	1s17	8n 0	2s 1	21n53	0n 8	7n36	1s54	30n13	17n 9	18n53	18n54	13s57		n.a.
F 2	11 21	21 10	2 26	0 12	3 32	5 47	1 5	3 29	0 32	5 37	1 18	8 3	2 1	21 53	0 8	7 37	1 54	30 13	17 8	18 54	18 55	13 59		n.a.
S 3	11 42	20 53	1 27	0 21	3 34	6 17	1 3	3 46	0 32	5 32	1 18	8 6	2 1	21 54	0 8	7 38	1 54	30 13	17 8	18 54	18 56	14 0		n.a.
S 4	12 2	19 34	0 22	0 32	3 35	6 47	1 1	4 3	0 31	5 27	1 18	8 9	2 1	21 54	0 8	7 39	1 54	30 12	17 7	18 54	18 57	14 2		n.a.
M 5	12 22	17 14	0s46	0 46	3 35	7 17	0 59	4 20	0 31	5 22	1 18	8 12	2 1	21 55	0 8	7 40	1 54	30 12	17 7	18 55	18 57	14 4		n.a.
T 6	12 42	13 56	1 53	1 3	3 33	7 47	0 57	4 37	0 30	5 17	1 18	8 15	2 1	21 55	0 8	7 40	1 54	30 12	17 6	18 55	18 58	14 6		n.a.
W 7	13 2	9 48	2 56	1 22	3 32	8 16	0 55	4 54	0 30	5 13	1 18	8 17	2 1	21 56	0 8	7 41	1 54	30 11	17 6	18 56	18 59	14 8		n.a.
T 8	13 22	4 59	3 50	1 43	3 29	8 45	0 54	5 12	0 29	5 8	1 18	8 20	2 1	21 57	0 8	7 42	1 54	30 11	17 5	18 57	19 0	14 10		n.a.
F 9	13 41	0n15	4 32	2 7	3 25	9 14	0 52	5 28	0 28	5 3	1 18	8 23	2 1	21 57	0 8	7 43	1 54	30 11	17 5	18 59	19 1	14 12		n.a.
S 10	14 0	5 36	4 56	2 32	3 21	9 43	0 50	5 45	0 28	4 59	1 19	8 26	2 1	21 58	0 8	7 44	1 54	30 10	17 4	19 2	19 1	14 14		n.a.
S 11	14 19	10 41	4 59	3 0	3 16	10 12	0 47	6 2	0 27	4 54	1 19	8 29	2 1	21 58	0 8	7 45	1 54	30 10	17 4	19 4	19 2	14 16		n.a.
M12	14 38	15 7	4 42	3 30	3 10	10 40	0 45	6 19	0 27	4 49	1 19	8 32	2 1	21 59	0 8	7 45	1 54	30 9	17 3	19 7	19 3	14 18		n.a.
T 13	14 56	18 31	4 4	4 2	3 4	11 8	0 43	6 36	0 26	4 45	1 19	8 35	2 1	21 59	0 8	7 46	1 54	30 9	17 3	19 9	19 4	14 20		n.a.
W14	15 15	20 36	3 11	4 35	2 57	11 36	0 41	6 52	0 26	4 40	1 19	8 38	2 1	22 0	0 8	7 47	1 54	30 8	17 2	19 11	19 5	14 22		n.a.
T 15	15 33	21 17	2 7	5 10	2 49	12 4	0 39	7 9	0 25	4 36	1 19	8 40	2 1	22 1	0 8	7 48	1 54	30 8	17 2	19 12	19 5	14 23		n.a.
F 16	15 51	20 36	0 56	5 47	2 41	12 31	0 37	7 25	0 24	4 31	1 20	8 43	2 1	22 1	0 8	7 49	1 54	30 7	17 1	19 12	19 6	14 25		n.a.
S 17	16 8	18 43	0n15	6 26	2 32	12 59	0 35	7 42	0 24	4 27	1 20	8 46	2 1	22 2	0 8	7 49	1 54	30 7	17 1	19 12	19 7	14 27		n.a.
S 18	16 25	15 53	1 24	7 6	2 23	13 25	0 32	7 58	0 23	4 23	1 20	8 49	2 1	22 2	0 8	7 50	1 54	30 6	17 0	19 12	19 8	14 29		n.a.
M19	16 43	12 20	2 26	7 48	2 13	13 52	0 30	8 14	0 23	4 18	1 20	8 52	2 1	22 3	0 8	7 51	1 55	30 6	17 0	19 12	19 9	14 31		n.a.
T 20	16 59	8 19	3 20	8 30	2 3	14 18	0 28	8 30	0 22	4 14	1 20	8 54	2 1	22 3	0 8	7 52	1 55	30 5	16 59	19 13	19 9	14 33		n.a.
W21	17 16	4 1	4 4	9 14	1 52	14 44	0 26	8 46	0 21	4 10	1 20	8 57	2 1	22 4	0 8	7 52	1 55	30 5	16 59	19 15	19 10	14 35		n.a.
T 22	17 32	0s22	4 36	9 59	1 42	15 9	0 23	9 2	0 21	4 6	1 21	9 0	2 1	22 5	0 8	7 53	1 55	30 4	16 58	19 17	19 11	14 37		n.a.
F 23	17 48	4 42	4 55	10 45	1 30	15 34	0 21	9 18	0 20	4 1	1 21	9 3	2 1	22 5	0 8	7 54	1 55	30 4	16 57	19 19	19 12	14 39		n.a.
S 24	18 4	8 50	5 1	11 32	1 19	15 59	0 19	9 34	0 20	3 57	1 21	9 5	2 1	22 6	0 8	7 55	1 55	30 3	16 57	19 22	19 13	14 40		n.a.
S 25	18 19	12 36	4 54	12 20	1 8	16 23	0 16	9 50	0 19	3 53	1 21	9 8	2 1	22 6	0 8	7 55	1 55	30 2	16 56	19 26	19 13	14 42		n.a.
M26	18 34	15 52	4 34	13 8	0 56	16 47	0 14	10 6	0 18	3 49	1 21	9 11	2 1	22 7	0 8	7 56	1 55	30 2	16 56	19 29	19 14	14 44		n.a.
T 27	18 49	18 29	4 2	13 56	0 44	17 11	0 12	10 21	0 18	3 45	1 21	9 13	2 1	22 8	0 8	7 57	1 55	30 1	16 55	19 31	19 15	14 46		n.a.
W28	19 4	20 20	3 19	14 44	0 33	17 34	0 9	10 36	0 17	3 41	1 22	9 16	2 1	22 8	0 8	7 58	1 55	30 1	16 55	19 33	19 16	14 48		n.a.
T 29	19 18	21 17	2 28	15 32	0 21	17 56	0 7	10 52	0 17	3 37	1 22	9 19	2 1	22 9	0 8	7 58	1 55	30 0	16 54	19 35	19 17	14 50		n.a.
F 30	19 32	21 16	1 29	16 19	0 9	18 19	0 4	11 7	0 16	3 33	1 22	9 21	2 1	22 9	0 8	7 59	1 55	29 59	16 54	19 36	19 17	14 52		n.a.
S 31	19n45	20s15	0n25	17n 6	0n 2	18n40	0s 2	11n22	0s15	3s29	1s22	9n24	2s 2	22n10	0n 8	8n 0	1s55	29n59	16n53	19n36	19n18	14s54		n.a.

Julian Day Number = 1268633.5, Delta T = 08h19m19s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'06, Lahiri = -21°04'06 Julian Calendar 1 May 1240 BCE == Greg. Calendar 20 Apr. 1240 BCE

The year -1239 astronomical counting style corresponds to year 1240 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1240 BCE
geocentric

JUNE 1240 BCE (-1239) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 52 16	27♉42'20	11♒36	18♉39	23♉44	0♉32	24♓37	29♈ 5	8♊10	24♈52	22♌47	3♌54	5♌ 5	26♏ 4	n.a.	S 1
M 2	15 56 13	28°39'26	24°21	20°44	24°58	1°13	24°47	29°13	8°14	24°54	22°48	3°R55	5° 2	26°11	n.a.	M 2
T 3	16 0 9	29°36'32	7♓28	22°51	26°11	1°53	24°57	29°20	8°17	24°56	22°49	3°55	4°59	26°18	n.a.	T 3
W 4	16 4 6	0♊33'39	21° 2	24°58	27°25	2°34	25° 6	29°27	8°21	24°57	22°49	3°53	4°55	26°24	n.a.	W 4
T 5	16 8 2	1°30'47	5♈ 4	27° 7	28°39	3°14	25°16	29°34	8°25	24°59	22°50	3°49	4°52	26°31	n.a.	T 5
F 6	16 11 59	2°27'55	19°34	29°15	29°53	3°54	25°25	29°41	8°28	25° 1	22°51	3°43	4°49	26°38	n.a.	F 6
S 7	16 15 55	3°25'05	4♉27	1♊24	1♊ 6	4°35	25°34	29°48	8°32	25° 3	22°51	3°35	4°46	26°45	n.a.	S 7
S 8	16 19 52	4°22'15	19°37	3°32	2°20	5°15	25°43	29°55	8°36	25° 5	22°52	3°26	4°43	26°51	n.a.	S 8
M 9	16 23 49	5°19'25	4♊54	5°40	3°34	5°55	25°52	0♉ 2	8°39	25° 7	22°53	3°18	4°40	26°58	n.a.	M 9
T 10	16 27 45	6°16'37	20° 7	7°48	4°48	6°35	26° 1	0° 9	8°43	25° 9	22°54	3°11	4°36	27° 5	n.a.	T 10
W11	16 31 42	7°13'49	5♋ 5	9°54	6° 2	7°15	26° 9	0°16	8°47	25°10	22°55	3° 6	4°33	27°11	n.a.	W11
T 12	16 35 38	8°11'02	19°41	12° 0	7°16	7°55	26°18	0°23	8°50	25°12	22°56	3° 3	4°30	27°18	n.a.	T 12
F 13	16 39 35	9° 8'15	3♌50	14° 4	8°30	8°35	26°26	0°30	8°54	25°14	22°56	3°D 3	4°27	27°25	n.a.	F 13
S 14	16 43 31	10° 5'28	17°31	16° 7	9°43	9°15	26°35	0°37	8°58	25°16	22°57	3° 3	4°24	27°32	n.a.	S 14
S 15	16 47 28	11° 2'42	0♍45	18° 8	10°57	9°55	26°43	0°43	9° 1	25°17	22°58	3° 4	4°21	27°38	n.a.	S 15
M16	16 51 25	11°59'57	13°36	20° 8	12°11	10°34	26°51	0°50	9° 5	25°19	22°59	3°R 5	4°17	27°45	n.a.	M16
T 17	16 55 21	12°57'12	26° 8	22° 7	13°25	11°14	26°59	0°57	9° 9	25°21	23° 1	3° 4	4°14	27°52	n.a.	T 17
W18	16 59 18	13°54'27	8♎24	24° 4	14°39	11°54	27° 6	1° 3	9°12	25°22	23° 2	3° 1	4°11	27°58	n.a.	W18
T 19	17 3 14	14°51'44	20°29	25°59	15°53	12°33	27°14	1°10	9°16	25°24	23° 3	2°56	4° 8	28° 5	n.a.	T 19
F 20	17 7 11	15°49'01	2♏27	27°53	17° 7	13°13	27°21	1°16	9°20	25°25	23° 4	2°49	4° 5	28°12	n.a.	F 20
S 21	17 11 7	16°46'19	14°21	29°45	18°21	13°53	27°29	1°23	9°23	25°27	23° 5	2°41	4° 1	28°19	n.a.	S 21
S 22	17 15 4	17°43'37	26°13	1♋35	19°35	14°32	27°36	1°29	9°27	25°28	23° 6	2°33	3°58	28°25	n.a.	S 22
M23	17 19 0	18°40'57	8♐ 5	3°24	20°49	15°11	27°43	1°35	9°30	25°30	23° 7	2°25	3°55	28°32	n.a.	M23
T 24	17 22 57	19°38'18	20° 0	5°11	22° 3	15°51	27°50	1°41	9°34	25°31	23° 9	2°17	3°52	28°39	n.a.	T 24
W25	17 26 54	20°35'40	1♑59	6°57	23°17	16°30	27°56	1°48	9°38	25°33	23°10	2°12	3°49	28°45	n.a.	W25
T 26	17 30 50	21°33'03	14° 3	8°41	24°31	17° 9	28° 3	1°54	9°41	25°34	23°11	2° 8	3°46	28°52	n.a.	T 26
F 27	17 34 47	22°30'28	26°15	10°23	25°46	17°48	28° 9	2° 0	9°45	25°36	23°13	2°D 7	3°42	28°59	n.a.	F 27
S 28	17 38 43	23°27'54	8♒37	12° 4	27° 0	18°28	28°15	2° 6	9°48	25°37	23°14	2° 7	3°39	29° 5	n.a.	S 28
S 29	17 42 40	24°25'21	21°12	13°43	28°14	19° 7	28°21	2°12	9°52	25°38	23°15	2° 8	3°36	29°12	n.a.	S 29
M30	17 46 36	25♊22'49	4♓ 2	15♋20	29♊28	19♉46	28♓27	2♉17	9♊56	25♈40	23♌17	2♌10	3♌33	29♏19	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n59	18s15	0s41	17n52	0n13	19n 1	0n 0	11n37	0s15	3s26	1s22	9n26	2s 2	22n11	0n 9	8n 0	1s55	29n58	16n53	19n36	19n19	14s56		n.a.
M 2	20 12	15 18	1 47	18 37	0 23	19 22	0 3	11 52	0 14	3 22	1 23	9 29	2 2	22 11	0 9	8 1	1 55	29 57	16 52	19 36	19 20	14 57		n.a.
T 3	20 24	11 31	2 49	19 20	0 34	19 42	0 5	12 7	0 14	3 18	1 23	9 32	2 2	22 12	0 9	8 2	1 55	29 57	16 52	19 36	19 20	14 59		n.a.
W 4	20 37	7 2	3 44	20 2	0 43	20 2	0 7	12 22	0 13	3 15	1 23	9 34	2 2	22 12	0 9	8 2	1 55	29 56	16 51	19 36	19 21	15 1		n.a.
T 5	20 49	2 2	4 27	20 42	0 53	20 21	0 10	12 36	0 12	3 11	1 23	9 37	2 2	22 13	0 9	8 3	1 55	29 55	16 51	19 37	19 22	15 3		n.a.
F 6	21 0	3n14	4 55	21 19	1 1	20 40	0 12	12 51	0 12	3 7	1 23	9 39	2 2	22 14	0 9	8 4	1 55	29 54	16 50	19 39	19 23	15 5		n.a.
S 7	21 11	8 27	5 4	21 55	1 9	20 58	0 14	13 5	0 11	3 4	1 24	9 42	2 2	22 14	0 9	8 4	1 55	29 54	16 50	19 41	19 24	15 7		n.a.
S 8	21 22	13 14	4 53	22 28	1 17	21 15	0 17	13 20	0 10	3 0	1 24	9 44	2 2	22 15	0 9	8 5	1 55	29 53	16 49	19 43	19 24	15 9		n.a.
M 9	21 33	17 13	4 20	22 59	1 23	21 32	0 19	13 34	0 10	2 57	1 24	9 46	2 2	22 15	0 9	8 6	1 55	29 52	16 49	19 45	19 25	15 10		n.a.
T 10	21 43	20 0	3 29	23 27	1 29	21 48	0 21	13 48	0 9	2 54	1 24	9 49	2 2	22 16	0 9	8 6	1 55	29 51	16 48	19 46	19 26	15 12		n.a.
W11	21 53	21 21	2 24	23 52	1 34	22 4	0 24	14 2	0 8	2 50	1 24	9 51	2 2	22 17	0 9	8 7	1 55	29 51	16 48	19 47	19 27	15 14		n.a.
T 12	22 2	21 12	1 11	24 14	1 39	22 19	0 26	14 16	0 8	2 47	1 25	9 54	2 2	22 17	0 9	8 8	1 55	29 50	16 47	19 48	19 27	15 16		n.a.
F 13	22 11	19 41	0n 4	24 34	1 43	22 33	0 28	14 29	0 7	2 44	1 25	9 56	2 2	22 18	0 9	8 8	1 55	29 49	16 47	19 48	19 28	15 18		n.a.
S 14	22 20	17 4	1 17	24 52	1 46	22 47	0 30	14 43	0 7	2 41	1 25	9 58	2 2	22 18	0 9	8 9	1 55	29 48	16 46	19 48	19 29	15 20		n.a.
S 15	22 28	13 37	2 23	25 6	1 49	23 0	0 33	14 56	0 6	2 38	1 25	10 0	2 3	22 19	0 9	8 9	1 55	29 47	16 46	19 48	19 30	15 22		n.a.
M16	22 36	9 37	3 20	25 18	1 50	23 12	0 35	15 10	0 5	2 35	1 26	10 3	2 3	22 19	0 9	8 10	1 55	29 47	16 45	19 48	19 30	15 23		n.a.
T 17	22 44	5 19	4 6	25 27	1 51	23 24	0 37	15 23	0 5	2 32	1 26	10 5	2 3	22 20	0 9	8 11	1 55	29 46	16 45	19 48	19 31	15 25		n.a.
W18	22 51	0 53	4 40	25 34	1 52	23 35	0 39	15 36	0 4	2 29	1 26	10 7	2 3	22 21	0 9	8 11	1 55	29 45	16 44	19 49	19 32	15 27		n.a.
T 19	22 58	3s30	5 0	25 39	1 52	23 46	0 41	15 49	0 3	2 26	1 26	10 9	2 3	22 21	0 9	8 12	1 56	29 44	16 44	19 50	19 33	15 29		n.a.
F 20	23 4	7 43	5 7	25 41	1 51	23 55	0 43	16 2	0 3	2 23	1 26	10 12	2 3	22 22	0 9	8 12	1 56	29 43	16 43	19 51	19 34	15 31		n.a.
S 21	23 10	11 37	5 1	25 40	1 50	24 4	0 45	16 14	0 2	2 21	1 27	10 14	2 3	22 22	0 9	8 13	1 56	29 42	16 43	19 53	19 34	15 33		n.a.
S 22	23 16	15 4	4 42	25 38	1 48	24 12	0 47	16 27	0 1	2 18	1 27	10 16	2 3	22 23	0 9	8 13	1 56	29 42	16 42	19 55	19 35	15 34		n.a.
M23	23 21	17 54	4 11	25 33	1 46	24 20	0 49	16 39	0 1	2 15	1 27	10 18	2 3	22 23	0 9	8 14	1 56	29 41	16 42	19 57	19 36	15 36		n.a.
T 24	23 26	20 0	3 28	25 27	1 43	24 27	0 51	16 52	0n 0	2 13	1 27	10 20	2 3	22 24	0 9	8 14	1 56	29 40	16 41	19 59	19 37	15 38		n.a.
W25	23 30	21 13	2 36	25 19	1 40	24 33	0 53	17 4	0 1	2 10	1 28	10 22	2 3	22 25	0 9	8 15	1 56	29 39	16 41	20 0	19 37	15 40		n.a.
T 26	23 34	21 29	1 37	25 9	1 36	24 38	0 55	17 16	0 1	2 8	1 28	10 24	2 4	22 25	0 9	8 15	1 56	29 38	16 41	20 1	19 38	15 42		n.a.
F 27	23 37	20 44	0 32	24 57	1 31	24 43	0 57	17 28	0 2	2 5	1 28	10 26	2 4	22 26	0 9	8 16	1 56	29 37	16 40	20 1	19 39	15 43		n.a.
S 28	23 41	18 59	0s35	24 43	1 27	24 47	0 58	17 39	0 3	2 3	1 28	10 28	2 4	22 26	0 9	8 16	1 56	29 36	16 40	20 1	19 40	15 45		n.a.
S 29	23 43	16 17	1 42	24 28	1 22	24 50	1 0	17 51	0 3	2 1	1 29	10 30	2 4	22 27	0 9	8 17	1 56	29 35	16 39	20 1	19 40	15 47		n.a.
M30	23n45	12s45	2s45	24n12	1n16	24n52	1n 2	18n 2	0n 4	1s59	1s29	10n32	2s 4	22n27	0n 9	8n17	1s56	29n34	16n39	20n 1	19n41	15s49		n.a.

Julian Day Number = 1268664.5, Delta T = 08h19m17s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°11'02, Lahiri = -21°04'02 Julian Calendar 1 June 1240 BCE == Greg. Calendar 21 May 1240 BCE

The year -1239 astronomical counting style corresponds to year 1240 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1240 BCE
geocentric

JULY 1240 BCE (-1239) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 50 33	26♊20'19	17♓11	16♋56	0♋42	20♉25	28♓33	2♉23	9♊59	25♈41	23♌18	2♌11	3♌30	29♏26	n.a.	T 1
W 2	17 54 29	27°17'51	0♈42	18°31	1°56	21° 4	28°39	2°29	10° 3	25°42	23°20	2°R11	3°26	29°32	n.a.	W 2
T 3	17 58 26	28°15'24	14°36	20° 3	3°11	21°43	28°44	2°35	10° 6	25°44	23°21	2°10	3°23	29°39	n.a.	T 3
F 4	18 2 23	29°12'59	28°53	21°34	4°25	22°21	28°49	2°40	10°10	25°45	23°23	2° 7	3°20	29°46	n.a.	F 4
S 5	18 6 19	0♋10'36	13♉31	23° 4	5°39	23° 0	28°54	2°46	10°13	25°46	23°24	2° 4	3°17	29°52	n.a.	S 5
S 6	18 10 16	1° 8'14	28°25	24°32	6°53	23°39	28°59	2°51	10°17	25°47	23°26	2° 0	3°14	29°59	n.a.	S 6
M 7	18 14 12	2° 5'55	13♊27	25°58	8° 8	24°18	29° 4	2°56	10°20	25°48	23°28	1°55	3°11	0♐ 6	n.a.	M 7
T 8	18 18 9	3° 3'36	28°29	27°23	9°22	24°56	29° 9	3° 2	10°24	25°50	23°29	1°52	3° 7	0°13	n.a.	T 8
W 9	18 22 5	4° 1'20	13♋22	28°46	10°36	25°35	29°13	3° 7	10°27	25°51	23°31	1°50	3° 4	0°19	n.a.	W 9
T 10	18 26 2	4°59'04	27°57	0♌ 7	11°50	26°13	29°17	3°12	10°31	25°52	23°33	1°D49	3° 1	0°26	n.a.	T 10
F 11	18 29 59	5°56'51	12♌ 9	1°27	13° 5	26°52	29°21	3°17	10°34	25°53	23°34	1°49	2°58	0°33	n.a.	F 11
S 12	18 33 55	6°54'38	25°55	2°44	14°19	27°30	29°25	3°22	10°37	25°54	23°36	1°50	2°55	0°39	n.a.	S 12
S 13	18 37 52	7°52'27	9♍16	4° 0	15°33	28° 8	29°29	3°27	10°41	25°55	23°38	1°51	2°52	0°46	n.a.	S 13
M14	18 41 48	8°50'17	22°11	5°14	16°48	28°47	29°32	3°32	10°44	25°56	23°40	1°53	2°48	0°53	n.a.	M14
T 15	18 45 45	9°48'08	4♎46	6°26	18° 2	29°25	29°36	3°36	10°47	25°56	23°41	1°R54	2°45	1° 0	n.a.	T 15
W16	18 49 41	10°46'01	17° 4	7°36	19°16	0♊ 3	29°39	3°41	10°51	25°57	23°43	1°54	2°42	1° 6	n.a.	W16
T 17	18 53 38	11°43'56	29° 9	8°44	20°31	0°41	29°42	3°46	10°54	25°58	23°45	1°53	2°39	1°13	n.a.	T 17
F 18	18 57 34	12°41'51	11♏ 5	9°49	21°45	1°19	29°44	3°50	10°57	25°59	23°47	1°51	2°36	1°20	n.a.	F 18
S 19	19 1 31	13°39'49	22°58	10°52	23° 0	1°57	29°47	3°54	11° 1	26° 0	23°49	1°48	2°32	1°26	n.a.	S 19
S 20	19 5 27	14°37'48	4♐49	11°53	24°14	2°35	29°49	3°59	11° 4	26° 0	23°51	1°46	2°29	1°33	n.a.	S 20
M21	19 9 24	15°35'48	16°44	12°51	25°28	3°13	29°52	4° 3	11° 7	26° 1	23°53	1°43	2°26	1°40	n.a.	M21
T 22	19 13 21	16°33'51	28°44	13°46	26°43	3°51	29°54	4° 7	11°10	26° 2	23°55	1°41	2°23	1°47	n.a.	T 22
W23	19 17 17	17°31'55	10♑51	14°38	27°57	4°29	29°55	4°11	11°13	26° 3	23°57	1°39	2°20	1°53	n.a.	W23
T 24	19 21 14	18°30'00	23° 7	15°27	29°12	5° 6	29°57	4°15	11°16	26° 3	23°59	1°38	2°17	2° 0	n.a.	T 24
F 25	19 25 10	19°28'08	5♒34	16°13	0♌26	5°44	29°58	4°19	11°19	26° 4	24° 1	1°D38	2°13	2° 7	n.a.	F 25
S 26	19 29 7	20°26'18	18°13	16°55	1°41	6°22	29°59	4°23	11°22	26° 4	24° 3	1°39	2°10	2°13	n.a.	S 26
S 27	19 33 3	21°24'29	1♓ 4	17°33	2°55	6°59	0♈ 1	4°26	11°26	26° 5	24° 5	1°40	2° 7	2°20	n.a.	S 27
M28	19 37 0	22°22'43	14° 9	18° 8	4°10	7°37	0° 1	4°30	11°29	26° 5	24° 7	1°40	2° 4	2°27	n.a.	M28
T 29	19 40 56	23°20'59	27°29	18°38	5°24	8°14	0° 2	4°33	11°31	26° 6	24° 9	1°41	2° 1	2°33	n.a.	T 29
W30	19 44 53	24°19'17	11♈ 5	19° 3	6°39	8°52	0° 2	4°37	11°34	26° 6	24°11	1°42	1°58	2°40	n.a.	W30
T 31	19 48 50	25♋17'37	24♈57	19♌24	7♌53	9♊29	0♈ 3	4♉40	11♊37	26♈ 7	24♌13	1°R42	1♌54	2♐47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n47	8s32	3s41	23n54	1n10	24n54	1n 3	18n14	0n 5	1s57	1s29	10n34	2s 4	22n28	0n 9	8n17	1s56	29n34	16n38	20n 0	19n42	15s51			n.a.
W 2	23 49	3 47	4 27	23 36	1 4	24 54	1 5	18 25	0 6	1 55	1 29	10 36	2 4	22 28	0 9	8 18	1 56	29 33	16 38	20 0	19 43	15 53			n.a.
T 3	23 50	1n17	4 58	23 16	0 57	24 54	1 6	18 36	0 6	1 53	1 30	10 38	2 4	22 29	0 9	8 18	1 56	29 32	16 38	20 0	19 43	15 54			n.a.
F 4	23 50	6 24	5 12	22 54	0 50	24 54	1 8	18 47	0 7	1 51	1 30	10 39	2 5	22 30	0 9	8 19	1 56	29 31	16 37	20 1	19 44	15 56			n.a.
S 5	23 50	11 18	5 6	22 32	0 43	24 52	1 9	18 57	0 8	1 49	1 30	10 41	2 5	22 30	0 9	8 19	1 56	29 30	16 37	20 2	19 45	15 58			n.a.
S 6	23 50	15 35	4 40	22 10	0 36	24 50	1 11	19 8	0 8	1 47	1 30	10 43	2 5	22 31	0 9	8 19	1 56	29 29	16 36	20 3	19 46	16 0			n.a.
M 7	23 49	18 55	3 54	21 46	0 28	24 47	1 12	19 18	0 9	1 46	1 31	10 45	2 5	22 31	0 9	8 20	1 56	29 28	16 36	20 4	19 46	16 1			n.a.
T 8	23 48	20 57	2 53	21 21	0 20	24 43	1 13	19 29	0 10	1 44	1 31	10 46	2 5	22 32	0 9	8 20	1 56	29 27	16 36	20 5	19 47	16 3			n.a.
W 9	23 47	21 30	1 40	20 56	0 12	24 39	1 15	19 39	0 10	1 42	1 31	10 48	2 5	22 32	0 9	8 21	1 57	29 26	16 35	20 5	19 48	16 5			n.a.
T 10	23 45	20 34	0 21	20 31	0 3	24 34	1 16	19 49	0 11	1 41	1 32	10 50	2 5	22 33	0 9	8 21	1 57	29 25	16 35	20 5	19 49	16 7			n.a.
F 11	23 42	18 20	0n57	20 5	0s 6	24 28	1 17	19 58	0 12	1 40	1 32	10 51	2 5	22 33	0 9	8 21	1 57	29 24	16 34	20 5	19 49	16 9			n.a.
S 12	23 39	15 6	2 9	19 38	0 15	24 21	1 18	20 8	0 12	1 38	1 32	10 53	2 6	22 34	0 9	8 22	1 57	29 23	16 34	20 5	19 50	16 10			n.a.
S 13	23 36	11 11	3 12	19 11	0 24	24 13	1 19	20 18	0 13	1 37	1 32	10 54	2 6	22 34	0 9	8 22	1 57	29 22	16 34	20 5	19 51	16 12			n.a.
M14	23 32	6 51	4 3	18 44	0 33	24 5	1 20	20 27	0 14	1 36	1 33	10 56	2 6	22 35	0 9	8 22	1 57	29 21	16 33	20 4	19 52	16 14			n.a.
T 15	23 28	2 21	4 41	18 17	0 43	23 56	1 21	20 36	0 15	1 35	1 33	10 57	2 6	22 35	0 9	8 22	1 57	29 20	16 33	20 4	19 52	16 16			n.a.
W16	23 24	2s 8	5 5	17 50	0 53	23 46	1 22	20 45	0 15	1 34	1 33	10 59	2 6	22 36	0 9	8 23	1 57	29 19	16 33	20 4	19 53	16 18			n.a.
T 17	23 19	6 27	5 15	17 23	1 2	23 36	1 22	20 54	0 16	1 33	1 33	11 0	2 6	22 36	0 9	8 23	1 57	29 18	16 32	20 4	19 54	16 19			n.a.
F 18	23 13	10 29	5 11	16 56	1 12	23 25	1 23	21 3	0 17	1 32	1 34	11 1	2 7	22 37	0 9	8 23	1 57	29 17	16 32	20 5	19 55	16 21			n.a.
S 19	23 8	14 5	4 54	16 29	1 22	23 13	1 24	21 11	0 18	1 31	1 34	11 3	2 7	22 37	0 9	8 23	1 57	29 16	16 32	20 5	19 55	16 23			n.a.
S 20	23 1	17 7	4 24	16 2	1 32	23 1	1 24	21 19	0 18	1 31	1 34	11 4	2 7	22 38	0 9	8 24	1 57	29 16	16 31	20 6	19 56	16 25			n.a.
M21	22 55	19 28	3 43	15 36	1 43	22 47	1 25	21 28	0 19	1 30	1 35	11 5	2 7	22 38	0 9	8 24	1 57	29 15	16 31	20 7	19 57	16 26			n.a.
T 22	22 48	20 58	2 52	15 10	1 53	22 33	1 25	21 36	0 20	1 29	1 35	11 7	2 7	22 39	0 9	8 24	1 57	29 14	16 31	20 7	19 57	16 28			n.a.
W23	22 40	21 31	1 53	14 45	2 3	22 19	1 26	21 44	0 20	1 29	1 35	11 8	2 7	22 39	0 9	8 24	1 57	29 13	16 31	20 7	19 58	16 30			n.a.
T 24	22 32	21 3	0 47	14 21	2 13	22 4	1 26	21 51	0 21	1 28	1 35	11 9	2 8	22 39	0 9	8 24	1 57	29 12	16 30	20 8	19 59	16 32			n.a.
F 25	22 24	19 33	0s22	13 58	2 23	21 48	1 26	21 59	0 22	1 28	1 36	11 10	2 8	22 40	0 9	8 24	1 57	29 11	16 30	20 8	20 0	16 33			n.a.
S 26	22 15	17 3	1 31	13 36	2 33	21 31	1 26	22 6	0 23	1 28	1 36	11 11	2 8	22 40	0 9	8 25	1 58	29 10	16 30	20 8	20 0	16 35			n.a.
S 27	22 6	13 42	2 36	13 14	2 43	21 14	1 26	22 13	0 23	1 28	1 36	11 12	2 8	22 41	0 9	8 25	1 58	29 9	16 29	20 7	20 1	16 37			n.a.
M28	21 57	9 37	3 34	12 55	2 53	20 56	1 26	22 21	0 24	1 28	1 36	11 13	2 8	22 41	0 9	8 25	1 58	29 8	16 29	20 7	20 2	16 39			n.a.
T 29	21 47	5 1	4 23	12 36	3 2	20 38	1 26	22 27	0 25	1 28	1 37	11 14	2 8	22 42	0 9	8 25	1 58	29 7	16 29	20 7	20 3	16 40			n.a.
W30	21 37	0 5	4 57	12 20	3 12	20 19	1 26	22 34	0 26	1 28	1 37	11 15	2 9	22 42	0 9	8 25	1 58	29 6	16 29	20 7	20 3	16 42			n.a.
T 31	21n26	4n56	5s15	12n 5	3s20	19n59	1n26	22n41	0n26	1s28	1s37	11n16	2s 9	22n42	0n 9	8n25	1s58	29n 5	16n28	20n 7	20n 4	16s44			n.a.

Julian Day Number = 1268694.5, Delta T = 08h19m15s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'58, Lahiri = -21°03'58 Julian Calendar 1 July 1240 BCE == Greg. Calendar 20 June 1240 BCE

The year -1239 astronomical counting style corresponds to year 1240 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1240 BCE
geocentric

AUGUST 1240 BCE (-1239) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 52 46	26♋16'00	9♉ 4	19♌39	9♌ 8	10♊ 6	0°R 3	4♉43	11♊40	26♈ 7	24♌15	1°R42	1♌51	2♐54	n.a.	F 1
S 2	19 56 43	27°14'25	23°25	19°49	10°22	10°43	0♈ 2	4°46	11°43	26° 7	24°17	1♌42	1°48	3° 0	n.a.	S 2
S 3	20 0 39	28°12'52	7♊57	19°R53	11°37	11°21	0° 2	4°49	11°46	26° 7	24°19	1°41	1°45	3° 7	n.a.	S 3
M 4	20 4 36	29°11'22	22°35	19°50	12°51	11°58	0° 1	4°52	11°49	26° 8	24°21	1°41	1°42	3°14	n.a.	M 4
T 5	20 8 32	0♌ 9'54	7♋14	19°42	14° 6	12°35	0° 1	4°55	11°51	26° 8	24°24	1°41	1°38	3°20	n.a.	T 5
W 6	20 12 29	1° 8'28	21°47	19°26	15°20	13°12	29♓59	4°57	11°54	26° 8	24°26	1°41	1°35	3°27	n.a.	W 6
T 7	20 16 25	2° 7'04	6♌ 8	19° 4	16°35	13°49	29°58	5° 0	11°57	26° 8	24°28	1°41	1°32	3°34	n.a.	T 7
F 8	20 20 22	3° 5'43	20°12	18°35	17°49	14°26	29°57	5° 2	11°59	26° 8	24°30	1°41	1°29	3°40	n.a.	F 8
S 9	20 24 19	4° 4'23	3♍56	18° 0	19° 4	15° 2	29°55	5° 5	12° 2	26° 8	24°32	1°40	1°26	3°47	n.a.	S 9
S 10	20 28 15	5° 3'05	17°16	17°17	20°18	15°39	29°54	5° 7	12° 4	26° 9	24°35	1°40	1°23	3°54	n.a.	S 10
M11	20 32 12	6° 1'49	0♎15	16°29	21°33	16°16	29°52	5° 9	12° 7	26°R 9	24°37	1°40	1°19	4° 1	n.a.	M11
T 12	20 36 8	7° 0'35	12°53	15°35	22°47	16°52	29°49	5°11	12° 9	26° 9	24°39	1°39	1°16	4° 7	n.a.	T 12
W13	20 40 5	7°59'22	25°13	14°36	24° 2	17°29	29°47	5°13	12°12	26° 8	24°41	1°39	1°13	4°14	n.a.	W13
T 14	20 44 1	8°58'12	7♏19	13°34	25°16	18° 5	29°44	5°15	12°14	26° 8	24°44	1°D38	1°10	4°21	n.a.	T 14
F 15	20 47 58	9°57'04	19°16	12°29	26°31	18°42	29°42	5°17	12°17	26° 8	24°46	1°39	1° 7	4°27	n.a.	F 15
S 16	20 51 54	10°55'57	1♐ 8	11°23	27°46	19°18	29°39	5°18	12°19	26° 8	24°48	1°39	1° 4	4°34	n.a.	S 16
S 17	20 55 51	11°54'53	13° 0	10°18	29° 0	19°54	29°36	5°20	12°21	26° 8	24°50	1°40	1° 0	4°41	n.a.	S 17
M18	20 59 47	12°53'50	24°57	9°15	0♑15	20°30	29°32	5°21	12°23	26° 8	24°53	1°41	0°57	4°47	n.a.	M18
T 19	21 3 44	13°52'50	7♑ 1	8°17	1°29	21° 7	29°29	5°23	12°26	26° 7	24°55	1°42	0°54	4°54	n.a.	T 19
W20	21 7 41	14°51'51	19°17	7°23	2°44	21°43	29°25	5°24	12°28	26° 7	24°57	1°43	0°51	5° 1	n.a.	W20
T 21	21 11 37	15°50'54	1♒46	6°37	3°58	22°19	29°21	5°25	12°30	26° 7	25° 0	1°R43	0°48	5° 8	n.a.	T 21
F 22	21 15 34	16°50'00	14°31	5°59	5°13	22°55	29°17	5°26	12°32	26° 7	25° 2	1°43	0°44	5°14	n.a.	F 22
S 23	21 19 30	17°49'08	27°31	5°31	6°27	23°30	29°13	5°27	12°34	26° 6	25° 4	1°42	0°41	5°21	n.a.	S 23
S 24	21 23 27	18°48'18	10♓46	5°12	7°42	24° 6	29° 8	5°27	12°36	26° 6	25° 7	1°40	0°38	5°28	n.a.	S 24
M25	21 27 23	19°47'30	24°15	5°D 3	8°56	24°42	29° 4	5°28	12°38	26° 5	25° 9	1°37	0°35	5°34	n.a.	M25
T 26	21 31 20	20°46'44	7♈57	5° 5	10°11	25°17	28°59	5°28	12°40	26° 5	25°11	1°35	0°32	5°41	n.a.	T 26
W27	21 35 16	21°46'01	21°49	5°18	11°25	25°53	28°54	5°29	12°41	26° 4	25°14	1°32	0°29	5°48	n.a.	W27
T 28	21 39 13	22°45'21	5♉49	5°40	12°40	26°29	28°49	5°29	12°43	26° 4	25°16	1°31	0°25	5°54	n.a.	T 28
F 29	21 43 9	23°44'43	19°56	6°13	13°54	27° 4	28°43	5°29	12°45	26° 3	25°18	1°D30	0°22	6° 1	n.a.	F 29
S 30	21 47 6	24°44'07	4♊ 7	6°54	15° 9	27°39	28°38	5°R29	12°47	26° 3	25°21	1°30	0°19	6° 8	n.a.	S 30
S 31	21 51 3	25♌43'35	18♊21	7♌44	16♍23	28♊15	28♓32	5♉29	12♊48	26♈ 2	25♌23	1♌31	0♌16	6♐15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n15	9n48	5s15	11n52	3s29	19n39	1n26	22n47	0n27	1s28	1s38	11n17	2s 9	22n43	0n 9	8n25	1s58	29n 4	16n28	20n 7	20n 5	16s46		n.a.
S 2	21 4	14 11	4 55	11 42	3 37	19 19	1 26	22 53	0 28	1 28	1 38	11 18	2 9	22 43	0 9	8 25	1 58	29 3	16 28	20 7	20 5	16 47		n.a.
S 3	20 52	17 47	4 16	11 34	3 44	18 57	1 25	22 59	0 29	1 29	1 38	11 19	2 9	22 44	0 9	8 25	1 58	29 2	16 28	20 7	20 6	16 49		n.a.
M 4	20 40	20 18	3 20	11 28	3 50	18 36	1 25	23 5	0 29	1 29	1 38	11 20	2 9	22 44	0 9	8 25	1 58	29 1	16 28	20 7	20 7	16 51		n.a.
T 5	20 27	21 27	2 12	11 26	3 56	18 13	1 25	23 11	0 30	1 30	1 39	11 21	2 10	22 44	0 9	8 25	1 58	29 0	16 27	20 7	20 8	16 53		n.a.
W 6	20 14	21 9	0 55	11 27	4 0	17 51	1 24	23 17	0 31	1 31	1 39	11 21	2 10	22 45	0 9	8 25	1 58	28 59	16 27	20 7	20 8	16 54		n.a.
T 7	20 1	19 27	0n25	11 30	4 3	17 27	1 23	23 22	0 32	1 31	1 39	11 22	2 10	22 45	0 9	8 25	1 58	28 58	16 27	20 7	20 9	16 56		n.a.
F 8	19 48	16 35	1 41	11 37	4 5	17 3	1 23	23 27	0 32	1 32	1 39	11 23	2 10	22 46	0 9	8 25	1 58	28 57	16 27	20 7	20 10	16 58		n.a.
S 9	19 34	12 52	2 50	11 48	4 6	16 39	1 22	23 32	0 33	1 33	1 40	11 23	2 10	22 46	0 9	8 25	1 58	28 56	16 27	20 7	20 11	16 59		n.a.
S 10	19 19	8 35	3 47	12 2	4 4	16 14	1 21	23 37	0 34	1 34	1 40	11 24	2 11	22 46	0 9	8 25	1 58	28 55	16 27	20 7	20 11	17 1		n.a.
M11	19 5	4 2	4 31	12 20	4 1	15 49	1 20	23 42	0 35	1 35	1 40	11 24	2 11	22 47	0 9	8 25	1 59	28 54	16 26	20 7	20 12	17 3		n.a.
T 12	18 50	0s34	5 0	12 40	3 56	15 24	1 19	23 46	0 36	1 36	1 40	11 25	2 11	22 47	0 9	8 25	1 59	28 53	16 26	20 8	20 13	17 5		n.a.
W13	18 35	5 2	5 15	13 4	3 49	14 58	1 18	23 51	0 36	1 37	1 41	11 25	2 11	22 47	0 9	8 25	1 59	28 52	16 26	20 8	20 13	17 6		n.a.
T 14	18 19	9 13	5 16	13 31	3 40	14 31	1 17	23 55	0 37	1 39	1 41	11 26	2 11	22 48	0 9	8 25	1 59	28 52	16 26	20 8	20 14	17 8		n.a.
F 15	18 3	12 59	5 2	14 0	3 29	14 5	1 16	23 59	0 38	1 40	1 41	11 26	2 11	22 48	0 9	8 25	1 59	28 51	16 26	20 8	20 15	17 10		n.a.
S 16	17 47	16 14	4 36	14 30	3 17	13 37	1 15	24 3	0 39	1 41	1 41	11 27	2 12	22 48	0 9	8 25	1 59	28 50	16 26	20 8	20 15	17 11		n.a.
S 17	17 30	18 48	3 58	15 2	3 2	13 10	1 14	24 6	0 40	1 43	1 42	11 27	2 12	22 49	0 9	8 25	1 59	28 49	16 26	20 7	20 16	17 13		n.a.
M18	17 13	20 35	3 10	15 35	2 45	12 42	1 12	24 10	0 40	1 44	1 42	11 27	2 12	22 49	0 10	8 25	1 59	28 48	16 26	20 7	20 17	17 15		n.a.
T 19	16 56	21 27	2 13	16 7	2 28	12 14	1 11	24 13	0 41	1 46	1 42	11 28	2 12	22 49	0 10	8 24	1 59	28 47	16 26	20 7	20 18	17 16		n.a.
W20	16 39	21 18	1 8	16 39	2 9	11 45	1 10	24 17	0 42	1 48	1 42	11 28	2 12	22 50	0 10	8 24	1 59	28 46	16 26	20 7	20 18	17 18		n.a.
T 21	16 21	20 6	0s 0	17 9	1 50	11 16	1 8	24 20	0 43	1 49	1 42	11 28	2 13	22 50	0 10	8 24	1 59	28 45	16 26	20 7	20 19	17 20		n.a.
F 22	16 3	17 52	1 10	17 38	1 30	10 47	1 7	24 22	0 44	1 51	1 43	11 28	2 13	22 50	0 10	8 24	1 59	28 44	16 25	20 7	20 20	17 21		n.a.
S 23	15 45	14 41	2 18	18 4	1 10	10 18	1 5	24 25	0 45	1 53	1 43	11 28	2 13	22 50	0 10	8 24	1 59	28 43	16 25	20 7	20 20	17 23		n.a.
S 24	15 26	10 43	3 19	18 28	0 51	9 48	1 3	24 28	0 45	1 55	1 43	11 28	2 13	22 51	0 10	8 23	1 59	28 43	16 25	20 7	20 21	17 25		n.a.
M25	15 8	6 9	4 11	18 48	0 32	9 18	1 2	24 30	0 46	1 57	1 43	11 28	2 13	22 51	0 10	8 23	1 59	28 42	16 25	20 8	20 22	17 26		n.a.
T 26	14 48	1 12	4 49	19 5	0 14	8 48	1 0	24 32	0 47	1 59	1 43	11 28	2 14	22 51	0 10	8 23	1 59	28 41	16 25	20 9	20 22	17 28		n.a.
W27	14 29	3n51	5 10	19 19	0n 3	8 17	0 58	24 34	0 48	2 2	1 44	11 28	2 14	22 52	0 10	8 23	2 0	28 40	16 25	20 9	20 23	17 30		n.a.
T 28	14 10	8 45	5 14	19 29	0 20	7 47	0 56	24 36	0 49	2 4	1 44	11 28	2 14	22 52	0 10	8 23	2 0	28 39	16 25	20 9	20 24	17 31		n.a.
F 29	13 50	13 14	4 59	19 35	0 34	7 16	0 54	24 38	0 50	2 6	1 44	11 28	2 14	22 52	0 10	8 22	2 0	28 38	16 25	20 10	20 25	17 33		n.a.
S 30	13 30	16 59	4 25	19 38	0 48	6 45	0 52	24 40	0 50	2 9	1 44	11 28	2 14	22 52	0 10	8 22	2 0	28 37	16 25	20 10	20 25	17 35		n.a.
S 31	13n 9	19n44	3s36	19n37	1n 1	6n14	0n50	24n41	0n51	2s11	1s44	11n28	2s14	22n52	0n10	8n22	2s 0	28n37	16n25	20n 9	20n26	17s36		n.a.

Julian Day Number = 1268725.5, Delta T = 08h19m14s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'54, Lahiri = -21°03'53 Julian Calendar 1 Aug. 1240 BCE == Greg. Calendar 21 July 1240 BCE

The year -1239 astronomical counting style corresponds to year 1240 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1240 BCE
geocentric

SEPTEMBER 1240 BCE (-1239) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 54 59	26♌43'04	2♋34	8♌42	17♍38	28♊50	28°R26	5°R29	12♊50	26°R 1	25♌25	1♌32	0♌13	6♐21	n.a.	M 1
T 2	21 58 56	27°42'36	16°45	9°47	18°52	29°25	28♓20	5♉29	12°51	26♈ 1	25°28	1°34	0°10	6°28	n.a.	T 2
W 3	22 2 52	28°42'11	0♌50	10°58	20° 7	0♋ 0	28°14	5°28	12°53	26° 0	25°30	1°R34	0° 6	6°35	n.a.	W 3
T 4	22 6 49	29°41'47	14°47	12°15	21°21	0°35	28° 8	5°28	12°54	25°59	25°32	1°34	0° 3	6°41	n.a.	T 4
F 5	22 10 45	0♍41'26	28°32	13°36	22°36	1°10	28° 2	5°27	12°56	25°58	25°35	1°32	29♋59	6°48	n.a.	F 5
S 6	22 14 42	1°41'07	12♍ 2	15° 2	23°50	1°45	27°55	5°26	12°57	25°57	25°37	1°28	29°57	6°55	n.a.	S 6
S 7	22 18 38	2°40'50	25°14	16°31	25° 5	2°19	27°48	5°26	12°58	25°57	25°39	1°23	29°54	7° 1	n.a.	S 7
M 8	22 22 35	3°40'36	8♎ 9	18° 2	26°19	2°54	27°42	5°25	13° 0	25°56	25°42	1°18	29°50	7° 8	n.a.	M 8
T 9	22 26 32	4°40'23	20°45	19°37	27°33	3°28	27°35	5°23	13° 1	25°55	25°44	1°12	29°47	7°15	n.a.	T 9
W10	22 30 28	5°40'12	3♏ 5	21°13	28°48	4° 3	27°28	5°22	13° 2	25°54	25°46	1° 7	29°44	7°22	n.a.	W10
T 11	22 34 25	6°40'03	15°12	22°50	0♎ 2	4°37	27°21	5°21	13° 3	25°53	25°49	1° 3	29°41	7°28	n.a.	T 11
F 12	22 38 21	7°39'56	27° 8	24°29	1°17	5°12	27°13	5°20	13° 4	25°52	25°51	1° 1	29°38	7°35	n.a.	F 12
S 13	22 42 18	8°39'50	9♐ 0	26° 9	2°31	5°46	27° 6	5°18	13° 5	25°51	25°53	1°D 0	29°35	7°42	n.a.	S 13
S 14	22 46 14	9°39'47	20°51	27°50	3°46	6°20	26°59	5°16	13° 6	25°50	25°56	1° 1	29°31	7°48	n.a.	S 14
M15	22 50 11	10°39'46	2♑47	29°31	5° 0	6°54	26°51	5°15	13° 7	25°49	25°58	1° 3	29°28	7°55	n.a.	M15
T 16	22 54 7	11°39'46	14°53	1♍12	6°14	7°28	26°44	5°13	13° 8	25°48	26° 0	1° 4	29°25	8° 2	n.a.	T 16
W17	22 58 4	12°39'48	27°13	2°53	7°29	8° 1	26°36	5°11	13° 8	25°47	26° 3	1°R 5	29°22	8° 8	n.a.	W17
T 18	23 2 0	13°39'52	9♒51	4°35	8°43	8°35	26°28	5° 9	13° 9	25°45	26° 5	1° 5	29°19	8°15	n.a.	T 18
F 19	23 5 57	14°39'57	22°50	6°16	9°57	9° 9	26°20	5° 7	13°10	25°44	26° 7	1° 3	29°15	8°22	n.a.	F 19
S 20	23 9 54	15°40'05	6♓ 9	7°57	11°12	9°42	26°12	5° 4	13°10	25°43	26° 9	0°58	29°12	8°28	n.a.	S 20
S 21	23 13 50	16°40'15	19°49	9°38	12°26	10°16	26° 4	5° 2	13°11	25°42	26°12	0°52	29° 9	8°35	n.a.	S 21
M22	23 17 47	17°40'26	3♈47	11°19	13°40	10°49	25°56	5° 0	13°11	25°41	26°14	0°45	29° 6	8°42	n.a.	M22
T 23	23 21 43	18°40'39	17°57	12°59	14°54	11°22	25°48	4°57	13°12	25°39	26°16	0°37	29° 3	8°49	n.a.	T 23
W24	23 25 40	19°40'55	2♉16	14°39	16° 9	11°55	25°40	4°54	13°12	25°38	26°18	0°29	29° 0	8°55	n.a.	W24
T 25	23 29 36	20°41'13	16°37	16°18	17°23	12°28	25°32	4°52	13°12	25°37	26°20	0°23	28°56	9° 2	n.a.	T 25
F 26	23 33 33	21°41'33	0♊56	17°58	18°37	13° 1	25°24	4°49	13°13	25°35	26°23	0°19	28°53	9° 9	n.a.	F 26
S 27	23 37 29	22°41'55	15°10	19°36	19°51	13°34	25°16	4°46	13°13	25°34	26°25	0°17	28°50	9°15	n.a.	S 27
S 28	23 41 26	23°42'19	29°16	21°15	21° 5	14° 6	25° 8	4°43	13°13	25°33	26°27	0°D17	28°47	9°22	n.a.	S 28
M29	23 45 23	24°42'46	13♋13	22°53	22°20	14°39	25° 0	4°40	13°13	25°31	26°29	0°18	28°44	9°29	n.a.	M29
T 30	23 49 19	25♍43'14	27♋ 2	24♍30	23♎34	15♋11	24♓51	4♉36	13°R13	25♈30	26♌31	0°R18	28♋41	9♐35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n49	21n16	2s33	19n32	1n12	5n42	0n48	24n42	0n52	2s13	1s45	11n27	2s15	22n53	0n10	8n21	2s 0	28n36	16n25	20n 9	20n27	17s38		n.a.
T 2	12 28	21 26	1 21	19 24	1 21	5 11	0 46	24 43	0 53	2 16	1 45	11 27	2 15	22 53	0 10	8 21	2 0	28 35	16 25	20 9	20 27	17 40		n.a.
W 3	12 7	20 14	0 4	19 13	1 30	4 39	0 44	24 44	0 54	2 19	1 45	11 27	2 15	22 53	0 10	8 21	2 0	28 34	16 26	20 9	20 28	17 41		n.a.
T 4	11 46	17 49	1n12	18 58	1 37	4 7	0 42	24 45	0 55	2 21	1 45	11 27	2 15	22 53	0 10	8 20	2 0	28 33	16 26	20 9	20 29	17 43		n.a.
F 5	11 25	14 24	2 22	18 40	1 43	3 35	0 39	24 46	0 56	2 24	1 45	11 26	2 15	22 54	0 10	8 20	2 0	28 33	16 26	20 9	20 29	17 45		n.a.
S 6	11 3	10 17	3 23	18 19	1 48	3 3	0 37	24 46	0 57	2 27	1 45	11 26	2 15	22 54	0 10	8 20	2 0	28 32	16 26	20 10	20 30	17 46		n.a.
S 7	10 41	5 46	4 12	17 56	1 52	2 31	0 35	24 47	0 57	2 30	1 45	11 25	2 16	22 54	0 10	8 19	2 0	28 31	16 26	20 11	20 31	17 48		n.a.
M 8	10 20	1 6	4 47	17 30	1 55	1 59	0 32	24 47	0 58	2 32	1 45	11 25	2 16	22 54	0 10	8 19	2 0	28 30	16 26	20 12	20 31	17 50		n.a.
T 9	9 57	3s31	5 6	17 2	1 57	1 27	0 30	24 47	0 59	2 35	1 46	11 24	2 16	22 54	0 10	8 19	2 0	28 30	16 26	20 14	20 32	17 51		n.a.
W10	9 35	7 53	5 11	16 32	1 58	0 54	0 27	24 47	1 0	2 38	1 46	11 24	2 16	22 54	0 10	8 18	2 0	28 29	16 26	20 15	20 33	17 53		n.a.
T 11	9 13	11 51	5 2	16 0	1 59	0 22	0 25	24 47	1 1	2 41	1 46	11 23	2 16	22 55	0 10	8 18	2 0	28 28	16 26	20 16	20 33	17 54		n.a.
F 12	8 50	15 18	4 40	15 26	1 58	0s10	0 22	24 46	1 2	2 44	1 46	11 22	2 17	22 55	0 10	8 17	2 0	28 27	16 26	20 16	20 34	17 56		n.a.
S 13	8 27	18 7	4 6	14 51	1 57	0 43	0 20	24 46	1 3	2 47	1 46	11 22	2 17	22 55	0 10	8 17	2 0	28 27	16 27	20 16	20 35	17 58		n.a.
S 14	8 5	20 10	3 21	14 14	1 56	1 15	0 17	24 45	1 4	2 50	1 46	11 21	2 17	22 55	0 10	8 17	2 0	28 26	16 27	20 16	20 36	17 59		n.a.
M15	7 42	21 21	2 28	13 36	1 54	1 48	0 15	24 44	1 5	2 53	1 46	11 20	2 17	22 55	0 10	8 16	2 1	28 25	16 27	20 16	20 36	18 1		n.a.
T 16	7 18	21 33	1 27	12 57	1 51	2 20	0 12	24 43	1 6	2 57	1 46	11 20	2 17	22 55	0 10	8 16	2 1	28 25	16 27	20 15	20 37	18 3		n.a.
W17	6 55	20 43	0 21	12 17	1 48	2 52	0 9	24 42	1 7	3 0	1 46	11 19	2 17	22 55	0 10	8 15	2 1	28 24	16 27	20 15	20 38	18 4		n.a.
T 18	6 32	18 50	0s47	11 36	1 44	3 24	0 7	24 41	1 8	3 3	1 46	11 18	2 17	22 55	0 10	8 15	2 1	28 23	16 27	20 15	20 38	18 6		n.a.
F 19	6 8	15 56	1 55	10 55	1 40	3 57	0 4	24 40	1 9	3 6	1 46	11 17	2 18	22 56	0 10	8 14	2 1	28 23	16 28	20 16	20 39	18 7		n.a.
S 20	5 45	12 9	2 58	10 12	1 36	4 29	0 1	24 38	1 10	3 9	1 46	11 16	2 18	22 56	0 10	8 14	2 1	28 22	16 28	20 17	20 40	18 9		n.a.
S 21	5 21	7 39	3 52	9 30	1 31	5 1	0s 1	24 36	1 11	3 12	1 46	11 15	2 18	22 56	0 10	8 13	2 1	28 21	16 28	20 18	20 40	18 11		n.a.
M22	4 57	2 39	4 34	8 46	1 27	5 33	0 4	24 35	1 11	3 16	1 46	11 14	2 18	22 56	0 10	8 13	2 1	28 21	16 28	20 20	20 41	18 12		n.a.
T 23	4 33	2n33	5 0	8 3	1 21	6 4	0 7	24 33	1 12	3 19	1 46	11 13	2 18	22 56	0 10	8 12	2 1	28 20	16 28	20 21	20 42	18 14		n.a.
W24	4 9	7 40	5 7	7 19	1 16	6 36	0 10	24 31	1 13	3 22	1 46	11 12	2 18	22 56	0 10	8 12	2 1	28 20	16 29	20 23	20 42	18 15		n.a.
T 25	3 45	12 22	4 55	6 34	1 11	7 8	0 12	24 29	1 14	3 25	1 46	11 11	2 18	22 56	0 10	8 11	2 1	28 19	16 29	20 24	20 43	18 17		n.a.
F 26	3 21	16 22	4 25	5 50	1 5	7 39	0 15	24 27	1 15	3 29	1 46	11 10	2 19	22 56	0 10	8 11	2 1	28 18	16 29	20 25	20 44	18 18		n.a.
S 27	2 57	19 23	3 38	5 5	0 59	8 10	0 18	24 24	1 16	3 32	1 46	11 9	2 19	22 56	0 10	8 10	2 1	28 18	16 29	20 26	20 44	18 20		n.a.
S 28	2 32	21 12	2 39	4 20	0 53	8 41	0 21	24 22	1 17	3 35	1 46	11 8	2 19	22 56	0 10	8 10	2 1	28 17	16 30	20 26	20 45	18 22		n.a.
M29	2 8	21 40	1 30	3 35	0 47	9 12	0 24	24 19	1 19	3 38	1 46	11 7	2 19	22 56	0 10	8 9	2 1	28 17	16 30	20 26	20 46	18 23		n.a.
T 30	1n44	20n49	0s18	2n50	0n41	9s42	0s26	24n17	1n20	3s42	1s46	11n 6	2s19	22n56	0n10	8n 9	2s 1	28n16	16n30	20n25	20n46	18s25		n.a.

Julian Day Number = 1268756.5, Delta T = 08h19m12s
Ecliptic obliquity = 23°50'26, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'50, Lahiri = -21°03'49 Julian Calendar 1 Sept. 1240 BCE == Greg. Calendar 21 Aug. 1240 BCE

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ASTRODIENST EPHEMERIS for the year 1240 BCE
geocentric

OCTOBER 1240 BCE (-1239) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 53 16	26♍43'45	10♌41	26♍ 7	24♎48	15♋44	24°R43	4°R33	13°R13	25°R28	26♌33	0°R18	28♋37	9♐42	n.a.	W 1
T 2	23 57 12	27°44'17	24°11	27°44	26° 2	16°16	24♓35	4♉30	13♊13	25♈27	26°35	0♌15	28°34	9°49	n.a.	T 2
F 3	0 1 9	28°44'52	7♍31	29°21	27°16	16°48	24°27	4°26	13°13	25°25	26°37	0°10	28°31	9°55	n.a.	F 3
S 4	0 5 5	29°45'28	20°40	0♎57	28°30	17°20	24°19	4°23	13°13	25°24	26°39	0° 2	28°28	10° 2	n.a.	S 4
S 5	0 9 2	0♎46'06	3♎36	2°33	29°45	17°52	24°11	4°19	13°13	25°22	26°41	29♋52	28°25	10° 9	n.a.	S 5
M 6	0 12 58	1°46'45	16°19	4° 8	0♏59	18°23	24° 3	4°15	13°12	25°21	26°43	29°40	28°21	10°16	n.a.	M 6
T 7	0 16 55	2°47'27	28°47	5°43	2°13	18°55	23°55	4°11	13°12	25°19	26°45	29°28	28°18	10°22	n.a.	T 7
W 8	0 20 51	3°48'09	11♏ 3	7°18	3°27	19°26	23°47	4° 7	13°12	25°18	26°47	29°17	28°15	10°29	n.a.	W 8
T 9	0 24 48	4°48'53	23° 7	8°53	4°41	19°57	23°39	4° 3	13°11	25°16	26°49	29° 7	28°12	10°36	n.a.	T 9
F 10	0 28 45	5°49'39	5♐ 2	10°27	5°55	20°29	23°31	3°59	13°11	25°15	26°51	29° 0	28° 9	10°42	n.a.	F 10
S 11	0 32 41	6°50'26	16°51	12° 1	7° 9	20°59	23°23	3°55	13°10	25°13	26°53	28°56	28° 6	10°49	n.a.	S 11
S 12	0 36 38	7°51'14	28°40	13°35	8°23	21°30	23°16	3°51	13° 9	25°11	26°55	28°53	28° 2	10°56	n.a.	S 12
M13	0 40 34	8°52'03	10♑34	15° 9	9°37	22° 1	23° 8	3°47	13° 9	25°10	26°57	28°D53	27°59	11° 2	n.a.	M13
T 14	0 44 31	9°52'54	22°37	16°42	10°51	22°31	23° 0	3°43	13° 8	25° 8	26°59	28°R53	27°56	11° 9	n.a.	T 14
W15	0 48 27	10°53'45	4♒56	18°16	12° 5	23° 2	22°53	3°38	13° 7	25° 7	27° 1	28°53	27°53	11°16	n.a.	W15
T 16	0 52 24	11°54'38	17°35	19°49	13°18	23°32	22°46	3°34	13° 6	25° 5	27° 3	28°52	27°50	11°22	n.a.	T 16
F 17	0 56 20	12°55'31	0♓38	21°22	14°32	24° 2	22°38	3°29	13° 6	25° 3	27° 4	28°48	27°46	11°29	n.a.	F 17
S 18	1 0 17	13°56'26	14° 8	22°55	15°46	24°32	22°31	3°25	13° 5	25° 2	27° 6	28°41	27°43	11°36	n.a.	S 18
S 19	1 4 14	14°57'22	28° 4	24°27	17° 0	25° 2	22°24	3°20	13° 4	25° 0	27° 8	28°32	27°40	11°42	n.a.	S 19
M20	1 8 10	15°58'19	12♈24	26° 0	18°14	25°31	22°18	3°16	13° 3	24°58	27°10	28°21	27°37	11°49	n.a.	M20
T 21	1 12 7	16°59'17	27° 1	27°32	19°27	26° 1	22°11	3°11	13° 2	24°57	27°11	28° 9	27°34	11°56	n.a.	T 21
W22	1 16 3	18° 0'17	11♉49	29° 4	20°41	26°30	22° 4	3° 6	13° 0	24°55	27°13	27°58	27°31	12° 3	n.a.	W22
T 23	1 20 0	19° 1'17	26°37	0♏36	21°55	26°59	21°58	3° 1	12°59	24°53	27°15	27°48	27°27	12° 9	n.a.	T 23
F 24	1 23 56	20° 2'20	11♊19	2° 8	23° 8	27°28	21°51	2°57	12°58	24°52	27°16	27°41	27°24	12°16	n.a.	F 24
S 25	1 27 53	21° 3'23	25°49	3°40	24°22	27°56	21°45	2°52	12°57	24°50	27°18	27°37	27°21	12°23	n.a.	S 25
S 26	1 31 49	22° 4'28	10♋ 2	5°11	25°36	28°25	21°39	2°47	12°55	24°48	27°19	27°35	27°18	12°29	n.a.	S 26
M27	1 35 46	23° 5'34	23°58	6°43	26°49	28°53	21°33	2°42	12°54	24°46	27°21	27°35	27°15	12°36	n.a.	M27
T 28	1 39 43	24° 6'42	7♌37	8°14	28° 3	29°21	21°27	2°37	12°53	24°45	27°22	27°34	27°12	12°43	n.a.	T 28
W29	1 43 39	25° 7'50	21° 1	9°44	29°16	29°49	21°22	2°32	12°51	24°43	27°24	27°33	27° 8	12°49	n.a.	W29
T 30	1 47 36	26° 9'00	4♍11	11°15	0♐30	0♌17	21°16	2°27	12°50	24°41	27°25	27°29	27° 5	12°56	n.a.	T 30
F 31	1 51 32	27♎10'10	17♍ 9	12♏45	1♐43	0♌44	21♓11	2♉22	12♊48	24♈40	27♌27	27♋23	27♋ 2	13♐ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	1n19	18n44	0n55	2n 5	0n34	10s13	0s29	24n14	1n21	3s45	1s46	11n 4	2s19	22n56	0n10	8n 8	2s 1	28n16	16n31	20n26	20n47	18s26			n.a.
T 2	0 55	15 38	2 4	1 20	0 28	10 43	0 32	24 11	1 22	3 48	1 46	11 3	2 19	22 56	0 10	8 8	2 1	28 15	16 31	20 26	20 48	18 28			n.a.
F 3	0 30	11 45	3 5	0 36	0 22	11 13	0 35	24 8	1 23	3 51	1 46	11 2	2 19	22 56	0 10	8 7	2 1	28 15	16 31	20 27	20 48	18 29			n.a.
S 4	0 6	7 21	3 55	0s 9	0 15	11 42	0 38	24 5	1 24	3 55	1 46	11 0	2 19	22 56	0 10	8 6	2 1	28 14	16 31	20 29	20 49	18 31			n.a.
S 5	0s19	2 42	4 32	0 54	0 9	12 12	0 40	24 2	1 25	3 58	1 46	10 59	2 20	22 56	0 10	8 6	2 1	28 14	16 32	20 31	20 50	18 33			n.a.
M 6	0 43	1s59	4 55	1 38	0 2	12 41	0 43	23 58	1 26	4 1	1 46	10 58	2 20	22 56	0 10	8 5	2 1	28 13	16 32	20 34	20 50	18 34			n.a.
T 7	1 8	6 31	5 3	2 23	0s 4	13 10	0 46	23 55	1 27	4 4	1 45	10 56	2 20	22 56	0 10	8 5	2 1	28 13	16 32	20 36	20 51	18 36			n.a.
W 8	1 32	10 42	4 57	3 7	0 11	13 38	0 49	23 51	1 28	4 7	1 45	10 55	2 20	22 56	0 10	8 4	2 1	28 13	16 33	20 39	20 51	18 37			n.a.
T 9	1 57	14 24	4 37	3 51	0 17	14 6	0 51	23 48	1 29	4 10	1 45	10 54	2 20	22 56	0 10	8 3	2 1	28 12	16 33	20 41	20 52	18 39			n.a.
F 10	2 21	17 28	4 6	4 34	0 24	14 34	0 54	23 44	1 30	4 13	1 45	10 52	2 20	22 56	0 11	8 3	2 1	28 12	16 34	20 42	20 53	18 40			n.a.
S 11	2 46	19 48	3 24	5 18	0 30	15 1	0 57	23 41	1 31	4 16	1 45	10 51	2 20	22 56	0 11	8 2	2 1	28 11	16 34	20 43	20 53	18 42			n.a.
S 12	3 10	21 17	2 33	6 1	0 37	15 28	0 59	23 37	1 33	4 19	1 45	10 49	2 20	22 56	0 11	8 2	2 1	28 11	16 34	20 44	20 54	18 43			n.a.
M13	3 34	21 49	1 36	6 43	0 43	15 55	1 2	23 33	1 34	4 22	1 45	10 48	2 20	22 56	0 11	8 1	2 1	28 11	16 35	20 44	20 55	18 45			n.a.
T 14	3 59	21 22	0 33	7 26	0 49	16 21	1 5	23 29	1 35	4 25	1 44	10 46	2 20	22 56	0 11	8 0	2 1	28 10	16 35	20 44	20 55	18 46			n.a.
W15	4 23	19 52	0s32	8 8	0 55	16 47	1 7	23 25	1 36	4 28	1 44	10 45	2 20	22 56	0 11	8 0	2 1	28 10	16 35	20 44	20 56	18 48			n.a.
T 16	4 47	17 22	1 38	8 49	1 1	17 12	1 10	23 21	1 37	4 30	1 44	10 43	2 20	22 56	0 11	7 59	2 1	28 10	16 36	20 44	20 57	18 49			n.a.
F 17	5 11	13 55	2 40	9 30	1 7	17 37	1 12	23 17	1 38	4 33	1 44	10 41	2 20	22 56	0 11	7 59	2 1	28 10	16 36	20 45	20 57	18 51			n.a.
S 18	5 35	9 39	3 35	10 11	1 13	18 2	1 15	23 12	1 40	4 36	1 44	10 40	2 20	22 56	0 11	7 58	2 1	28 9	16 37	20 46	20 58	18 52			n.a.
S 19	5 59	4 44	4 20	10 51	1 19	18 26	1 17	23 8	1 41	4 38	1 43	10 38	2 20	22 55	0 11	7 57	2 1	28 9	16 37	20 48	20 59	18 54			n.a.
M20	6 23	0n33	4 49	11 30	1 24	18 49	1 20	23 4	1 42	4 41	1 43	10 37	2 20	22 55	0 11	7 57	2 1	28 9	16 38	20 50	20 59	18 55			n.a.
T 21	6 47	5 55	5 1	12 9	1 30	19 12	1 22	22 59	1 43	4 43	1 43	10 35	2 20	22 55	0 11	7 56	2 1	28 9	16 38	20 53	21 0	18 57			n.a.
W22	7 11	11 0	4 52	12 48	1 35	19 35	1 24	22 55	1 44	4 46	1 43	10 33	2 20	22 55	0 11	7 55	2 2	28 8	16 38	20 55	21 0	18 58			n.a.
T 23	7 34	15 27	4 24	13 26	1 40	19 57	1 27	22 50	1 46	4 48	1 42	10 32	2 20	22 55	0 11	7 55	2 2	28 8	16 39	20 57	21 1	19 0			n.a.
F 24	7 58	18 54	3 38	14 3	1 44	20 18	1 29	22 46	1 47	4 51	1 42	10 30	2 20	22 55	0 11	7 54	2 2	28 8	16 39	20 58	21 2	19 1			n.a.
S 25	8 21	21 7	2 39	14 39	1 49	20 39	1 31	22 41	1 48	4 53	1 42	10 29	2 20	22 55	0 11	7 54	2 2	28 8	16 40	20 59	21 2	19 3			n.a.
S 26	8 44	21 56	1 31	15 15	1 53	20 59	1 33	22 37	1 49	4 55	1 42	10 27	2 20	22 54	0 11	7 53	2 2	28 8	16 40	21 0	21 3	19 4			n.a.
M27	9 7	21 22	0 19	15 49	1 57	21 19	1 35	22 32	1 51	4 57	1 41	10 25	2 20	22 54	0 11	7 52	2 2	28 8	16 41	21 0	21 4	19 6			n.a.
T 28	9 30	19 31	0n53	16 23	2 1	21 38	1 37	22 27	1 52	4 59	1 41	10 24	2 20	22 54	0 11	7 52	2 2	28 7	16 41	21 0	21 4	19 7			n.a.
W29	9 53	16 38	2 0	16 56	2 4	21 57	1 39	22 22	1 53	5 1	1 41	10 22	2 20	22 54	0 11	7 51	2 1	28 7	16 42	21 0	21 5	19 9			n.a.
T 30	10 16	12 56	3 0	17 28	2 8	22 15	1 41	22 18	1 55	5 3	1 41	10 20	2 20	22 54	0 11	7 50	2 1	28 7	16 42	21 1	21 6	19 10			n.a.
F 31	10s38	8n40	3n50	17s59	2s10	22s32	1s43	22n13	1n56	5s 5	1s40	10n18	2s20	22n54	0n11	7n50	2s 1	28n 7	16n43	21n 2	21n 6	19s12			n.a.

Julian Day Number = 1268786.5, Delta T = 08h19m10s
Ecliptic obliquity = 23°50'27, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'46, Lahiri = -21°03'45 Julian Calendar 1 Oct. 1240 BCE == Greg. Calendar 20 Sept. 1240 BCE

The year -1239 astronomical counting style corresponds to year 1240 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1240 BCE
geocentric

NOVEMBER 1240 BCE (-1239) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 55 29	28♎11'22	29♍56	14♏14	2♐57	1♑11	21°R 6	2°R17	12°R46	24°R38	27♑28	27°R13	26♋59	13♐ 9	n.a.	S 1
S 2	1 59 25	29°12'35	12♎33	15°43	4°10	1°38	21♓ 1	2♉12	12♊45	24♈36	27°30	27♋ 0	26°56	13°16	n.a.	S 2
M 3	2 3 22	0♏13'48	25° 0	17°11	5°23	2° 5	20°56	2° 7	12°43	24°35	27°31	26°46	26°52	13°23	n.a.	M 3
T 4	2 7 18	1°15'02	7♏16	18°38	6°37	2°32	20°52	2° 2	12°41	24°33	27°32	26°31	26°49	13°29	n.a.	T 4
W 5	2 11 15	2°16'17	19°23	20° 4	7°50	2°58	20°47	1°57	12°40	24°31	27°33	26°16	26°46	13°36	n.a.	W 5
T 6	2 15 12	3°17'32	1♐22	21°29	9° 3	3°24	20°43	1°52	12°38	24°29	27°35	26° 4	26°43	13°43	n.a.	T 6
F 7	2 19 8	4°18'48	13°14	22°52	10°17	3°50	20°39	1°47	12°36	24°28	27°36	25°54	26°40	13°49	n.a.	F 7
S 8	2 23 5	5°20'04	25° 2	24°14	11°30	4°16	20°35	1°42	12°34	24°26	27°37	25°48	26°37	13°56	n.a.	S 8
S 9	2 27 1	6°21'21	6♑49	25°34	12°43	4°41	20°32	1°37	12°32	24°24	27°38	25°44	26°33	14° 3	n.a.	S 9
M10	2 30 58	7°22'38	18°40	26°51	13°56	5° 6	20°28	1°32	12°30	24°23	27°39	25°43	26°30	14°10	n.a.	M10
T 11	2 34 54	8°23'54	0♒40	28° 5	15° 9	5°31	20°25	1°27	12°28	24°21	27°40	25°D43	26°27	14°16	n.a.	T 11
W12	2 38 51	9°25'11	12°54	29°16	16°22	5°55	20°22	1°22	12°26	24°19	27°42	25°R43	26°24	14°23	n.a.	W12
T 13	2 42 48	10°26'28	25°28	0♐24	17°35	6°19	20°19	1°18	12°24	24°18	27°43	25°42	26°21	14°30	n.a.	T 13
F 14	2 46 44	11°27'45	8♓28	1°27	18°48	6°43	20°17	1°13	12°22	24°16	27°44	25°39	26°18	14°36	n.a.	F 14
S 15	2 50 41	12°29'02	21°55	2°25	20° 0	7° 7	20°14	1° 8	12°20	24°15	27°44	25°33	26°14	14°43	n.a.	S 15
S 16	2 54 37	13°30'19	5♈53	3°17	21°13	7°31	20°12	1° 3	12°18	24°13	27°45	25°25	26°11	14°50	n.a.	S 16
M17	2 58 34	14°31'36	20°19	4° 2	22°26	7°54	20°10	0°58	12°15	24°11	27°46	25°15	26° 8	14°56	n.a.	M17
T 18	3 2 30	15°32'53	5♉10	4°40	23°38	8°16	20° 8	0°53	12°13	24°10	27°47	25° 4	26° 5	15° 3	n.a.	T 18
W19	3 6 27	16°34'10	20°15	5° 9	24°51	8°39	20° 6	0°49	12°11	24° 8	27°48	24°53	26° 2	15°10	n.a.	W19
T 20	3 10 23	17°35'27	5♊27	5°29	26° 3	9° 1	20° 5	0°44	12° 9	24° 7	27°49	24°44	25°58	15°16	n.a.	T 20
F 21	3 14 20	18°36'44	20°33	5°R39	27°16	9°23	20° 4	0°39	12° 6	24° 5	27°50	24°38	25°55	15°23	n.a.	F 21
S 22	3 18 17	19°38'01	5♋25	5°38	28°28	9°44	20° 3	0°35	12° 4	24° 4	27°50	24°34	25°52	15°30	n.a.	S 22
S 23	3 22 13	20°39'19	19°56	5°25	29°41	10° 5	20° 2	0°30	12° 2	24° 2	27°51	24°D32	25°49	15°36	n.a.	S 23
M24	3 26 10	21°40'37	4♌ 4	5° 1	0♑53	10°26	20° 2	0°26	11°59	24° 1	27°52	24°32	25°46	15°43	n.a.	M24
T 25	3 30 6	22°41'54	17°49	4°24	2° 5	10°47	20° 1	0°21	11°57	23°59	27°52	24°R33	25°43	15°50	n.a.	T 25
W26	3 34 3	23°43'12	1♍11	3°37	3°17	11° 7	20°D 1	0°17	11°55	23°58	27°53	24°33	25°39	15°56	n.a.	W26
T 27	3 37 59	24°44'30	14°14	2°39	4°29	11°26	20° 1	0°13	11°52	23°56	27°53	24°31	25°36	16° 3	n.a.	T 27
F 28	3 41 56	25°45'48	27° 0	1°32	5°41	11°46	20° 1	0° 8	11°50	23°55	27°54	24°26	25°33	16°10	n.a.	F 28
S 29	3 45 53	26°47'06	9♎32	0°19	6°53	12° 5	20° 2	0° 4	11°47	23°54	27°54	24°19	25°30	16°16	n.a.	S 29
S 30	3 49 49	27♏48'23	21♎53	29♏ 1	8♑ 5	12♑23	20♓ 2	29♈59	11♊45	23♈52	27♑55	24♋10	25♋27	16♐23	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 0	4n 6	4n27	18s29	2s13	22s49	1s45	22n 8	1n57	5s 7	1s40	10n17	2s20	22n53	0n11	7n49	2s 1	28n 7	16n43	21n 4	21n 7	19s13		n.a.
S 2	11 23	0s36	4 50	18 58	2 15	23 5	1 47	22 3	1 59	5 9	1 40	10 15	2 20	22 53	0 11	7 49	2 1	28 7	16 44	21 7	21 7	19 15		n.a.
M 3	11 44	5 12	4 59	19 25	2 16	23 20	1 48	21 58	2 0	5 10	1 39	10 13	2 20	22 53	0 11	7 48	2 1	28 7	16 44	21 9	21 8	19 16		n.a.
T 4	12 6	9 32	4 54	19 51	2 17	23 35	1 50	21 54	2 1	5 12	1 39	10 12	2 20	22 53	0 11	7 47	2 1	28 7	16 45	21 12	21 9	19 18		n.a.
W 5	12 28	13 27	4 36	20 16	2 18	23 49	1 52	21 49	2 3	5 13	1 39	10 10	2 20	22 53	0 11	7 47	2 1	28 7	16 45	21 15	21 9	19 19		n.a.
T 6	12 49	16 46	4 6	20 39	2 18	24 2	1 53	21 44	2 4	5 15	1 39	10 8	2 20	22 52	0 11	7 46	2 1	28 7	16 46	21 17	21 10	19 20		n.a.
F 7	13 10	19 23	3 25	21 0	2 17	24 15	1 54	21 39	2 6	5 16	1 38	10 7	2 20	22 52	0 11	7 45	2 1	28 7	16 46	21 19	21 10	19 22		n.a.
S 8	13 31	21 10	2 35	21 20	2 16	24 27	1 56	21 34	2 7	5 17	1 38	10 5	2 20	22 52	0 11	7 45	2 1	28 7	16 47	21 20	21 11	19 23		n.a.
S 9	13 52	22 1	1 38	21 38	2 14	24 38	1 57	21 29	2 9	5 18	1 38	10 3	2 20	22 52	0 11	7 44	2 1	28 7	16 47	21 21	21 12	19 25		n.a.
M10	14 12	21 54	0 37	21 54	2 11	24 49	1 58	21 25	2 10	5 19	1 37	10 2	2 19	22 51	0 11	7 44	2 1	28 7	16 48	21 21	21 12	19 26		n.a.
T 11	14 32	20 46	0s26	22 8	2 7	24 58	1 59	21 20	2 12	5 20	1 37	10 0	2 19	22 51	0 11	7 43	2 1	28 8	16 48	21 21	21 13	19 28		n.a.
W12	14 52	18 39	1 30	22 19	2 3	25 7	2 0	21 15	2 13	5 21	1 37	9 59	2 19	22 51	0 11	7 42	2 1	28 8	16 49	21 21	21 14	19 29		n.a.
T 13	15 12	15 36	2 31	22 29	1 57	25 16	2 1	21 10	2 15	5 22	1 36	9 57	2 19	22 51	0 11	7 42	2 1	28 8	16 50	21 22	21 14	19 30		n.a.
F 14	15 31	11 43	3 26	22 36	1 50	25 23	2 2	21 6	2 16	5 23	1 36	9 55	2 19	22 50	0 11	7 41	2 1	28 8	16 50	21 22	21 15	19 32		n.a.
S 15	15 51	7 6	4 12	22 40	1 43	25 30	2 3	21 1	2 18	5 24	1 36	9 54	2 19	22 50	0 11	7 41	2 1	28 8	16 51	21 23	21 15	19 33		n.a.
S 16	16 9	1 59	4 45	22 42	1 34	25 36	2 4	20 56	2 19	5 24	1 35	9 52	2 19	22 50	0 11	7 40	2 1	28 8	16 51	21 25	21 16	19 35		n.a.
M17	16 28	3n26	5 1	22 41	1 24	25 41	2 4	20 52	2 21	5 25	1 35	9 51	2 19	22 50	0 11	7 40	2 1	28 8	16 52	21 27	21 17	19 36		n.a.
T 18	16 46	8 47	4 58	22 37	1 12	25 46	2 5	20 47	2 22	5 25	1 35	9 49	2 18	22 49	0 11	7 39	2 1	28 9	16 52	21 29	21 17	19 37		n.a.
W19	17 4	13 43	4 33	22 30	1 0	25 49	2 5	20 43	2 24	5 25	1 34	9 48	2 18	22 49	0 11	7 38	2 1	28 9	16 53	21 31	21 18	19 39		n.a.
T 20	17 22	17 48	3 50	22 20	0 46	25 52	2 6	20 38	2 26	5 26	1 34	9 46	2 18	22 49	0 11	7 38	2 1	28 9	16 54	21 32	21 18	19 40		n.a.
F 21	17 39	20 40	2 50	22 6	0 30	25 55	2 6	20 34	2 27	5 26	1 34	9 45	2 18	22 48	0 11	7 37	2 1	28 9	16 54	21 33	21 19	19 42		n.a.
S 22	17 56	22 4	1 40	21 50	0 14	25 56	2 6	20 30	2 29	5 26	1 33	9 43	2 18	22 48	0 11	7 37	2 1	28 10	16 55	21 34	21 20	19 43		n.a.
S 23	18 13	21 56	0 25	21 30	0n 4	25 57	2 6	20 25	2 30	5 26	1 33	9 42	2 18	22 48	0 11	7 36	2 1	28 10	16 55	21 34	21 20	19 44		n.a.
M24	18 29	20 23	0n51	21 7	0 23	25 56	2 6	20 21	2 32	5 26	1 33	9 40	2 18	22 48	0 11	7 36	2 1	28 10	16 56	21 34	21 21	19 46		n.a.
T 25	18 45	17 40	2 1	20 41	0 43	25 55	2 6	20 17	2 34	5 26	1 32	9 39	2 17	22 47	0 11	7 35	2 1	28 11	16 56	21 34	21 21	19 47		n.a.
W26	19 1	14 4	3 3	20 12	1 3	25 54	2 6	20 13	2 36	5 25	1 32	9 37	2 17	22 47	0 11	7 35	2 1	28 11	16 57	21 34	21 22	19 49		n.a.
T 27	19 16	9 53	3 53	19 41	1 23	25 51	2 5	20 9	2 37	5 25	1 32	9 36	2 17	22 47	0 11	7 34	2 1	28 11	16 58	21 35	21 23	19 50		n.a.
F 28	19 31	5 21	4 31	19 9	1 42	25 48	2 5	20 5	2 39	5 25	1 31	9 35	2 17	22 46	0 11	7 34	2 1	28 12	16 58	21 35	21 23	19 51		n.a.
S 29	19 46	0 40	4 55	18 35	2 1	25 44	2 5	20 2	2 41	5 24	1 31	9 33	2 17	22 46	0 11	7 33	2 1	28 12	16 59	21 37	21 24	19 53		n.a.
S 30	20s 0	3s58	5n 5	18s 2	2n18	25s39	2s 4	19n58	2n43	5s23	1s30	9n32	2s16	22n46	0n11	7n33	2s 1	28n12	16n59	21n38	21n24	19s54		n.a.

Julian Day Number = 1268817.5, Delta T = 08h19m09s
Ecliptic obliquity = 23°50'27, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'41, Lahiri = -21°03'41 Julian Calendar 1 Nov. 1240 BCE == Greg. Calendar 21 Oct. 1240 BCE

The year -1239 astronomical counting style corresponds to year 1240 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1240 BCE
geocentric

DECEMBER 1240 BCE (-1239) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 53 46	28♏49'40	4♏ 5	27°R41	9♉16	12♌41	20♓ 3	29°R56	11°R42	23°R51	27♌55	23°R59	25♋23	16♐30	n.a.	M 1
T 2	3 57 42	29°50'57	16°10	26♏21	10°28	12°59	20° 4	29♈52	11♊40	23♈50	27°56	23♋48	25°20	16°36	n.a.	T 2
W 3	4 1 39	0♐52'14	28° 7	25° 5	11°39	13°16	20° 6	29°48	11°37	23°48	27°56	23°37	25°17	16°43	n.a.	W 3
T 4	4 5 35	1°53'30	10♐ 0	23°54	12°51	13°33	20° 7	29°44	11°34	23°47	27°56	23°28	25°14	16°50	n.a.	T 4
F 5	4 9 32	2°54'46	21°49	22°49	14° 2	13°49	20° 9	29°40	11°32	23°46	27°56	23°21	25°11	16°56	n.a.	F 5
S 6	4 13 28	3°56'01	3♉37	21°53	15°13	14° 5	20°11	29°37	11°29	23°45	27°57	23°16	25° 8	17° 3	n.a.	S 6
S 7	4 17 25	4°57'15	15°26	21° 6	16°24	14°21	20°13	29°33	11°27	23°43	27°57	23°14	25° 4	17°10	n.a.	S 7
M 8	4 21 22	5°58'28	27°18	20°29	17°36	14°36	20°15	29°30	11°24	23°42	27°57	23°D13	25° 1	17°17	n.a.	M 8
T 9	4 25 18	6°59'40	9♒19	20° 1	18°46	14°50	20°18	29°26	11°21	23°41	27°57	23°14	24°58	17°23	n.a.	T 9
W10	4 29 15	8° 0'52	21°32	19°43	19°57	15° 4	20°20	29°23	11°19	23°40	27°57	23°16	24°55	17°30	n.a.	W10
T 11	4 33 11	9° 2'02	4♓ 3	19°33	21° 8	15°17	20°23	29°20	11°16	23°39	27°57	23°R17	24°52	17°37	n.a.	T 11
F 12	4 37 8	10° 3'11	16°56	19°D33	22°18	15°30	20°26	29°16	11°14	23°38	27°R57	23°17	24°49	17°43	n.a.	F 12
S 13	4 41 4	11° 4'19	0♈15	19°40	23°29	15°43	20°30	29°13	11°11	23°37	27°57	23°15	24°45	17°50	n.a.	S 13
S 14	4 45 1	12° 5'25	14° 2	19°55	24°39	15°55	20°33	29°10	11° 8	23°36	27°57	23°11	24°42	17°57	n.a.	S 14
M15	4 48 57	13° 6'31	28°20	20°16	25°49	16° 6	20°37	29° 8	11° 6	23°35	27°57	23° 6	24°39	18° 3	n.a.	M15
T 16	4 52 54	14° 7'35	13♉ 4	20°44	26°59	16°17	20°41	29° 5	11° 3	23°34	27°57	23° 0	24°36	18°10	n.a.	T 16
W17	4 56 51	15° 8'38	28° 9	21°17	28° 9	16°27	20°45	29° 2	11° 1	23°33	27°57	22°54	24°33	18°17	n.a.	W17
T 18	5 0 47	16° 9'40	13♊25	21°56	29°19	16°36	20°49	28°59	10°58	23°32	27°57	22°49	24°29	18°23	n.a.	T 18
F 19	5 4 44	17°10'41	28°42	22°39	0♒29	16°45	20°54	28°57	10°55	23°31	27°56	22°45	24°26	18°30	n.a.	F 19
S 20	5 8 40	18°11'41	13♋50	23°26	1°38	16°54	20°58	28°55	10°53	23°30	27°56	22°43	24°23	18°37	n.a.	S 20
S 21	5 12 37	19°12'39	28°40	24°18	2°47	17° 2	21° 3	28°52	10°50	23°29	27°56	22°D43	24°20	18°43	n.a.	S 21
M22	5 16 33	20°13'37	13♌ 5	25°12	3°56	17° 9	21° 8	28°50	10°48	23°29	27°55	22°44	24°17	18°50	n.a.	M22
T 23	5 20 30	21°14'34	27° 4	26°10	5° 5	17°15	21°13	28°48	10°45	23°28	27°55	22°46	24°14	18°57	n.a.	T 23
W24	5 24 27	22°15'30	10♍36	27°11	6°14	17°21	21°18	28°46	10°43	23°27	27°55	22°47	24°10	19° 3	n.a.	W24
T 25	5 28 23	23°16'24	23°43	28°14	7°23	17°26	21°24	28°44	10°40	23°26	27°54	22°R48	24° 7	19°10	n.a.	T 25
F 26	5 32 20	24°17'18	6♎28	29°20	8°31	17°31	21°30	28°43	10°37	23°26	27°54	22°47	24° 4	19°17	n.a.	F 26
S 27	5 36 16	25°18'11	18°56	0♐28	9°39	17°35	21°35	28°41	10°35	23°25	27°53	22°45	24° 1	19°23	n.a.	S 27
S 28	5 40 13	26°19'02	1♏10	1°38	10°47	17°38	21°41	28°39	10°32	23°25	27°53	22°42	23°58	19°30	n.a.	S 28
M29	5 44 9	27°19'52	13°13	2°50	11°55	17°40	21°48	28°38	10°30	23°24	27°52	22°38	23°55	19°37	n.a.	M29
T 30	5 48 6	28°20'41	25° 8	4° 4	13° 3	17°42	21°54	28°37	10°27	23°23	27°51	22°33	23°51	19°43	n.a.	T 30
W31	5 52 2	29♐21'29	6♐59	5♐19	14♒10	17♌43	22♓ 1	28♈35	10♊25	23♈23	27♌51	22♋29	23♋48	19♐50	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	20s14	8s23	5n 0	17s29	2n34	25s33	2s 3	19n54	2n44	5s23	1s30	9n31	2s16	22n45	0n11	7n32	2s 1	28n13	17n 0	21n40	21n25	19s55			n.a.
T 2	20 27	12 27	4 42	16 57	2 47	25 27	2 2	19 51	2 46	5 22	1 30	9 30	2 16	22 45	0 11	7 32	2 1	28 13	17 1	21 42	21 26	19 57			n.a.
W 3	20 40	15 59	4 12	16 28	2 59	25 20	2 1	19 48	2 48	5 21	1 29	9 28	2 16	22 45	0 11	7 32	2 1	28 14	17 1	21 44	21 26	19 58			n.a.
T 4	20 53	18 51	3 31	16 2	3 8	25 12	2 0	19 45	2 50	5 20	1 29	9 27	2 16	22 44	0 11	7 31	2 0	28 14	17 2	21 46	21 27	19 59			n.a.
F 5	21 5	20 54	2 41	15 40	3 14	25 4	1 59	19 42	2 52	5 19	1 29	9 26	2 15	22 44	0 11	7 31	2 0	28 14	17 2	21 47	21 27	20 1			n.a.
S 6	21 17	22 4	1 44	15 21	3 18	24 55	1 58	19 39	2 54	5 18	1 28	9 25	2 15	22 44	0 11	7 30	2 0	28 15	17 3	21 48	21 28	20 2			n.a.
S 7	21 29	22 14	0 42	15 7	3 20	24 45	1 57	19 36	2 56	5 17	1 28	9 24	2 15	22 43	0 11	7 30	2 0	28 15	17 4	21 48	21 29	20 3			n.a.
M 8	21 40	21 25	0s22	14 57	3 21	24 34	1 55	19 33	2 58	5 16	1 28	9 23	2 15	22 43	0 11	7 30	2 0	28 16	17 4	21 48	21 29	20 5			n.a.
T 9	21 50	19 36	1 26	14 51	3 19	24 23	1 54	19 31	3 0	5 14	1 27	9 22	2 14	22 43	0 11	7 29	2 0	28 16	17 5	21 48	21 30	20 6			n.a.
W10	22 1	16 53	2 27	14 49	3 16	24 11	1 52	19 28	3 1	5 13	1 27	9 21	2 14	22 42	0 12	7 29	2 0	28 17	17 5	21 48	21 30	20 7			n.a.
T 11	22 10	13 20	3 23	14 51	3 11	23 58	1 50	19 26	3 3	5 12	1 27	9 20	2 14	22 42	0 12	7 28	2 0	28 17	17 6	21 48	21 31	20 9			n.a.
F 12	22 20	9 5	4 10	14 56	3 6	23 45	1 49	19 24	3 5	5 10	1 26	9 19	2 14	22 41	0 12	7 28	2 0	28 18	17 7	21 48	21 31	20 10			n.a.
S 13	22 29	4 16	4 46	15 4	3 0	23 31	1 47	19 22	3 7	5 8	1 26	9 18	2 13	22 41	0 12	7 28	2 0	28 18	17 7	21 48	21 32	20 11			n.a.
S 14	22 37	0n56	5 7	15 15	2 52	23 16	1 45	19 21	3 9	5 7	1 26	9 17	2 13	22 41	0 12	7 27	2 0	28 19	17 8	21 49	21 33	20 13			n.a.
M15	22 45	6 15	5 9	15 28	2 45	23 1	1 42	19 19	3 12	5 5	1 25	9 17	2 13	22 40	0 12	7 27	2 0	28 20	17 8	21 50	21 33	20 14			n.a.
T 16	22 53	11 23	4 52	15 43	2 36	22 45	1 40	19 18	3 14	5 3	1 25	9 16	2 13	22 40	0 12	7 27	2 0	28 20	17 9	21 51	21 34	20 15			n.a.
W17	23 0	15 57	4 14	16 1	2 28	22 28	1 38	19 16	3 16	5 1	1 25	9 15	2 12	22 40	0 12	7 26	2 0	28 21	17 9	21 52	21 34	20 17			n.a.
T 18	23 6	19 31	3 18	16 19	2 19	22 11	1 35	19 15	3 18	4 59	1 24	9 15	2 12	22 39	0 12	7 26	2 0	28 21	17 10	21 52	21 35	20 18			n.a.
F 19	23 13	21 43	2 7	16 39	2 10	21 53	1 33	19 15	3 20	4 57	1 24	9 14	2 12	22 39	0 12	7 26	2 0	28 22	17 11	21 53	21 35	20 19			n.a.
S 20	23 18	22 18	0 48	17 0	2 0	21 35	1 30	19 14	3 22	4 55	1 24	9 13	2 12	22 39	0 12	7 26	2 0	28 23	17 11	21 53	21 36	20 20			n.a.
S 21	23 24	21 18	0n32	17 22	1 51	21 16	1 27	19 14	3 24	4 53	1 23	9 13	2 11	22 38	0 12	7 25	2 0	28 23	17 12	21 53	21 37	20 22			n.a.
M22	23 28	18 55	1 49	17 45	1 42	20 57	1 24	19 13	3 26	4 50	1 23	9 12	2 11	22 38	0 12	7 25	1 59	28 24	17 12	21 53	21 37	20 23			n.a.
T 23	23 33	15 28	2 57	18 8	1 32	20 37	1 21	19 13	3 28	4 48	1 23	9 12	2 11	22 37	0 12	7 25	1 59	28 25	17 13	21 53	21 38	20 24			n.a.
W24	23 37	11 18	3 53	18 31	1 23	20 17	1 18	19 14	3 30	4 46	1 22	9 11	2 10	22 37	0 12	7 25	1 59	28 25	17 13	21 53	21 38	20 26			n.a.
T 25	23 40	6 43	4 34	18 55	1 13	19 56	1 15	19 14	3 33	4 43	1 22	9 11	2 10	22 37	0 12	7 25	1 59	28 26	17 14	21 53	21 39	20 27			n.a.
F 26	23 43	1 59	5 1	19 18	1 4	19 35	1 11	19 15	3 35	4 40	1 22	9 11	2 10	22 36	0 12	7 24	1 59	28 27	17 15	21 53	21 39	20 28			n.a.
S 27	23 45	2s43	5 13	19 42	0 55	19 13	1 8	19 15	3 37	4 38	1 21	9 10	2 10	22 36	0 12	7 24	1 59	28 27	17 15	21 53	21 40	20 29			n.a.
S 28	23 47	7 14	5 10	20 5	0 46	18 51	1 4	19 16	3 39	4 35	1 21	9 10	2 9	22 36	0 12	7 24	1 59	28 28	17 16	21 54	21 41	20 31			n.a.
M29	23 49	11 24	4 54	20 29	0 37	18 28	1 0	19 18	3 41	4 32	1 21	9 10	2 9	22 35	0 12	7 24	1 59	28 29	17 16	21 54	21 41	20 32			n.a.
T 30	23 50	15 5	4 25	20 51	0 28	18 5	0 57	19 19	3 43	4 29	1 20	9 10	2 9	22 35	0 12	7 24	1 59	28 29	17 17	21 55	21 42	20 33			n.a.
W31	23s50	18s 9	3n44	21s14	0n19	17s41	0s53	19n21	3n46	4s27	1s20	9n 9	2s 8	22n35	0n12	7n24	1s59	28n30	17n17	21n56	21n42	20s34			n.a.

Julian Day Number = 1268847.5, Delta T = 08h19m07s
Ecliptic obliquity = 23°50'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'37, Lahiri = -21°03'37 Julian Calendar 1 Dec. 1240 BCE == Greg. Calendar 20 Nov. 1240 BCE

The year -1239 astronomical counting style corresponds to year 1240 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1239 BCE
geocentric

JANUARY 1239 BCE (-1238) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 55 59	0♉22'15	18♐48	6♐36	15♒18	17°R43	22♓ 7	28°R34	10°R23	23°R22	27°R50	22°R25	23♋45	19♐57	n.a.	T 1
F 2	5 59 56	1°23'00	0♉37	7°54	16°25	17♎43	22°14	28♈33	10♊20	23♈22	27♎49	22♋23	23°42	20° 3	n.a.	F 2
S 3	6 3 52	2°23'43	12°27	9°14	17°31	17°41	22°21	28°33	10°18	23°22	27°49	22°21	23°39	20°10	n.a.	S 3
S 4	6 7 49	3°24'25	24°21	10°35	18°38	17°39	22°28	28°32	10°15	23°21	27°48	22°D21	23°35	20°17	n.a.	S 4
M 5	6 11 45	4°25'05	6♒22	11°57	19°44	17°36	22°36	28°31	10°13	23°21	27°47	22°22	23°32	20°23	n.a.	M 5
T 6	6 15 42	5°25'43	18°30	13°20	20°51	17°33	22°43	28°31	10°11	23°21	27°46	22°23	23°29	20°30	n.a.	T 6
W 7	6 19 38	6°26'19	0♓50	14°45	21°56	17°28	22°51	28°30	10° 9	23°20	27°46	22°24	23°26	20°37	n.a.	W 7
T 8	6 23 35	7°26'53	13°25	16°10	23° 2	17°23	22°58	28°30	10° 6	23°20	27°45	22°26	23°23	20°43	n.a.	T 8
F 9	6 27 31	8°27'26	26°18	17°37	24° 7	17°17	23° 6	28°30	10° 4	23°20	27°44	22°26	23°20	20°50	n.a.	F 9
S 10	6 31 28	9°27'56	9♈32	19° 5	25°12	17°11	23°14	28°D30	10° 2	23°20	27°43	22°R27	23°16	20°57	n.a.	S 10
S 11	6 35 25	10°28'24	23°10	20°33	26°17	17° 3	23°23	28°30	10° 0	23°20	27°42	22°26	23°13	21° 3	n.a.	S 11
M12	6 39 21	11°28'50	7♉12	22° 3	27°21	16°55	23°31	28°30	9°58	23°20	27°41	22°26	23°10	21°10	n.a.	M12
T 13	6 43 18	12°29'14	21°39	23°34	28°26	16°46	23°39	28°30	9°56	23°20	27°40	22°25	23° 7	21°17	n.a.	T 13
W14	6 47 14	13°29'36	6♊26	25° 5	29°29	16°36	23°48	28°31	9°53	23°D19	27°39	22°23	23° 4	21°23	n.a.	W14
T 15	6 51 11	14°29'55	21°28	26°38	0♓33	16°26	23°57	28°31	9°51	23°19	27°38	22°22	23° 1	21°30	n.a.	T 15
F 16	6 55 7	15°30'13	6♋36	28°12	1°36	16°14	24° 6	28°32	9°49	23°20	27°37	22°22	22°57	21°37	n.a.	F 16
S 17	6 59 4	16°30'29	21°42	29°46	2°39	16° 2	24°15	28°33	9°48	23°20	27°35	22°D22	22°54	21°43	n.a.	S 17
S 18	7 3 0	17°30'43	6♎36	1♉22	3°41	15°49	24°24	28°34	9°46	23°20	27°34	22°22	22°51	21°50	n.a.	S 18
M19	7 6 57	18°30'55	21°11	2°59	4°43	15°36	24°33	28°35	9°44	23°20	27°33	22°22	22°48	21°57	n.a.	M19
T 20	7 10 54	19°31'05	5♍22	4°36	5°45	15°21	24°42	28°36	9°42	23°20	27°32	22°22	22°45	22° 3	n.a.	T 20
W21	7 14 50	20°31'14	19° 5	6°15	6°46	15° 6	24°52	28°37	9°40	23°20	27°31	22°23	22°41	22°10	n.a.	W21
T 22	7 18 47	21°31'21	2♎22	7°55	7°47	14°51	25° 1	28°38	9°38	23°21	27°29	22°23	22°38	22°17	n.a.	T 22
F 23	7 22 43	22°31'25	15°14	9°36	8°48	14°34	25°11	28°40	9°37	23°21	27°28	22°23	22°35	22°23	n.a.	F 23
S 24	7 26 40	23°31'29	27°45	11°17	9°48	14°17	25°21	28°41	9°35	23°21	27°27	22°23	22°32	22°30	n.a.	S 24
S 25	7 30 36	24°31'30	9♏58	13° 0	10°47	13°59	25°31	28°43	9°33	23°21	27°26	22°23	22°29	22°37	n.a.	S 25
M26	7 34 33	25°31'30	21°59	14°44	11°46	13°41	25°41	28°45	9°32	23°22	27°24	22°23	22°26	22°43	n.a.	M26
T 27	7 38 29	26°31'28	3♐51	16°29	12°45	13°22	25°51	28°47	9°30	23°22	27°23	22°24	22°22	22°50	n.a.	T 27
W28	7 42 26	27°31'24	15°39	18°16	13°43	13° 3	26° 2	28°49	9°29	23°23	27°22	22°24	22°19	22°57	n.a.	W28
T 29	7 46 23	28°31'18	27°27	20° 3	14°41	12°43	26°12	28°51	9°27	23°23	27°20	22°25	22°16	23° 3	n.a.	T 29
F 30	7 50 19	29°31'10	9♑17	21°52	15°38	12°22	26°22	28°53	9°26	23°24	27°19	22°25	22°13	23°10	n.a.	F 30
S 31	7 54 16	0♒31'00	21♑13	23♑41	16♓35	12♎ 1	26♓33	28♈55	9♊24	23♈24	27♎17	22°R26	22♋10	23♐17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23s50	20s28	2n55	21s36	0n11	17s18	0s49	19n23	3n48	4s24	1s20	9n 9	2s 8	22n34	0n12	7n24	1s59	28n31	17n18	21n56	21n43	20s36			n.a.
F 2	23 50	21 53	1 57	21 57	0 2	16 53	0 45	19 25	3 50	4 21	1 19	9 9	2 8	22 34	0 12	7 23	1 59	28 32	17 18	21 57	21 43	20 37			n.a.
S 3	23 49	22 21	0 54	22 18	0s 6	16 29	0 40	19 28	3 52	4 18	1 19	9 9	2 8	22 34	0 12	7 23	1 59	28 32	17 19	21 57	21 44	20 38			n.a.
S 4	23 48	21 47	0s11	22 38	0 14	16 4	0 36	19 30	3 54	4 14	1 19	9 9	2 7	22 33	0 12	7 23	1 59	28 33	17 19	21 57	21 44	20 39			n.a.
M 5	23 46	20 14	1 17	22 57	0 22	15 38	0 32	19 33	3 56	4 11	1 19	9 9	2 7	22 33	0 12	7 23	1 59	28 34	17 20	21 57	21 45	20 40			n.a.
T 6	23 44	17 45	2 20	23 16	0 29	15 13	0 27	19 36	3 58	4 8	1 18	9 9	2 7	22 33	0 12	7 23	1 58	28 35	17 20	21 57	21 46	20 42			n.a.
W 7	23 41	14 25	3 17	23 33	0 36	14 47	0 22	19 40	4 1	4 5	1 18	9 9	2 6	22 32	0 12	7 23	1 58	28 35	17 21	21 57	21 46	20 43			n.a.
T 8	23 38	10 24	4 7	23 50	0 43	14 21	0 18	19 43	4 3	4 1	1 18	9 10	2 6	22 32	0 12	7 23	1 58	28 36	17 21	21 56	21 47	20 44			n.a.
F 9	23 34	5 50	4 45	24 5	0 50	13 54	0 13	19 47	4 5	3 58	1 17	9 10	2 6	22 32	0 12	7 23	1 58	28 37	17 22	21 56	21 47	20 45			n.a.
S 10	23 30	0 53	5 9	24 20	0 57	13 28	0 8	19 51	4 7	3 54	1 17	9 10	2 5	22 31	0 12	7 23	1 58	28 38	17 22	21 56	21 48	20 47			n.a.
S 11	23 25	4n15	5 17	24 33	1 3	13 1	0 3	19 56	4 9	3 51	1 17	9 10	2 5	22 31	0 12	7 23	1 58	28 39	17 23	21 56	21 48	20 48			n.a.
M12	23 20	9 19	5 7	24 45	1 9	12 34	0n 2	20 0	4 11	3 47	1 17	9 11	2 5	22 31	0 12	7 23	1 58	28 39	17 23	21 56	21 49	20 49			n.a.
T 13	23 15	14 1	4 37	24 56	1 15	12 6	0 7	20 5	4 13	3 43	1 16	9 11	2 5	22 30	0 12	7 23	1 58	28 40	17 24	21 57	21 49	20 50			n.a.
W14	23 9	18 0	3 48	25 5	1 21	11 39	0 13	20 10	4 15	3 40	1 16	9 12	2 4	22 30	0 12	7 23	1 58	28 41	17 24	21 57	21 50	20 51			n.a.
T 15	23 2	20 51	2 43	25 14	1 26	11 11	0 18	20 15	4 16	3 36	1 16	9 12	2 4	22 30	0 12	7 23	1 58	28 42	17 25	21 57	21 50	20 52			n.a.
F 16	22 55	22 14	1 26	25 20	1 31	10 43	0 24	20 20	4 18	3 32	1 15	9 13	2 4	22 29	0 12	7 23	1 58	28 43	17 25	21 57	21 51	20 54			n.a.
S 17	22 48	22 0	0 4	25 26	1 35	10 15	0 29	20 25	4 20	3 28	1 15	9 13	2 3	22 29	0 12	7 23	1 58	28 43	17 25	21 57	21 52	20 55			n.a.
S 18	22 40	20 12	1n18	25 30	1 40	9 47	0 35	20 31	4 22	3 24	1 15	9 14	2 3	22 29	0 12	7 24	1 58	28 44	17 26	21 57	21 52	20 56			n.a.
M19	22 32	17 6	2 34	25 32	1 44	9 19	0 41	20 37	4 24	3 20	1 15	9 14	2 3	22 29	0 12	7 24	1 58	28 45	17 26	21 57	21 53	20 57			n.a.
T 20	22 24	13 3	3 37	25 33	1 47	8 50	0 46	20 43	4 25	3 16	1 14	9 15	2 2	22 28	0 12	7 24	1 57	28 46	17 27	21 57	21 53	20 58			n.a.
W21	22 15	8 27	4 26	25 32	1 50	8 22	0 52	20 49	4 27	3 12	1 14	9 16	2 2	22 28	0 12	7 24	1 57	28 47	17 27	21 57	21 54	20 59			n.a.
T 22	22 5	3 36	4 59	25 29	1 53	7 53	0 58	20 55	4 28	3 8	1 14	9 16	2 2	22 28	0 12	7 24	1 57	28 47	17 27	21 57	21 54	21 1			n.a.
F 23	21 55	1s15	5 15	25 25	1 56	7 25	1 4	21 1	4 30	3 4	1 14	9 17	2 2	22 27	0 12	7 24	1 57	28 48	17 28	21 57	21 55	21 2			n.a.
S 24	21 45	5 56	5 17	25 19	1 58	6 56	1 11	21 8	4 31	3 0	1 13	9 18	2 1	22 27	0 12	7 25	1 57	28 49	17 28	21 57	21 55	21 3			n.a.
S 25	21 35	10 15	5 3	25 11	2 0	6 28	1 17	21 14	4 32	2 56	1 13	9 19	2 1	22 27	0 12	7 25	1 57	28 50	17 29	21 57	21 56	21 4			n.a.
M26	21 23	14 7	4 37	25 1	2 1	5 59	1 23	21 21	4 33	2 51	1 13	9 20	2 1	22 27	0 12	7 25	1 57	28 51	17 29	21 57	21 56	21 5			n.a.
T 27	21 12	17 22	3 59	24 49	2 2	5 31	1 30	21 28	4 34	2 47	1 13	9 21	2 0	22 27	0 12	7 25	1 57	28 52	17 29	21 57	21 57	21 6			n.a.
W28	21 0	19 54	3 11	24 36	2 2	5 2	1 36	21 34	4 35	2 43	1 12	9 22	2 0	22 26	0 12	7 25	1 57	28 52	17 30	21 57	21 57	21 7			n.a.
T 29	20 48	21 35	2 14	24 20	2 2	4 33	1 43	21 41	4 36	2 38	1 12	9 23	2 0	22 26	0 12	7 26	1 57	28 53	17 30	21 56	21 58	21 9			n.a.
F 30	20 36	22 18	1 12	24 2	2 2	4 5	1 49	21 48	4 37	2 34	1 12	9 24	2 0	22 26	0 12	7 26	1 57	28 54	17 30	21 56	21 58	21 10			n.a.
S 31	20s23	22s 1	0n 7	23s43	2s 1	3s37	1n56	21n55	4n38	2s29	1s12	9n25	1s59	22n26	0n12	7n26	1s57	28n55	17n30	21n56	21n59	21s11			n.a.

Julian Day Number = 1268878.5, Delta T = 08h19m05s
Ecliptic obliquity = 23°50'26, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'33, Lahiri = -21°03'33 Julian Calendar 1 Jan. 1239 BCE == Greg. Calendar 21 Dec. 1240 BCE

The year -1238 astronomical counting style corresponds to year 1239 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1239 BCE
geocentric

FEBRUARY 1239 BCE (-1238) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 58 12	1♒30'48	3♒17	25♉32	17♓31	11°R40	26♓44	28♈58	9°R23	23♈25	27°R16	22°R25	22♋ 7	23♐23	n.a.	S 1
M 2	8 2 9	2°30'34	15°30	27°24	18°26	11♌18	26°55	29° 0	9♊22	23°26	27♌14	22♋25	22° 3	23°30	n.a.	M 2
T 3	8 6 5	3°30'18	27°53	29°17	19°21	10°56	27° 6	29° 3	9°21	23°26	27°13	22°23	22° 0	23°37	n.a.	T 3
W 4	8 10 2	4°29'59	10♓29	1♒11	20°15	10°33	27°17	29° 5	9°19	23°27	27°11	22°22	21°57	23°43	n.a.	W 4
T 5	8 13 58	5°29'38	23°18	3° 6	21° 9	10°11	27°28	29° 8	9°18	23°28	27°10	22°20	21°54	23°50	n.a.	T 5
F 6	8 17 55	6°29'15	6♈22	5° 3	22° 2	9°48	27°39	29°11	9°17	23°28	27° 8	22°18	21°51	23°57	n.a.	F 6
S 7	8 21 52	7°28'49	19°41	7° 0	22°54	9°25	27°50	29°14	9°16	23°29	27° 7	22°17	21°47	24° 3	n.a.	S 7
S 8	8 25 48	8°28'21	3♉18	8°58	23°46	9° 1	28° 2	29°17	9°15	23°30	27° 5	22°D16	21°44	24°10	n.a.	S 8
M 9	8 29 45	9°27'50	17°11	10°57	24°36	8°38	28°13	29°21	9°14	23°31	27° 4	22°16	21°41	24°17	n.a.	M 9
T 10	8 33 41	10°27'17	1♊21	12°57	25°26	8°15	28°25	29°24	9°13	23°32	27° 2	22°17	21°38	24°23	n.a.	T 10
W11	8 37 38	11°26'41	15°47	14°58	26°16	7°51	28°36	29°27	9°12	23°33	27° 1	22°18	21°35	24°30	n.a.	W11
T 12	8 41 34	12°26'03	0♋25	16°59	27° 4	7°28	28°48	29°31	9°12	23°34	26°59	22°20	21°32	24°37	n.a.	T 12
F 13	8 45 31	13°25'23	15°10	19° 0	27°52	7° 5	29° 0	29°35	9°11	23°35	26°57	22°R20	21°28	24°43	n.a.	F 13
S 14	8 49 27	14°24'40	29°57	21° 1	28°38	6°42	29°12	29°38	9°10	23°36	26°56	22°20	21°25	24°50	n.a.	S 14
S 15	8 53 24	15°23'55	14♌37	23° 2	29°24	6°19	29°24	29°42	9°10	23°37	26°54	22°19	21°22	24°57	n.a.	S 15
M16	8 57 20	16°23'07	29° 5	25° 3	0♈ 8	5°56	29°36	29°46	9° 9	23°38	26°52	22°17	21°19	25° 3	n.a.	M16
T 17	9 1 17	17°22'18	13♍15	27° 3	0°52	5°34	29°48	29°50	9° 9	23°39	26°51	22°14	21°16	25°10	n.a.	T 17
W18	9 5 14	18°21'26	27° 2	29° 2	1°35	5°12	29°59	29°54	9° 8	23°40	26°49	22°10	21°13	25°17	n.a.	W18
T 19	9 9 10	19°20'33	10♎24	1♓ 0	2°16	4°50	0♈12	29°58	9° 8	23°41	26°48	22° 6	21° 9	25°23	n.a.	T 19
F 20	9 13 7	20°19'37	23°21	2°55	2°57	4°29	0°24	0♉ 3	9° 7	23°42	26°46	22° 2	21° 6	25°30	n.a.	F 20
S 21	9 17 3	21°18'40	5♏57	4°49	3°36	4° 8	0°37	0° 7	9° 7	23°43	26°44	22° 0	21° 3	25°37	n.a.	S 21
S 22	9 21 0	22°17'40	18°13	6°40	4°14	3°48	0°49	0°12	9° 7	23°45	26°43	21°D59	21° 0	25°43	n.a.	S 22
M23	9 24 56	23°16'39	0♐15	8°27	4°51	3°28	1° 2	0°16	9° 6	23°46	26°41	21°59	20°57	25°50	n.a.	M23
T 24	9 28 53	24°15'36	12° 8	10°12	5°26	3° 8	1°14	0°21	9° 6	23°47	26°39	22° 0	20°53	25°57	n.a.	T 24
W25	9 32 49	25°14'31	23°56	11°53	6° 0	2°49	1°27	0°25	9° 6	23°49	26°38	22° 2	20°50	26° 3	n.a.	W25
T 26	9 36 46	26°13'24	5♑45	13°29	6°33	2°31	1°40	0°30	9°D 6	23°50	26°36	22° 4	20°47	26°10	n.a.	T 26
F 27	9 40 42	27°12'15	17°38	15° 2	7° 4	2°13	1°52	0°35	9° 6	23°51	26°34	22°R 5	20°44	26°17	n.a.	F 27
S 28	9 44 39	28♒11'04	29♑40	16♓29	7♈34	1♌56	2♈ 5	0♉40	9♊ 6	23♈53	26♌33	22♋ 4	20♋41	26♐23	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	20s 9	20s43	1s 0	23s21	2s 0	3s 8	2n 3	22n 1	4n39	2s25	1s11	9n26	1s59	22n25	0n12	7n26	1s57	28n56	17n31	21n56	22n 0	21s12			n.a.	S 1
M 2	19 56	18 26	2 5	22 57	1 58	2 40	2 9	22 8	4 39	2 20	1 11	9 27	1 59	22 25	0 12	7 27	1 57	28 56	17 31	21 57	22 0	21 13			n.a.	M 2
T 3	19 42	15 17	3 4	22 31	1 55	2 12	2 16	22 15	4 39	2 15	1 11	9 29	1 58	22 25	0 12	7 27	1 56	28 57	17 31	21 57	22 1	21 14			n.a.	T 3
W 4	19 27	11 23	3 56	22 3	1 52	1 44	2 23	22 22	4 40	2 11	1 11	9 30	1 58	22 25	0 12	7 27	1 56	28 58	17 32	21 57	22 1	21 15			n.a.	W 4
T 5	19 13	6 56	4 37	21 33	1 48	1 16	2 30	22 28	4 40	2 6	1 11	9 31	1 58	22 25	0 12	7 28	1 56	28 59	17 32	21 57	22 2	21 16			n.a.	T 5
F 6	18 58	2 5	5 4	21 1	1 44	0 49	2 37	22 35	4 40	2 1	1 10	9 32	1 58	22 25	0 12	7 28	1 56	29 0	17 32	21 58	22 2	21 17			n.a.	F 6
S 7	18 43	2n58	5 16	20 26	1 40	0 21	2 44	22 41	4 40	1 57	1 10	9 34	1 57	22 24	0 12	7 28	1 56	29 0	17 32	21 58	22 3	21 18			n.a.	S 7
S 8	18 27	7 57	5 11	19 50	1 34	0n 6	2 51	22 47	4 40	1 52	1 10	9 35	1 57	22 24	0 12	7 29	1 56	29 1	17 33	21 58	22 3	21 20			n.a.	S 8
M 9	18 11	12 40	4 47	19 11	1 28	0 33	2 59	22 53	4 40	1 47	1 10	9 37	1 57	22 24	0 12	7 29	1 56	29 2	17 33	21 58	22 4	21 21			n.a.	M 9
T 10	17 55	16 46	4 6	18 31	1 22	1 0	3 6	22 59	4 39	1 42	1 9	9 38	1 56	22 24	0 12	7 30	1 56	29 3	17 33	21 58	22 4	21 22			n.a.	T 10
W11	17 38	19 57	3 9	17 48	1 15	1 26	3 13	23 5	4 39	1 37	1 9	9 40	1 56	22 24	0 12	7 30	1 56	29 4	17 33	21 58	22 5	21 23			n.a.	W11
T 12	17 21	21 52	1 58	17 4	1 7	1 52	3 20	23 11	4 38	1 32	1 9	9 41	1 56	22 24	0 12	7 30	1 56	29 4	17 33	21 57	22 5	21 24			n.a.	T 12
F 13	17 4	22 18	0 40	16 18	0 58	2 18	3 28	23 16	4 37	1 27	1 9	9 43	1 56	22 24	0 12	7 31	1 56	29 5	17 34	21 57	22 6	21 25			n.a.	F 13
S 14	16 47	21 11	0n42	15 31	0 49	2 43	3 35	23 22	4 37	1 22	1 9	9 44	1 55	22 23	0 12	7 31	1 56	29 6	17 34	21 57	22 6	21 26			n.a.	S 14
S 15	16 29	18 38	2 0	14 42	0 40	3 9	3 42	23 27	4 36	1 17	1 9	9 46	1 55	22 23	0 12	7 32	1 56	29 7	17 34	21 57	22 7	21 27			n.a.	S 15
M16	16 11	14 55	3 9	13 51	0 30	3 33	3 50	23 32	4 35	1 12	1 8	9 47	1 55	22 23	0 12	7 32	1 56	29 7	17 34	21 58	22 7	21 28			n.a.	M16
T 17	15 53	10 27	4 5	13 0	0 19	3 58	3 57	23 36	4 33	1 7	1 8	9 49	1 54	22 23	0 12	7 33	1 56	29 8	17 34	21 58	22 8	21 29			n.a.	T 17
W18	15 35	5 32	4 44	12 8	0 8	4 22	4 4	23 41	4 32	1 2	1 8	9 51	1 54	22 23	0 12	7 33	1 55	29 9	17 34	21 59	22 8	21 30			n.a.	W18
T 19	15 16	0 31	5 7	11 15	0n 3	4 45	4 12	23 45	4 31	0 57	1 8	9 53	1 54	22 23	0 12	7 34	1 55	29 9	17 34	22 0	22 9	21 31			n.a.	T 19
F 20	14 57	4s22	5 14	10 22	0 15	5 8	4 19	23 49	4 29	0 52	1 8	9 54	1 54	22 23	0 12	7 34	1 55	29 10	17 35	22 0	22 9	21 32			n.a.	F 20
S 21	14 38	8 56	5 5	9 29	0 27	5 31	4 27	23 52	4 28	0 47	1 7	9 56	1 53	22 23	0 12	7 35	1 55	29 11	17 35	22 1	22 10	21 33			n.a.	S 21
S 22	14 19	13 2	4 42	8 37	0 39	5 53	4 34	23 56	4 26	0 42	1 7	9 58	1 53	22 23	0 12	7 35	1 55	29 12	17 35	22 1	22 10	21 34			n.a.	S 22
M23	13 59	16 31	4 7	7 45	0 51	6 15	4 41	23 59	4 24	0 36	1 7	10 0	1 53	22 23	0 12	7 36	1 55	29 12	17 35	22 1	22 11	21 35			n.a.	M23
T 24	13 39	19 18	3 22	6 53	1 4	6 36	4 49	24 2	4 23	0 31	1 7	10 2	1 53	22 23	0 12	7 36	1 55	29 13	17 35	22 1	22 11	21 36			n.a.	T 24
W25	13 19	21 14	2 28	6 3	1 16	6 56	4 56	24 5	4 21	0 26	1 7	10 4	1 52	22 23	0 12	7 37	1 55	29 14	17 35	22 0	22 12	21 37			n.a.	W25
T 26	12 59	22 15	1 28	5 15	1 28	7 16	5 3	24 7	4 19	0 21	1 7	10 5	1 52	22 23	0 12	7 37	1 55	29 14	17 35	22 0	22 12	21 38			n.a.	T 26
F 27	12 39	22 15	0 24	4 28	1 40	7 35	5 10	24 9	4 17	0 15	1 6	10 7	1 52	22 23	0 12	7 38	1 55	29 15	17 35	22 0	22 13	21 39			n.a.	F 27
S 28	12s18	21s14	0s41	3s43	1n52	7n54	5n17	24n11	4n15	0s10	1s 6	10n 9	1s52	22n23	0n12	7n39	1s55	29n16	17n35	22n 0	22n13	21s40			n.a.	S 28

Julian Day Number = 1268909.5, Delta T = 08h19m04s
Ecliptic obliquity = 23°50'26, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'29, Lahiri = -21°03'28 Julian Calendar 1 Feb. 1239 BCE == Greg. Calendar 21 Jan. 1239 BCE

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ASTRODIENST EPHEMERIS for the year 1239 BCE
geocentric

MARCH 1239 BCE (-1238) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 48 36	29♒ 9'51	11♒54	17♓52	8♈ 2	1°R40	2♈18	0♉45	9♊ 6	23♈54	26°R31	22°R 3	20♋38	26♐30	n.a.	S 1
M 2	9 52 32	0♓ 8'36	24°21	19° 9	8°29	1♌24	2°31	0°50	9° 7	23°56	26♌29	21♋59	20°34	26°37	n.a.	M 2
T 3	9 56 29	1° 7'19	7♓ 3	20°21	8°54	1° 9	2°44	0°55	9° 7	23°57	26°28	21°54	20°31	26°43	n.a.	T 3
W 4	10 0 25	2° 6'00	20° 0	21°27	9°17	0°55	2°57	1° 1	9° 7	23°59	26°26	21°47	20°28	26°50	n.a.	W 4
T 5	10 4 22	3° 4'38	3♈12	22°28	9°39	0°42	3°10	1° 6	9° 7	24° 0	26°24	21°40	20°25	26°56	n.a.	T 5
F 6	10 8 18	4° 3'15	16°36	23°23	9°58	0°29	3°23	1°12	9° 8	24° 2	26°23	21°33	20°22	27° 3	n.a.	F 6
S 7	10 12 15	5° 1'49	0♉13	24°12	10°16	0°17	3°36	1°17	9° 8	24° 3	26°21	21°27	20°18	27°10	n.a.	S 7
S 8	10 16 11	6° 0'21	14° 0	24°54	10°31	0° 6	3°50	1°23	9° 9	24° 5	26°19	21°23	20°15	27°16	n.a.	S 8
M 9	10 20 8	6°58'50	27°56	25°31	10°45	29♋55	4° 3	1°28	9° 9	24° 7	26°18	21°21	20°12	27°23	n.a.	M 9
T 10	10 24 4	7°57'17	12♊ 0	26° 1	10°56	29°46	4°16	1°34	9°10	24° 8	26°16	21°D21	20° 9	27°30	n.a.	T 10
W11	10 28 1	8°55'42	26°11	26°26	11° 6	29°37	4°29	1°40	9°10	24°10	26°14	21°22	20° 6	27°36	n.a.	W11
T 12	10 31 58	9°54'05	10♋27	26°44	11°13	29°29	4°43	1°46	9°11	24°12	26°13	21°23	20° 3	27°43	n.a.	T 12
F 13	10 35 54	10°52'25	24°47	26°56	11°17	29°22	4°56	1°52	9°12	24°13	26°11	21°R23	19°59	27°50	n.a.	F 13
S 14	10 39 51	11°50'43	9♌ 7	27° 2	11°R20	29°15	5°10	1°58	9°13	24°15	26°10	21°22	19°56	27°56	n.a.	S 14
S 15	10 43 47	12°48'59	23°23	27°R 2	11°20	29°10	5°23	2° 4	9°14	24°17	26° 8	21°19	19°53	28° 3	n.a.	S 15
M16	10 47 44	13°47'13	7♍31	26°56	11°17	29° 5	5°37	2°10	9°14	24°19	26° 6	21°13	19°50	28°10	n.a.	M16
T 17	10 51 40	14°45'25	21°25	26°45	11°12	29° 1	5°50	2°16	9°15	24°20	26° 5	21° 5	19°47	28°16	n.a.	T 17
W18	10 55 37	15°43'35	5♎ 2	26°29	11° 5	28°58	6° 4	2°22	9°16	24°22	26° 3	20°56	19°44	28°23	n.a.	W18
T 19	10 59 33	16°41'43	18°19	26° 8	10°55	28°55	6°17	2°28	9°18	24°24	26° 2	20°47	19°40	28°30	n.a.	T 19
F 20	11 3 30	17°39'50	1♏15	25°43	10°43	28°54	6°31	2°35	9°19	24°26	26° 0	20°38	19°37	28°36	n.a.	F 20
S 21	11 7 27	18°37'55	13°51	25°15	10°28	28°53	6°45	2°41	9°20	24°28	25°59	20°31	19°34	28°43	n.a.	S 21
S 22	11 11 23	19°35'58	26° 8	24°42	10°11	28°D52	6°59	2°48	9°21	24°30	25°57	20°26	19°31	28°50	n.a.	S 22
M23	11 15 20	20°34'00	8♐11	24° 8	9°52	28°53	7°12	2°54	9°22	24°32	25°56	20°23	19°28	28°56	n.a.	M23
T 24	11 19 16	21°32'00	20° 5	23°31	9°30	28°54	7°26	3° 1	9°24	24°34	25°54	20°D22	19°24	29° 3	n.a.	T 24
W25	11 23 13	22°29'59	1♑54	22°53	9° 6	28°57	7°40	3° 7	9°25	24°36	25°53	20°22	19°21	29°10	n.a.	W25
T 26	11 27 9	23°27'56	13°44	22°15	8°40	28°59	7°54	3°14	9°26	24°37	25°51	20°23	19°18	29°16	n.a.	T 26
F 27	11 31 6	24°25'52	25°40	21°37	8°12	29° 3	8° 7	3°21	9°28	24°39	25°50	20°R23	19°15	29°23	n.a.	F 27
S 28	11 35 2	25°23'46	7♒46	20°59	7°42	29° 7	8°21	3°28	9°29	24°41	25°48	20°22	19°12	29°30	n.a.	S 28
S 29	11 38 59	26°21'39	20° 8	20°23	7°10	29°12	8°35	3°35	9°31	24°43	25°47	20°18	19° 9	29°36	n.a.	S 29
M30	11 42 55	27°19'30	2♓48	19°49	6°37	29°18	8°49	3°41	9°33	24°45	25°46	20°12	19° 5	29°43	n.a.	M30
T 31	11 46 52	28♓17'20	15♓47	19♓17	6♈ 3	29♋24	9♈ 3	3♉48	9♊34	24♈48	25♌44	20♋ 3	19♋ 2	29♐50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11s57	19s12	1s46	3s 0	2n 3	8n11	5n24	24n13	4n12	0s 5	1s 6	10n11	1s51	22n23	0n12	7n39	1s55	29n16	17n35	22n 0	22n14	21s41			n.a.
M 2	11 37	16 14	2 47	2 19	2 14	8 28	5 31	24 14	4 10	0n 1	1 6	10 13	1 51	22 23	0 12	7 40	1 55	29 17	17 35	22 1	22 14	21 42			n.a.
T 3	11 15	12 28	3 40	1 41	2 24	8 45	5 38	24 16	4 8	0 6	1 6	10 16	1 51	22 23	0 12	7 40	1 55	29 17	17 35	22 2	22 15	21 43			n.a.
W 4	10 54	8 3	4 23	1 6	2 33	9 0	5 45	24 17	4 6	0 11	1 6	10 18	1 51	22 23	0 12	7 41	1 55	29 18	17 35	22 3	22 15	21 44			n.a.
T 5	10 33	3 11	4 54	0 34	2 42	9 15	5 51	24 17	4 3	0 17	1 5	10 20	1 51	22 23	0 12	7 42	1 55	29 19	17 35	22 4	22 16	21 45			n.a.
F 6	10 11	1n54	5 8	0 4	2 50	9 28	5 58	24 18	4 1	0 22	1 5	10 22	1 50	22 23	0 12	7 42	1 55	29 19	17 35	22 5	22 16	21 46			n.a.
S 7	9 49	6 58	5 6	0n22	2 57	9 41	6 4	24 18	3 58	0 28	1 5	10 24	1 50	22 23	0 12	7 43	1 54	29 20	17 35	22 6	22 17	21 47			n.a.
S 8	9 28	11 46	4 46	0 45	3 4	9 53	6 10	24 18	3 56	0 33	1 5	10 26	1 50	22 23	0 12	7 43	1 54	29 20	17 35	22 6	22 17	21 48			n.a.
M 9	9 6	15 59	4 9	1 4	3 9	10 4	6 16	24 18	3 53	0 39	1 5	10 28	1 50	22 23	0 12	7 44	1 54	29 21	17 35	22 7	22 18	21 49			n.a.
T 10	8 44	19 22	3 17	1 20	3 13	10 13	6 21	24 18	3 51	0 44	1 5	10 31	1 49	22 23	0 12	7 45	1 54	29 21	17 35	22 7	22 18	21 50			n.a.
W11	8 21	21 35	2 12	1 33	3 16	10 22	6 27	24 17	3 48	0 50	1 5	10 33	1 49	22 23	0 12	7 45	1 54	29 22	17 35	22 7	22 18	21 51			n.a.
T 12	7 59	22 27	0 59	1 42	3 18	10 29	6 32	24 16	3 45	0 55	1 4	10 35	1 49	22 24	0 12	7 46	1 54	29 22	17 34	22 7	22 19	21 52			n.a.
F 13	7 37	21 50	0n18	1 47	3 19	10 36	6 36	24 15	3 43	1 1	1 4	10 37	1 49	22 24	0 12	7 47	1 54	29 23	17 34	22 6	22 19	21 53			n.a.
S 14	7 14	19 47	1 34	1 49	3 18	10 41	6 41	24 14	3 40	1 6	1 4	10 40	1 49	22 24	0 12	7 48	1 54	29 23	17 34	22 7	22 20	21 54			n.a.
S 15	6 51	16 31	2 44	1 47	3 16	10 44	6 45	24 12	3 37	1 12	1 4	10 42	1 48	22 24	0 12	7 48	1 54	29 24	17 34	22 7	22 20	21 55			n.a.
M16	6 29	12 19	3 42	1 42	3 12	10 47	6 49	24 11	3 35	1 17	1 4	10 44	1 48	22 24	0 12	7 49	1 54	29 24	17 34	22 8	22 21	21 55			n.a.
T 17	6 6	7 31	4 26	1 33	3 7	10 48	6 52	24 9	3 32	1 23	1 4	10 47	1 48	22 24	0 12	7 50	1 54	29 25	17 34	22 9	22 21	21 56			n.a.
W18	5 43	2 27	4 54	1 21	3 1	10 47	6 55	24 7	3 29	1 29	1 4	10 49	1 48	22 24	0 12	7 50	1 54	29 25	17 34	22 11	22 22	21 57			n.a.
T 19	5 20	2s36	5 5	1 5	2 54	10 45	6 57	24 5	3 27	1 34	1 4	10 51	1 48	22 25	0 12	7 51	1 54	29 25	17 33	22 12	22 22	21 58			n.a.
F 20	4 57	7 25	5 1	0 47	2 45	10 42	6 59	24 3	3 24	1 40	1 3	10 54	1 47	22 25	0 12	7 52	1 54	29 26	17 33	22 14	22 23	21 59			n.a.
S 21	4 34	11 48	4 41	0 26	2 34	10 37	7 0	24 0	3 21	1 45	1 3	10 56	1 47	22 25	0 12	7 53	1 54	29 26	17 33	22 15	22 23	22 0			n.a.
S 22	4 11	15 35	4 9	0 3	2 23	10 31	7 1	23 58	3 18	1 51	1 3	10 58	1 47	22 25	0 12	7 53	1 54	29 27	17 33	22 15	22 24	22 1			n.a.
M23	3 48	18 39	3 26	0s23	2 10	10 23	7 1	23 55	3 16	1 57	1 3	11 1	1 47	22 25	0 12	7 54	1 54	29 27	17 33	22 16	22 24	22 2			n.a.
T 24	3 25	20 53	2 35	0 50	1 57	10 14	7 0	23 52	3 13	2 2	1 3	11 3	1 47	22 26	0 12	7 55	1 54	29 27	17 32	22 16	22 25	22 3			n.a.
W25	3 1	22 12	1 37	1 19	1 42	10 3	6 58	23 49	3 10	2 8	1 3	11 6	1 46	22 26	0 12	7 56	1 54	29 28	17 32	22 16	22 25	22 3			n.a.
T 26	2 38	22 32	0 36	1 48	1 27	9 51	6 56	23 46	3 8	2 13	1 3	11 8	1 46	22 26	0 12	7 56	1 54	29 28	17 32	22 16	22 26	22 4			n.a.
F 27	2 15	21 50	0s28	2 18	1 11	9 37	6 54	23 42	3 5	2 19	1 3	11 11	1 46	22 26	0 12	7 57	1 54	29 28	17 32	22 16	22 26	22 5			n.a.
S 28	1 52	20 6	1 31	2 48	0 54	9 22	6 50	23 39	3 2	2 25	1 3	11 13	1 46	22 26	0 12	7 58	1 54	29 28	17 31	22 16	22 26	22 6			n.a.
S 29	1 28	17 24	2 32	3 18	0 38	9 5	6 46	23 35	3 0	2 30	1 2	11 16	1 46	22 27	0 12	7 59	1 53	29 29	17 31	22 17	22 27	22 7			n.a.
M30	1 5	13 50	3 26	3 47	0 21	8 47	6 41	23 31	2 57	2 36	1 2	11 18	1 45	22 27	0 12	7 59	1 53	29 29	17 31	22 18	22 27	22 8			n.a.
T 31	0s42	9s32	4s10	4s15	0n 4	8n28	6n35	23n27	2n54	2n42	1s 2	11n21	1s45	22n27	0n12	8n 0	1s53	29n29	17n31	22n19	22n28	22s 9			n.a.

Julian Day Number = 1268937.5, Delta T = 08h19m02s
Ecliptic obliquity = 23°50'27, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'25, Lahiri = -21°03'25 Julian Calendar 1 March 1239 BCE == Greg. Calendar 18 Feb. 1239 BCE

The year -1238 astronomical counting style corresponds to year 1239 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1239 BCE
geocentric

APRIL 1239 BCE (-1238) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 50 49	29♓15'08	29♓ 5	18°R48	5°R27	29♋31	9♈17	3♉55	9♊36	24♈50	25°R43	19°R53	18♋59	29♐56	n.a.	W 1
T 2	11 54 45	0♈12'55	12♈41	18♓23	4♈50	29°39	9°31	4° 2	9°38	24°52	25♎42	19♋41	18°56	0♑ 3	n.a.	T 2
F 3	11 58 42	1°10'40	26°31	18° 2	4°13	29°47	9°45	4° 9	9°39	24°54	25°40	19°30	18°53	0° 9	n.a.	F 3
S 4	12 2 38	2° 8'23	10♉32	17°44	3°36	29°56	9°59	4°17	9°41	24°56	25°39	19°21	18°49	0°16	n.a.	S 4
S 5	12 6 35	3° 6'05	24°39	17°31	2°58	0♎ 6	10°13	4°24	9°43	24°58	25°38	19°14	18°46	0°23	n.a.	S 5
M 6	12 10 31	4° 3'45	8♊50	17°23	2°20	0°16	10°27	4°31	9°45	25° 0	25°37	19° 9	18°43	0°29	n.a.	M 6
T 7	12 14 28	5° 1'23	23° 0	17°D19	1°42	0°27	10°41	4°38	9°47	25° 2	25°35	19° 7	18°40	0°36	n.a.	T 7
W 8	12 18 24	5°59'00	7♋ 8	17°19	1° 5	0°39	10°55	4°45	9°49	25° 4	25°34	19°D 7	18°37	0°43	n.a.	W 8
T 9	12 22 21	6°56'35	21°13	17°24	0°28	0°51	11° 9	4°53	9°51	25° 6	25°33	19°R 7	18°34	0°49	n.a.	T 9
F 10	12 26 18	7°54'08	5♎15	17°34	29♓53	1° 3	11°23	5° 0	9°53	25° 9	25°32	19° 6	18°30	0°56	n.a.	F 10
S 11	12 30 14	8°51'40	19°12	17°48	29°18	1°17	11°37	5° 7	9°55	25°11	25°31	19° 4	18°27	1° 3	n.a.	S 11
S 12	12 34 11	9°49'10	3♍ 3	18° 6	28°45	1°30	11°51	5°15	9°58	25°13	25°30	18°58	18°24	1° 9	n.a.	S 12
M13	12 38 7	10°46'38	16°45	18°29	28°14	1°45	12° 5	5°22	10° 0	25°15	25°29	18°50	18°21	1°16	n.a.	M13
T 14	12 42 4	11°44'05	0♏17	18°57	27°44	2° 0	12°19	5°30	10° 2	25°17	25°28	18°40	18°18	1°23	n.a.	T 14
W15	12 46 0	12°41'31	13°34	19°28	27°16	2°15	12°33	5°37	10° 5	25°19	25°27	18°28	18°15	1°29	n.a.	W15
T 16	12 49 57	13°38'55	26°37	20° 3	26°51	2°31	12°47	5°45	10° 7	25°22	25°26	18°15	18°11	1°36	n.a.	T 16
F 17	12 53 53	14°36'19	9♏22	20°43	26°27	2°47	13° 1	5°52	10° 9	25°24	25°25	18° 3	18° 8	1°43	n.a.	F 17
S 18	12 57 50	15°33'41	21°51	21°26	26° 6	3° 4	13°15	6° 0	10°12	25°26	25°24	17°53	18° 5	1°49	n.a.	S 18
S 19	13 1 47	16°31'03	4♐ 5	22°13	25°47	3°21	13°29	6° 7	10°14	25°28	25°23	17°45	18° 2	1°56	n.a.	S 19
M20	13 5 43	17°28'23	16° 6	23° 4	25°30	3°39	13°43	6°15	10°17	25°31	25°22	17°40	17°59	2° 3	n.a.	M20
T 21	13 9 40	18°25'43	27°59	23°58	25°15	3°57	13°57	6°23	10°19	25°33	25°21	17°38	17°55	2° 9	n.a.	T 21
W22	13 13 36	19°23'03	9♑47	24°55	25° 4	4°16	14°11	6°30	10°22	25°35	25°20	17°37	17°52	2°16	n.a.	W22
T 23	13 17 33	20°20'21	21°37	25°56	24°54	4°35	14°25	6°38	10°24	25°37	25°20	17°37	17°49	2°23	n.a.	T 23
F 24	13 21 29	21°17'39	3♒34	27° 0	24°47	4°55	14°38	6°46	10°27	25°39	25°19	17°36	17°46	2°29	n.a.	F 24
S 25	13 25 26	22°14'56	15°42	28° 7	24°42	5°15	14°52	6°54	10°30	25°42	25°18	17°35	17°43	2°36	n.a.	S 25
S 26	13 29 22	23°12'12	28° 8	29°18	24°D40	5°35	15° 6	7° 1	10°33	25°44	25°17	17°31	17°40	2°42	n.a.	S 26
M27	13 33 19	24° 9'28	10♓55	0♈31	24°40	5°56	15°20	7° 9	10°35	25°46	25°17	17°25	17°36	2°49	n.a.	M27
T 28	13 37 16	25° 6'43	24° 5	1°48	24°43	6°18	15°34	7°17	10°38	25°48	25°16	17°16	17°33	2°56	n.a.	T 28
W29	13 41 12	26° 3'57	7♈38	3° 7	24°47	6°39	15°48	7°25	10°41	25°51	25°15	17° 6	17°30	3° 2	n.a.	W29
T 30	13 45 9	27♈ 1'11	21♈34	4♈29	24♓54	7♎ 1	16♈ 2	7♉33	10♊44	25♈53	25♎15	16♋54	17♋27	3♑ 9	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s18	4s41	4s43	4s41	0s12	8n 7	6n28	23n23	2n52	2n47	1s 2	11n23	1s45	22n27	0n12	8n 1	1s53	29n29	17n30	22n20	22n28	22s 9		n.a.
T 2	0n 5	0n30	5 0	5 6	0 29	7 46	6 21	23 19	2 49	2 53	1 2	11 26	1 45	22 28	0 12	8 2	1 53	29 30	17 30	22 22	22 29	22 10		n.a.
F 3	0 29	5 45	5 0	5 29	0 44	7 23	6 13	23 15	2 47	2 59	1 2	11 29	1 45	22 28	0 12	8 3	1 53	29 30	17 30	22 24	22 29	22 11		n.a.
S 4	0 52	10 46	4 42	5 50	1 0	7 0	6 4	23 10	2 44	3 4	1 2	11 31	1 45	22 28	0 12	8 3	1 53	29 30	17 29	22 25	22 30	22 12		n.a.
S 5	1 15	15 16	4 7	6 9	1 14	6 36	5 54	23 6	2 42	3 10	1 2	11 34	1 44	22 29	0 12	8 4	1 53	29 30	17 29	22 26	22 30	22 13		n.a.
M 6	1 38	18 55	3 16	6 25	1 28	6 11	5 44	23 1	2 39	3 16	1 2	11 36	1 44	22 29	0 12	8 5	1 53	29 30	17 29	22 27	22 31	22 14		n.a.
T 7	2 2	21 25	2 14	6 38	1 41	5 46	5 34	22 56	2 37	3 21	1 2	11 39	1 44	22 29	0 12	8 6	1 53	29 30	17 28	22 27	22 31	22 14		n.a.
W 8	2 25	22 36	1 3	6 49	1 53	5 21	5 22	22 51	2 34	3 27	1 2	11 42	1 44	22 29	0 12	8 7	1 53	29 31	17 28	22 27	22 31	22 15		n.a.
T 9	2 48	22 19	0n11	6 58	2 5	4 55	5 10	22 46	2 32	3 32	1 1	11 44	1 44	22 30	0 12	8 7	1 53	29 31	17 28	22 27	22 32	22 16		n.a.
F 10	3 11	20 38	1 24	7 4	2 15	4 30	4 58	22 41	2 29	3 38	1 1	11 47	1 44	22 30	0 12	8 8	1 53	29 31	17 27	22 27	22 32	22 17		n.a.
S 11	3 34	17 43	2 32	7 7	2 25	4 4	4 45	22 36	2 27	3 44	1 1	11 49	1 44	22 30	0 12	8 9	1 53	29 31	17 27	22 28	22 33	22 18		n.a.
S 12	3 57	13 49	3 30	7 7	2 33	3 39	4 32	22 30	2 25	3 49	1 1	11 52	1 43	22 31	0 12	8 10	1 53	29 31	17 27	22 28	22 33	22 18		n.a.
M13	4 20	9 13	4 15	7 5	2 41	3 14	4 19	22 25	2 22	3 55	1 1	11 55	1 43	22 31	0 12	8 11	1 53	29 31	17 26	22 29	22 34	22 19		n.a.
T 14	4 43	4 14	4 45	7 1	2 48	2 49	4 5	22 19	2 20	4 1	1 1	11 57	1 43	22 31	0 12	8 12	1 53	29 31	17 26	22 31	22 34	22 20		n.a.
W15	5 6	0s51	4 59	6 54	2 54	2 26	3 51	22 13	2 18	4 6	1 1	12 0	1 43	22 32	0 12	8 12	1 53	29 31	17 25	22 33	22 34	22 21		n.a.
T 16	5 28	5 49	4 57	6 44	2 59	2 3	3 38	22 7	2 15	4 12	1 1	12 3	1 43	22 32	0 12	8 13	1 53	29 31	17 25	22 34	22 35	22 22		n.a.
F 17	5 51	10 26	4 40	6 32	3 3	1 40	3 24	22 1	2 13	4 17	1 1	12 5	1 43	22 32	0 12	8 14	1 53	29 31	17 25	22 36	22 35	22 22		n.a.
S 18	6 14	14 31	4 10	6 18	3 6	1 19	3 10	21 55	2 11	4 23	1 1	12 8	1 43	22 33	0 12	8 15	1 53	29 31	17 24	22 37	22 36	22 23		n.a.
S 19	6 36	17 54	3 29	6 1	3 9	0 58	2 56	21 49	2 8	4 28	1 1	12 11	1 43	22 33	0 12	8 16	1 53	29 31	17 24	22 38	22 36	22 24		n.a.
M20	6 58	20 28	2 39	5 42	3 11	0 39	2 42	21 42	2 6	4 34	1 1	12 13	1 42	22 34	0 12	8 17	1 53	29 31	17 23	22 39	22 37	22 25		n.a.
T 21	7 20	22 7	1 42	5 21	3 12	0 21	2 28	21 36	2 4	4 40	1 1	12 16	1 42	22 34	0 12	8 17	1 53	29 31	17 23	22 39	22 37	22 25		n.a.
W22	7 43	22 47	0 41	4 58	3 12	0 3	2 15	21 29	2 2	4 45	1 1	12 19	1 42	22 34	0 12	8 18	1 53	29 30	17 23	22 40	22 37	22 26		n.a.
T 23	8 5	22 25	0s21	4 33	3 11	0s13	2 1	21 22	2 0	4 51	1 1	12 21	1 42	22 35	0 12	8 19	1 53	29 30	17 22	22 40	22 38	22 27		n.a.
F 24	8 26	21 2	1 24	4 6	3 10	0 28	1 48	21 15	1 58	4 56	1 1	12 24	1 42	22 35	0 12	8 20	1 53	29 30	17 22	22 40	22 38	22 27		n.a.
S 25	8 48	18 40	2 23	3 37	3 8	0 41	1 35	21 8	1 55	5 2	1 0	12 27	1 42	22 35	0 12	8 21	1 53	29 30	17 21	22 40	22 39	22 28		n.a.
S 26	9 10	15 24	3 17	3 6	3 5	0 54	1 22	21 1	1 53	5 7	1 0	12 29	1 42	22 36	0 12	8 22	1 53	29 30	17 21	22 40	22 39	22 29		n.a.
M27	9 31	11 20	4 3	2 33	3 1	1 5	1 10	20 54	1 51	5 13	1 0	12 32	1 42	22 36	0 12	8 22	1 53	29 30	17 20	22 41	22 40	22 30		n.a.
T 28	9 53	6 37	4 37	1 58	2 57	1 15	0 58	20 46	1 49	5 18	1 0	12 35	1 42	22 37	0 12	8 23	1 53	29 29	17 20	22 42	22 40	22 30		n.a.
W29	10 14	1 27	4 57	1 22	2 52	1 24	0 46	20 39	1 47	5 24	1 0	12 37	1 41	22 37	0 12	8 24	1 53	29 29	17 19	22 44	22 40	22 31		n.a.
T 30	10n35	3n55	5s 0	0s44	2s47	1s32	0n35	20n31	1n45	5n29	1s 0	12n40	1s41	22n38	0n12	8n25	1s53	29n29	17n19	22n45	22n41	22s32		n.a.

Julian Day Number = 1268968.5, Delta T = 08h19m00s
Ecliptic obliquity = 23°50'28, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'21, Lahiri = -21°03'20 Julian Calendar 1 Apr. 1239 BCE == Greg. Calendar 21 March 1239 BCE

The year -1238 astronomical counting style corresponds to year 1239 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1239 BCE
geocentric

MAY 1239 BCE (-1238) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 49 5	27♈58'23	5♉48	5♈54	25♓ 3	7♌24	16♈16	7♉40	10♊47	25♈55	25°R14	16°R43	17♋24	3♎16	n.a.	F 1
S 2	13 53 2	28°55'36	20°15	7°22	25°14	7°47	16°30	7°48	10°50	25°57	25♌14	16♋33	17°21	3°22	n.a.	S 2
S 3	13 56 58	29°52'47	4♊47	8°53	25°27	8°10	16°43	7°56	10°53	26° 0	25°13	16°26	17°17	3°29	n.a.	S 3
M 4	14 0 55	0♉49'58	19°18	10°27	25°43	8°33	16°57	8° 4	10°56	26° 2	25°13	16°21	17°14	3°36	n.a.	M 4
T 5	14 4 51	1°47'08	3♋44	12° 3	26° 0	8°57	17°11	8°12	10°59	26° 4	25°12	16°19	17°11	3°42	n.a.	T 5
W 6	14 8 48	2°44'17	18° 1	13°42	26°19	9°22	17°25	8°20	11° 2	26° 6	25°12	16°D18	17° 8	3°49	n.a.	W 6
T 7	14 12 45	3°41'26	2♌ 8	15°24	26°39	9°46	17°38	8°28	11° 5	26° 9	25°12	16°R19	17° 5	3°56	n.a.	T 7
F 8	14 16 41	4°38'33	16° 2	17° 9	27° 2	10°11	17°52	8°36	11° 8	26°11	25°11	16°18	17° 1	4° 2	n.a.	F 8
S 9	14 20 38	5°35'40	29°46	18°56	27°26	10°36	18° 6	8°43	11°11	26°13	25°11	16°16	16°58	4° 9	n.a.	S 9
S 10	14 24 34	6°32'45	13♍17	20°46	27°52	11° 2	18°19	8°51	11°14	26°15	25°11	16°12	16°55	4°16	n.a.	S 10
M11	14 28 31	7°29'51	26°37	22°38	28°19	11°28	18°33	8°59	11°17	26°17	25°11	16° 4	16°52	4°22	n.a.	M11
T 12	14 32 27	8°26'55	9♎46	24°33	28°48	11°54	18°46	9° 7	11°20	26°20	25°10	15°55	16°49	4°29	n.a.	T 12
W13	14 36 24	9°23'59	22°42	26°31	29°18	12°21	19° 0	9°15	11°24	26°22	25°10	15°44	16°46	4°36	n.a.	W13
T 14	14 40 20	10°21'03	5♏25	28°30	29°50	12°47	19°13	9°23	11°27	26°24	25°10	15°33	16°42	4°42	n.a.	T 14
F 15	14 44 17	11°18'07	17°55	0♉32	0♈23	13°15	19°27	9°31	11°30	26°26	25°10	15°22	16°39	4°49	n.a.	F 15
S 16	14 48 14	12°15'10	0♐13	2°35	0°57	13°42	19°40	9°39	11°34	26°28	25°10	15°13	16°36	4°55	n.a.	S 16
S 17	14 52 10	13°12'13	12°19	4°41	1°33	14°10	19°54	9°47	11°37	26°31	25°10	15° 6	16°33	5° 2	n.a.	S 17
M18	14 56 7	14° 9'16	24°15	6°48	2°10	14°37	20° 7	9°55	11°40	26°33	25°D10	15° 2	16°30	5° 9	n.a.	M18
T 19	15 0 3	15° 6'20	6♑ 5	8°56	2°48	15° 6	20°20	10° 3	11°44	26°35	25°10	15° 0	16°26	5°15	n.a.	T 19
W20	15 4 0	16° 3'23	17°53	11° 5	3°27	15°34	20°34	10°10	11°47	26°37	25°10	14°D59	16°23	5°22	n.a.	W20
T 21	15 7 56	17° 0'27	29°42	13°15	4° 7	16° 3	20°47	10°18	11°50	26°39	25°10	15° 0	16°20	5°29	n.a.	T 21
F 22	15 11 53	17°57'31	11♒38	15°25	4°48	16°32	21° 0	10°26	11°54	26°41	25°10	15° 1	16°17	5°35	n.a.	F 22
S 23	15 15 50	18°54'35	23°46	17°36	5°31	17° 1	21°13	10°34	11°57	26°43	25°10	15°R 1	16°14	5°42	n.a.	S 23
S 24	15 19 46	19°51'39	6♓12	19°46	6°14	17°31	21°26	10°42	12° 1	26°46	25°11	14°59	16°11	5°49	n.a.	S 24
M25	15 23 43	20°48'44	18°59	21°56	6°58	18° 0	21°39	10°50	12° 4	26°48	25°11	14°56	16° 7	5°55	n.a.	M25
T 26	15 27 39	21°45'49	2♈12	24° 5	7°43	18°30	21°52	10°58	12° 8	26°50	25°11	14°51	16° 4	6° 2	n.a.	T 26
W27	15 31 36	22°42'54	15°52	26°14	8°29	19° 1	22° 5	11° 5	12°11	26°52	25°11	14°44	16° 1	6° 9	n.a.	W27
T 28	15 35 32	23°40'00	29°58	28°22	9°16	19°31	22°18	11°13	12°15	26°54	25°12	14°36	15°58	6°15	n.a.	T 28
F 29	15 39 29	24°37'06	14♉26	0♊28	10° 3	20° 2	22°31	11°21	12°18	26°56	25°12	14°28	15°55	6°22	n.a.	F 29
S 30	15 43 25	25°34'12	29°11	2°33	10°51	20°33	22°44	11°29	12°22	26°58	25°12	14°21	15°52	6°29	n.a.	S 30
S 31	15 47 22	26♉31'19	14♊ 5	4♊37	11♈40	21♌ 4	22♈56	11♉37	12♊25	27♈ 0	25♌13	14♋16	15♋48	6♎35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n56	9n12	4s45	0s 4	2s41	1s38	0n23	20n24	1n43	5n34	1s 0	12n43	1s41	22n38	0n12	8n26	1s53	29n29	17n18	22n47	22n41	22s32		n.a.
S 2	11 16	14 4	4 11	0n37	2 34	1 44	0 13	20 16	1 41	5 40	1 0	12 45	1 41	22 38	0 12	8 26	1 53	29 29	17 18	22 48	22 42	22 33		n.a.
S 3	11 37	18 9	3 21	1 20	2 27	1 48	0 2	20 8	1 39	5 45	1 0	12 48	1 41	22 39	0 12	8 27	1 53	29 28	17 17	22 49	22 42	22 34		n.a.
M 4	11 57	21 7	2 18	2 4	2 20	1 51	0s 8	19 59	1 37	5 51	1 0	12 50	1 41	22 39	0 12	8 28	1 53	29 28	17 17	22 49	22 43	22 35		n.a.
T 5	12 18	22 41	1 6	2 50	2 11	1 54	0 18	19 51	1 35	5 56	1 0	12 53	1 41	22 40	0 12	8 29	1 53	29 28	17 16	22 50	22 43	22 35		n.a.
W 6	12 38	22 45	0n 9	3 37	2 3	1 55	0 28	19 43	1 34	6 1	1 0	12 56	1 41	22 40	0 12	8 30	1 53	29 27	17 16	22 50	22 43	22 36		n.a.
T 7	12 57	21 22	1 23	4 25	1 54	1 55	0 37	19 34	1 32	6 7	1 0	12 58	1 41	22 41	0 12	8 31	1 53	29 27	17 15	22 50	22 44	22 37		n.a.
F 8	13 17	18 41	2 31	5 15	1 44	1 54	0 46	19 26	1 30	6 12	1 0	13 1	1 41	22 41	0 12	8 31	1 53	29 27	17 15	22 50	22 44	22 37		n.a.
S 9	13 36	15 0	3 29	6 5	1 34	1 52	0 54	19 17	1 28	6 17	1 0	13 4	1 41	22 41	0 12	8 32	1 53	29 26	17 14	22 50	22 45	22 38		n.a.
S 10	13 56	10 35	4 15	6 57	1 24	1 49	1 2	19 8	1 26	6 23	1 0	13 6	1 40	22 42	0 12	8 33	1 53	29 26	17 14	22 50	22 45	22 38		n.a.
M11	14 15	5 43	4 46	7 49	1 14	1 45	1 10	18 59	1 24	6 28	1 0	13 9	1 40	22 42	0 12	8 34	1 53	29 25	17 13	22 51	22 45	22 39		n.a.
T 12	14 33	0 40	5 1	8 42	1 3	1 40	1 18	18 50	1 23	6 33	1 0	13 12	1 40	22 43	0 12	8 35	1 53	29 25	17 13	22 52	22 46	22 40		n.a.
W13	14 52	4s20	5 1	9 35	0 52	1 35	1 25	18 40	1 21	6 38	1 0	13 14	1 40	22 43	0 12	8 35	1 53	29 25	17 12	22 54	22 46	22 40		n.a.
T 14	15 10	9 4	4 45	10 29	0 41	1 29	1 32	18 31	1 19	6 44	1 0	13 17	1 40	22 44	0 12	8 36	1 53	29 24	17 12	22 55	22 47	22 41		n.a.
F 15	15 28	13 22	4 16	11 23	0 30	1 21	1 39	18 21	1 17	6 49	1 0	13 19	1 40	22 44	0 12	8 37	1 53	29 24	17 11	22 56	22 47	22 42		n.a.
S 16	15 46	17 2	3 35	12 17	0 19	1 13	1 45	18 12	1 16	6 54	1 0	13 22	1 40	22 45	0 12	8 38	1 53	29 23	17 11	22 57	22 47	22 42		n.a.
S 17	16 4	19 55	2 45	13 10	0 8	1 5	1 52	18 2	1 14	6 59	1 0	13 25	1 40	22 45	0 12	8 39	1 53	29 23	17 10	22 58	22 48	22 43		n.a.
M18	16 21	21 54	1 49	14 4	0n 3	0 55	1 57	17 52	1 12	7 4	1 0	13 27	1 40	22 46	0 12	8 39	1 53	29 22	17 10	22 59	22 48	22 43		n.a.
T 19	16 38	22 54	0 48	14 56	0 14	0 45	2 3	17 42	1 10	7 9	1 0	13 30	1 40	22 46	0 12	8 40	1 53	29 22	17 9	22 59	22 49	22 44		n.a.
W20	16 55	22 53	0s16	15 47	0 24	0 34	2 8	17 32	1 9	7 14	1 0	13 32	1 40	22 46	0 12	8 41	1 53	29 21	17 9	22 59	22 49	22 45		n.a.
T 21	17 12	21 50	1 18	16 37	0 34	0 22	2 13	17 22	1 7	7 19	1 0	13 35	1 40	22 47	0 12	8 42	1 53	29 21	17 8	22 59	22 49	22 45		n.a.
F 22	17 28	19 47	2 18	17 26	0 44	0 10	2 18	17 11	1 6	7 24	1 0	13 37	1 40	22 47	0 12	8 42	1 53	29 20	17 8	22 59	22 50	22 46		n.a.
S 23	17 44	16 51	3 13	18 13	0 53	0n 3	2 23	17 1	1 4	7 29	1 0	13 40	1 40	22 48	0 12	8 43	1 53	29 20	17 7	22 59	22 50	22 46		n.a.
S 24	18 0	13 5	4 0	18 58	1 2	0 16	2 27	16 50	1 2	7 34	1 0	13 42	1 40	22 48	0 12	8 44	1 53	29 19	17 6	22 59	22 51	22 47		n.a.
M25	18 15	8 39	4 36	19 41	1 10	0 30	2 31	16 39	1 1	7 39	1 0	13 45	1 40	22 49	0 12	8 45	1 53	29 19	17 6	22 59	22 51	22 48		n.a.
T 26	18 31	3 41	5 0	20 22	1 18	0 45	2 35	16 28	0 59	7 44	1 0	13 47	1 40	22 49	0 12	8 45	1 53	29 18	17 5	23 0	22 51	22 48		n.a.
W27	18 46	1n38	5 7	21 0	1 24	1 0	2 39	16 17	0 58	7 49	1 0	13 50	1 40	22 50	0 12	8 46	1 53	29 17	17 5	23 1	22 52	22 49		n.a.
T 28	19 0	7 2	4 56	21 36	1 31	1 15	2 42	16 6	0 56	7 54	1 0	13 52	1 40	22 50	0 12	8 47	1 53	29 17	17 4	23 2	22 52	22 49		n.a.
F 29	19 14	12 12	4 27	22 9	1 36	1 31	2 45	15 55	0 54	7 59	1 0	13 55	1 40	22 51	0 12	8 48	1 53	29 16	17 4	23 2	22 52	22 50		n.a.
S 30	19 28	16 45	3 39	22 40	1 41	1 48	2 48	15 43	0 53	8 4	1 0	13 57	1 40	22 51	0 12	8 48	1 53	29 15	17 3	23 3	22 53	22 50		n.a.
S 31	19n42	20n18	2s35	23n 8	1n45	2n 4	2s51	15n32	0n51	8n 8	1s 0	14n 0	1s39	22n52	0n12	8n49	1s53	29n15	17n 3	23n 4	22n53	22s51		n.a.

Julian Day Number = 1268998.5, Delta T = 08h18m59s
Ecliptic obliquity = 23°50'28, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'17, Lahiri = -21°03'16 Julian Calendar 1 May 1239 BCE == Greg. Calendar 20 Apr. 1239 BCE

The year -1238 astronomical counting style corresponds to year 1239 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1239 BCE
geocentric

JUNE 1239 BCE (-1238) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 51 19	27♉28'26	28♊59	6♊39	12♈30	21♌35	23♈ 9	11♉44	12♊29	27♈ 2	25♌13	14°R13	15♋45	6♏42	n.a.	M 1
T 2	15 55 15	28°25'33	13♋46	8°39	13°20	22° 7	23°22	11°52	12°33	27° 4	25°14	14°D13	15°42	6°48	n.a.	T 2
W 3	15 59 12	29°22'41	28°19	10°37	14°11	22°39	23°34	12° 0	12°36	27° 6	25°14	14♋13	15°39	6°55	n.a.	W 3
T 4	16 3 8	0♊19'48	12♌36	12°34	15° 3	23°11	23°47	12° 7	12°40	27° 8	25°15	14°14	15°36	7° 2	n.a.	T 4
F 5	16 7 5	1°16'56	26°35	14°29	15°55	23°43	23°59	12°15	12°43	27°10	25°16	14°R15	15°32	7° 8	n.a.	F 5
S 6	16 11 1	2°14'03	10♍15	16°23	16°48	24°15	24°12	12°23	12°47	27°12	25°16	14°15	15°29	7°15	n.a.	S 6
S 7	16 14 58	3°11'11	23°37	18°14	17°41	24°48	24°24	12°30	12°51	27°14	25°17	14°13	15°26	7°22	n.a.	S 7
M 8	16 18 55	4° 8'20	6♎43	20° 4	18°35	25°21	24°36	12°38	12°54	27°15	25°17	14°10	15°23	7°28	n.a.	M 8
T 9	16 22 51	5° 5'28	19°34	21°51	19°29	25°54	24°48	12°45	12°58	27°17	25°18	14° 4	15°20	7°35	n.a.	T 9
W10	16 26 48	6° 2'37	2♏11	23°37	20°24	26°27	25° 0	12°53	13° 2	27°19	25°19	13°58	15°17	7°42	n.a.	W10
T 11	16 30 44	6°59'47	14°37	25°21	21°20	27° 0	25°12	13° 0	13° 5	27°21	25°20	13°52	15°13	7°48	n.a.	T 11
F 12	16 34 41	7°56'57	26°52	27° 4	22°16	27°34	25°24	13° 8	13° 9	27°23	25°21	13°46	15°10	7°55	n.a.	F 12
S 13	16 38 37	8°54'07	8♐57	28°44	23°12	28° 8	25°36	13°15	13°13	27°25	25°21	13°41	15° 7	8° 2	n.a.	S 13
S 14	16 42 34	9°51'19	20°54	0♋23	24° 9	28°42	25°48	13°23	13°16	27°26	25°22	13°37	15° 4	8° 8	n.a.	S 14
M15	16 46 30	10°48'32	2♑46	1°59	25° 6	29°16	26° 0	13°30	13°20	27°28	25°23	13°35	15° 1	8°15	n.a.	M15
T 16	16 50 27	11°45'45	14°33	3°34	26° 4	29°50	26°12	13°37	13°24	27°30	25°24	13°D34	14°58	8°22	n.a.	T 16
W17	16 54 24	12°42'59	26°20	5° 7	27° 2	0♍25	26°23	13°45	13°27	27°32	25°25	13°35	14°54	8°28	n.a.	W17
T 18	16 58 20	13°40'15	8♒10	6°39	28° 1	0°59	26°35	13°52	13°31	27°33	25°26	13°36	14°51	8°35	n.a.	T 18
F 19	17 2 17	14°37'31	20° 7	8° 8	29° 0	1°34	26°46	13°59	13°35	27°35	25°27	13°38	14°48	8°41	n.a.	F 19
S 20	17 6 13	15°34'49	2♓15	9°35	29°59	2° 9	26°58	14° 6	13°38	27°37	25°28	13°40	14°45	8°48	n.a.	S 20
S 21	17 10 10	16°32'08	14°40	11° 1	0♉59	2°44	27° 9	14°13	13°42	27°38	25°29	13°R40	14°42	8°55	n.a.	S 21
M22	17 14 6	17°29'28	27°25	12°25	1°59	3°20	27°20	14°21	13°46	27°40	25°31	13°40	14°38	9° 1	n.a.	M22
T 23	17 18 3	18°26'49	10♈34	13°46	2°59	3°55	27°31	14°28	13°49	27°41	25°32	13°38	14°35	9° 8	n.a.	T 23
W24	17 21 59	19°24'12	24°10	15° 6	4° 0	4°31	27°42	14°35	13°53	27°43	25°33	13°36	14°32	9°15	n.a.	W24
T 25	17 25 56	20°21'36	8♉14	16°24	5° 1	5° 7	27°53	14°42	13°57	27°44	25°34	13°33	14°29	9°21	n.a.	T 25
F 26	17 29 53	21°19'01	22°44	17°40	6° 2	5°43	28° 4	14°48	14° 0	27°46	25°35	13°30	14°26	9°28	n.a.	F 26
S 27	17 33 49	22°16'28	7♊35	18°53	7° 4	6°19	28°15	14°55	14° 4	27°47	25°37	13°27	14°23	9°35	n.a.	S 27
S 28	17 37 46	23°13'57	22°39	20° 4	8° 6	6°55	28°25	15° 2	14° 8	27°49	25°38	13°25	14°19	9°41	n.a.	S 28
M29	17 41 42	24°11'26	7♋48	21°13	9° 8	7°31	28°36	15° 9	14°11	27°50	25°39	13°D25	14°16	9°48	n.a.	M29
T 30	17 45 39	25♊ 8'57	22♋52	22♋20	10♉11	8♍ 8	28♈46	15♉16	14♊15	27♈52	25♌41	13♋25	14♋13	9♏55	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	19n56	22n29	1s21	23n34	1n49	2n22	2s53	15n20	0n50	8n13	1s 0	14n 2	1s39	22n52	0n12	8n50	1s53	29n14	17n 2	23n 4	22n54	22s51		n.a.	M 1
T 2	20 9	23 5	0 2	23 57	1 52	2 39	2 56	15 8	0 48	8 18	1 0	14 5	1 39	22 53	0 12	8 50	1 53	29 13	17 2	23 4	22 54	22 52		n.a.	T 2
W 3	20 21	22 5	1n16	24 17	1 54	2 57	2 58	14 56	0 47	8 23	1 0	14 7	1 39	22 53	0 12	8 51	1 53	29 13	17 1	23 4	22 54	22 52		n.a.	W 3
T 4	20 34	19 40	2 28	24 35	1 55	3 16	3 0	14 44	0 46	8 27	1 0	14 9	1 39	22 54	0 12	8 52	1 53	29 12	17 1	23 4	22 55	22 53		n.a.	T 4
F 5	20 46	16 8	3 29	24 50	1 56	3 35	3 2	14 32	0 44	8 32	1 0	14 12	1 39	22 54	0 12	8 52	1 53	29 11	17 0	23 4	22 55	22 54		n.a.	F 5
S 6	20 57	11 49	4 18	25 3	1 56	3 54	3 3	14 20	0 43	8 36	1 0	14 14	1 39	22 55	0 12	8 53	1 53	29 11	16 59	23 4	22 55	22 54		n.a.	S 6
S 7	21 9	7 1	4 51	25 14	1 56	4 13	3 5	14 7	0 41	8 41	1 0	14 16	1 39	22 55	0 12	8 54	1 53	29 10	16 59	23 4	22 56	22 55		n.a.	S 7
M 8	21 20	1 59	5 8	25 22	1 55	4 32	3 6	13 55	0 40	8 46	1 0	14 19	1 39	22 56	0 12	8 54	1 53	29 9	16 58	23 4	22 56	22 55		n.a.	M 8
T 9	21 30	3s 1	5 9	25 28	1 53	4 52	3 7	13 42	0 38	8 50	1 0	14 21	1 39	22 56	0 12	8 55	1 53	29 8	16 58	23 5	22 57	22 56		n.a.	T 9
W10	21 41	7 49	4 55	25 32	1 51	5 12	3 8	13 29	0 37	8 54	1 0	14 23	1 39	22 57	0 12	8 56	1 54	29 8	16 57	23 6	22 57	22 56		n.a.	W10
T 11	21 51	12 14	4 27	25 33	1 48	5 33	3 9	13 16	0 36	8 59	1 0	14 26	1 39	22 57	0 12	8 56	1 54	29 7	16 57	23 6	22 57	22 56		n.a.	T 11
F 12	22 0	16 6	3 47	25 33	1 45	5 53	3 9	13 3	0 34	9 3	1 0	14 28	1 39	22 57	0 12	8 57	1 54	29 6	16 56	23 7	22 58	22 57		n.a.	F 12
S 13	22 9	19 14	2 58	25 31	1 41	6 14	3 10	12 50	0 33	9 8	1 0	14 30	1 39	22 58	0 12	8 58	1 54	29 5	16 56	23 7	22 58	22 57		n.a.	S 13
S 14	22 18	21 31	2 1	25 27	1 37	6 35	3 10	12 37	0 32	9 12	1 0	14 32	1 39	22 58	0 12	8 58	1 54	29 5	16 55	23 8	22 58	22 58		n.a.	S 14
M15	22 26	22 50	0 59	25 21	1 32	6 56	3 10	12 23	0 30	9 16	1 0	14 35	1 39	22 59	0 12	8 59	1 54	29 4	16 55	23 8	22 59	22 58		n.a.	M15
T 16	22 34	23 7	0s 5	25 14	1 26	7 17	3 10	12 10	0 29	9 21	1 0	14 37	1 39	22 59	0 12	8 59	1 54	29 3	16 54	23 8	22 59	22 59		n.a.	T 16
W17	22 42	22 22	1 10	25 5	1 21	7 38	3 10	11 56	0 28	9 25	1 0	14 39	1 39	23 0	0 12	9 0	1 54	29 2	16 54	23 8	22 59	22 59		n.a.	W17
T 18	22 49	20 38	2 11	24 55	1 15	8 0	3 10	11 43	0 26	9 29	1 0	14 41	1 39	23 0	0 12	9 1	1 54	29 1	16 53	23 8	23 0	23 0		n.a.	T 18
F 19	22 56	17 59	3 7	24 43	1 8	8 21	3 9	11 29	0 25	9 33	1 0	14 43	1 39	23 1	0 12	9 1	1 54	29 0	16 53	23 8	23 0	23 0		n.a.	F 19
S 20	23 3	14 31	3 56	24 30	1 1	8 43	3 9	11 15	0 24	9 37	1 1	14 45	1 39	23 1	0 12	9 2	1 54	29 0	16 52	23 8	23 1	23 1		n.a.	S 20
S 21	23 9	10 22	4 36	24 16	0 54	9 5	3 8	11 1	0 22	9 41	1 1	14 48	1 39	23 2	0 12	9 2	1 54	28 59	16 52	23 8	23 1	23 1		n.a.	S 21
M22	23 14	5 39	5 2	24 1	0 46	9 26	3 7	10 47	0 21	9 45	1 1	14 50	1 40	23 2	0 12	9 3	1 54	28 58	16 51	23 8	23 1	23 1		n.a.	M22
T 23	23 20	0 33	5 14	23 44	0 38	9 48	3 6	10 33	0 20	9 49	1 1	14 52	1 40	23 3	0 12	9 3	1 54	28 57	16 51	23 8	23 2	23 2		n.a.	T 23
W24	23 25	4n44	5 10	23 27	0 29	10 10	3 5	10 18	0 19	9 53	1 1	14 54	1 40	23 3	0 12	9 4	1 54	28 56	16 50	23 8	23 2	23 2		n.a.	W24
T 25	23 29	9 59	4 46	23 9	0 21	10 32	3 4	10 4	0 17	9 57	1 1	14 56	1 40	23 4	0 12	9 4	1 54	28 55	16 50	23 8	23 2	23 3		n.a.	T 25
F 26	23 33	14 50	4 4	22 51	0 11	10 53	3 2	9 49	0 16	10 1	1 1	14 58	1 40	23 4	0 12	9 5	1 54	28 54	16 49	23 9	23 3	23 3		n.a.	F 26
S 27	23 37	18 54	3 5	22 31	0 2	11 15	3 1	9 35	0 15	10 5	1 1	15 0	1 40	23 4	0 12	9 5	1 54	28 53	16 49	23 9	23 3	23 3		n.a.	S 27
S 28	23 40	21 46	1 52	22 11	0s 8	11 37	3 0	9 20	0 14	10 9	1 1	15 2	1 40	23 5	0 12	9 6	1 54	28 53	16 49	23 9	23 3	23 4		n.a.	S 28
M29	23 43	23 5	0 31	21 51	0 18	11 58	2 58	9 5	0 12	10 12	1 1	15 4	1 40	23 5	0 12	9 6	1 54	28 52	16 48	23 9	23 4	23 4		n.a.	M29
T 30	23n45	22n43	0n52	21n30	0s28	12n20	2s56	8n50	0n11	10n16	1s 1	15n 6	1s40	23n 6	0n12	9n 7	1s54	28n51	16n48	23n 9	23n 4	23s 5		n.a.	T 30

Julian Day Number = 1269029.5, Delta T = 08h18m57s
Ecliptic obliquity = 23°50'27, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'13, Lahiri = -21°03'12 Julian Calendar 1 June 1239 BCE == Greg. Calendar 21 May 1239 BCE

The year -1238 astronomical counting style corresponds to year 1239 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1239 BCE
geocentric

JULY 1239 BCE (-1238) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 49 35	26♊ 6'28	7♌44	23♋24	11♉14	8♍45	28♈57	15♉22	14♊19	27♈53	25♌42	13♋26	14♋10	10♑ 1	n.a.	W 1
T 2	17 53 32	27° 4'01	22°16	24°26	12°17	9°22	29° 7	15°29	14°22	27°54	25°43	13°27	14° 7	10° 8	n.a.	T 2
F 3	17 57 29	28° 1'35	6♍26	25°24	13°20	9°59	29°17	15°36	14°26	27°56	25°45	13°28	14° 4	10°15	n.a.	F 3
S 4	18 1 25	28°59'10	20°11	26°20	14°23	10°36	29°27	15°42	14°29	27°57	25°46	13°28	14° 0	10°21	n.a.	S 4
S 5	18 5 22	29°56'46	3♎33	27°13	15°27	11°13	29°37	15°49	14°33	27°58	25°48	13°R29	13°57	10°28	n.a.	S 5
M 6	18 9 18	0♋54'23	16°34	28° 3	16°31	11°51	29°47	15°55	14°37	27°59	25°49	13°28	13°54	10°34	n.a.	M 6
T 7	18 13 15	1°52'01	29°15	28°50	17°36	12°28	29°57	16° 1	14°40	28° 1	25°51	13°27	13°51	10°41	n.a.	T 7
W 8	18 17 11	2°49'40	11♏41	29°33	18°40	13° 6	0♉ 6	16° 8	14°44	28° 2	25°53	13°26	13°48	10°48	n.a.	W 8
T 9	18 21 8	3°47'21	23°54	0♌12	19°45	13°44	0°16	16°14	14°47	28° 3	25°54	13°24	13°44	10°54	n.a.	T 9
F 10	18 25 4	4°45'03	5♐57	0°48	20°50	14°22	0°25	16°20	14°51	28° 4	25°56	13°23	13°41	11° 1	n.a.	F 10
S 11	18 29 1	5°42'46	17°52	1°19	21°55	15° 0	0°34	16°26	14°54	28° 5	25°57	13°22	13°38	11° 8	n.a.	S 11
S 12	18 32 58	6°40'32	29°43	1°47	23° 1	15°38	0°43	16°32	14°58	28° 6	25°59	13°22	13°35	11°14	n.a.	S 12
M13	18 36 54	7°38'18	11♑31	2° 9	24° 6	16°17	0°52	16°38	15° 1	28° 7	26° 1	13°D21	13°32	11°21	n.a.	M13
T 14	18 40 51	8°36'06	23°19	2°27	25°12	16°55	1° 1	16°44	15° 5	28° 8	26° 3	13°22	13°29	11°28	n.a.	T 14
W15	18 44 47	9°33'56	5♒ 9	2°40	26°18	17°34	1°10	16°50	15° 8	28° 9	26° 4	13°22	13°25	11°34	n.a.	W15
T 16	18 48 44	10°31'48	17° 3	2°47	27°24	18°13	1°19	16°56	15°12	28°10	26° 6	13°22	13°22	11°41	n.a.	T 16
F 17	18 52 40	11°29'42	29° 4	2°R49	28°31	18°52	1°27	17° 1	15°15	28°11	26° 8	13°22	13°19	11°48	n.a.	F 17
S 18	18 56 37	12°27'37	11♓17	2°45	29°37	19°31	1°36	17° 7	15°18	28°12	26°10	13°23	13°16	11°54	n.a.	S 18
S 19	19 0 33	13°25'34	23°43	2°35	0♊44	20°10	1°44	17°13	15°22	28°13	26°12	13°R23	13°13	12° 1	n.a.	S 19
M20	19 4 30	14°23'33	6♈27	2°20	1°51	20°49	1°52	17°18	15°25	28°14	26°13	13°23	13°10	12° 8	n.a.	M20
T 21	19 8 27	15°21'35	19°32	1°58	2°58	21°28	2° 0	17°23	15°28	28°15	26°15	13°D23	13° 6	12°14	n.a.	T 21
W22	19 12 23	16°19'38	3♉ 1	1°30	4° 6	22° 8	2° 8	17°29	15°32	28°15	26°17	13°23	13° 3	12°21	n.a.	W22
T 23	19 16 20	17°17'44	16°55	0°56	5°13	22°48	2°16	17°34	15°35	28°16	26°19	13°23	13° 0	12°27	n.a.	T 23
F 24	19 20 16	18°15'52	1♊14	0°17	6°21	23°27	2°23	17°39	15°38	28°17	26°21	13°23	12°57	12°34	n.a.	F 24
S 25	19 24 13	19°14'02	15°56	29♋33	7°29	24° 7	2°31	17°44	15°41	28°17	26°23	13°24	12°54	12°41	n.a.	S 25
S 26	19 28 9	20°12'14	0♋55	28°43	8°37	24°47	2°38	17°49	15°45	28°18	26°25	13°24	12°50	12°47	n.a.	S 26
M27	19 32 6	21°10'28	16° 5	27°50	9°45	25°27	2°45	17°54	15°48	28°19	26°27	13°R24	12°47	12°54	n.a.	M27
T 28	19 36 2	22° 8'44	1♌15	26°54	10°53	26° 7	2°52	17°59	15°51	28°19	26°29	13°24	12°44	13° 1	n.a.	T 28
W29	19 39 59	23° 7'02	16°17	25°56	12° 2	26°48	2°59	18° 4	15°54	28°20	26°31	13°23	12°41	13° 7	n.a.	W29
T 30	19 43 56	24° 5'21	1♍ 2	24°57	13°10	27°28	3° 6	18° 9	15°57	28°20	26°33	13°22	12°38	13°14	n.a.	T 30
F 31	19 47 52	25♋ 3'42	15♍24	23♋58	14♊19	28♍ 9	3♉12	18♉13	16♊ 0	28♈21	26♌35	13♋21	12♋35	13♑21	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n47	20n45	2n11	21n 9	0s38	12n41	2s54	8n35	0n10	10n20	1s 1	15n 8	1s40	23n 6	0n12	9n 7	1s54	28n50	16n47	23n 9	23n 4	23s 5			n.a.
T 2	23 48	17 27	3 19	20 47	0 49	13 3	2 52	8 20	0 9	10 23	1 1	15 10	1 40	23 7	0 12	9 8	1 54	28 49	16 47	23 9	23 5	23 5			n.a.
F 3	23 50	13 13	4 13	20 26	1 0	13 24	2 50	8 4	0 8	10 27	1 1	15 12	1 40	23 7	0 12	9 8	1 55	28 48	16 46	23 9	23 5	23 6			n.a.
S 4	23 50	8 24	4 51	20 5	1 11	13 45	2 48	7 49	0 7	10 31	1 1	15 13	1 40	23 8	0 12	9 8	1 55	28 47	16 46	23 9	23 5	23 6			n.a.
S 5	23 50	3 20	5 12	19 43	1 22	14 6	2 46	7 34	0 5	10 34	1 1	15 15	1 40	23 8	0 12	9 9	1 55	28 46	16 45	23 9	23 6	23 6			n.a.
M 6	23 50	1s45	5 16	19 22	1 34	14 26	2 44	7 18	0 4	10 38	1 1	15 17	1 40	23 8	0 12	9 9	1 55	28 45	16 45	23 9	23 6	23 7			n.a.
T 7	23 50	6 39	5 5	19 2	1 45	14 47	2 41	7 2	0 3	10 41	1 1	15 19	1 40	23 9	0 12	9 10	1 55	28 44	16 45	23 9	23 6	23 7			n.a.
W 8	23 49	11 10	4 39	18 41	1 57	15 7	2 39	6 47	0 2	10 44	1 2	15 21	1 40	23 9	0 12	9 10	1 55	28 43	16 44	23 9	23 7	23 7			n.a.
T 9	23 47	15 10	4 1	18 21	2 8	15 28	2 37	6 31	0 1	10 48	1 2	15 22	1 40	23 10	0 12	9 10	1 55	28 42	16 44	23 9	23 7	23 8			n.a.
F 10	23 45	18 29	3 13	18 2	2 20	15 47	2 34	6 15	0s 0	10 51	1 2	15 24	1 40	23 10	0 12	9 11	1 55	28 41	16 43	23 9	23 7	23 8			n.a.
S 11	23 43	21 0	2 17	17 44	2 31	16 7	2 31	5 59	0 1	10 54	1 2	15 26	1 40	23 11	0 12	9 11	1 55	28 40	16 43	23 9	23 8	23 8			n.a.
S 12	23 40	22 35	1 15	17 27	2 43	16 26	2 29	5 43	0 2	10 57	1 2	15 27	1 40	23 11	0 12	9 11	1 55	28 39	16 43	23 9	23 8	23 9			n.a.
M13	23 37	23 10	0 10	17 11	2 54	16 46	2 26	5 27	0 3	11 0	1 2	15 29	1 40	23 11	0 12	9 12	1 55	28 38	16 42	23 9	23 8	23 9			n.a.
T 14	23 33	22 42	0s55	16 56	3 5	17 4	2 23	5 11	0 4	11 3	1 2	15 31	1 41	23 12	0 12	9 12	1 55	28 37	16 42	23 9	23 9	23 9			n.a.
W15	23 29	21 13	1 58	16 43	3 16	17 23	2 20	4 55	0 6	11 6	1 2	15 32	1 41	23 12	0 12	9 12	1 55	28 36	16 41	23 9	23 9	23 10			n.a.
T 16	23 25	18 47	2 57	16 31	3 27	17 41	2 17	4 38	0 7	11 9	1 2	15 34	1 41	23 13	0 12	9 13	1 55	28 35	16 41	23 9	23 9	23 10			n.a.
F 17	23 20	15 32	3 48	16 21	3 36	17 59	2 14	4 22	0 8	11 12	1 2	15 36	1 41	23 13	0 12	9 13	1 55	28 34	16 41	23 9	23 10	23 10			n.a.
S 18	23 15	11 36	4 30	16 13	3 46	18 17	2 11	4 5	0 9	11 15	1 2	15 37	1 41	23 13	0 12	9 13	1 55	28 33	16 40	23 9	23 10	23 11			n.a.
S 19	23 9	7 6	4 59	16 6	3 54	18 34	2 8	3 49	0 10	11 18	1 2	15 39	1 41	23 14	0 13	9 13	1 55	28 32	16 40	23 9	23 10	23 11			n.a.
M20	23 3	2 13	5 16	16 2	4 2	18 51	2 4	3 32	0 11	11 21	1 3	15 40	1 41	23 14	0 13	9 14	1 55	28 32	16 40	23 9	23 11	23 11			n.a.
T 21	22 56	2n54	5 16	16 1	4 9	19 7	2 1	3 15	0 12	11 23	1 3	15 42	1 41	23 14	0 13	9 14	1 56	28 31	16 39	23 9	23 11	23 11			n.a.
W22	22 49	8 2	5 0	16 1	4 15	19 23	1 58	2 59	0 13	11 26	1 3	15 43	1 41	23 15	0 13	9 14	1 56	28 30	16 39	23 9	23 11	23 12			n.a.
T 23	22 42	12 56	4 25	16 4	4 19	19 39	1 55	2 42	0 14	11 29	1 3	15 44	1 41	23 15	0 13	9 14	1 56	28 29	16 39	23 9	23 12	23 12			n.a.
F 24	22 34	17 16	3 34	16 10	4 22	19 54	1 51	2 25	0 15	11 31	1 3	15 46	1 41	23 16	0 13	9 15	1 56	28 28	16 38	23 9	23 12	23 12			n.a.
S 25	22 26	20 39	2 27	16 18	4 23	20 9	1 48	2 8	0 16	11 34	1 3	15 47	1 41	23 16	0 13	9 15	1 56	28 27	16 38	23 9	23 12	23 12			n.a.
S 26	22 18	22 41	1 9	16 29	4 22	20 23	1 44	1 51	0 17	11 36	1 3	15 49	1 41	23 16	0 13	9 15	1 56	28 26	16 38	23 9	23 13	23 13			n.a.
M27	22 9	23 6	0n15	16 42	4 20	20 37	1 41	1 34	0 18	11 39	1 3	15 50	1 42	23 17	0 13	9 15	1 56	28 25	16 38	23 9	23 13	23 13			n.a.
T 28	21 59	21 48	1 38	16 57	4 16	20 51	1 37	1 17	0 19	11 41	1 3	15 51	1 42	23 17	0 13	9 15	1 56	28 24	16 37	23 9	23 13	23 13			n.a.
W29	21 49	18 58	2 53	17 14	4 9	21 4	1 34	1 0	0 20	11 43	1 3	15 52	1 42	23 17	0 13	9 15	1 56	28 23	16 37	23 9	23 13	23 13			n.a.
T 30	21 39	14 56	3 55	17 33	4 1	21 16	1 30	0 43	0 20	11 46	1 3	15 54	1 42	23 18	0 13	9 15	1 56	28 22	16 37	23 9	23 14	23 13			n.a.
F 31	21n29	10n 8	4n40	17n53	3s51	21n28	1s27	0n25	0s21	11n48	1s 4	15n55	1s42	23n18	0n13	9n16	1s56	28n21	16n36	23n10	23n14	23s14			n.a.

Julian Day Number = 1269059.5, Delta T = 08h18m56s
Ecliptic obliquity = 23°50'27, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'08, Lahiri = -21°03'08 Julian Calendar 1 July 1239 BCE == Greg. Calendar 20 June 1239 BCE

The year -1238 astronomical counting style corresponds to year 1239 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1239 BCE
geocentric

AUGUST 1239 BCE (-1238) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 51 49	26♋ 2'05	29♍19	23°R 1	15♊28	28♍49	3♉19	18♉18	16♊ 3	28♈21	26♌37	13°R19	12♋31	13♑27	n.a.	S 1
S 2	19 55 45	27° 0'30	12♎47	22♋ 7	16°37	29°30	3°25	18°23	16° 6	28°22	26°39	13♋18	12°28	13°34	n.a.	S 2
M 3	19 59 42	27°58'56	25°49	21°18	17°46	0♏11	3°31	18°27	16° 9	28°22	26°41	13°D18	12°25	13°41	n.a.	M 3
T 4	20 3 38	28°57'24	8♏29	20°34	18°56	0°52	3°37	18°31	16°12	28°22	26°44	13°18	12°22	13°47	n.a.	T 4
W 5	20 7 35	29°55'54	20°50	19°57	20° 5	1°33	3°43	18°35	16°15	28°23	26°46	13°19	12°19	13°54	n.a.	W 5
T 6	20 11 31	0♌54'26	2♐56	19°27	21°15	2°14	3°48	18°40	16°18	28°23	26°48	13°20	12°15	14° 1	n.a.	T 6
F 7	20 15 28	1°53'00	14°53	19° 6	22°25	2°56	3°54	18°44	16°21	28°23	26°50	13°22	12°12	14° 7	n.a.	F 7
S 8	20 19 24	2°51'36	26°43	18°54	23°34	3°37	3°59	18°47	16°24	28°23	26°52	13°23	12° 9	14°14	n.a.	S 8
S 9	20 23 21	3°50'13	8♑30	18°D51	24°44	4°19	4° 4	18°51	16°26	28°23	26°54	13°R24	12° 6	14°20	n.a.	S 9
M10	20 27 18	4°48'53	20°18	18°58	25°55	5° 0	4° 9	18°55	16°29	28°24	26°57	13°24	12° 3	14°27	n.a.	M10
T 11	20 31 14	5°47'34	2♒ 9	19°14	27° 5	5°42	4°14	18°59	16°32	28°24	26°59	13°23	12° 0	14°34	n.a.	T 11
W12	20 35 11	6°46'18	14° 5	19°40	28°15	6°24	4°19	19° 2	16°35	28°24	27° 1	13°20	11°56	14°40	n.a.	W12
T 13	20 39 7	7°45'03	26° 9	20°14	29°26	7° 5	4°23	19° 6	16°37	28°24	27° 3	13°17	11°53	14°47	n.a.	T 13
F 14	20 43 4	8°43'51	8♓22	20°58	0♋36	7°47	4°27	19° 9	16°40	28°R24	27° 6	13°13	11°50	14°54	n.a.	F 14
S 15	20 47 0	9°42'41	20°45	21°50	1°47	8°30	4°31	19°12	16°42	28°24	27° 8	13° 9	11°47	15° 0	n.a.	S 15
S 16	20 50 57	10°41'34	3♈20	22°49	2°58	9°12	4°35	19°16	16°45	28°24	27°10	13° 5	11°44	15° 7	n.a.	S 16
M17	20 54 53	11°40'29	16°10	23°56	4° 9	9°54	4°39	19°19	16°47	28°24	27°12	13° 1	11°41	15°14	n.a.	M17
T 18	20 58 50	12°39'26	29°15	25° 9	5°20	10°36	4°42	19°22	16°50	28°23	27°15	12°59	11°37	15°20	n.a.	T 18
W19	21 2 47	13°38'26	12♉40	26°28	6°31	11°19	4°46	19°24	16°52	28°23	27°17	12°D58	11°34	15°27	n.a.	W19
T 20	21 6 43	14°37'28	26°23	27°52	7°42	12° 1	4°49	19°27	16°55	28°23	27°19	12°59	11°31	15°34	n.a.	T 20
F 21	21 10 40	15°36'33	10♊28	29°20	8°54	12°44	4°52	19°30	16°57	28°23	27°22	13° 0	11°28	15°40	n.a.	F 21
S 22	21 14 36	16°35'40	24°52	0♌52	10° 5	13°27	4°55	19°32	16°59	28°23	27°24	13° 2	11°25	15°47	n.a.	S 22
S 23	21 18 33	17°34'50	9♋34	2°28	11°17	14° 9	4°57	19°35	17° 1	28°22	27°26	13°R 2	11°21	15°53	n.a.	S 23
M24	21 22 29	18°34'02	24°28	4° 6	12°29	14°52	5° 0	19°37	17° 4	28°22	27°29	13° 2	11°18	16° 0	n.a.	M24
T 25	21 26 26	19°33'17	9♌29	5°47	13°41	15°35	5° 2	19°40	17° 6	28°22	27°31	13° 0	11°15	16° 7	n.a.	T 25
W26	21 30 22	20°32'34	24°26	7°29	14°53	16°18	5° 4	19°42	17° 8	28°21	27°33	12°56	11°12	16°13	n.a.	W26
T 27	21 34 19	21°31'52	9♍11	9°13	16° 5	17° 2	5° 6	19°44	17°10	28°21	27°36	12°50	11° 9	16°20	n.a.	T 27
F 28	21 38 15	22°31'13	23°38	10°58	17°17	17°45	5° 7	19°46	17°12	28°20	27°38	12°44	11° 6	16°27	n.a.	F 28
S 29	21 42 12	23°30'36	7♎40	12°43	18°29	18°28	5° 9	19°47	17°14	28°20	27°40	12°38	11° 2	16°33	n.a.	S 29
S 30	21 46 9	24°30'01	21°14	14°29	19°41	19°12	5°10	19°49	17°16	28°19	27°43	12°32	10°59	16°40	n.a.	S 30
M31	21 50 5	25♌29'28	4♏22	16♌16	20♋54	19♎55	5♉11	19♉51	17♊18	28♈19	27♌45	12♋28	10♋56	16♑47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n18	4n58	5n 8	18n15	3s39	21n39	1s23	0n 8	0s22	11n50	1s 4	15n56	1s42	23n18	0n13	9n16	1s56	28n20	16n36	23n10	23n14	23s14		n.a.	S 1
S 2	21 6	0s17	5 17	18 37	3 25	21 50	1 20	0s 9	0 23	11 52	1 4	15 57	1 42	23 19	0 13	9 16	1 56	28 19	16 36	23 10	23 15	23 14		n.a.	S 2
M 3	20 55	5 21	5 10	19 0	3 10	22 0	1 16	0 27	0 24	11 54	1 4	15 58	1 42	23 19	0 13	9 16	1 56	28 18	16 36	23 10	23 15	23 14		n.a.	M 3
T 4	20 43	10 3	4 47	19 23	2 53	22 10	1 12	0 44	0 25	11 56	1 4	15 59	1 42	23 19	0 13	9 16	1 56	28 17	16 36	23 10	23 15	23 14		n.a.	T 4
W 5	20 30	14 13	4 12	19 46	2 36	22 19	1 9	1 1	0 26	11 58	1 4	16 1	1 42	23 20	0 13	9 16	1 56	28 16	16 35	23 10	23 16	23 15		n.a.	W 5
T 6	20 18	17 44	3 26	20 8	2 18	22 28	1 5	1 19	0 27	12 0	1 4	16 2	1 42	23 20	0 13	9 16	1 56	28 15	16 35	23 10	23 16	23 15		n.a.	T 6
F 7	20 4	20 28	2 31	20 29	1 59	22 36	1 1	1 36	0 28	12 1	1 4	16 3	1 43	23 20	0 13	9 16	1 57	28 14	16 35	23 9	23 16	23 15		n.a.	F 7
S 8	19 51	22 17	1 31	20 50	1 40	22 43	0 58	1 54	0 29	12 3	1 4	16 4	1 43	23 21	0 13	9 16	1 57	28 13	16 35	23 9	23 16	23 15		n.a.	S 8
S 9	19 37	23 7	0 27	21 9	1 21	22 50	0 54	2 11	0 29	12 5	1 4	16 5	1 43	23 21	0 13	9 16	1 57	28 12	16 35	23 9	23 17	23 15		n.a.	S 9
M10	19 23	22 54	0s38	21 26	1 3	22 56	0 51	2 29	0 30	12 6	1 5	16 5	1 43	23 21	0 13	9 16	1 57	28 11	16 34	23 9	23 17	23 15		n.a.	M10
T 11	19 8	21 40	1 42	21 42	0 45	23 2	0 47	2 47	0 31	12 8	1 5	16 6	1 43	23 22	0 13	9 16	1 57	28 10	16 34	23 9	23 17	23 16		n.a.	T 11
W12	18 53	19 27	2 41	21 55	0 27	23 6	0 43	3 4	0 32	12 9	1 5	16 7	1 43	23 22	0 13	9 16	1 57	28 9	16 34	23 10	23 18	23 16		n.a.	W12
T 13	18 38	16 21	3 34	22 7	0 11	23 11	0 40	3 22	0 33	12 11	1 5	16 8	1 43	23 22	0 13	9 16	1 57	28 8	16 34	23 10	23 18	23 16		n.a.	T 13
F 14	18 23	12 33	4 18	22 15	0n 5	23 14	0 36	3 39	0 34	12 12	1 5	16 9	1 43	23 22	0 13	9 16	1 57	28 7	16 34	23 10	23 18	23 16		n.a.	F 14
S 15	18 7	8 9	4 50	22 22	0 20	23 17	0 32	3 57	0 35	12 13	1 5	16 10	1 43	23 23	0 13	9 16	1 57	28 6	16 34	23 11	23 19	23 16		n.a.	S 15
S 16	17 51	3 22	5 9	22 25	0 33	23 20	0 29	4 15	0 35	12 15	1 5	16 10	1 44	23 23	0 13	9 16	1 57	28 5	16 33	23 11	23 19	23 16		n.a.	S 16
M17	17 34	1n39	5 13	22 26	0 46	23 21	0 25	4 32	0 36	12 16	1 5	16 11	1 44	23 23	0 13	9 16	1 57	28 4	16 33	23 12	23 19	23 16		n.a.	M17
T 18	17 18	6 42	5 1	22 24	0 57	23 22	0 22	4 50	0 37	12 17	1 5	16 12	1 44	23 24	0 13	9 16	1 57	28 3	16 33	23 12	23 19	23 16		n.a.	T 18
W19	17 0	11 34	4 33	22 19	1 8	23 22	0 18	5 7	0 38	12 18	1 6	16 13	1 44	23 24	0 13	9 15	1 57	28 2	16 33	23 12	23 20	23 17		n.a.	W19
T 20	16 43	15 59	3 48	22 12	1 17	23 22	0 15	5 25	0 38	12 19	1 6	16 13	1 44	23 24	0 13	9 15	1 57	28 1	16 33	23 12	23 20	23 17		n.a.	T 20
F 21	16 25	19 36	2 49	22 1	1 25	23 21	0 11	5 43	0 39	12 20	1 6	16 14	1 44	23 24	0 13	9 15	1 57	28 0	16 33	23 12	23 20	23 17		n.a.	F 21
S 22	16 8	22 7	1 38	21 48	1 32	23 19	0 8	6 0	0 40	12 21	1 6	16 14	1 44	23 25	0 13	9 15	1 57	27 59	16 33	23 11	23 20	23 17		n.a.	S 22
S 23	15 49	23 10	0 19	21 32	1 38	23 17	0 4	6 18	0 41	12 21	1 6	16 15	1 44	23 25	0 13	9 15	1 58	27 58	16 33	23 11	23 21	23 17		n.a.	S 23
M24	15 31	22 36	1n 2	21 13	1 43	23 14	0 1	6 35	0 41	12 22	1 6	16 16	1 44	23 25	0 13	9 15	1 58	27 57	16 33	23 11	23 21	23 17		n.a.	M24
T 25	15 12	20 25	2 19	20 52	1 47	23 10	0n 2	6 53	0 42	12 23	1 6	16 16	1 45	23 25	0 13	9 14	1 58	27 56	16 33	23 12	23 21	23 17		n.a.	T 25
W26	14 53	16 50	3 26	20 28	1 50	23 5	0 6	7 11	0 43	12 23	1 6	16 17	1 45	23 26	0 13	9 14	1 58	27 55	16 33	23 12	23 22	23 17		n.a.	W26
T 27	14 34	12 14	4 19	20 3	1 52	23 0	0 9	7 28	0 44	12 24	1 6	16 17	1 45	23 26	0 13	9 14	1 58	27 55	16 33	23 13	23 22	23 17		n.a.	T 27
F 28	14 14	7 3	4 53	19 35	1 53	22 54	0 12	7 46	0 44	12 24	1 6	16 17	1 45	23 26	0 13	9 14	1 58	27 54	16 33	23 13	23 22	23 17		n.a.	F 28
S 29	13 55	1 38	5 9	19 5	1 54	22 48	0 15	8 3	0 45	12 25	1 7	16 18	1 45	23 26	0 13	9 14	1 58	27 53	16 33	23 14	23 22	23 17		n.a.	S 29
S 30	13 35	3s41	5 7	18 34	1 54	22 41	0 19	8 20	0 46	12 25	1 7	16 18	1 45	23 26	0 13	9 13	1 58	27 52	16 32	23 14	23 23	23 17		n.a.	S 30
M31	13n14	8s40	4n48	18n 1	1n53	22n33	0n22	8s38	0s46	12n25	1s 7	16n18	1s45	23n27	0n13	9n13	1s58	27n51	16n32	23n15	23n23	23s17		n.a.	M31

Julian Day Number = 1269090.5, Delta T = 08h18m54s
Ecliptic obliquity = 23°50'28, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'04, Lahiri = -21°03'04 Julian Calendar 1 Aug. 1239 BCE == Greg. Calendar 21 July 1239 BCE

The year -1238 astronomical counting style corresponds to year 1239 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1239 BCE
geocentric

SEPTEMBER 1239 BCE (-1238) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 54 2	26♌28'57	17♏ 4	18♌ 2	22♋ 6	20♎39	5♉12	19♉52	17♊20	28°R18	27♌47	12°R26	10♋53	16♂53	n.a.	T 1
W 2	21 57 58	27°28'27	29°25	19°48	23°19	21°22	5°12	19°54	17°21	28♈18	27°50	12°D26	10°50	17° 0	n.a.	W 2
T 3	22 1 55	28°28'00	11♐30	21°34	24°32	22° 6	5°13	19°55	17°23	28°17	27°52	12♋27	10°47	17° 7	n.a.	T 3
F 4	22 5 51	29°27'35	23°25	23°20	25°44	22°50	5°13	19°56	17°25	28°16	27°55	12°28	10°43	17°13	n.a.	F 4
S 5	22 9 48	0♍27'11	5♑13	25° 5	26°57	23°34	5°R13	19°57	17°26	28°15	27°57	12°29	10°40	17°20	n.a.	S 5
S 6	22 13 44	1°26'50	17° 0	26°50	28°10	24°18	5°13	19°58	17°28	28°15	27°59	12°R29	10°37	17°27	n.a.	S 6
M 7	22 17 41	2°26'30	28°50	28°35	29°23	25° 2	5°13	19°59	17°30	28°14	28° 2	12°28	10°34	17°33	n.a.	M 7
T 8	22 21 37	3°26'12	10♒46	0♍19	0♌36	25°46	5°12	19°59	17°31	28°13	28° 4	12°24	10°31	17°40	n.a.	T 8
W 9	22 25 34	4°25'57	22°52	2° 2	1°49	26°30	5°11	20° 0	17°32	28°12	28° 6	12°18	10°27	17°46	n.a.	W 9
T 10	22 29 31	5°25'43	5♓ 9	3°44	3° 2	27°14	5°10	20° 0	17°34	28°11	28° 9	12° 9	10°24	17°53	n.a.	T 10
F 11	22 33 27	6°25'32	17°37	5°27	4°16	27°59	5° 9	20° 1	17°35	28°11	28°11	12° 0	10°21	18° 0	n.a.	F 11
S 12	22 37 24	7°25'22	0♈18	7° 8	5°29	28°43	5° 8	20° 1	17°36	28°10	28°13	11°49	10°18	18° 6	n.a.	S 12
S 13	22 41 20	8°25'15	13°11	8°49	6°43	29°28	5° 6	20° 1	17°38	28° 9	28°16	11°39	10°15	18°13	n.a.	S 13
M14	22 45 17	9°25'10	26°16	10°29	7°56	0♏12	5° 4	20°R 1	17°39	28° 8	28°18	11°31	10°12	18°20	n.a.	M14
T 15	22 49 13	10°25'08	9♉33	12° 9	9°10	0°57	5° 2	20° 1	17°40	28° 7	28°20	11°24	10° 8	18°26	n.a.	T 15
W16	22 53 10	11°25'08	23° 2	13°48	10°23	1°41	5° 0	20° 1	17°41	28° 6	28°23	11°20	10° 5	18°33	n.a.	W16
T 17	22 57 6	12°25'10	6♊43	15°26	11°37	2°26	4°58	20° 1	17°42	28° 5	28°25	11°D19	10° 2	18°40	n.a.	T 17
F 18	23 1 3	13°25'14	20°38	17° 4	12°51	3°11	4°55	20° 0	17°43	28° 3	28°27	11°19	9°59	18°46	n.a.	F 18
S 19	23 5 0	14°25'21	4♋46	18°42	14° 5	3°56	4°52	20° 0	17°44	28° 2	28°30	11°R19	9°56	18°53	n.a.	S 19
S 20	23 8 56	15°25'31	19° 7	20°19	15°19	4°41	4°49	19°59	17°45	28° 1	28°32	11°19	9°53	19° 0	n.a.	S 20
M21	23 12 53	16°25'42	3♌38	21°55	16°33	5°26	4°46	19°58	17°46	28° 0	28°34	11°17	9°49	19° 6	n.a.	M21
T 22	23 16 49	17°25'56	18°15	23°31	17°47	6°11	4°43	19°57	17°46	27°59	28°36	11°13	9°46	19°13	n.a.	T 22
W23	23 20 46	18°26'12	2♍52	25° 6	19° 1	6°56	4°39	19°56	17°47	27°58	28°39	11° 6	9°43	19°20	n.a.	W23
T 24	23 24 42	19°26'29	17°23	26°41	20°15	7°41	4°36	19°55	17°48	27°56	28°41	10°56	9°40	19°26	n.a.	T 24
F 25	23 28 39	20°26'49	1♎40	28°16	21°29	8°26	4°32	19°54	17°48	27°55	28°43	10°45	9°37	19°33	n.a.	F 25
S 26	23 32 35	21°27'10	15°37	29°50	22°44	9°12	4°28	19°53	17°49	27°54	28°45	10°33	9°33	19°39	n.a.	S 26
S 27	23 36 32	22°27'33	29°11	1♎23	23°58	9°57	4°23	19°51	17°49	27°53	28°48	10°22	9°30	19°46	n.a.	S 27
M28	23 40 28	23°27'58	12♏20	2°56	25°12	10°42	4°19	19°50	17°50	27°51	28°50	10°14	9°27	19°53	n.a.	M28
T 29	23 44 25	24°28'25	25° 4	4°29	26°27	11°28	4°14	19°48	17°50	27°50	28°52	10° 8	9°24	19°59	n.a.	T 29
W30	23 48 22	25♍28'53	7♐28	6♎ 2	27♌41	12♏14	4♉ 9	19♉46	17♊51	27♈49	28♌54	10♋ 4	9♋21	20♂ 6	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n54	13s 8	4n16	17n27	1n52	22n24	0n25	8s55	0s47	12n25	1s 7	16n19	1s45	23n27	0n13	9n13	1s58	27n50	16n33	23n15	23n23	23s17		n.a.
W 2	12 33	16 55	3 32	16 51	1 50	22 15	0 28	9 12	0 48	12 26	1 7	16 19	1 46	23 27	0 13	9 13	1 58	27 49	16 33	23 15	23 23	23 17		n.a.
T 3	12 12	19 54	2 40	16 14	1 47	22 5	0 31	9 30	0 49	12 26	1 7	16 19	1 46	23 27	0 13	9 12	1 58	27 48	16 33	23 15	23 24	23 17		n.a.
F 4	11 51	21 59	1 42	15 37	1 45	21 54	0 34	9 47	0 49	12 26	1 7	16 19	1 46	23 27	0 13	9 12	1 58	27 48	16 33	23 15	23 24	23 17		n.a.
S 5	11 30	23 5	0 39	14 58	1 41	21 43	0 37	10 4	0 50	12 25	1 7	16 20	1 46	23 28	0 13	9 12	1 58	27 47	16 33	23 15	23 24	23 17		n.a.
S 6	11 8	23 9	0s24	14 18	1 38	21 31	0 39	10 21	0 50	12 25	1 7	16 20	1 46	23 28	0 13	9 11	1 58	27 46	16 33	23 15	23 25	23 17		n.a.
M 7	10 47	22 9	1 27	13 37	1 34	21 19	0 42	10 38	0 51	12 25	1 7	16 20	1 46	23 28	0 13	9 11	1 58	27 45	16 33	23 15	23 25	23 17		n.a.
T 8	10 25	20 10	2 26	12 56	1 29	21 5	0 45	10 55	0 52	12 25	1 8	16 20	1 46	23 28	0 13	9 11	1 58	27 44	16 33	23 15	23 25	23 17		n.a.
W 9	10 3	17 16	3 20	12 14	1 25	20 51	0 47	11 12	0 52	12 24	1 8	16 20	1 46	23 28	0 13	9 10	1 58	27 44	16 33	23 16	23 25	23 17		n.a.
T 10	9 41	13 34	4 4	11 32	1 20	20 37	0 50	11 29	0 53	12 24	1 8	16 20	1 46	23 28	0 13	9 10	1 59	27 43	16 33	23 16	23 26	23 17		n.a.
F 11	9 18	9 14	4 38	10 49	1 15	20 22	0 53	11 46	0 54	12 24	1 8	16 20	1 47	23 29	0 14	9 10	1 59	27 42	16 33	23 17	23 26	23 17		n.a.
S 12	8 56	4 26	4 59	10 6	1 9	20 6	0 55	12 2	0 54	12 23	1 8	16 20	1 47	23 29	0 14	9 9	1 59	27 41	16 33	23 18	23 26	23 17		n.a.
S 13	8 33	0n37	5 5	9 23	1 4	19 50	0 57	12 19	0 55	12 22	1 8	16 20	1 47	23 29	0 14	9 9	1 59	27 40	16 33	23 19	23 26	23 17		n.a.
M14	8 10	5 44	4 55	8 39	0 58	19 33	1 0	12 36	0 55	12 22	1 8	16 20	1 47	23 29	0 14	9 8	1 59	27 40	16 33	23 20	23 27	23 17		n.a.
T 15	7 47	10 40	4 29	7 55	0 52	19 16	1 2	12 52	0 56	12 21	1 8	16 20	1 47	23 29	0 14	9 8	1 59	27 39	16 34	23 21	23 27	23 17		n.a.
W16	7 24	15 9	3 48	7 11	0 46	18 58	1 4	13 8	0 56	12 20	1 8	16 19	1 47	23 29	0 14	9 8	1 59	27 38	16 34	23 21	23 27	23 17		n.a.
T 17	7 1	18 56	2 54	6 27	0 40	18 39	1 6	13 25	0 57	12 19	1 8	16 19	1 47	23 29	0 14	9 7	1 59	27 37	16 34	23 21	23 27	23 17		n.a.
F 18	6 37	21 42	1 48	5 42	0 34	18 20	1 8	13 41	0 58	12 18	1 8	16 19	1 47	23 29	0 14	9 7	1 59	27 37	16 34	23 21	23 28	23 17		n.a.
S 19	6 14	23 10	0 35	4 58	0 27	18 0	1 10	13 57	0 58	12 17	1 8	16 19	1 47	23 30	0 14	9 6	1 59	27 36	16 34	23 21	23 28	23 17		n.a.
S 20	5 50	23 8	0n41	4 13	0 21	17 40	1 12	14 13	0 59	12 16	1 9	16 18	1 48	23 30	0 14	9 6	1 59	27 35	16 34	23 21	23 28	23 17		n.a.
M21	5 27	21 33	1 56	3 29	0 14	17 19	1 14	14 29	0 59	12 15	1 9	16 18	1 48	23 30	0 14	9 5	1 59	27 35	16 35	23 21	23 28	23 17		n.a.
T 22	5 3	18 31	3 3	2 44	0 8	16 58	1 16	14 44	1 0	12 14	1 9	16 18	1 48	23 30	0 14	9 5	1 59	27 34	16 35	23 22	23 28	23 17		n.a.
W23	4 39	14 19	3 58	2 0	0 1	16 36	1 18	15 0	1 0	12 13	1 9	16 17	1 48	23 30	0 14	9 4	1 59	27 33	16 35	23 22	23 29	23 16		n.a.
T 24	4 15	9 19	4 37	1 16	0s 5	16 14	1 19	15 16	1 1	12 11	1 9	16 17	1 48	23 30	0 14	9 4	1 59	27 33	16 35	23 23	23 29	23 16		n.a.
F 25	3 51	3 53	4 58	0 31	0 12	15 51	1 21	15 31	1 1	12 10	1 9	16 17	1 48	23 30	0 14	9 4	1 59	27 32	16 35	23 24	23 29	23 16		n.a.
S 26	3 27	1s38	5 1	0s13	0 19	15 28	1 23	15 46	1 2	12 9	1 9	16 16	1 48	23 30	0 14	9 3	1 59	27 31	16 36	23 25	23 29	23 16		n.a.
S 27	3 2	6 55	4 46	0 57	0 25	15 4	1 24	16 1	1 2	12 7	1 9	16 16	1 48	23 30	0 14	9 3	1 59	27 31	16 36	23 26	23 30	23 16		n.a.
M28	2 38	11 43	4 17	1 40	0 32	14 40	1 25	16 16	1 2	12 5	1 9	16 15	1 48	23 30	0 14	9 2	1 59	27 30	16 36	23 26	23 30	23 16		n.a.
T 29	2 14	15 53	3 35	2 24	0 38	14 16	1 27	16 31	1 3	12 4	1 9	16 15	1 49	23 30	0 14	9 1	1 59	27 30	16 36	23 27	23 30	23 16		n.a.
W30	1n49	19s14	2n44	3s 7	0s45	13n51	1n28	16s46	1s 3	12n 2	1s 9	16n14	1s49	23n30	0n14	9n 1	1s59	27n29	16n37	23n27	23n30	23s16		n.a.

Julian Day Number = 1269121.5, Delta T = 08h18m52s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°10'00, Lahiri = -21°03'00 Julian Calendar 1 Sept. 1239 BCE == Greg. Calendar 21 Aug. 1239 BCE

The year -1238 astronomical counting style corresponds to year 1239 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1239 BCE
geocentric

OCTOBER 1239 BCE (-1238) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 52 18	26♍29'23	19♐34	7♎34	28♌56	12♏59	4°R 4	19°R44	17♊51	27°R47	28♌56	10°R 3	9♋18	20♑13	n.a.	T 1
F 2	23 56 15	27°29'54	1♑28	9° 5	0♍10	13°45	3♉59	19♉42	17°51	27♈46	28°58	10°D 2	9°14	20°19	n.a.	F 2
S 3	0 0 11	28°30'26	13°17	10°37	1°25	14°30	3°54	19°40	17°51	27°44	29° 1	10°R 3	9°11	20°26	n.a.	S 3
S 4	0 4 8	29°31'01	25° 5	12° 8	2°40	15°16	3°48	19°38	17°51	27°43	29° 3	10♋ 2	9° 8	20°33	n.a.	S 4
M 5	0 8 4	0♎31'36	6♒57	13°38	3°54	16° 2	3°43	19°36	17°R51	27°41	29° 5	9°59	9° 5	20°39	n.a.	M 5
T 6	0 12 1	1°32'13	18°58	15° 9	5° 9	16°48	3°37	19°33	17°51	27°40	29° 7	9°53	9° 2	20°46	n.a.	T 6
W 7	0 15 57	2°32'52	1♓12	16°38	6°24	17°34	3°31	19°31	17°51	27°38	29° 9	9°45	8°58	20°53	n.a.	W 7
T 8	0 19 54	3°33'31	13°41	18° 8	7°39	18°20	3°25	19°28	17°51	27°37	29°11	9°34	8°55	20°59	n.a.	T 8
F 9	0 23 51	4°34'13	26°27	19°37	8°54	19° 6	3°19	19°25	17°51	27°35	29°13	9°21	8°52	21° 6	n.a.	F 9
S 10	0 27 47	5°34'56	9♈28	21° 6	10° 8	19°52	3°12	19°23	17°51	27°34	29°15	9° 8	8°49	21°13	n.a.	S 10
S 11	0 31 44	6°35'40	22°44	22°34	11°23	20°38	3° 6	19°20	17°50	27°32	29°17	8°54	8°46	21°19	n.a.	S 11
M12	0 35 40	7°36'26	6♉13	24° 1	12°38	21°24	2°59	19°17	17°50	27°31	29°19	8°43	8°43	21°26	n.a.	M12
T 13	0 39 37	8°37'14	19°51	25°29	13°53	22°10	2°52	19°14	17°50	27°29	29°21	8°34	8°39	21°32	n.a.	T 13
W14	0 43 33	9°38'03	3♊38	26°55	15° 8	22°56	2°45	19°10	17°49	27°28	29°23	8°28	8°36	21°39	n.a.	W14
T 15	0 47 30	10°38'54	17°31	28°21	16°23	23°42	2°38	19° 7	17°49	27°26	29°25	8°25	8°33	21°46	n.a.	T 15
F 16	0 51 26	11°39'47	1♋28	29°46	17°38	24°29	2°31	19° 4	17°48	27°24	29°27	8°24	8°30	21°52	n.a.	F 16
S 17	0 55 23	12°40'41	15°31	1♏11	18°54	25°15	2°24	19° 0	17°47	27°23	29°29	8°24	8°27	21°59	n.a.	S 17
S 18	0 59 20	13°41'37	29°37	2°34	20° 9	26° 1	2°16	18°57	17°47	27°21	29°30	8°23	8°24	22° 6	n.a.	S 18
M19	1 3 16	14°42'35	13♌47	3°56	21°24	26°48	2° 9	18°53	17°46	27°19	29°32	8°21	8°20	22°12	n.a.	M19
T 20	1 7 13	15°43'34	27°59	5°18	22°39	27°34	2° 2	18°50	17°45	27°18	29°34	8°16	8°17	22°19	n.a.	T 20
W21	1 11 9	16°44'34	12♍ 9	6°37	23°54	28°21	1°54	18°46	17°44	27°16	29°36	8° 8	8°14	22°26	n.a.	W21
T 22	1 15 6	17°45'36	26°13	7°56	25°10	29° 7	1°46	18°42	17°44	27°14	29°37	7°57	8°11	22°32	n.a.	T 22
F 23	1 19 2	18°46'39	10♎ 8	9°12	26°25	29°54	1°38	18°38	17°43	27°13	29°39	7°44	8° 8	22°39	n.a.	F 23
S 24	1 22 59	19°47'43	23°47	10°26	27°40	0♐40	1°31	18°34	17°42	27°11	29°41	7°31	8° 4	22°46	n.a.	S 24
S 25	1 26 55	20°48'48	7♏ 9	11°38	28°55	1°27	1°23	18°30	17°41	27° 9	29°43	7°19	8° 1	22°52	n.a.	S 25
M26	1 30 52	21°49'54	20°10	12°47	0♎11	2°14	1°15	18°26	17°40	27° 8	29°44	7° 9	7°58	22°59	n.a.	M26
T 27	1 34 49	22°51'02	2♐51	13°53	1°26	3° 0	1° 7	18°22	17°38	27° 6	29°46	7° 2	7°55	23° 6	n.a.	T 27
W28	1 38 45	23°52'10	15°13	14°56	2°41	3°47	0°59	18°17	17°37	27° 4	29°47	6°57	7°52	23°12	n.a.	W28
T 29	1 42 42	24°53'18	27°20	15°54	3°57	4°34	0°51	18°13	17°36	27° 3	29°49	6°55	7°49	23°19	n.a.	T 29
F 30	1 46 38	25°54'28	9♑15	16°47	5°12	5°20	0°42	18° 9	17°35	27° 1	29°51	6°D54	7°45	23°26	n.a.	F 30
S 31	1 50 35	26♎55'38	21♑ 4	17♏35	6♎27	6♐ 7	0♉34	18♉ 4	17♊33	26♈59	29♌52	6°R55	7♋42	23♑32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n25	21s39	1n47	3s50	0s51	13n26	1n29	17s 0	1s 4	12n 0	1s 9	16n13	1s49	23n30	0n14	9n 0	1s59	27n29	16n37	23n27	23n31	23s15		n.a.
F 2	1 1	23 5	0 45	4 32	0 57	13 0	1 30	17 15	1 4	11 59	1 9	16 13	1 49	23 30	0 14	9 0	1 59	27 28	16 37	23 27	23 31	23 15		n.a.
S 3	0 36	23 27	0s17	5 15	1 4	12 34	1 31	17 29	1 5	11 57	1 9	16 12	1 49	23 30	0 14	8 59	1 59	27 27	16 37	23 27	23 31	23 15		n.a.
S 4	0 12	22 46	1 19	5 56	1 10	12 7	1 32	17 43	1 5	11 55	1 9	16 11	1 49	23 31	0 14	8 59	1 59	27 27	16 38	23 27	23 31	23 15		n.a.
M 5	0s13	21 4	2 17	6 38	1 16	11 41	1 33	17 57	1 5	11 53	1 9	16 11	1 49	23 31	0 14	8 58	2 0	27 26	16 38	23 28	23 31	23 15		n.a.
T 6	0 37	18 24	3 11	7 19	1 22	11 13	1 33	18 11	1 6	11 51	1 9	16 10	1 49	23 31	0 14	8 58	2 0	27 26	16 38	23 28	23 32	23 15		n.a.
W 7	1 2	14 53	3 56	8 0	1 28	10 46	1 34	18 25	1 6	11 49	1 9	16 9	1 49	23 31	0 14	8 57	2 0	27 25	16 39	23 29	23 32	23 14		n.a.
T 8	1 26	10 40	4 31	8 40	1 33	10 18	1 35	18 38	1 7	11 47	1 9	16 8	1 49	23 31	0 14	8 57	2 0	27 25	16 39	23 29	23 32	23 14		n.a.
F 9	1 51	5 54	4 53	9 19	1 39	9 50	1 35	18 52	1 7	11 45	1 9	16 8	1 49	23 31	0 14	8 56	2 0	27 25	16 39	23 30	23 32	23 14		n.a.
S 10	2 15	0 46	5 0	9 58	1 44	9 22	1 36	19 5	1 7	11 42	1 9	16 7	1 49	23 31	0 14	8 55	2 0	27 24	16 40	23 31	23 33	23 14		n.a.
S 11	2 40	4n29	4 51	10 37	1 49	8 53	1 36	19 18	1 8	11 40	1 9	16 6	1 49	23 31	0 14	8 55	2 0	27 24	16 40	23 32	23 33	23 14		n.a.
M12	3 4	9 37	4 27	11 14	1 54	8 24	1 36	19 30	1 8	11 38	1 9	16 5	1 50	23 31	0 14	8 54	2 0	27 23	16 40	23 33	23 33	23 13		n.a.
T 13	3 28	14 22	3 46	11 51	1 59	7 55	1 36	19 43	1 8	11 35	1 9	16 4	1 50	23 31	0 14	8 54	2 0	27 23	16 41	23 34	23 33	23 13		n.a.
W14	3 53	18 25	2 53	12 27	2 3	7 26	1 37	19 55	1 9	11 33	1 9	16 3	1 50	23 31	0 14	8 53	2 0	27 22	16 41	23 34	23 33	23 13		n.a.
T 15	4 17	21 27	1 48	13 3	2 8	6 56	1 37	20 7	1 9	11 31	1 9	16 2	1 50	23 31	0 14	8 52	2 0	27 22	16 41	23 34	23 34	23 13		n.a.
F 16	4 41	23 13	0 37	13 37	2 11	6 27	1 37	20 19	1 9	11 28	1 9	16 1	1 50	23 31	0 14	8 52	2 0	27 22	16 42	23 34	23 34	23 12		n.a.
S 17	5 5	23 33	0n38	14 11	2 15	5 57	1 37	20 31	1 9	11 26	1 9	16 0	1 50	23 30	0 14	8 51	2 0	27 21	16 42	23 34	23 34	23 12		n.a.
S 18	5 29	22 21	1 50	14 43	2 18	5 26	1 36	20 43	1 10	11 23	1 9	15 59	1 50	23 30	0 14	8 51	2 0	27 21	16 43	23 34	23 34	23 12		n.a.
M19	5 53	19 46	2 55	15 15	2 21	4 56	1 36	20 54	1 10	11 21	1 9	15 58	1 50	23 30	0 14	8 50	2 0	27 21	16 43	23 34	23 34	23 12		n.a.
T 20	6 17	15 58	3 50	15 45	2 23	4 26	1 36	21 5	1 10	11 18	1 9	15 57	1 50	23 30	0 14	8 49	2 0	27 20	16 43	23 35	23 35	23 11		n.a.
W21	6 41	11 16	4 31	16 14	2 25	3 55	1 35	21 16	1 11	11 16	1 9	15 56	1 50	23 30	0 14	8 49	2 0	27 20	16 44	23 35	23 35	23 11		n.a.
T 22	7 5	6 1	4 54	16 41	2 26	3 24	1 35	21 27	1 11	11 13	1 9	15 55	1 50	23 30	0 14	8 48	2 0	27 20	16 44	23 36	23 35	23 11		n.a.
F 23	7 29	0 31	5 0	17 7	2 27	2 53	1 35	21 37	1 11	11 10	1 9	15 54	1 50	23 30	0 14	8 48	2 0	27 20	16 45	23 37	23 35	23 11		n.a.
S 24	7 52	4s55	4 49	17 31	2 27	2 22	1 34	21 48	1 11	11 8	1 9	15 53	1 50	23 30	0 14	8 47	2 0	27 19	16 45	23 37	23 35	23 10		n.a.
S 25	8 15	10 1	4 22	17 54	2 27	1 51	1 33	21 58	1 12	11 5	1 9	15 52	1 50	23 30	0 15	8 46	2 0	27 19	16 46	23 38	23 36	23 10		n.a.
M26	8 39	14 32	3 41	18 15	2 26	1 20	1 33	22 8	1 12	11 2	1 8	15 50	1 50	23 30	0 15	8 46	2 0	27 19	16 46	23 39	23 36	23 10		n.a.
T 27	9 2	18 18	2 50	18 33	2 24	0 49	1 32	22 17	1 12	10 59	1 8	15 49	1 50	23 30	0 15	8 45	2 0	27 19	16 47	23 39	23 36	23 9		n.a.
W28	9 25	21 9	1 53	18 49	2 21	0 18	1 31	22 26	1 12	10 57	1 8	15 48	1 50	23 30	0 15	8 44	2 0	27 19	16 47	23 39	23 36	23 9		n.a.
T 29	9 48	22 58	0 51	19 3	2 17	0s13	1 30	22 36	1 12	10 54	1 8	15 47	1 50	23 30	0 15	8 44	2 0	27 19	16 47	23 39	23 36	23 9		n.a.
F 30	10 10	23 43	0s12	19 14	2 12	0 45	1 29	22 44	1 12	10 51	1 8	15 46	1 50	23 30	0 15	8 43	2 0	27 18	16 48	23 39	23 37	23 9		n.a.
S 31	10s33	23s23	1s15	19s23	2s 6	1s16	1n28	22s53	1s13	10n48	1s 8	15n44	1s50	23n29	0n15	8n43	2s 0	27n18	16n48	23n39	23n37	23s 8		n.a.

Julian Day Number = 1269151.5, Delta T = 08h18m51s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'56, Lahiri = -21°02'55 Julian Calendar 1 Oct. 1239 BCE == Greg. Calendar 20 Sept. 1239 BCE

The year -1238 astronomical counting style corresponds to year 1239 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1239 BCE
geocentric

NOVEMBER 1239 BCE (-1238) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 54 31	27♎56'48	2♒52	18♏16	7♎43	6♐54	0°R26	18°R 0	17°R32	26°R57	29♌54	6°R55	7♋39	23♉39	n.a.	S 1
M 2	1 58 28	28°57'59	14°44	18°50	8°58	7°41	0♉18	17♉55	17♊31	26♈56	29°55	6♋53	7°36	23°45	n.a.	M 2
T 3	2 2 24	29°59'10	26°47	19°17	10°14	8°28	0°10	17°51	17°29	26°54	29°56	6°50	7°33	23°52	n.a.	T 3
W 4	2 6 21	1♏ 0'22	9♓ 5	19°35	11°29	9°14	0° 2	17°46	17°28	26°52	29°58	6°44	7°29	23°59	n.a.	W 4
T 5	2 10 18	2° 1'35	21°41	19°R43	12°44	10° 1	29♈53	17°41	17°26	26°51	29°59	6°35	7°26	24° 5	n.a.	T 5
F 6	2 14 14	3° 2'47	4♈37	19°41	14° 0	10°48	29°45	17°36	17°24	26°49	0♍ 1	6°25	7°23	24°12	n.a.	F 6
S 7	2 18 11	4° 4'00	17°55	19°27	15°15	11°35	29°37	17°32	17°23	26°47	0° 2	6°14	7°20	24°19	n.a.	S 7
S 8	2 22 7	5° 5'14	1♉32	19° 2	16°31	12°22	29°29	17°27	17°21	26°46	0° 3	6° 3	7°17	24°25	n.a.	S 8
M 9	2 26 4	6° 6'28	15°25	18°26	17°46	13° 9	29°21	17°22	17°19	26°44	0° 4	5°53	7°14	24°32	n.a.	M 9
T 10	2 30 0	7° 7'43	29°31	17°38	19° 2	13°56	29°13	17°17	17°17	26°42	0° 6	5°46	7°10	24°39	n.a.	T 10
W11	2 33 57	8° 8'58	13♊45	16°39	20°17	14°43	29° 5	17°12	17°16	26°41	0° 7	5°41	7° 7	24°45	n.a.	W11
T 12	2 37 53	9°10'14	28° 1	15°32	21°32	15°30	28°57	17° 7	17°14	26°39	0° 8	5°39	7° 4	24°52	n.a.	T 12
F 13	2 41 50	10°11'30	12♋17	14°17	22°48	16°17	28°49	17° 2	17°12	26°37	0° 9	5°D39	7° 1	24°59	n.a.	F 13
S 14	2 45 47	11°12'47	26°29	12°57	24° 3	17° 4	28°41	16°58	17°10	26°36	0°10	5°40	6°58	25° 5	n.a.	S 14
S 15	2 49 43	12°14'05	10♌36	11°35	25°19	17°51	28°33	16°53	17° 8	26°34	0°11	5°R40	6°55	25°12	n.a.	S 15
M16	2 53 40	13°15'23	24°38	10°13	26°34	18°38	28°26	16°48	17° 6	26°32	0°12	5°40	6°51	25°19	n.a.	M16
T 17	2 57 36	14°16'41	8♍32	8°54	27°50	19°25	28°18	16°43	17° 4	26°31	0°13	5°37	6°48	25°25	n.a.	T 17
W18	3 1 33	15°18'00	22°19	7°41	29° 5	20°12	28°11	16°38	17° 2	26°29	0°14	5°32	6°45	25°32	n.a.	W18
T 19	3 5 29	16°19'20	5♎56	6°35	0♏21	20°59	28° 3	16°33	17° 0	26°28	0°15	5°25	6°42	25°39	n.a.	T 19
F 20	3 9 26	17°20'39	19°23	5°39	1°36	21°46	27°56	16°28	16°58	26°26	0°16	5°17	6°39	25°45	n.a.	F 20
S 21	3 13 23	18°21'59	2♏37	4°52	2°52	22°33	27°49	16°23	16°55	26°24	0°17	5° 8	6°35	25°52	n.a.	S 21
S 22	3 17 19	19°23'18	15°37	4°16	4° 7	23°20	27°41	16°18	16°53	26°23	0°18	4°59	6°32	25°59	n.a.	S 22
M23	3 21 16	20°24'38	28°23	3°50	5°23	24° 7	27°34	16°13	16°51	26°21	0°18	4°52	6°29	26° 5	n.a.	M23
T 24	3 25 12	21°25'58	10♐52	3°35	6°38	24°55	27°28	16° 8	16°49	26°20	0°19	4°47	6°26	26°12	n.a.	T 24
W25	3 29 9	22°27'17	23° 8	3°D29	7°54	25°42	27°21	16° 3	16°46	26°18	0°20	4°44	6°23	26°18	n.a.	W25
T 26	3 33 5	23°28'36	5♑11	3°32	9° 9	26°29	27°14	15°58	16°44	26°17	0°21	4°D44	6°20	26°25	n.a.	T 26
F 27	3 37 2	24°29'55	17° 5	3°44	10°24	27°16	27° 8	15°53	16°42	26°15	0°21	4°44	6°16	26°32	n.a.	F 27
S 28	3 40 58	25°31'13	28°53	4° 4	11°40	28° 3	27° 1	15°48	16°39	26°14	0°22	4°46	6°13	26°38	n.a.	S 28
S 29	3 44 55	26°32'30	10♒41	4°31	12°55	28°50	26°55	15°43	16°37	26°12	0°22	4°48	6°10	26°45	n.a.	S 29
M30	3 48 52	27♏33'47	22♒33	5♏ 4	14♏11	29♐37	26♈49	15♉38	16♊35	26♈11	0♍23	4°R49	6♋ 7	26♉52	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s55	22s 1	2s14	19s28	1s59	1s47	1n27	23s 1	1s13	10n46	1s 8	15n43	1s50	23n29	0n15	8n42	2s 0	27n18	16n49	23n39	23n37	23s 8		n.a.
M 2	11 17	19 40	3 7	19 29	1 51	2 18	1 26	23 9	1 13	10 43	1 8	15 42	1 50	23 29	0 15	8 41	2 0	27 18	16 49	23 40	23 37	23 8		n.a.
T 3	11 39	16 26	3 53	19 28	1 41	2 50	1 24	23 17	1 13	10 40	1 8	15 41	1 50	23 29	0 15	8 41	2 0	27 18	16 50	23 40	23 37	23 7		n.a.
W 4	12 1	12 27	4 29	19 22	1 30	3 21	1 23	23 25	1 13	10 37	1 7	15 39	1 50	23 29	0 15	8 40	2 0	27 18	16 50	23 40	23 38	23 7		n.a.
T 5	12 23	7 50	4 54	19 12	1 17	3 52	1 22	23 32	1 13	10 34	1 7	15 38	1 50	23 29	0 15	8 40	2 0	27 18	16 51	23 40	23 38	23 7		n.a.
F 6	12 44	2 46	5 3	18 58	1 3	4 23	1 20	23 39	1 14	10 32	1 7	15 37	1 50	23 29	0 15	8 39	2 0	27 18	16 51	23 41	23 38	23 6		n.a.
S 7	13 5	2n34	4 57	18 39	0 48	4 54	1 19	23 46	1 14	10 29	1 7	15 35	1 50	23 29	0 15	8 38	2 0	27 18	16 52	23 42	23 38	23 6		n.a.
S 8	13 26	7 55	4 35	18 16	0 31	5 25	1 17	23 53	1 14	10 26	1 7	15 34	1 50	23 28	0 15	8 38	2 0	27 18	16 52	23 42	23 38	23 5		n.a.
M 9	13 47	12 59	3 55	17 48	0 12	5 55	1 16	23 59	1 14	10 23	1 7	15 33	1 50	23 28	0 15	8 37	2 0	27 18	16 53	23 42	23 38	23 5		n.a.
T 10	14 7	17 27	3 1	17 16	0n 7	6 26	1 14	24 5	1 14	10 21	1 6	15 31	1 50	23 28	0 15	8 37	2 0	27 18	16 54	23 43	23 39	23 5		n.a.
W11	14 28	20 56	1 55	16 40	0 27	6 56	1 13	24 10	1 14	10 18	1 6	15 30	1 50	23 28	0 15	8 36	2 0	27 18	16 54	23 43	23 39	23 4		n.a.
T 12	14 47	23 9	0 41	16 0	0 47	7 27	1 11	24 16	1 14	10 15	1 6	15 29	1 50	23 28	0 15	8 35	2 0	27 18	16 55	23 43	23 39	23 4		n.a.
F 13	15 7	23 51	0n36	15 19	1 8	7 57	1 9	24 21	1 14	10 13	1 6	15 27	1 50	23 28	0 15	8 35	2 0	27 18	16 55	23 43	23 39	23 3		n.a.
S 14	15 27	23 0	1 50	14 36	1 27	8 27	1 7	24 26	1 14	10 10	1 6	15 26	1 50	23 27	0 15	8 34	2 0	27 18	16 56	23 43	23 39	23 3		n.a.
S 15	15 46	20 42	2 56	13 53	1 46	8 56	1 5	24 30	1 14	10 7	1 6	15 25	1 49	23 27	0 15	8 34	2 0	27 18	16 56	23 43	23 39	23 3		n.a.
M16	16 5	17 10	3 52	13 11	2 3	9 26	1 3	24 35	1 14	10 5	1 5	15 23	1 49	23 27	0 15	8 33	2 0	27 18	16 57	23 43	23 40	23 2		n.a.
T 17	16 23	12 43	4 34	12 31	2 18	9 55	1 2	24 39	1 14	10 2	1 5	15 22	1 49	23 27	0 15	8 32	2 0	27 19	16 57	23 43	23 40	23 2		n.a.
W18	16 42	7 40	4 59	11 55	2 31	10 24	1 0	24 42	1 14	10 0	1 5	15 21	1 49	23 27	0 15	8 32	2 0	27 19	16 58	23 43	23 40	23 1		n.a.
T 19	17 0	2 17	5 7	11 24	2 42	10 53	0 58	24 46	1 14	9 57	1 5	15 19	1 49	23 27	0 15	8 31	1 59	27 19	16 59	23 44	23 40	23 1		n.a.
F 20	17 18	3s 7	4 58	10 57	2 51	11 22	0 56	24 49	1 14	9 55	1 5	15 18	1 49	23 26	0 15	8 31	1 59	27 19	16 59	23 44	23 40	23 0		n.a.
S 21	17 35	8 19	4 33	10 35	2 57	11 50	0 53	24 52	1 14	9 52	1 4	15 17	1 49	23 26	0 15	8 30	1 59	27 19	17 0	23 44	23 40	23 0		n.a.
S 22	17 52	13 4	3 54	10 19	3 1	12 18	0 51	24 54	1 14	9 50	1 4	15 15	1 49	23 26	0 15	8 30	1 59	27 19	17 0	23 45	23 41	23 0		n.a.
M23	18 9	17 9	3 4	10 8	3 3	12 46	0 49	24 57	1 14	9 48	1 4	15 14	1 49	23 26	0 15	8 29	1 59	27 20	17 1	23 45	23 41	22 59		n.a.
T 24	18 25	20 23	2 6	10 2	3 4	13 13	0 47	24 59	1 14	9 45	1 4	15 13	1 49	23 26	0 15	8 29	1 59	27 20	17 1	23 45	23 41	22 59		n.a.
W25	18 42	22 37	1 3	10 1	3 3	13 40	0 45	25 0	1 14	9 43	1 3	15 11	1 49	23 25	0 15	8 28	1 59	27 20	17 2	23 45	23 41	22 58		n.a.
T 26	18 57	23 47	0s 2	10 5	3 1	14 7	0 43	25 2	1 14	9 41	1 3	15 10	1 48	23 25	0 15	8 28	1 59	27 21	17 3	23 45	23 41	22 58		n.a.
F 27	19 13	23 50	1 7	10 12	2 57	14 33	0 40	25 3	1 14	9 39	1 3	15 9	1 48	23 25	0 15	8 27	1 59	27 21	17 3	23 45	23 41	22 57		n.a.
S 28	19 28	22 49	2 8	10 23	2 53	14 59	0 38	25 4	1 14	9 37	1 3	15 7	1 48	23 25	0 15	8 27	1 59	27 21	17 4	23 45	23 42	22 57		n.a.
S 29	19 42	20 47	3 3	10 37	2 47	15 25	0 36	25 4	1 14	9 34	1 2	15 6	1 48	23 24	0 15	8 26	1 59	27 21	17 4	23 45	23 42	22 56		n.a.
M30	19s57	17s52	3s52	10s54	2n41	15s50	0n33	25s 4	1s14	9n33	1s 2	15n 5	1s48	23n24	0n15	8n26	1s59	27n22	17n 5	23n45	23n42	22s56		n.a.

Julian Day Number = 1269182.5, Delta T = 08h18m49s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'52, Lahiri = -21°02'51 Julian Calendar 1 Nov. 1239 BCE == Greg. Calendar 21 Oct. 1239 BCE

The year -1238 astronomical counting style corresponds to year 1239 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1239 BCE
geocentric

DECEMBER 1239 BCE (-1238) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 52 48	28♏35'03	4♓34	5♏43	15♏26	0♑24	26°R43	15°R33	16°R32	26°R10	0♍23	4°R49	6♋ 4	26♑58	n.a.	T 1
W 2	3 56 45	29°36'19	16°50	6°27	16°41	1°11	26♈37	15♉29	16♊30	26♈ 8	0°24	4♋47	6° 1	27° 5	n.a.	W 2
T 3	4 0 41	0♐37'33	29°25	7°15	17°57	1°58	26°32	15°24	16°27	26° 7	0°24	4°44	5°57	27°12	n.a.	T 3
F 4	4 4 38	1°38'47	12♈23	8° 8	19°12	2°45	26°26	15°19	16°25	26° 6	0°25	4°40	5°54	27°18	n.a.	F 4
S 5	4 8 34	2°40'00	25°45	9° 5	20°28	3°32	26°21	15°14	16°22	26° 4	0°25	4°34	5°51	27°25	n.a.	S 5
S 6	4 12 31	3°41'13	9♉32	10° 5	21°43	4°19	26°16	15°10	16°20	26° 3	0°25	4°29	5°48	27°32	n.a.	S 6
M 7	4 16 28	4°42'24	23°42	11° 7	22°58	5° 7	26°11	15° 5	16°17	26° 2	0°26	4°25	5°45	27°38	n.a.	M 7
T 8	4 20 24	5°43'35	8♊10	12°13	24°14	5°54	26° 6	15° 1	16°15	26° 1	0°26	4°21	5°41	27°45	n.a.	T 8
W 9	4 24 21	6°44'46	22°50	13°21	25°29	6°41	26° 1	14°56	16°12	25°59	0°26	4°19	5°38	27°52	n.a.	W 9
T 10	4 28 17	7°45'56	7♋34	14°31	26°44	7°28	25°57	14°52	16° 9	25°58	0°26	4°D19	5°35	27°58	n.a.	T 10
F 11	4 32 14	8°47'05	22°17	15°43	28° 0	8°15	25°53	14°48	16° 7	25°57	0°27	4°20	5°32	28° 5	n.a.	F 11
S 12	4 36 10	9°48'13	6♌52	16°57	29°15	9° 1	25°49	14°43	16° 4	25°56	0°27	4°21	5°29	28°12	n.a.	S 12
S 13	4 40 7	10°49'21	21°15	18°12	0♐30	9°48	25°45	14°39	16° 2	25°55	0°27	4°23	5°26	28°18	n.a.	S 13
M14	4 44 3	11°50'28	5♍23	19°29	1°45	10°35	25°41	14°35	15°59	25°54	0°27	4°24	5°22	28°25	n.a.	M14
T 15	4 48 0	12°51'34	19°15	20°47	3° 1	11°22	25°38	14°31	15°56	25°53	0°R27	4°R24	5°19	28°32	n.a.	T 15
W16	4 51 57	13°52'40	2♎50	22° 7	4°16	12° 9	25°34	14°27	15°54	25°52	0°27	4°23	5°16	28°38	n.a.	W16
T 17	4 55 53	14°53'45	16°10	23°28	5°31	12°56	25°31	14°23	15°51	25°51	0°27	4°21	5°13	28°45	n.a.	T 17
F 18	4 59 50	15°54'49	29°15	24°50	6°47	13°43	25°28	14°19	15°49	25°50	0°27	4°18	5°10	28°52	n.a.	F 18
S 19	5 3 46	16°55'53	12♏ 6	26°13	8° 2	14°30	25°26	14°15	15°46	25°49	0°26	4°15	5° 7	28°58	n.a.	S 19
S 20	5 7 43	17°56'55	24°43	27°36	9°17	15°17	25°23	14°11	15°43	25°48	0°26	4°12	5° 3	29° 5	n.a.	S 20
M21	5 11 39	18°57'57	7♐ 9	29° 1	10°32	16° 4	25°21	14° 8	15°41	25°47	0°26	4°10	5° 0	29°12	n.a.	M21
T 22	5 15 36	19°58'57	19°23	0♐27	11°47	16°50	25°19	14° 4	15°38	25°46	0°26	4° 9	4°57	29°18	n.a.	T 22
W23	5 19 33	20°59'56	1♑28	1°54	13° 3	17°37	25°17	14° 1	15°36	25°45	0°25	4°D 9	4°54	29°25	n.a.	W23
T 24	5 23 29	22° 0'54	13°25	3°21	14°18	18°24	25°15	13°57	15°33	25°44	0°25	4° 9	4°51	29°32	n.a.	T 24
F 25	5 27 26	23° 1'50	25°16	4°50	15°33	19°11	25°14	13°54	15°30	25°44	0°25	4° 9	4°47	29°38	n.a.	F 25
S 26	5 31 22	24° 2'45	7♒ 4	6°19	16°48	19°57	25°12	13°51	15°28	25°43	0°24	4°10	4°44	29°45	n.a.	S 26
S 27	5 35 19	25° 3'39	18°52	7°49	18° 3	20°44	25°11	13°48	15°25	25°42	0°24	4°12	4°41	29°52	n.a.	S 27
M28	5 39 15	26° 4'30	0♓44	9°19	19°18	21°31	25°10	13°45	15°23	25°41	0°24	4°12	4°38	29°58	n.a.	M28
T 29	5 43 12	27° 5'20	12°44	10°51	20°34	22°17	25°10	13°42	15°20	25°41	0°23	4°13	4°35	0♒ 5	n.a.	T 29
W30	5 47 8	28° 6'09	24°57	12°23	21°49	23° 4	25° 9	13°39	15°17	25°40	0°23	4°R13	4°32	0°12	n.a.	W30
T 31	5 51 5	29♐ 6'55	7♈27	13♐56	23♐ 4	23♑51	25♈ 9	13♉36	15♊15	25♈40	0♍22	4♋13	4♋28	0♒18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s11	14s10	4s30	11s13	2n35	16s15	0n31	25s 4	1s14	9n31	1s 2	15n 3	1s48	23n24	0n15	8n25	1s59	27n22	17n 6	23n45	23n42	22s55			n.a.
W 2	20 24	9 50	4 57	11 34	2 28	16 39	0 29	25 4	1 14	9 29	1 2	15 2	1 48	23 24	0 15	8 25	1 59	27 22	17 6	23 45	23 42	22 55			n.a.
T 3	20 37	4 59	5 11	11 57	2 20	17 3	0 26	25 3	1 14	9 27	1 1	15 1	1 47	23 23	0 15	8 24	1 59	27 23	17 7	23 45	23 42	22 54			n.a.
F 4	20 50	0n14	5 10	12 22	2 13	17 26	0 24	25 2	1 14	9 25	1 1	15 0	1 47	23 23	0 15	8 24	1 59	27 23	17 7	23 45	23 42	22 54			n.a.
S 5	21 3	5 36	4 52	12 48	2 5	17 49	0 22	25 1	1 13	9 23	1 1	14 58	1 47	23 23	0 15	8 23	1 59	27 24	17 8	23 46	23 43	22 53			n.a.
S 6	21 15	10 52	4 16	13 15	1 57	18 11	0 19	24 59	1 13	9 22	1 1	14 57	1 47	23 23	0 15	8 23	1 59	27 24	17 8	23 46	23 43	22 52			n.a.
M 7	21 26	15 43	3 25	13 42	1 48	18 33	0 17	24 58	1 13	9 20	1 0	14 56	1 47	23 23	0 15	8 23	1 59	27 25	17 9	23 46	23 43	22 52			n.a.
T 8	21 37	19 45	2 19	14 10	1 40	18 55	0 14	24 55	1 13	9 19	1 0	14 55	1 47	23 22	0 15	8 22	1 59	27 25	17 10	23 46	23 43	22 51			n.a.
W 9	21 48	22 36	1 3	14 39	1 32	19 16	0 12	24 53	1 13	9 17	1 0	14 54	1 46	23 22	0 15	8 22	1 59	27 25	17 10	23 46	23 43	22 51			n.a.
T 10	21 58	23 55	0n18	15 8	1 23	19 36	0 9	24 50	1 13	9 16	1 0	14 53	1 46	23 22	0 15	8 21	1 59	27 26	17 11	23 46	23 43	22 50			n.a.
F 11	22 8	23 34	1 37	15 38	1 15	19 56	0 7	24 47	1 13	9 15	0 59	14 51	1 46	23 21	0 15	8 21	1 59	27 26	17 11	23 46	23 43	22 50			n.a.
S 12	22 18	21 36	2 50	16 7	1 6	20 15	0 5	24 44	1 12	9 13	0 59	14 50	1 46	23 21	0 15	8 21	1 59	27 27	17 12	23 46	23 44	22 49			n.a.
S 13	22 27	18 17	3 51	16 37	0 58	20 34	0 2	24 40	1 12	9 12	0 59	14 49	1 46	23 21	0 15	8 20	1 58	27 27	17 13	23 46	23 44	22 49			n.a.
M14	22 35	13 57	4 36	17 6	0 49	20 52	0s 0	24 36	1 12	9 11	0 58	14 48	1 46	23 21	0 15	8 20	1 58	27 28	17 13	23 46	23 44	22 48			n.a.
T 15	22 43	8 59	5 5	17 35	0 41	21 9	0 3	24 32	1 12	9 10	0 58	14 47	1 45	23 20	0 15	8 20	1 58	27 29	17 14	23 46	23 44	22 47			n.a.
W16	22 51	3 40	5 15	18 4	0 33	21 26	0 5	24 28	1 12	9 9	0 58	14 46	1 45	23 20	0 15	8 19	1 58	27 29	17 14	23 46	23 44	22 47			n.a.
T 17	22 58	1s43	5 9	18 33	0 25	21 42	0 7	24 23	1 11	9 8	0 58	14 45	1 45	23 20	0 15	8 19	1 58	27 30	17 15	23 46	23 44	22 46			n.a.
F 18	23 5	6 56	4 46	19 1	0 17	21 58	0 10	24 18	1 11	9 7	0 57	14 44	1 45	23 20	0 15	8 19	1 58	27 30	17 16	23 46	23 44	22 46			n.a.
S 19	23 11	11 46	4 10	19 29	0 9	22 13	0 12	24 13	1 11	9 7	0 57	14 43	1 45	23 19	0 15	8 18	1 58	27 31	17 16	23 46	23 44	22 45			n.a.
S 20	23 17	16 1	3 21	19 56	0 1	22 27	0 15	24 7	1 11	9 6	0 57	14 42	1 44	23 19	0 15	8 18	1 58	27 31	17 17	23 46	23 45	22 44			n.a.
M21	23 22	19 30	2 24	20 23	0s 6	22 41	0 17	24 2	1 11	9 5	0 56	14 41	1 44	23 19	0 15	8 18	1 58	27 32	17 17	23 46	23 45	22 44			n.a.
T 22	23 27	22 4	1 21	20 49	0 14	22 54	0 19	23 55	1 10	9 5	0 56	14 41	1 44	23 19	0 15	8 18	1 58	27 33	17 18	23 46	23 45	22 43			n.a.
W23	23 32	23 35	0 15	21 14	0 21	23 6	0 22	23 49	1 10	9 4	0 56	14 40	1 44	23 18	0 15	8 17	1 58	27 33	17 18	23 47	23 45	22 42			n.a.
T 24	23 36	24 0	0s51	21 38	0 28	23 18	0 24	23 42	1 10	9 4	0 56	14 39	1 44	23 18	0 15	8 17	1 58	27 34	17 19	23 47	23 45	22 42			n.a.
F 25	23 39	23 19	1 55	22 2	0 35	23 28	0 26	23 36	1 10	9 4	0 55	14 38	1 43	23 18	0 16	8 17	1 58	27 35	17 20	23 46	23 45	22 41			n.a.
S 26	23 42	21 36	2 53	22 25	0 42	23 39	0 28	23 28	1 9	9 4	0 55	14 37	1 43	23 17	0 16	8 17	1 58	27 35	17 20	23 46	23 45	22 40			n.a.
S 27	23 45	18 57	3 44	22 46	0 48	23 48	0 31	23 21	1 9	9 3	0 55	14 37	1 43	23 17	0 16	8 16	1 58	27 36	17 21	23 46	23 45	22 40			n.a.
M28	23 47	15 31	4 25	23 7	0 55	23 57	0 33	23 13	1 9	9 3	0 54	14 36	1 43	23 17	0 16	8 16	1 58	27 37	17 21	23 46	23 46	22 39			n.a.
T 29	23 48	11 26	4 56	23 27	1 1	24 5	0 35	23 5	1 9	9 3	0 54	14 35	1 42	23 17	0 16	8 16	1 58	27 37	17 22	23 46	23 46	22 38			n.a.
W30	23 50	6 49	5 14	23 45	1 6	24 12	0 37	22 57	1 8	9 4	0 54	14 35	1 42	23 16	0 16	8 16	1 57	27 38	17 22	23 46	23 46	22 38			n.a.
T 31	23s50	1s50	5s17	24s 3	1s12	24s18	0s39	22s49	1s 8	9n 4	0s54	14n34	1s42	23n16	0n16	8n16	1s57	27n39	17n23	23n46	23n46	22s37			n.a.

Julian Day Number = 1269212.5, Delta T = 08h18m47s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'48, Lahiri = -21°02'47 Julian Calendar 1 Dec. 1239 BCE == Greg. Calendar 20 Nov. 1239 BCE

The year -1238 astronomical counting style corresponds to year 1239 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1238 BCE
geocentric

JANUARY 1238 BCE (-1237) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 55 2	0♉ 7'40	20♈19	15♐30	24♐19	24♉37	25°D 9	13°R34	15°R12	25°R39	0°R21	4°R13	4♋25	0♒25	n.a.	F 1
S 2	5 58 58	1° 8'23	3♉36	17° 5	25°34	25°24	25♈ 9	13♉31	15♊10	25♈38	0♍21	4♋13	4°22	0°32	n.a.	S 2
S 3	6 2 55	2° 9'04	17°20	18°40	26°49	26°10	25° 9	13°29	15° 7	25°38	0°20	4°12	4°19	0°38	n.a.	S 3
M 4	6 6 51	3° 9'43	1♊30	20°17	28° 4	26°57	25°10	13°26	15° 5	25°38	0°20	4°12	4°16	0°45	n.a.	M 4
T 5	6 10 48	4°10'21	16° 4	21°54	29°19	27°43	25°10	13°24	15° 3	25°37	0°19	4°D12	4°13	0°51	n.a.	T 5
W 6	6 14 44	5°10'57	0♋58	23°32	0♉34	28°29	25°11	13°22	15° 0	25°37	0°18	4°R12	4° 9	0°58	n.a.	W 6
T 7	6 18 41	6°11'31	16° 3	25°11	1°49	29°16	25°13	13°20	14°58	25°36	0°17	4°12	4° 6	1° 5	n.a.	T 7
F 8	6 22 37	7°12'04	1♌10	26°50	3° 4	0♒ 2	25°14	13°18	14°55	25°36	0°17	4°12	4° 3	1°11	n.a.	F 8
S 9	6 26 34	8°12'35	16°10	28°31	4°19	0°48	25°15	13°16	14°53	25°36	0°16	4°12	4° 0	1°18	n.a.	S 9
S 10	6 30 31	9°13'04	0♍56	0♉12	5°34	1°35	25°17	13°14	14°51	25°36	0°15	4°11	3°57	1°25	n.a.	S 10
M11	6 34 27	10°13'32	15°21	1°55	6°49	2°21	25°19	13°13	14°48	25°35	0°14	4°11	3°53	1°31	n.a.	M11
T 12	6 38 24	11°13'58	29°23	3°38	8° 4	3° 7	25°21	13°11	14°46	25°35	0°13	4°10	3°50	1°38	n.a.	T 12
W13	6 42 20	12°14'23	13♎ 1	5°22	9°19	3°53	25°23	13°10	14°44	25°35	0°12	4°D10	3°47	1°45	n.a.	W13
T 14	6 46 17	13°14'46	26°16	7° 7	10°34	4°39	25°26	13° 9	14°42	25°35	0°11	4°10	3°44	1°51	n.a.	T 14
F 15	6 50 13	14°15'07	9♏10	8°53	11°49	5°25	25°29	13° 7	14°40	25°35	0°10	4°11	3°41	1°58	n.a.	F 15
S 16	6 54 10	15°15'27	21°46	10°40	13° 3	6°11	25°32	13° 6	14°37	25°35	0° 9	4°12	3°38	2° 5	n.a.	S 16
S 17	6 58 6	16°15'46	4♐ 7	12°29	14°18	6°57	25°35	13° 5	14°35	25°D35	0° 8	4°13	3°34	2°11	n.a.	S 17
M18	7 2 3	17°16'03	16°17	14°18	15°33	7°43	25°38	13° 5	14°33	25°35	0° 7	4°14	3°31	2°18	n.a.	M18
T 19	7 6 0	18°16'17	28°19	16° 8	16°48	8°29	25°41	13° 4	14°31	25°35	0° 6	4°R15	3°28	2°25	n.a.	T 19
W20	7 9 56	19°16'30	10♑13	17°59	18° 3	9°15	25°45	13° 3	14°29	25°35	0° 5	4°15	3°25	2°31	n.a.	W20
T 21	7 13 53	20°16'42	22° 4	19°51	19°18	10° 1	25°49	13° 3	14°27	25°35	0° 4	4°14	3°22	2°38	n.a.	T 21
F 22	7 17 49	21°16'51	3♒53	21°43	20°32	10°47	25°53	13° 3	14°25	25°35	0° 2	4°12	3°19	2°45	n.a.	F 22
S 23	7 21 46	22°16'58	15°41	23°37	21°47	11°33	25°57	13° 2	14°23	25°35	0° 1	4°10	3°15	2°51	n.a.	S 23
S 24	7 25 42	23°17'02	27°32	25°31	23° 2	12°18	26° 1	13° 2	14°21	25°36	29♌59	4° 6	3°12	2°58	n.a.	S 24
M25	7 29 39	24°17'05	9♓27	27°27	24°17	13° 4	26° 6	13°D 2	14°19	25°36	29°59	4° 3	3° 9	3° 5	n.a.	M25
T 26	7 33 35	25°17'05	21°30	29°23	25°32	13°50	26°10	13° 2	14°18	25°36	29°57	4° 0	3° 6	3°11	n.a.	T 26
W27	7 37 32	26°17'03	3♈44	1♒19	26°46	14°35	26°15	13° 2	14°16	25°37	29°56	3°57	3° 3	3°18	n.a.	W27
T 28	7 41 29	27°16'59	16°12	3°16	28° 1	15°21	26°20	13° 3	14°14	25°37	29°55	3°56	2°59	3°25	n.a.	T 28
F 29	7 45 25	28°16'52	28°58	5°13	29°16	16° 7	26°26	13° 3	14°13	25°37	29°53	3°D55	2°56	3°31	n.a.	F 29
S 30	7 49 22	29°16'43	12♉ 6	7°10	0♒30	16°52	26°31	13° 4	14°11	25°38	29°52	3°56	2°53	3°38	n.a.	S 30
S 31	7 53 18	0♒16'32	25♉39	9♒ 6	1♒45	17♒38	26♈37	13♉ 4	14♊ 9	25♈38	29♌51	3♋57	2♋50	3♒45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23s50	3n22	5s 5	24s19	1s17	24s24	0s41	22s40	1s 8	9n 4	0s53	14n33	1s42	23n16	0n16	8n16	1s57	27n39	17n23	23n46	23n46	22s36		n.a.	F 1
S 2	23 50	8 35	4 37	24 34	1 23	24 29	0 43	22 31	1 7	9 4	0 53	14 33	1 41	23 15	0 16	8 15	1 57	27 40	17 24	23 46	23 46	22 36		n.a.	S 2
S 3	23 49	13 35	3 52	24 48	1 27	24 33	0 45	22 22	1 7	9 5	0 53	14 32	1 41	23 15	0 16	8 15	1 57	27 41	17 25	23 46	23 46	22 35		n.a.	S 3
M 4	23 48	18 0	2 52	25 0	1 32	24 37	0 47	22 13	1 7	9 5	0 52	14 32	1 41	23 15	0 16	8 15	1 57	27 42	17 25	23 46	23 46	22 34		n.a.	M 4
T 5	23 46	21 27	1 39	25 11	1 36	24 40	0 49	22 3	1 6	9 6	0 52	14 32	1 41	23 15	0 16	8 15	1 57	27 42	17 26	23 46	23 46	22 33		n.a.	T 5
W 6	23 44	23 32	0 18	25 21	1 40	24 41	0 51	21 53	1 6	9 6	0 52	14 31	1 40	23 14	0 16	8 15	1 57	27 43	17 26	23 46	23 46	22 33		n.a.	W 6
T 7	23 42	23 56	1n 5	25 29	1 44	24 43	0 53	21 43	1 6	9 7	0 52	14 31	1 40	23 14	0 16	8 15	1 57	27 44	17 27	23 46	23 47	22 32		n.a.	T 7
F 8	23 38	22 35	2 24	25 35	1 47	24 43	0 55	21 33	1 5	9 8	0 51	14 30	1 40	23 14	0 16	8 15	1 57	27 45	17 27	23 46	23 47	22 31		n.a.	F 8
S 9	23 35	19 38	3 33	25 40	1 50	24 43	0 56	21 22	1 5	9 9	0 51	14 30	1 40	23 14	0 16	8 15	1 57	27 45	17 28	23 46	23 47	22 31		n.a.	S 9
S 10	23 31	15 27	4 26	25 43	1 53	24 41	0 58	21 12	1 5	9 9	0 51	14 30	1 39	23 13	0 16	8 15	1 57	27 46	17 28	23 46	23 47	22 30		n.a.	S 10
M11	23 26	10 28	5 1	25 45	1 55	24 40	1 0	21 1	1 4	9 10	0 50	14 30	1 39	23 13	0 16	8 15	1 57	27 47	17 29	23 46	23 47	22 29		n.a.	M11
T 12	23 21	5 4	5 17	25 44	1 57	24 37	1 2	20 50	1 4	9 11	0 50	14 29	1 39	23 13	0 16	8 15	1 57	27 48	17 29	23 46	23 47	22 28		n.a.	T 12
W13	23 16	0s25	5 14	25 42	1 58	24 33	1 3	20 38	1 4	9 13	0 50	14 29	1 39	23 13	0 16	8 15	1 56	27 48	17 30	23 46	23 47	22 27		n.a.	W13
T 14	23 10	5 44	4 54	25 38	2 0	24 29	1 5	20 27	1 3	9 14	0 50	14 29	1 38	23 12	0 16	8 15	1 56	27 49	17 30	23 46	23 47	22 27		n.a.	T 14
F 15	23 4	10 41	4 21	25 32	2 0	24 24	1 6	20 15	1 3	9 15	0 49	14 29	1 38	23 12	0 16	8 15	1 56	27 50	17 30	23 46	23 47	22 26		n.a.	F 15
S 16	22 57	15 4	3 35	25 24	2 0	24 19	1 8	20 3	1 3	9 16	0 49	14 29	1 38	23 12	0 16	8 15	1 56	27 51	17 31	23 46	23 47	22 25		n.a.	S 16
S 17	22 50	18 43	2 40	25 14	2 0	24 12	1 9	19 51	1 2	9 18	0 49	14 29	1 38	23 12	0 16	8 15	1 56	27 52	17 31	23 46	23 48	22 24		n.a.	S 17
M18	22 42	21 30	1 38	25 2	2 0	24 5	1 10	19 38	1 2	9 19	0 48	14 29	1 37	23 11	0 16	8 15	1 56	27 53	17 32	23 46	23 48	22 24		n.a.	M18
T 19	22 34	23 17	0 33	24 48	1 58	23 57	1 12	19 26	1 1	9 21	0 48	14 29	1 37	23 11	0 16	8 15	1 56	27 53	17 32	23 46	23 48	22 23		n.a.	T 19
W20	22 26	23 59	0s33	24 32	1 57	23 48	1 13	19 13	1 1	9 22	0 48	14 29	1 37	23 11	0 16	8 15	1 56	27 54	17 33	23 46	23 48	22 22		n.a.	W20
T 21	22 17	23 36	1 37	24 14	1 54	23 39	1 14	19 0	1 1	9 24	0 48	14 29	1 37	23 11	0 16	8 15	1 56	27 55	17 33	23 46	23 48	22 21		n.a.	T 21
F 22	22 8	22 9	2 37	23 53	1 52	23 29	1 15	18 47	1 0	9 26	0 47	14 29	1 36	23 10	0 16	8 16	1 56	27 56	17 33	23 46	23 48	22 20		n.a.	F 22
S 23	21 58	19 44	3 30	23 31	1 48	23 18	1 16	18 34	1 0	9 27	0 47	14 29	1 36	23 10	0 16	8 16	1 56	27 57	17 34	23 46	23 48	22 19		n.a.	S 23
S 24	21 48	16 29	4 13	23 6	1 44	23 6	1 17	18 20	0 59	9 29	0 47	14 30	1 36	23 10	0 16	8 16	1 56	27 57	17 34	23 47	23 48	22 19		n.a.	S 24
M25	21 37	12 34	4 47	22 39	1 40	22 54	1 18	18 7	0 59	9 31	0 47	14 30	1 36	23 10	0 16	8 16	1 56	27 58	17 35	23 47	23 48	22 18		n.a.	M25
T 26	21 26	8 7	5 8	22 10	1 34	22 41	1 19	17 53	0 59	9 33	0 46	14 30	1 35	23 10	0 16	8 16	1 56	27 59	17 35	23 47	23 48	22 17		n.a.	T 26
W27	21 15	3 18	5 15	21 38	1 29	22 28	1 20	17 39	0 58	9 35	0 46	14 30	1 35	23 9	0 16	8 16	1 55	28 0	17 35	23 47	23 48	22 16		n.a.	W27
T 28	21 3	1n45	5 8	21 5	1 22	22 13	1 21	17 25	0 58	9 37	0 46	14 31	1 35	23 9	0 16	8 17	1 55	28 1	17 36	23 47	23 48	22 15		n.a.	T 28
F 29	20 51	6 51	4 46	20 30	1 15	21 58	1 21	17 11	0 57	9 39	0 46	14 31	1 35	23 9	0 16	8 17	1 55	28 2	17 36	23 47	23 48	22 14		n.a.	F 29
S 30	20 39	11 48	4 8	19 52	1 7	21 43	1 22	16 57	0 57	9 42	0 45	14 31	1 34	23 9	0 16	8 17	1 55	28 2	17 36	23 47	23 49	22 14		n.a.	S 30
S 31	20s26	16n20	3s15	19s13	0s59	21s27	1s23	16s42	0s56	9n44	0s45	14n32	1s34	23n 9	0n16	8n17	1s55	28n 3	17n37	23n47	23n49	22s13		n.a.	S 31

Julian Day Number = 1269243.5, Delta T = 08h18m46s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'43, Lahiri = -21°02'43 Julian Calendar 1 Jan. 1238 BCE == Greg. Calendar 21 Dec. 1239 BCE

The year -1237 astronomical counting style corresponds to year 1238 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1238 BCE
geocentric

FEBRUARY 1238 BCE (-1237) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 57 15	1♒16'18	9♊39	11♒ 3	3♒ 0	18♒23	26♈42	13♉ 5	14°R 8	25♈39	29°R49	3♋59	2♋47	3♒51	n.a.	M 1
T 2	8 1 11	2°16'02	24° 5	12°58	4°14	19° 8	26°48	13° 6	14♊ 6	25°39	29♏48	4° 0	2°44	3°58	n.a.	T 2
W 3	8 5 8	3°15'44	8♋54	14°53	5°29	19°54	26°54	13° 7	14° 5	25°40	29°46	4°R 0	2°40	4° 5	n.a.	W 3
T 4	8 9 4	4°15'23	24° 1	16°46	6°43	20°39	27° 0	13° 8	14° 3	25°41	29°45	3°59	2°37	4°11	n.a.	T 4
F 5	8 13 1	5°15'00	9♌17	18°37	7°58	21°24	27° 7	13° 9	14° 2	25°41	29°43	3°56	2°34	4°18	n.a.	F 5
S 6	8 16 58	6°14'35	24°32	20°26	9°13	22° 9	27°13	13°11	14° 1	25°42	29°42	3°52	2°31	4°25	n.a.	S 6
S 7	8 20 54	7°14'07	9♍35	22°12	10°27	22°54	27°20	13°12	13°59	25°43	29°40	3°47	2°28	4°31	n.a.	S 7
M 8	8 24 51	8°13'38	24°18	23°54	11°42	23°39	27°27	13°14	13°58	25°43	29°39	3°42	2°25	4°38	n.a.	M 8
T 9	8 28 47	9°13'07	8♎34	25°33	12°56	24°24	27°34	13°15	13°57	25°44	29°37	3°38	2°21	4°45	n.a.	T 9
W10	8 32 44	10°12'34	22°22	27° 8	14°11	25° 9	27°41	13°17	13°56	25°45	29°36	3°35	2°18	4°51	n.a.	W10
T 11	8 36 40	11°11'59	5♏42	28°38	15°25	25°54	27°48	13°19	13°55	25°46	29°34	3°D34	2°15	4°58	n.a.	T 11
F 12	8 40 37	12°11'22	18°36	0♐ 4	16°39	26°39	27°55	13°21	13°54	25°47	29°33	3°34	2°12	5° 5	n.a.	F 12
S 13	8 44 33	13°10'43	1♑ 8	1°23	17°54	27°24	28° 3	13°23	13°53	25°47	29°31	3°35	2° 9	5°11	n.a.	S 13
S 14	8 48 30	14°10'02	13°22	2°37	19° 8	28° 9	28°11	13°25	13°52	25°48	29°30	3°36	2° 5	5°18	n.a.	S 14
M15	8 52 26	15° 9'20	25°24	3°45	20°23	28°54	28°19	13°28	13°51	25°49	29°28	3°38	2° 2	5°25	n.a.	M15
T 16	8 56 23	16° 8'35	7♒17	4°46	21°37	29°38	28°26	13°30	13°50	25°50	29°26	3°R38	1°59	5°31	n.a.	T 16
W17	9 0 20	17° 7'48	19° 6	5°41	22°51	0♓23	28°35	13°32	13°49	25°51	29°25	3°37	1°56	5°38	n.a.	W17
T 18	9 4 16	18° 7'00	0♒53	6°28	24° 6	1° 8	28°43	13°35	13°49	25°52	29°23	3°33	1°53	5°45	n.a.	T 18
F 19	9 8 13	19° 6'09	12°42	7° 8	25°20	1°52	28°51	13°38	13°48	25°53	29°21	3°27	1°50	5°51	n.a.	F 19
S 20	9 12 9	20° 5'16	24°34	7°42	26°34	2°37	29° 0	13°41	13°47	25°55	29°20	3°20	1°46	5°58	n.a.	S 20
S 21	9 16 6	21° 4'20	6♓30	8° 7	27°49	3°21	29° 8	13°44	13°47	25°56	29°18	3°11	1°43	6° 5	n.a.	S 21
M22	9 20 2	22° 3'23	18°34	8°26	29° 3	4° 6	29°17	13°47	13°46	25°57	29°17	3° 1	1°40	6°11	n.a.	M22
T 23	9 23 59	23° 2'23	0♈45	8°37	0♓17	4°50	29°26	13°50	13°46	25°58	29°15	2°52	1°37	6°18	n.a.	T 23
W24	9 27 55	24° 1'21	13° 6	8°R41	1°32	5°34	29°35	13°53	13°45	25°59	29°13	2°44	1°34	6°25	n.a.	W24
T 25	9 31 52	25° 0'16	25°39	8°38	2°46	6°19	29°44	13°56	13°45	26° 1	29°12	2°38	1°30	6°32	n.a.	T 25
F 26	9 35 48	25°59'09	8♉26	8°29	4° 0	7° 3	29°53	14° 0	13°45	26° 2	29°10	2°35	1°27	6°38	n.a.	F 26
S 27	9 39 45	26°58'00	21°31	8°13	5°14	7°47	0♉ 2	14° 3	13°44	26° 3	29° 8	2°D33	1°24	6°45	n.a.	S 27
S 28	9 43 42	27♒56'48	4♊56	7♓51	6♓28	8♓31	0♉12	14♉ 7	13♊44	26♈ 5	29♏ 7	2♋33	1♋21	6♒52	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s13	20n 8	2s10	18s33	0s50	21s10	1s23	16s27	0s56	9n46	0s45	14n32	1s34	23n 8	0n16	8n18	1s55	28n 4	17n37	23n47	23n49	22s12		n.a.
T 2	19 59	22 48	0 54	17 50	0 40	20 53	1 24	16 13	0 55	9 49	0 45	14 33	1 33	23 8	0 16	8 18	1 55	28 5	17 37	23 47	23 49	22 11		n.a.
W 3	19 45	23 59	0n27	17 7	0 30	20 34	1 24	15 58	0 55	9 51	0 44	14 34	1 33	23 8	0 16	8 18	1 55	28 6	17 38	23 47	23 49	22 10		n.a.
T 4	19 31	23 26	1 48	16 22	0 19	20 16	1 24	15 43	0 55	9 54	0 44	14 34	1 33	23 8	0 16	8 18	1 55	28 6	17 38	23 47	23 49	22 9		n.a.
F 5	19 16	21 8	3 1	15 37	0 7	19 57	1 25	15 27	0 54	9 56	0 44	14 35	1 33	23 8	0 16	8 19	1 55	28 7	17 38	23 47	23 49	22 8		n.a.
S 6	19 2	17 21	4 2	14 51	0n 5	19 37	1 25	15 12	0 54	9 59	0 44	14 35	1 32	23 7	0 16	8 19	1 55	28 8	17 39	23 47	23 49	22 7		n.a.
S 7	18 46	12 29	4 45	14 5	0 17	19 17	1 25	14 57	0 53	10 1	0 43	14 36	1 32	23 7	0 16	8 19	1 55	28 9	17 39	23 47	23 49	22 6		n.a.
M 8	18 31	7 0	5 8	13 18	0 30	18 56	1 25	14 41	0 53	10 4	0 43	14 37	1 32	23 7	0 16	8 20	1 55	28 10	17 39	23 47	23 49	22 5		n.a.
T 9	18 15	1 18	5 11	12 33	0 43	18 34	1 25	14 25	0 52	10 7	0 43	14 38	1 32	23 7	0 16	8 20	1 55	28 11	17 39	23 47	23 49	22 4		n.a.
W10	17 59	4s17	4 56	11 47	0 56	18 13	1 25	14 10	0 52	10 10	0 43	14 38	1 31	23 7	0 16	8 20	1 55	28 11	17 40	23 48	23 49	22 4		n.a.
T 11	17 42	9 29	4 25	11 3	1 10	17 50	1 25	13 54	0 51	10 13	0 42	14 39	1 31	23 7	0 16	8 21	1 54	28 12	17 40	23 48	23 49	22 3		n.a.
F 12	17 26	14 7	3 41	10 21	1 23	17 27	1 25	13 38	0 51	10 16	0 42	14 40	1 31	23 7	0 16	8 21	1 54	28 13	17 40	23 48	23 49	22 2		n.a.
S 13	17 9	18 0	2 48	9 40	1 36	17 4	1 25	13 22	0 50	10 18	0 42	14 41	1 31	23 6	0 16	8 21	1 54	28 14	17 40	23 48	23 49	22 1		n.a.
S 14	16 51	21 0	1 48	9 1	1 50	16 40	1 25	13 5	0 50	10 21	0 42	14 42	1 30	23 6	0 16	8 22	1 54	28 14	17 40	23 47	23 49	22 0		n.a.
M15	16 34	23 1	0 45	8 24	2 3	16 16	1 24	12 49	0 49	10 24	0 41	14 43	1 30	23 6	0 16	8 22	1 54	28 15	17 41	23 47	23 50	21 59		n.a.
T 16	16 16	23 58	0s20	7 50	2 15	15 51	1 24	12 33	0 49	10 28	0 41	14 44	1 30	23 6	0 16	8 23	1 54	28 16	17 41	23 47	23 50	21 58		n.a.
W17	15 58	23 49	1 23	7 19	2 27	15 26	1 23	12 16	0 48	10 31	0 41	14 45	1 30	23 6	0 16	8 23	1 54	28 17	17 41	23 47	23 50	21 57		n.a.
T 18	15 39	22 36	2 22	6 50	2 39	15 1	1 23	12 0	0 48	10 34	0 41	14 46	1 29	23 6	0 16	8 24	1 54	28 18	17 41	23 48	23 50	21 56		n.a.
F 19	15 21	20 24	3 15	6 25	2 49	14 35	1 22	11 43	0 47	10 37	0 40	14 47	1 29	23 6	0 16	8 24	1 54	28 18	17 41	23 48	23 50	21 55		n.a.
S 20	15 2	17 19	4 0	6 4	2 59	14 8	1 22	11 26	0 47	10 40	0 40	14 48	1 29	23 6	0 16	8 25	1 54	28 19	17 41	23 48	23 50	21 54		n.a.
S 21	14 43	13 31	4 35	5 46	3 8	13 42	1 21	11 10	0 46	10 44	0 40	14 49	1 29	23 6	0 16	8 25	1 54	28 20	17 41	23 48	23 50	21 53		n.a.
M22	14 23	9 8	4 57	5 31	3 16	13 15	1 20	10 53	0 46	10 47	0 40	14 50	1 28	23 6	0 16	8 26	1 54	28 20	17 42	23 48	23 50	21 52		n.a.
T 23	14 4	4 22	5 6	5 21	3 23	12 47	1 19	10 36	0 45	10 50	0 40	14 51	1 28	23 6	0 16	8 26	1 54	28 21	17 42	23 49	23 50	21 51		n.a.
W24	13 44	0n38	5 2	5 14	3 28	12 20	1 18	10 19	0 45	10 54	0 39	14 52	1 28	23 6	0 16	8 27	1 54	28 22	17 42	23 49	23 50	21 50		n.a.
T 25	13 24	5 42	4 43	5 12	3 32	11 52	1 17	10 2	0 44	10 57	0 39	14 54	1 28	23 6	0 16	8 27	1 54	28 23	17 42	23 49	23 50	21 49		n.a.
F 26	13 4	10 38	4 9	5 13	3 35	11 23	1 16	9 44	0 44	11 1	0 39	14 55	1 27	23 5	0 16	8 28	1 53	28 23	17 42	23 49	23 50	21 48		n.a.
S 27	12 44	15 12	3 22	5 18	3 36	10 55	1 15	9 27	0 43	11 4	0 39	14 56	1 27	23 5	0 16	8 28	1 53	28 24	17 42	23 49	23 50	21 47		n.a.
S 28	12s23	19n 8	2s23	5s26	3n36	10s26	1s14	9s10	0s42	11n 8	0s39	14n58	1s27	23n 5	0n16	8n29	1s53	28n25	17n42	23n49	23n50	21s46		n.a.

Julian Day Number = 1269274.5, Delta T = 08h18m44s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'39, Lahiri = -21°02'39 Julian Calendar 1 Feb. 1238 BCE == Greg. Calendar 21 Jan. 1238 BCE

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ASTRODIENST EPHEMERIS for the year 1238 BCE
geocentric

MARCH 1238 BCE (-1237) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 47 38	28♒55'34	18♊44	7°R23	7♓42	9♓15	0♉21	14♉10	13°R44	26♈ 6	29°R 5	2♋34	1♋18	6♒58	n.a.	M 1
T 2	9 51 35	29°54'18	2♋55	6♓51	8°57	9°59	0°31	14°14	13♊44	26° 7	29♌ 3	2°R34	1°15	7° 5	n.a.	T 2
W 3	9 55 31	0♓52'59	17°29	6°15	10°11	10°43	0°41	14°18	13°D44	26° 9	29° 1	2°34	1°11	7°12	n.a.	W 3
T 4	9 59 28	1°51'38	2♌23	5°35	11°25	11°27	0°51	14°22	13°44	26°10	29° 0	2°31	1° 8	7°18	n.a.	T 4
F 5	10 3 24	2°50'14	17°29	4°53	12°39	12°11	1° 1	14°26	13°44	26°12	28°58	2°25	1° 5	7°25	n.a.	F 5
S 6	10 7 21	3°48'48	2♍40	4° 9	13°53	12°55	1°11	14°30	13°44	26°13	28°56	2°17	1° 2	7°32	n.a.	S 6
S 7	10 11 17	4°47'20	17°44	3°24	15° 7	13°39	1°21	14°35	13°44	26°15	28°55	2° 8	0°59	7°38	n.a.	S 7
M 8	10 15 14	5°45'50	2♎33	2°39	16°21	14°22	1°31	14°39	13°45	26°16	28°53	1°58	0°56	7°45	n.a.	M 8
T 9	10 19 11	6°44'19	16°57	1°55	17°35	15° 6	1°42	14°43	13°45	26°18	28°51	1°50	0°52	7°52	n.a.	T 9
W10	10 23 7	7°42'45	0♏54	1°13	18°49	15°50	1°52	14°48	13°45	26°19	28°50	1°43	0°49	7°58	n.a.	W10
T 11	10 27 4	8°41'10	14°20	0°33	20° 3	16°33	2° 3	14°53	13°46	26°21	28°48	1°38	0°46	8° 5	n.a.	T 11
F 12	10 31 0	9°39'33	27°19	29♒56	21°16	17°17	2°13	14°57	13°46	26°23	28°47	1°35	0°43	8°12	n.a.	F 12
S 13	10 34 57	10°37'54	9♐53	29°22	22°30	18° 0	2°24	15° 2	13°47	26°24	28°45	1°D34	0°40	8°18	n.a.	S 13
S 14	10 38 53	11°36'14	22° 8	28°52	23°44	18°44	2°35	15° 7	13°47	26°26	28°43	1°35	0°36	8°25	n.a.	S 14
M15	10 42 50	12°34'32	4♑ 8	28°27	24°58	19°27	2°46	15°12	13°48	26°28	28°42	1°R35	0°33	8°32	n.a.	M15
T 16	10 46 46	13°32'48	16° 0	28° 6	26°12	20°10	2°57	15°17	13°48	26°29	28°40	1°34	0°30	8°38	n.a.	T 16
W17	10 50 43	14°31'02	27°47	27°50	27°26	20°53	3° 8	15°22	13°49	26°31	28°38	1°31	0°27	8°45	n.a.	W17
T 18	10 54 39	15°29'15	9♒35	27°38	28°39	21°37	3°19	15°27	13°50	26°33	28°37	1°25	0°24	8°52	n.a.	T 18
F 19	10 58 36	16°27'26	21°26	27°32	29°53	22°20	3°30	15°32	13°51	26°35	28°35	1°17	0°21	8°58	n.a.	F 19
S 20	11 2 33	17°25'35	3♓23	27°D30	1♈ 7	23° 3	3°42	15°38	13°51	26°37	28°34	1° 6	0°17	9° 5	n.a.	S 20
S 21	11 6 29	18°23'43	15°29	27°34	2°21	23°46	3°53	15°43	13°52	26°38	28°32	0°54	0°14	9°12	n.a.	S 21
M22	11 10 26	19°21'49	27°44	27°42	3°34	24°29	4° 5	15°48	13°53	26°40	28°31	0°40	0°11	9°18	n.a.	M22
T 23	11 14 22	20°19'52	10♈ 8	27°56	4°48	25°12	4°16	15°54	13°54	26°42	28°29	0°27	0° 8	9°25	n.a.	T 23
W24	11 18 19	21°17'54	22°44	28°13	6° 2	25°55	4°28	15°59	13°55	26°44	28°28	0°16	0° 5	9°32	n.a.	W24
T 25	11 22 15	22°15'54	5♉30	28°36	7°15	26°38	4°39	16° 5	13°57	26°46	28°26	0° 6	0° 1	9°38	n.a.	T 25
F 26	11 26 12	23°13'52	18°28	29° 2	8°29	27°21	4°51	16°11	13°58	26°48	28°25	0° 0	29♊58	9°45	n.a.	F 26
S 27	11 30 8	24°11'48	1♊39	29°33	9°42	28° 3	5° 3	16°17	13°59	26°50	28°23	29♊56	29°55	9°52	n.a.	S 27
S 28	11 34 5	25° 9'43	15° 6	0♓ 8	10°56	28°46	5°15	16°23	14° 0	26°52	28°22	29°55	29°52	9°58	n.a.	S 28
M29	11 38 1	26° 7'35	28°48	0°47	12°10	29°29	5°27	16°28	14° 2	26°54	28°20	29°55	29°49	10° 5	n.a.	M29
T 30	11 41 58	27° 5'25	12♋49	1°29	13°23	0♈11	5°39	16°35	14° 3	26°56	28°19	29°55	29°46	10°12	n.a.	T 30
W31	11 45 55	28♓ 3'14	27♋ 7	2♓16	14♈37	0♈54	5♉51	16♉41	14♊ 4	26♈58	28♌17	29♊53	29♊42	10♒18	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12s 3	22n 8	1s14	5s38	3n34	9s57	1s13	8s53	0s42	11n11	0s38	14n59	1s27	23n 5	0n16	8n29	1s53	28n25	17n42	23n49	23n50	21s45		n.a.
T 2	11 42	23 50	0n 2	5 54	3 30	9 27	1 12	8 35	0 41	11 15	0 38	15 0	1 26	23 5	0 16	8 30	1 53	28 26	17 42	23 49	23 50	21 44		n.a.
W 3	11 21	23 59	1 19	6 12	3 25	8 58	1 10	8 18	0 41	11 19	0 38	15 2	1 26	23 5	0 16	8 30	1 53	28 27	17 42	23 49	23 50	21 43		n.a.
T 4	10 59	22 26	2 32	6 33	3 18	8 28	1 9	8 0	0 40	11 22	0 38	15 3	1 26	23 5	0 16	8 31	1 53	28 27	17 42	23 49	23 50	21 41		n.a.
F 5	10 38	19 16	3 36	6 57	3 9	7 58	1 8	7 43	0 40	11 26	0 38	15 5	1 26	23 5	0 16	8 32	1 53	28 28	17 42	23 49	23 50	21 40		n.a.
S 6	10 16	14 48	4 25	7 22	2 59	7 27	1 6	7 25	0 39	11 30	0 37	15 6	1 26	23 5	0 16	8 32	1 53	28 28	17 42	23 49	23 50	21 39		n.a.
S 7	9 55	9 26	4 54	7 49	2 48	6 57	1 5	7 8	0 39	11 34	0 37	15 7	1 25	23 5	0 16	8 33	1 53	28 29	17 42	23 49	23 50	21 38		n.a.
M 8	9 33	3 36	5 4	8 17	2 36	6 26	1 3	6 50	0 38	11 37	0 37	15 9	1 25	23 5	0 16	8 33	1 53	28 30	17 42	23 50	23 50	21 37		n.a.
T 9	9 11	2s16	4 53	8 45	2 22	5 56	1 1	6 32	0 38	11 41	0 37	15 10	1 25	23 5	0 16	8 34	1 53	28 30	17 42	23 50	23 50	21 36		n.a.
W10	8 49	7 50	4 26	9 14	2 8	5 25	1 0	6 15	0 37	11 45	0 37	15 12	1 25	23 5	0 16	8 35	1 53	28 31	17 42	23 50	23 50	21 35		n.a.
T 11	8 27	12 51	3 44	9 42	1 53	4 54	0 58	5 57	0 36	11 49	0 36	15 14	1 24	23 6	0 16	8 35	1 53	28 31	17 42	23 50	23 50	21 34		n.a.
F 12	8 5	17 6	2 52	10 10	1 37	4 22	0 56	5 39	0 36	11 53	0 36	15 15	1 24	23 6	0 16	8 36	1 53	28 32	17 42	23 50	23 50	21 33		n.a.
S 13	7 42	20 27	1 53	10 37	1 21	3 51	0 54	5 22	0 35	11 57	0 36	15 17	1 24	23 6	0 16	8 37	1 53	28 32	17 42	23 50	23 50	21 32		n.a.
S 14	7 20	22 46	0 50	11 3	1 5	3 20	0 52	5 4	0 35	12 1	0 36	15 18	1 24	23 6	0 16	8 37	1 53	28 33	17 42	23 50	23 50	21 31		n.a.
M15	6 57	24 0	0s14	11 27	0 49	2 48	0 51	4 46	0 34	12 5	0 36	15 20	1 24	23 6	0 16	8 38	1 53	28 33	17 41	23 50	23 50	21 29		n.a.
T 16	6 34	24 7	1 16	11 49	0 33	2 17	0 49	4 28	0 34	12 9	0 35	15 22	1 23	23 6	0 16	8 39	1 52	28 34	17 41	23 50	23 50	21 28		n.a.
W17	6 12	23 9	2 14	12 10	0 17	1 45	0 47	4 10	0 33	12 13	0 35	15 23	1 23	23 6	0 16	8 39	1 52	28 34	17 41	23 50	23 50	21 27		n.a.
T 18	5 49	21 9	3 7	12 28	0 2	1 13	0 45	3 53	0 32	12 17	0 35	15 25	1 23	23 6	0 16	8 40	1 52	28 35	17 41	23 50	23 50	21 26		n.a.
F 19	5 26	18 15	3 52	12 44	0s13	0 42	0 43	3 35	0 32	12 21	0 35	15 27	1 23	23 6	0 15	8 41	1 52	28 35	17 41	23 50	23 50	21 25		n.a.
S 20	5 3	14 34	4 27	12 58	0 28	0 10	0 40	3 17	0 31	12 25	0 35	15 29	1 23	23 6	0 15	8 41	1 52	28 36	17 41	23 50	23 50	21 24		n.a.
S 21	4 40	10 15	4 50	13 10	0 42	0n22	0 38	2 59	0 31	12 29	0 35	15 30	1 22	23 6	0 15	8 42	1 52	28 36	17 41	23 50	23 50	21 22		n.a.
M22	4 17	5 29	5 0	13 20	0 55	0 54	0 36	2 41	0 30	12 33	0 34	15 32	1 22	23 6	0 15	8 43	1 52	28 37	17 40	23 50	23 50	21 21		n.a.
T 23	3 54	0 27	4 56	13 27	1 8	1 25	0 34	2 23	0 30	12 37	0 34	15 34	1 22	23 7	0 15	8 44	1 52	28 37	17 40	23 50	23 51	21 20		n.a.
W24	3 30	4n41	4 38	13 32	1 20	1 57	0 32	2 6	0 29	12 41	0 34	15 36	1 22	23 7	0 15	8 44	1 52	28 37	17 40	23 50	23 51	21 19		n.a.
T 25	3 7	9 43	4 6	13 35	1 31	2 29	0 29	1 48	0 28	12 45	0 34	15 38	1 22	23 7	0 15	8 45	1 52	28 38	17 40	23 51	23 51	21 18		n.a.
F 26	2 44	14 24	3 20	13 35	1 41	3 0	0 27	1 30	0 28	12 50	0 34	15 40	1 21	23 7	0 15	8 46	1 52	28 38	17 40	23 51	23 51	21 17		n.a.
S 27	2 21	18 30	2 23	13 33	1 51	3 32	0 25	1 12	0 27	12 54	0 34	15 41	1 21	23 7	0 15	8 46	1 52	28 38	17 39	23 51	23 51	21 15		n.a.
S 28	1 57	21 42	1 18	13 29	2 0	4 3	0 22	0 54	0 27	12 58	0 33	15 43	1 21	23 7	0 15	8 47	1 52	28 39	17 39	23 51	23 51	21 14		n.a.
M29	1 34	23 44	0 6	13 23	2 9	4 35	0 20	0 37	0 26	13 2	0 33	15 45	1 21	23 7	0 15	8 48	1 52	28 39	17 39	23 51	23 50	21 13		n.a.
T 30	1 11	24 20	1n 8	13 14	2 16	5 6	0 17	0 19	0 26	13 6	0 33	15 47	1 21	23 8	0 15	8 49	1 52	28 39	17 39	23 51	23 50	21 12		n.a.
W31	0s47	23n21	2n18	13s 4	2s23	5n37	0s15	0s 1	0s25	13n11	0s33	15n49	1s20	23n 8	0n15	8n49	1s52	28n40	17n38	23n51	23n50	21s11		n.a.

Julian Day Number = 1269302.5, Delta T = 08h18m42s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'35, Lahiri = -21°02'35 Julian Calendar 1 March 1238 BCE == Greg. Calendar 18 Feb. 1238 BCE

The year -1237 astronomical counting style corresponds to year 1238 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1238 BCE
geocentric

APRIL 1238 BCE (-1237) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 49 51	29♓ 1'00	11♌41	3♓ 5	15♈50	1♈36	6♉ 3	16♉47	14♊ 6	27♈ 0	28°R16	29°R49	29♊39	10♒25	n.a.	T 1
F 2	11 53 48	29°58'45	26°28	3°58	17° 3	2°19	6°16	16°53	14° 7	27° 2	28♌15	29♊43	29°36	10°32	n.a.	F 2
S 3	11 57 44	0♈56'28	11♍19	4°54	18°17	3° 1	6°28	16°59	14° 9	27° 4	28°13	29°34	29°33	10°38	n.a.	S 3
S 4	12 1 41	1°54'09	26° 8	5°54	19°30	3°44	6°40	17° 5	14°11	27° 6	28°12	29°23	29°30	10°45	n.a.	S 4
M 5	12 5 37	2°51'48	10♎46	6°56	20°43	4°26	6°53	17°12	14°12	27° 8	28°11	29°12	29°27	10°52	n.a.	M 5
T 6	12 9 34	3°49'26	25° 4	8° 1	21°57	5° 8	7° 5	17°18	14°14	27°10	28° 9	29° 1	29°23	10°59	n.a.	T 6
W 7	12 13 30	4°47'03	8♏59	9° 9	23°10	5°50	7°18	17°25	14°16	27°12	28° 8	28°52	29°20	11° 5	n.a.	W 7
T 8	12 17 27	5°44'39	22°26	10°20	24°23	6°33	7°30	17°31	14°18	27°14	28° 7	28°46	29°17	11°12	n.a.	T 8
F 9	12 21 24	6°42'13	5♐27	11°34	25°37	7°15	7°43	17°38	14°19	27°16	28° 6	28°42	29°14	11°19	n.a.	F 9
S 10	12 25 20	7°39'47	18° 5	12°50	26°50	7°57	7°55	17°44	14°21	27°18	28° 4	28°40	29°11	11°25	n.a.	S 10
S 11	12 29 17	8°37'19	0♑22	14° 8	28° 3	8°39	8° 8	17°51	14°23	27°21	28° 3	28°D40	29° 7	11°32	n.a.	S 11
M12	12 33 13	9°34'50	12°24	15°30	29°16	9°21	8°21	17°58	14°25	27°23	28° 2	28°R40	29° 4	11°39	n.a.	M12
T 13	12 37 10	10°32'20	24°17	16°53	0♉29	10° 3	8°34	18° 5	14°27	27°25	28° 1	28°39	29° 1	11°45	n.a.	T 13
W14	12 41 6	11°29'50	6♒ 6	18°19	1°42	10°45	8°46	18°11	14°29	27°27	28° 0	28°37	28°58	11°52	n.a.	W14
T 15	12 45 3	12°27'18	17°56	19°48	2°56	11°26	8°59	18°18	14°31	27°29	27°59	28°32	28°55	11°59	n.a.	T 15
F 16	12 48 59	13°24'45	29°52	21°19	4° 9	12° 8	9°12	18°25	14°34	27°31	27°58	28°25	28°52	12° 5	n.a.	F 16
S 17	12 52 56	14°22'11	11♓55	22°52	5°22	12°50	9°25	18°32	14°36	27°34	27°57	28°15	28°48	12°12	n.a.	S 17
S 18	12 56 53	15°19'36	24°10	24°28	6°35	13°32	9°38	18°39	14°38	27°36	27°56	28° 3	28°45	12°19	n.a.	S 18
M19	13 0 49	16°17'00	6♈38	26° 6	7°48	14°13	9°51	18°46	14°40	27°38	27°55	27°51	28°42	12°25	n.a.	M19
T 20	13 4 46	17°14'23	19°18	27°46	9° 1	14°55	10° 4	18°53	14°43	27°40	27°54	27°39	28°39	12°32	n.a.	T 20
W21	13 8 42	18°11'45	2♉12	29°29	10°14	15°36	10°17	19° 0	14°45	27°42	27°53	27°28	28°36	12°39	n.a.	W21
T 22	13 12 39	19° 9'06	15°18	1♈14	11°27	16°18	10°31	19° 8	14°47	27°45	27°52	27°20	28°33	12°45	n.a.	T 22
F 23	13 16 35	20° 6'26	28°35	3° 1	12°40	16°59	10°44	19°15	14°50	27°47	27°51	27°14	28°29	12°52	n.a.	F 23
S 24	13 20 32	21° 3'45	12♊ 3	4°51	13°52	17°41	10°57	19°22	14°52	27°49	27°50	27°11	28°26	12°59	n.a.	S 24
S 25	13 24 28	22° 1'02	25°42	6°43	15° 5	18°22	11°10	19°29	14°55	27°51	27°49	27°D10	28°23	13° 5	n.a.	S 25
M26	13 28 25	22°58'19	9♋31	8°37	16°18	19° 3	11°23	19°37	14°57	27°53	27°48	27°11	28°20	13°12	n.a.	M26
T 27	13 32 22	23°55'34	23°31	10°33	17°31	19°45	11°37	19°44	15° 0	27°56	27°48	27°R11	28°17	13°19	n.a.	T 27
W28	13 36 18	24°52'48	7♌40	12°32	18°44	20°26	11°50	19°51	15° 3	27°58	27°47	27°10	28°13	13°26	n.a.	W28
T 29	13 40 15	25°50'01	21°59	14°32	19°56	21° 7	12° 3	19°59	15° 5	28° 0	27°46	27° 8	28°10	13°32	n.a.	T 29
F 30	13 44 11	26♈47'13	6♍24	16♈35	21♉ 9	21♈48	12♉17	20♉ 6	15♊ 8	28♈ 2	27♌46	27♊ 3	28♊ 7	13♒39	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s24	20n47	3n21	12s51	2s29	6n 8	0s13	0n17	0s24	13n15	0s33	15n51	1s20	23n 8	0n15	8n50	1s52	28n40	17n38	23n50	23n50	21s 9		n.a.
F 2	0 1	16 50	4 12	12 37	2 34	6 39	0 10	0 34	0 24	13 19	0 33	15 53	1 20	23 8	0 15	8 51	1 52	28 40	17 38	23 50	23 50	21 8		n.a.
S 3	0n23	11 49	4 46	12 20	2 39	7 10	0 8	0 52	0 23	13 23	0 32	15 55	1 20	23 8	0 15	8 52	1 52	28 40	17 37	23 50	23 50	21 7		n.a.
S 4	0 46	6 8	5 0	12 1	2 43	7 41	0 5	1 10	0 23	13 28	0 32	15 57	1 20	23 8	0 15	8 53	1 52	28 41	17 37	23 50	23 50	21 6		n.a.
M 5	1 9	0 10	4 54	11 41	2 46	8 11	0 3	1 27	0 22	13 32	0 32	15 59	1 20	23 9	0 15	8 53	1 52	28 41	17 37	23 50	23 50	21 4		n.a.
T 6	1 33	5s41	4 30	11 18	2 49	8 41	0n 0	1 45	0 21	13 36	0 32	16 1	1 19	23 9	0 15	8 54	1 52	28 41	17 36	23 50	23 50	21 3		n.a.
W 7	1 56	11 5	3 51	10 54	2 51	9 11	0 3	2 2	0 21	13 40	0 32	16 3	1 19	23 9	0 15	8 55	1 52	28 41	17 36	23 50	23 50	21 2		n.a.
T 8	2 19	15 48	2 59	10 28	2 52	9 41	0 5	2 20	0 20	13 45	0 32	16 5	1 19	23 9	0 15	8 56	1 52	28 41	17 36	23 50	23 50	21 1		n.a.
F 9	2 42	19 37	2 0	10 0	2 52	10 11	0 8	2 37	0 20	13 49	0 32	16 7	1 19	23 10	0 15	8 57	1 52	28 41	17 35	23 50	23 50	20 59		n.a.
S 10	3 5	22 22	0 56	9 30	2 52	10 40	0 10	2 55	0 19	13 53	0 31	16 9	1 19	23 10	0 15	8 57	1 52	28 42	17 35	23 50	23 50	20 58		n.a.
S 11	3 28	23 59	0s 9	8 58	2 51	11 9	0 13	3 12	0 18	13 58	0 31	16 11	1 19	23 10	0 15	8 58	1 52	28 42	17 35	23 50	23 50	20 57		n.a.
M12	3 51	24 27	1 12	8 25	2 50	11 38	0 15	3 29	0 18	14 2	0 31	16 13	1 18	23 10	0 15	8 59	1 51	28 42	17 34	23 50	23 50	20 55		n.a.
T 13	4 14	23 46	2 11	7 50	2 48	12 7	0 18	3 47	0 17	14 6	0 31	16 15	1 18	23 10	0 15	9 0	1 51	28 42	17 34	23 50	23 50	20 54		n.a.
W14	4 37	22 2	3 5	7 13	2 45	12 35	0 21	4 4	0 17	14 11	0 31	16 17	1 18	23 11	0 15	9 1	1 51	28 42	17 34	23 50	23 50	20 53		n.a.
T 15	5 0	19 21	3 50	6 34	2 42	13 3	0 23	4 21	0 16	14 15	0 31	16 19	1 18	23 11	0 15	9 1	1 51	28 42	17 33	23 50	23 50	20 52		n.a.
F 16	5 23	15 50	4 25	5 54	2 38	13 31	0 26	4 38	0 16	14 19	0 31	16 21	1 18	23 11	0 15	9 2	1 51	28 42	17 33	23 50	23 50	20 50		n.a.
S 17	5 45	11 39	4 49	5 13	2 33	13 58	0 28	4 55	0 15	14 24	0 30	16 23	1 18	23 11	0 15	9 3	1 51	28 42	17 32	23 50	23 50	20 49		n.a.
S 18	6 8	6 56	5 1	4 30	2 28	14 26	0 31	5 12	0 14	14 28	0 30	16 26	1 17	23 12	0 15	9 4	1 51	28 42	17 32	23 50	23 50	20 48		n.a.
M19	6 30	1 52	4 58	3 45	2 22	14 52	0 34	5 29	0 14	14 32	0 30	16 28	1 17	23 12	0 15	9 5	1 51	28 42	17 32	23 49	23 50	20 46		n.a.
T 20	6 53	3n22	4 41	2 59	2 16	15 19	0 36	5 46	0 13	14 36	0 30	16 30	1 17	23 12	0 15	9 5	1 51	28 42	17 31	23 49	23 50	20 45		n.a.
W21	7 15	8 33	4 9	2 11	2 10	15 45	0 39	6 3	0 13	14 41	0 30	16 32	1 17	23 12	0 15	9 6	1 51	28 42	17 31	23 49	23 50	20 44		n.a.
T 22	7 37	13 28	3 23	1 22	2 2	16 10	0 41	6 20	0 12	14 45	0 30	16 34	1 17	23 13	0 15	9 7	1 51	28 42	17 30	23 49	23 50	20 42		n.a.
F 23	7 59	17 49	2 26	0 32	1 55	16 35	0 44	6 37	0 11	14 49	0 30	16 36	1 17	23 13	0 15	9 8	1 51	28 42	17 30	23 49	23 50	20 41		n.a.
S 24	8 21	21 18	1 20	0n20	1 46	17 0	0 46	6 53	0 11	14 54	0 30	16 38	1 17	23 13	0 15	9 9	1 51	28 42	17 29	23 49	23 50	20 39		n.a.
S 25	8 43	23 38	0 8	1 13	1 38	17 24	0 49	7 10	0 10	14 58	0 29	16 40	1 16	23 14	0 15	9 9	1 51	28 42	17 29	23 49	23 50	20 38		n.a.
M26	9 5	24 35	1n 5	2 7	1 29	17 48	0 51	7 26	0 10	15 2	0 29	16 43	1 16	23 14	0 15	9 10	1 51	28 41	17 29	23 49	23 50	20 37		n.a.
T 27	9 26	23 59	2 16	3 2	1 19	18 12	0 53	7 43	0 9	15 7	0 29	16 45	1 16	23 14	0 15	9 11	1 51	28 41	17 28	23 49	23 50	20 35		n.a.
W28	9 47	21 51	3 18	3 58	1 9	18 35	0 56	7 59	0 8	15 11	0 29	16 47	1 16	23 14	0 15	9 12	1 51	28 41	17 28	23 49	23 50	20 34		n.a.
T 29	10 9	18 20	4 10	4 55	0 59	18 57	0 58	8 15	0 8	15 15	0 29	16 49	1 16	23 15	0 15	9 13	1 51	28 41	17 27	23 49	23 50	20 33		n.a.
F 30	10n30	13n43	4n45	5n52	0s49	19n19	1n 0	8n31	0s 7	15n19	0s29	16n51	1s16	23n15	0n15	9n14	1s51	28n41	17n27	23n48	23n50	20s31		n.a.

Julian Day Number = 1269333.5, Delta T = 08h18m41s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'31, Lahiri = -21°02'31 Julian Calendar 1 Apr. 1238 BCE == Greg. Calendar 21 March 1238 BCE

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ASTRODIENST EPHEMERIS for the year 1238 BCE
geocentric

MAY 1238 BCE (-1237) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 48 8	27♈44'24	20♍51	18♈39	22♉22	22♈29	12♉30	20♉14	15♊11	28♈ 5	27°R45	26°R56	28♊ 4	13♒46	n.a.	S 1
S 2	13 52 4	28°41'33	5♎15	20°45	23°34	23°10	12°44	20°21	15°14	28° 7	27♌44	26♊48	28° 1	13°52	n.a.	S 2
M 3	13 56 1	29°38'42	19°29	22°52	24°47	23°51	12°57	20°29	15°16	28° 9	27°44	26°39	27°58	13°59	n.a.	M 3
T 4	13 59 57	0♉35'51	3♏29	25° 1	26° 0	24°32	13°10	20°36	15°19	28°11	27°43	26°30	27°54	14° 6	n.a.	T 4
W 5	14 3 54	1°32'59	17° 9	27°11	27°12	25°13	13°24	20°44	15°22	28°14	27°43	26°23	27°51	14°12	n.a.	W 5
T 6	14 7 51	2°30'06	0♐28	29°21	28°25	25°54	13°37	20°52	15°25	28°16	27°42	26°18	27°48	14°19	n.a.	T 6
F 7	14 11 47	3°27'13	13°24	1♑32	29°37	26°35	13°51	20°59	15°28	28°18	27°42	26°15	27°45	14°26	n.a.	F 7
S 8	14 15 44	4°24'20	26° 0	3°44	0♊50	27°15	14° 4	21° 7	15°31	28°20	27°41	26°D14	27°42	14°32	n.a.	S 8
S 9	14 19 40	5°21'26	8♑17	5°55	2° 2	27°56	14°18	21°14	15°34	28°23	27°41	26°15	27°38	14°39	n.a.	S 9
M10	14 23 37	6°18'33	20°21	8° 6	3°14	28°37	14°32	21°22	15°37	28°25	27°41	26°16	27°35	14°46	n.a.	M10
T 11	14 27 33	7°15'39	2♒16	10°17	4°27	29°18	14°45	21°30	15°40	28°27	27°40	26°R17	27°32	14°52	n.a.	T 11
W12	14 31 30	8°12'45	14° 7	12°27	5°39	29°58	14°59	21°38	15°43	28°29	27°40	26°17	27°29	14°59	n.a.	W12
T 13	14 35 27	9° 9'51	26° 0	14°36	6°52	0♉39	15°12	21°45	15°46	28°31	27°40	26°15	27°26	15° 6	n.a.	T 13
F 14	14 39 23	10° 6'56	7♓58	16°44	8° 4	1°19	15°26	21°53	15°49	28°34	27°40	26°12	27°23	15°13	n.a.	F 14
S 15	14 43 20	11° 4'02	20° 6	18°50	9°16	2° 0	15°39	22° 1	15°52	28°36	27°39	26° 7	27°19	15°19	n.a.	S 15
S 16	14 47 16	12° 1'08	2♈28	20°55	10°28	2°40	15°53	22° 9	15°56	28°38	27°39	26° 0	27°16	15°26	n.a.	S 16
M17	14 51 13	12°58'13	15° 6	22°58	11°40	3°20	16° 7	22°16	15°59	28°40	27°39	25°53	27°13	15°33	n.a.	M17
T 18	14 55 9	13°55'19	28° 1	25° 0	12°53	4° 1	16°20	22°24	16° 2	28°42	27°39	25°46	27°10	15°39	n.a.	T 18
W19	14 59 6	14°52'25	11♉12	26°59	14° 5	4°41	16°34	22°32	16° 5	28°45	27°39	25°39	27° 7	15°46	n.a.	W19
T 20	15 3 2	15°49'30	24°40	28°57	15°17	5°21	16°47	22°40	16° 9	28°47	27°D39	25°34	27° 4	15°53	n.a.	T 20
F 21	15 6 59	16°46'36	8♊21	0♊53	16°29	6° 2	17° 1	22°48	16°12	28°49	27°39	25°31	27° 0	15°59	n.a.	F 21
S 22	15 10 56	17°43'41	22°13	2°47	17°41	6°42	17°15	22°56	16°15	28°51	27°39	25°D30	26°57	16° 6	n.a.	S 22
S 23	15 14 52	18°40'46	6♋13	4°38	18°53	7°22	17°28	23° 3	16°19	28°53	27°39	25°30	26°54	16°13	n.a.	S 23
M24	15 18 49	19°37'51	20°20	6°28	20° 5	8° 2	17°42	23°11	16°22	28°55	27°39	25°32	26°51	16°19	n.a.	M24
T 25	15 22 45	20°34'56	4♌30	8°15	21°17	8°42	17°55	23°19	16°25	28°57	27°39	25°33	26°48	16°26	n.a.	T 25
W26	15 26 42	21°32'01	18°42	10° 1	22°29	9°22	18° 9	23°27	16°29	29° 0	27°39	25°R34	26°44	16°33	n.a.	W26
T 27	15 30 38	22°29'05	2♍54	11°44	23°40	10° 2	18°23	23°35	16°32	29° 2	27°40	25°33	26°41	16°40	n.a.	T 27
F 28	15 34 35	23°26'09	17° 4	13°25	24°52	10°42	18°36	23°43	16°36	29° 4	27°40	25°32	26°38	16°46	n.a.	F 28
S 29	15 38 31	24°23'13	1♎ 9	15° 5	26° 4	11°22	18°50	23°51	16°39	29° 6	27°40	25°28	26°35	16°53	n.a.	S 29
S 30	15 42 28	25°20'17	15° 6	16°42	27°16	12° 2	19° 3	23°59	16°43	29° 8	27°41	25°24	26°32	17° 0	n.a.	S 30
M31	15 46 25	26♉17'22	28♎53	18♊17	28♊27	12♉42	19♉17	24♉ 6	16♊46	29♈10	27♌41	25♊20	26♊29	17♒ 6	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n51	8n18	5n 3	6n50	0s38	19n41	1n 3	8n48	0s 7	15n24	0s29	16n53	1s16	23n15	0n15	9n14	1s51	28n41	17n26	23n48	23n50	20s30		n.a.
S 2	11 11	2 29	5 1	7 48	0 28	20 2	1 5	9 4	0 6	15 28	0 29	16 55	1 15	23 16	0 15	9 15	1 51	28 40	17 26	23 48	23 50	20 28		n.a.
M 3	11 32	3s25	4 41	8 47	0 17	20 22	1 7	9 20	0 5	15 32	0 28	16 58	1 15	23 16	0 15	9 16	1 51	28 40	17 25	23 48	23 50	20 27		n.a.
T 4	11 52	9 4	4 4	9 45	0 6	20 42	1 9	9 35	0 5	15 36	0 28	17 0	1 15	23 16	0 15	9 17	1 51	28 40	17 25	23 48	23 49	20 26		n.a.
W 5	12 13	14 9	3 14	10 42	0n 4	21 1	1 12	9 51	0 4	15 41	0 28	17 2	1 15	23 17	0 15	9 18	1 51	28 40	17 24	23 47	23 49	20 24		n.a.
T 6	12 33	18 25	2 14	11 40	0 15	21 20	1 14	10 7	0 4	15 45	0 28	17 4	1 15	23 17	0 15	9 18	1 51	28 39	17 24	23 47	23 49	20 23		n.a.
F 7	12 52	21 39	1 9	12 36	0 25	21 38	1 16	10 22	0 3	15 49	0 28	17 6	1 15	23 17	0 15	9 19	1 51	28 39	17 23	23 47	23 49	20 21		n.a.
S 8	13 12	23 45	0 1	13 31	0 35	21 56	1 18	10 38	0 2	15 53	0 28	17 8	1 15	23 18	0 15	9 20	1 51	28 39	17 23	23 47	23 49	20 20		n.a.
S 9	13 32	24 39	1s 4	14 25	0 45	22 13	1 20	10 53	0 2	15 57	0 28	17 10	1 15	23 18	0 15	9 21	1 51	28 38	17 22	23 47	23 49	20 18		n.a.
M10	13 51	24 21	2 6	15 18	0 54	22 30	1 22	11 9	0 1	16 2	0 28	17 13	1 15	23 18	0 15	9 22	1 51	28 38	17 22	23 47	23 49	20 17		n.a.
T 11	14 10	22 56	3 2	16 9	1 3	22 45	1 24	11 24	0 1	16 6	0 28	17 15	1 14	23 19	0 15	9 22	1 51	28 38	17 21	23 47	23 49	20 16		n.a.
W12	14 29	20 31	3 49	16 58	1 12	23 1	1 25	11 39	0n 0	16 10	0 27	17 17	1 14	23 19	0 15	9 23	1 51	28 37	17 21	23 47	23 49	20 14		n.a.
T 13	14 47	17 14	4 27	17 45	1 19	23 15	1 27	11 54	0 1	16 14	0 27	17 19	1 14	23 19	0 15	9 24	1 51	28 37	17 20	23 47	23 49	20 13		n.a.
F 14	15 6	13 14	4 53	18 30	1 27	23 29	1 29	12 9	0 1	16 18	0 27	17 21	1 14	23 20	0 15	9 25	1 51	28 37	17 20	23 47	23 49	20 11		n.a.
S 15	15 24	8 40	5 7	19 12	1 33	23 42	1 31	12 24	0 2	16 22	0 27	17 23	1 14	23 20	0 15	9 26	1 51	28 36	17 19	23 47	23 49	20 10		n.a.
S 16	15 42	3 41	5 7	19 53	1 39	23 55	1 32	12 38	0 2	16 26	0 27	17 25	1 14	23 20	0 15	9 26	1 51	28 36	17 19	23 47	23 49	20 8		n.a.
M17	16 0	1n34	4 52	20 30	1 44	24 7	1 34	12 53	0 3	16 30	0 27	17 27	1 14	23 21	0 15	9 27	1 51	28 35	17 18	23 47	23 49	20 7		n.a.
T 18	16 17	6 53	4 21	21 6	1 49	24 18	1 35	13 8	0 4	16 35	0 27	17 30	1 14	23 21	0 15	9 28	1 51	28 35	17 17	23 46	23 49	20 5		n.a.
W19	16 34	12 0	3 37	21 38	1 53	24 28	1 37	13 22	0 4	16 39	0 27	17 32	1 14	23 21	0 15	9 29	1 51	28 34	17 17	23 46	23 49	20 4		n.a.
T 20	16 51	16 40	2 40	22 9	1 56	24 38	1 38	13 36	0 5	16 43	0 27	17 34	1 14	23 22	0 15	9 29	1 51	28 34	17 16	23 46	23 49	20 2		n.a.
F 21	17 8	20 33	1 32	22 36	1 58	24 47	1 39	13 50	0 5	16 47	0 26	17 36	1 13	23 22	0 15	9 30	1 51	28 33	17 16	23 46	23 48	20 1		n.a.
S 22	17 24	23 19	0 18	23 2	2 0	24 56	1 41	14 4	0 6	16 51	0 26	17 38	1 13	23 22	0 15	9 31	1 51	28 33	17 15	23 46	23 48	19 59		n.a.
S 23	17 40	24 40	0n58	23 25	2 1	25 4	1 42	14 18	0 7	16 55	0 26	17 40	1 13	23 23	0 15	9 32	1 51	28 32	17 15	23 46	23 48	19 58		n.a.
M24	17 56	24 26	2 11	23 45	2 2	25 11	1 43	14 32	0 7	16 59	0 26	17 42	1 13	23 23	0 15	9 33	1 51	28 32	17 14	23 46	23 48	19 56		n.a.
T 25	18 12	22 38	3 17	24 3	2 2	25 17	1 44	14 46	0 8	17 3	0 26	17 44	1 13	23 23	0 15	9 33	1 51	28 31	17 14	23 46	23 48	19 55		n.a.
W26	18 27	19 25	4 10	24 19	2 1	25 22	1 45	14 59	0 9	17 7	0 26	17 46	1 13	23 24	0 15	9 34	1 51	28 31	17 13	23 46	23 48	19 53		n.a.
T 27	18 42	15 5	4 48	24 33	2 0	25 27	1 46	15 13	0 9	17 10	0 26	17 48	1 13	23 24	0 15	9 35	1 51	28 30	17 13	23 46	23 48	19 51		n.a.
F 28	18 57	9 55	5 9	24 44	1 57	25 31	1 47	15 26	0 10	17 14	0 26	17 50	1 13	23 25	0 15	9 35	1 51	28 29	17 12	23 46	23 48	19 50		n.a.
S 29	19 11	4 16	5 11	24 53	1 55	25 34	1 47	15 39	0 10	17 18	0 26	17 53	1 13	23 25	0 15	9 36	1 51	28 29	17 12	23 46	23 48	19 48		n.a.
S 30	19 25	1s32	4 54	25 1	1 52	25 37	1 48	15 52	0 11	17 22	0 26	17 55	1 13	23 25	0 15	9 37	1 51	28 28	17 11	23 46	23 48	19 47		n.a.
M31	19n39	7s12	4n21	25n 6	1n48	25n39	1n49	16n 5	0n11	17n26	0s25	17n57	1s13	23n26	0n15	9n38	1s51	28n28	17n10	23n45	23n48	19s45		n.a.

Julian Day Number = 1269363.5, Delta T = 08h18m39s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'27, Lahiri = -21°02'27 Julian Calendar 1 May 1238 BCE == Greg. Calendar 20 Apr. 1238 BCE

The year -1237 astronomical counting style corresponds to year 1238 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1238 BCE
geocentric

JUNE 1238 BCE (-1237) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 50 21	27♉14'26	12♏27	19♊50	29♊39	13♉21	19♉30	24♉14	16♊50	29♈12	27♌41	25°R16	26♊25	17♒13	n.a.	T 1
W 2	15 54 18	28°11'31	25°45	21°20	0♋51	14° 1	19°44	24°22	16°53	29°14	27°42	25♊13	26°22	17°20	n.a.	W 2
T 3	15 58 14	29° 8'36	8♐47	22°49	2° 2	14°41	19°57	24°30	16°57	29°16	27°42	25°11	26°19	17°26	n.a.	T 3
F 4	16 2 11	0♊ 5'41	21°31	24°15	3°14	15°20	20°11	24°38	17° 0	29°18	27°43	25°D10	26°16	17°33	n.a.	F 4
S 5	16 6 7	1° 2'47	4♑ 0	25°40	4°25	16° 0	20°24	24°46	17° 4	29°20	27°43	25°10	26°13	17°40	n.a.	S 5
S 6	16 10 4	1°59'54	16°14	27° 2	5°36	16°40	20°38	24°54	17° 8	29°22	27°44	25°11	26°10	17°46	n.a.	S 6
M 7	16 14 1	2°57'02	28°16	28°22	6°48	17°19	20°51	25° 1	17°11	29°24	27°44	25°12	26° 6	17°53	n.a.	M 7
T 8	16 17 57	3°54'10	10♒11	29°39	7°59	17°59	21° 5	25° 9	17°15	29°26	27°45	25°14	26° 3	18° 0	n.a.	T 8
W 9	16 21 54	4°51'19	22° 3	0♋54	9°10	18°38	21°18	25°17	17°18	29°28	27°45	25°15	26° 0	18° 7	n.a.	W 9
T 10	16 25 50	5°48'29	3♓56	2° 7	10°21	19°18	21°31	25°25	17°22	29°30	27°46	25°R16	25°57	18°13	n.a.	T 10
F 11	16 29 47	6°45'39	15°55	3°17	11°33	19°57	21°45	25°33	17°26	29°32	27°47	25°15	25°54	18°20	n.a.	F 11
S 12	16 33 43	7°42'51	28° 4	4°25	12°44	20°36	21°58	25°40	17°29	29°33	27°48	25°14	25°50	18°27	n.a.	S 12
S 13	16 37 40	8°40'03	10♈29	5°30	13°55	21°16	22°11	25°48	17°33	29°35	27°48	25°13	25°47	18°33	n.a.	S 13
M14	16 41 36	9°37'17	23°11	6°32	15° 6	21°55	22°25	25°56	17°37	29°37	27°49	25°11	25°44	18°40	n.a.	M14
T 15	16 45 33	10°34'32	6♉14	7°32	16°17	22°34	22°38	26° 4	17°40	29°39	27°50	25° 9	25°41	18°47	n.a.	T 15
W16	16 49 30	11°31'47	19°38	8°28	17°28	23°14	22°51	26°11	17°44	29°41	27°51	25° 7	25°38	18°53	n.a.	W16
T 17	16 53 26	12°29'04	3♊23	9°22	18°39	23°53	23° 4	26°19	17°48	29°42	27°52	25° 6	25°35	19° 0	n.a.	T 17
F 18	16 57 23	13°26'21	17°26	10°12	19°49	24°32	23°18	26°27	17°51	29°44	27°53	25° 5	25°31	19° 7	n.a.	F 18
S 19	17 1 19	14°23'40	1♋44	10°59	21° 0	25°11	23°31	26°34	17°55	29°46	27°54	25°D 5	25°28	19°14	n.a.	S 19
S 20	17 5 16	15°20'59	16°11	11°42	22°11	25°50	23°44	26°42	17°59	29°48	27°55	25° 5	25°25	19°20	n.a.	S 20
M21	17 9 12	16°18'19	0♌42	12°22	23°21	26°29	23°57	26°49	18° 2	29°49	27°56	25° 6	25°22	19°27	n.a.	M21
T 22	17 13 9	17°15'40	15°12	12°58	24°32	27° 8	24°10	26°57	18° 6	29°51	27°57	25° 7	25°19	19°34	n.a.	T 22
W23	17 17 6	18°13'02	29°37	13°29	25°43	27°47	24°23	27° 5	18°10	29°52	27°58	25° 7	25°16	19°40	n.a.	W23
T 24	17 21 2	19°10'24	13♍53	13°57	26°53	28°26	24°36	27°12	18°13	29°54	27°59	25°R 8	25°12	19°47	n.a.	T 24
F 25	17 24 59	20° 7'47	27°57	14°20	28° 3	29° 5	24°49	27°20	18°17	29°56	28° 0	25° 7	25° 9	19°54	n.a.	F 25
S 26	17 28 55	21° 5'11	11♎49	14°39	29°14	29°44	25° 1	27°27	18°21	29°57	28° 1	25° 7	25° 6	20° 0	n.a.	S 26
S 27	17 32 52	22° 2'35	25°26	14°53	0♌24	0♊23	25°14	27°34	18°25	29°59	28° 2	25° 7	25° 3	20° 7	n.a.	S 27
M28	17 36 48	23° 0'01	8♏49	15° 2	1°34	1° 2	25°27	27°42	18°28	0♉ 0	28° 4	25° 7	25° 0	20°14	n.a.	M28
T 29	17 40 45	23°57'28	21°58	15°R 6	2°44	1°40	25°40	27°49	18°32	0° 2	28° 5	25° 7	24°56	20°20	n.a.	T 29
W30	17 44 41	24♊54'55	4♐53	15♋ 4	3♌54	2♊19	25♉52	27♉57	18♊36	0♉ 3	28♌ 6	25°D 6	24♊53	20♒27	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n52	12s27	3n33	25n10	1n43	25n40	1n49	16n18	0n12	17n30	0s25	17n59	1s13	23n26	0n15	9n38	1s52	28n27	17n10	23n45	23n48	19s44		n.a.
W 2	20 5	17 1	2 34	25 11	1 38	25 40	1 50	16 31	0 13	17 34	0 25	18 1	1 12	23 26	0 15	9 39	1 52	28 26	17 9	23 45	23 47	19 42		n.a.
T 3	20 18	20 41	1 29	25 11	1 33	25 40	1 50	16 43	0 13	17 37	0 25	18 3	1 12	23 27	0 15	9 40	1 52	28 26	17 9	23 45	23 47	19 41		n.a.
F 4	20 31	23 14	0 20	25 10	1 27	25 38	1 50	16 56	0 14	17 41	0 25	18 5	1 12	23 27	0 15	9 40	1 52	28 25	17 8	23 45	23 47	19 39		n.a.
S 5	20 43	24 35	0s48	25 6	1 20	25 36	1 51	17 8	0 14	17 45	0 25	18 7	1 12	23 27	0 15	9 41	1 52	28 24	17 8	23 45	23 47	19 37		n.a.
S 6	20 55	24 43	1 53	25 2	1 13	25 34	1 51	17 20	0 15	17 49	0 25	18 9	1 12	23 28	0 15	9 42	1 52	28 24	17 7	23 45	23 47	19 36		n.a.
M 7	21 6	23 40	2 52	24 56	1 6	25 30	1 51	17 32	0 16	17 52	0 25	18 11	1 12	23 28	0 15	9 42	1 52	28 23	17 7	23 45	23 47	19 34		n.a.
T 8	21 17	21 34	3 43	24 48	0 58	25 26	1 51	17 44	0 16	17 56	0 25	18 13	1 12	23 29	0 15	9 43	1 52	28 22	17 6	23 45	23 47	19 33		n.a.
W 9	21 28	18 33	4 24	24 40	0 49	25 21	1 51	17 56	0 17	18 0	0 25	18 15	1 12	23 29	0 15	9 44	1 52	28 21	17 6	23 45	23 47	19 31		n.a.
T 10	21 38	14 47	4 54	24 30	0 41	25 16	1 50	18 7	0 17	18 3	0 25	18 16	1 12	23 29	0 15	9 44	1 52	28 21	17 5	23 45	23 47	19 29		n.a.
F 11	21 48	10 25	5 11	24 19	0 31	25 9	1 50	18 19	0 18	18 7	0 24	18 18	1 12	23 30	0 16	9 45	1 52	28 20	17 4	23 45	23 47	19 28		n.a.
S 12	21 58	5 35	5 15	24 8	0 22	25 2	1 50	18 30	0 19	18 10	0 24	18 20	1 12	23 30	0 16	9 46	1 52	28 19	17 4	23 45	23 47	19 26		n.a.
S 13	22 7	0 26	5 4	23 55	0 11	24 55	1 49	18 41	0 19	18 14	0 24	18 22	1 12	23 30	0 16	9 46	1 52	28 18	17 3	23 45	23 46	19 24		n.a.
M14	22 16	4n51	4 39	23 42	0 1	24 46	1 49	18 52	0 20	18 17	0 24	18 24	1 12	23 31	0 16	9 47	1 52	28 18	17 3	23 45	23 46	19 23		n.a.
T 15	22 24	10 5	3 58	23 28	0s10	24 37	1 48	19 3	0 20	18 21	0 24	18 26	1 12	23 31	0 16	9 47	1 52	28 17	17 2	23 45	23 46	19 21		n.a.
W16	22 33	14 59	3 4	23 13	0 21	24 27	1 47	19 14	0 21	18 24	0 24	18 28	1 12	23 31	0 16	9 48	1 52	28 16	17 2	23 45	23 46	19 19		n.a.
T 17	22 40	19 16	1 57	22 58	0 33	24 16	1 46	19 24	0 22	18 28	0 24	18 30	1 12	23 32	0 16	9 49	1 52	28 15	17 1	23 45	23 46	19 18		n.a.
F 18	22 48	22 32	0 42	22 42	0 44	24 5	1 45	19 35	0 22	18 31	0 24	18 32	1 12	23 32	0 16	9 49	1 52	28 14	17 1	23 45	23 46	19 16		n.a.
S 19	22 55	24 27	0n37	22 26	0 57	23 53	1 44	19 45	0 23	18 35	0 24	18 33	1 11	23 32	0 16	9 50	1 52	28 13	17 0	23 45	23 46	19 14		n.a.
S 20	23 1	24 44	1 54	22 10	1 9	23 41	1 43	19 55	0 23	18 38	0 24	18 35	1 11	23 33	0 16	9 50	1 52	28 13	17 0	23 45	23 46	19 13		n.a.
M21	23 7	23 20	3 5	21 54	1 22	23 27	1 42	20 5	0 24	18 42	0 24	18 37	1 11	23 33	0 16	9 51	1 52	28 12	16 59	23 45	23 46	19 11		n.a.
T 22	23 13	20 25	4 3	21 38	1 34	23 13	1 41	20 15	0 25	18 45	0 24	18 39	1 11	23 33	0 16	9 52	1 52	28 11	16 59	23 45	23 45	19 9		n.a.
W23	23 19	16 15	4 46	21 22	1 47	22 59	1 39	20 24	0 25	18 48	0 23	18 41	1 11	23 34	0 16	9 52	1 52	28 10	16 58	23 45	23 45	19 8		n.a.
T 24	23 23	11 12	5 11	21 6	2 1	22 44	1 38	20 34	0 26	18 52	0 23	18 42	1 11	23 34	0 16	9 53	1 52	28 9	16 58	23 45	23 45	19 6		n.a.
F 25	23 28	5 39	5 17	20 50	2 14	22 28	1 36	20 43	0 26	18 55	0 23	18 44	1 11	23 34	0 16	9 53	1 52	28 8	16 57	23 45	23 45	19 4		n.a.
S 26	23 32	0s 6	5 4	20 35	2 27	22 12	1 34	20 52	0 27	18 58	0 23	18 46	1 11	23 35	0 16	9 54	1 52	28 7	16 57	23 45	23 45	19 3		n.a.
S 27	23 36	5 45	4 34	20 21	2 40	21 55	1 33	21 1	0 28	19 1	0 23	18 48	1 11	23 35	0 16	9 54	1 52	28 7	16 56	23 45	23 45	19 1		n.a.
M28	23 39	11 3	3 49	20 7	2 53	21 37	1 31	21 10	0 28	19 4	0 23	18 49	1 11	23 35	0 16	9 55	1 52	28 6	16 56	23 45	23 45	18 59		n.a.
T 29	23 42	15 46	2 54	19 54	3 5	21 19	1 29	21 19	0 29	19 8	0 23	18 51	1 11	23 36	0 16	9 55	1 52	28 5	16 55	23 45	23 45	18 57		n.a.
W30	23n45	19s40	1n50	19n42	3s18	21n 0	1n27	21n27	0n29	19n11	0s23	18n53	1s11	23n36	0n16	9n56	1s53	28n 4	16n55	23n45	23n44	18s56		n.a.

Julian Day Number = 1269394.5, Delta T = 08h18m37s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'23, Lahiri = -21°02'22 Julian Calendar 1 June 1238 BCE == Greg. Calendar 21 May 1238 BCE

The year -1237 astronomical counting style corresponds to year 1238 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1238 BCE
geocentric

JULY 1238 BCE (-1237) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 48 38	25♊52'24	17♐34	14°R58	5♌ 4	2♊58	26♉ 5	28♉ 4	18♊39	0♉ 5	28♌ 8	25♊ 6	24♊50	20♒34	n.a.	T 1
F 2	17 52 35	26°49'55	0♑ 3	14♋45	6°14	3°36	26°18	28°11	18°43	0° 6	28° 9	25°R 6	24°47	20°41	n.a.	F 2
S 3	17 56 31	27°47'26	12°20	14°28	7°24	4°15	26°30	28°18	18°47	0° 8	28°10	25° 6	24°44	20°47	n.a.	S 3
S 4	18 0 28	28°44'59	24°27	14° 5	8°34	4°54	26°43	28°25	18°50	0° 9	28°12	25° 6	24°41	20°54	n.a.	S 4
M 5	18 4 24	29°42'34	6♒26	13°37	9°43	5°32	26°55	28°33	18°54	0°10	28°13	25° 6	24°37	21° 1	n.a.	M 5
T 6	18 8 21	0♋40'10	18°19	13° 4	10°53	6°11	27° 7	28°40	18°58	0°12	28°15	25° 5	24°34	21° 7	n.a.	T 6
W 7	18 12 17	1°37'48	0♓10	12°26	12° 2	6°49	27°20	28°47	19° 1	0°13	28°16	25° 4	24°31	21°14	n.a.	W 7
T 8	18 16 14	2°35'27	12° 2	11°44	13°12	7°28	27°32	28°54	19° 5	0°14	28°18	25° 3	24°28	21°21	n.a.	T 8
F 9	18 20 10	3°33'08	24° 0	10°59	14°21	8° 6	27°44	29° 1	19° 8	0°15	28°19	25° 3	24°25	21°28	n.a.	F 9
S 10	18 24 7	4°30'50	6♈ 8	10°10	15°30	8°44	27°56	29° 8	19°12	0°16	28°21	25°D 3	24°22	21°34	n.a.	S 10
S 11	18 28 4	5°28'35	18°30	9°20	16°39	9°23	28° 8	29°15	19°16	0°18	28°22	25° 3	24°18	21°41	n.a.	S 11
M12	18 32 0	6°26'21	1♉11	8°28	17°48	10° 1	28°20	29°21	19°19	0°19	28°24	25° 4	24°15	21°48	n.a.	M12
T 13	18 35 57	7°24'10	14°14	7°36	18°57	10°40	28°32	29°28	19°23	0°20	28°26	25° 5	24°12	21°54	n.a.	T 13
W14	18 39 53	8°22'00	27°41	6°45	20° 6	11°18	28°44	29°35	19°26	0°21	28°27	25° 6	24° 9	22° 1	n.a.	W14
T 15	18 43 50	9°19'52	11♊34	5°55	21°15	11°56	28°56	29°42	19°30	0°22	28°29	25° 7	24° 6	22° 8	n.a.	T 15
F 16	18 47 46	10°17'46	25°51	5° 8	22°23	12°34	29° 8	29°48	19°33	0°23	28°31	25°R 7	24° 2	22°14	n.a.	F 16
S 17	18 51 43	11°15'41	10♋27	4°26	23°32	13°12	29°19	29°55	19°37	0°24	28°32	25° 7	23°59	22°21	n.a.	S 17
S 18	18 55 39	12°13'39	25°18	3°48	24°40	13°51	29°31	0♊ 2	19°40	0°25	28°34	25° 5	23°56	22°28	n.a.	S 18
M19	18 59 36	13°11'38	10♌15	3°16	25°49	14°29	29°43	0° 8	19°44	0°26	28°36	25° 3	23°53	22°35	n.a.	M19
T 20	19 3 33	14° 9'38	25°10	2°50	26°57	15° 7	29°54	0°14	19°47	0°27	28°38	25° 1	23°50	22°41	n.a.	T 20
W21	19 7 29	15° 7'40	9♍55	2°31	28° 5	15°45	0♊ 5	0°21	19°51	0°28	28°40	24°59	23°47	22°48	n.a.	W21
T 22	19 11 26	16° 5'44	24°24	2°20	29°13	16°23	0°17	0°27	19°54	0°29	28°41	24°57	23°43	22°55	n.a.	T 22
F 23	19 15 22	17° 3'49	8♎33	2°D17	0♍21	17° 1	0°28	0°33	19°58	0°29	28°43	24°55	23°40	23° 1	n.a.	F 23
S 24	19 19 19	18° 1'55	22°21	2°22	1°29	17°39	0°39	0°40	20° 1	0°30	28°45	24°D55	23°37	23° 8	n.a.	S 24
S 25	19 23 15	19° 0'03	5♏48	2°36	2°36	18°17	0°50	0°46	20° 4	0°31	28°47	24°56	23°34	23°15	n.a.	S 25
M26	19 27 12	19°58'13	18°55	2°58	3°44	18°55	1° 1	0°52	20° 8	0°32	28°49	24°57	23°31	23°21	n.a.	M26
T 27	19 31 8	20°56'25	1♐45	3°28	4°51	19°33	1°12	0°58	20°11	0°32	28°51	24°59	23°28	23°28	n.a.	T 27
W28	19 35 5	21°54'38	14°21	4° 7	5°58	20°10	1°23	1° 4	20°14	0°33	28°53	25° 0	23°24	23°35	n.a.	W28
T 29	19 39 2	22°52'53	26°44	4°53	7° 6	20°48	1°34	1°10	20°18	0°34	28°55	25°R 1	23°21	23°42	n.a.	T 29
F 30	19 42 58	23°51'09	8♑58	5°48	8°12	21°26	1°44	1°15	20°21	0°34	28°57	25° 0	23°18	23°48	n.a.	F 30
S 31	19 46 55	24♋49'28	21♑ 3	6♋49	9♍19	22♊ 4	1♊55	1♊21	20♊24	0♉35	28♌59	24♊58	23♊15	23♒55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n47	22s33	0n42	19n31	3s30	20n41	1n25	21n35	0n30	19n14	0s23	18n54	1s11	23n36	0n16	9n56	1s53	28n 3	16n54	23n45	23n44	18s54			n.a.
F 2	23 48	24 18	0s27	19 21	3 41	20 21	1 22	21 44	0 31	19 17	0 23	18 56	1 11	23 37	0 16	9 57	1 53	28 2	16 54	23 45	23 44	18 52			n.a.
S 3	23 49	24 49	1 34	19 12	3 52	20 1	1 20	21 52	0 31	19 20	0 23	18 58	1 11	23 37	0 16	9 57	1 53	28 1	16 53	23 45	23 44	18 51			n.a.
S 4	23 50	24 8	2 36	19 5	4 2	19 40	1 18	21 59	0 32	19 23	0 23	18 59	1 11	23 37	0 16	9 57	1 53	28 0	16 53	23 45	23 44	18 49			n.a.
M 5	23 50	22 21	3 30	18 59	4 10	19 19	1 15	22 7	0 32	19 26	0 23	19 1	1 11	23 38	0 16	9 58	1 53	27 59	16 53	23 45	23 44	18 47			n.a.
T 6	23 50	19 37	4 14	18 55	4 18	18 57	1 13	22 14	0 33	19 29	0 22	19 3	1 11	23 38	0 16	9 58	1 53	27 58	16 52	23 45	23 44	18 45			n.a.
W 7	23 50	16 4	4 47	18 52	4 24	18 35	1 10	22 22	0 33	19 32	0 22	19 4	1 11	23 38	0 16	9 59	1 53	27 57	16 52	23 45	23 44	18 44			n.a.
T 8	23 49	11 54	5 9	18 51	4 29	18 13	1 7	22 29	0 34	19 35	0 22	19 6	1 11	23 39	0 16	9 59	1 53	27 56	16 51	23 45	23 43	18 42			n.a.
F 9	23 48	7 15	5 17	18 51	4 33	17 49	1 4	22 36	0 35	19 38	0 22	19 7	1 11	23 39	0 16	9 59	1 53	27 55	16 51	23 45	23 43	18 40			n.a.
S 10	23 46	2 16	5 11	18 53	4 34	17 26	1 1	22 43	0 35	19 40	0 22	19 9	1 11	23 39	0 16	10 0	1 53	27 54	16 50	23 45	23 43	18 38			n.a.
S 11	23 44	2n54	4 51	18 57	4 34	17 2	0 58	22 49	0 36	19 43	0 22	19 10	1 11	23 40	0 16	10 0	1 53	27 53	16 50	23 45	23 43	18 36			n.a.
M12	23 41	8 5	4 16	19 2	4 32	16 38	0 55	22 56	0 36	19 46	0 22	19 12	1 11	23 40	0 16	10 1	1 53	27 52	16 50	23 45	23 43	18 35			n.a.
T 13	23 38	13 5	3 27	19 10	4 28	16 13	0 52	23 2	0 37	19 49	0 22	19 13	1 11	23 40	0 16	10 1	1 53	27 51	16 49	23 45	23 43	18 33			n.a.
W14	23 34	17 36	2 26	19 18	4 22	15 48	0 49	23 8	0 38	19 51	0 22	19 15	1 11	23 41	0 16	10 1	1 53	27 50	16 49	23 45	23 43	18 31			n.a.
T 15	23 30	21 19	1 14	19 28	4 15	15 22	0 45	23 14	0 38	19 54	0 22	19 16	1 11	23 41	0 16	10 2	1 53	27 49	16 48	23 45	23 42	18 29			n.a.
F 16	23 26	23 51	0n 4	19 39	4 5	14 56	0 42	23 20	0 39	19 57	0 22	19 18	1 11	23 41	0 16	10 2	1 53	27 48	16 48	23 45	23 42	18 27			n.a.
S 17	23 21	24 49	1 24	19 52	3 54	14 30	0 38	23 25	0 39	19 59	0 22	19 19	1 11	23 41	0 16	10 2	1 53	27 47	16 48	23 45	23 42	18 26			n.a.
S 18	23 16	24 2	2 39	20 6	3 41	14 3	0 35	23 30	0 40	20 2	0 22	19 21	1 11	23 42	0 16	10 2	1 53	27 46	16 47	23 45	23 42	18 24			n.a.
M19	23 10	21 33	3 44	20 21	3 28	13 37	0 31	23 36	0 41	20 5	0 22	19 22	1 11	23 42	0 16	10 3	1 54	27 45	16 47	23 45	23 42	18 22			n.a.
T 20	23 4	17 38	4 33	20 36	3 13	13 9	0 27	23 41	0 41	20 7	0 21	19 23	1 11	23 42	0 16	10 3	1 54	27 44	16 46	23 45	23 42	18 20			n.a.
W21	22 58	12 39	5 4	20 52	2 57	12 42	0 23	23 45	0 42	20 10	0 21	19 25	1 11	23 43	0 16	10 3	1 54	27 43	16 46	23 45	23 42	18 18			n.a.
T 22	22 51	7 4	5 15	21 9	2 40	12 14	0 19	23 50	0 42	20 12	0 21	19 26	1 11	23 43	0 16	10 4	1 54	27 42	16 46	23 45	23 41	18 16			n.a.
F 23	22 44	1 14	5 6	21 27	2 23	11 46	0 15	23 54	0 43	20 15	0 21	19 27	1 11	23 43	0 16	10 4	1 54	27 41	16 45	23 45	23 41	18 15			n.a.
S 24	22 36	4s31	4 40	21 44	2 5	11 18	0 11	23 59	0 44	20 17	0 21	19 29	1 11	23 43	0 16	10 4	1 54	27 40	16 45	23 45	23 41	18 13			n.a.
S 25	22 28	9 56	3 58	22 1	1 48	10 49	0 7	24 3	0 44	20 20	0 21	19 30	1 11	23 44	0 16	10 4	1 54	27 39	16 45	23 45	23 41	18 11			n.a.
M26	22 20	14 46	3 6	22 18	1 30	10 21	0 3	24 7	0 45	20 22	0 21	19 31	1 11	23 44	0 16	10 4	1 54	27 38	16 44	23 45	23 41	18 9			n.a.
T 27	22 11	18 50	2 4	22 35	1 13	9 52	0s 2	24 10	0 45	20 24	0 21	19 32	1 11	23 44	0 16	10 5	1 54	27 37	16 44	23 45	23 41	18 7			n.a.
W28	22 1	21 57	0 58	22 51	0 56	9 23	0 6	24 14	0 46	20 27	0 21	19 34	1 11	23 45	0 16	10 5	1 54	27 36	16 44	23 45	23 40	18 5			n.a.
T 29	21 52	23 58	0s 9	23 6	0 39	8 53	0 11	24 17	0 46	20 29	0 21	19 35	1 11	23 45	0 16	10 5	1 54	27 35	16 43	23 45	23 40	18 3			n.a.
F 30	21 42	24 48	1 16	23 19	0 23	8 24	0 15	24 21	0 47	20 31	0 21	19 36	1 11	23 45	0 16	10 5	1 54	27 34	16 43	23 45	23 40	18 2			n.a.
S 31	21n31	24s26	2s18	23n32	0s 8	7n54	0s20	24n24	0n48	20n33	0s21	19n37	1s11	23n45	0n16	10n 5	1s54	27n33	16n43	23n45	23n40	18s 0			n.a.

Julian Day Number = 1269424.5, Delta T = 08h18m36s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'19, Lahiri = -21°02'18 Julian Calendar 1 July 1238 BCE == Greg. Calendar 20 June 1238 BCE

The year -1237 astronomical counting style corresponds to year 1238 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1238 BCE
geocentric

AUGUST 1238 BCE (-1237) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 50 51	25♋47'48	3♒ 2	7♋58	10♍26	22♊41	2♊ 5	1♊27	20♊27	0♉35	29♌ 1	24°R54	23♊12	24♒ 2	n.a.	S 1
M 2	19 54 48	26°46'11	14°57	9°12	11°32	23°19	2°15	1°33	20°30	0°36	29° 3	24♊49	23° 8	24° 8	n.a.	M 2
T 3	19 58 44	27°44'35	26°48	10°33	12°39	23°57	2°26	1°38	20°34	0°36	29° 5	24°43	23° 5	24°15	n.a.	T 3
W 4	20 2 41	28°43'02	8♓39	11°59	13°45	24°34	2°36	1°44	20°37	0°37	29° 7	24°37	23° 2	24°22	n.a.	W 4
T 5	20 6 37	29°41'31	20°32	13°30	14°51	25°12	2°46	1°49	20°40	0°37	29° 9	24°31	22°59	24°29	n.a.	T 5
F 6	20 10 34	0♌40'02	2♈30	15° 4	15°57	25°49	2°56	1°54	20°43	0°37	29°12	24°26	22°56	24°35	n.a.	F 6
S 7	20 14 31	1°38'35	14°36	16°43	17° 2	26°27	3° 6	1°59	20°46	0°38	29°14	24°23	22°53	24°42	n.a.	S 7
S 8	20 18 27	2°37'11	26°55	18°25	18° 8	27° 4	3°15	2° 5	20°49	0°38	29°16	24°22	22°49	24°49	n.a.	S 8
M 9	20 22 24	3°35'49	9♉31	20° 9	19°13	27°42	3°25	2°10	20°52	0°38	29°18	24°D22	22°46	24°55	n.a.	M 9
T 10	20 26 20	4°34'30	22°28	21°55	20°18	28°19	3°35	2°15	20°55	0°38	29°20	24°23	22°43	25° 2	n.a.	T 10
W11	20 30 17	5°33'13	5♊50	23°43	21°23	28°57	3°44	2°20	20°58	0°39	29°22	24°24	22°40	25° 9	n.a.	W11
T 12	20 34 13	6°31'58	19°39	25°33	22°28	29°34	3°53	2°25	21° 0	0°39	29°25	24°R25	22°37	25°15	n.a.	T 12
F 13	20 38 10	7°30'46	3♋56	27°23	23°32	0♋11	4° 3	2°29	21° 3	0°39	29°27	24°25	22°33	25°22	n.a.	F 13
S 14	20 42 6	8°29'36	18°38	29°14	24°36	0°49	4°12	2°34	21° 6	0°39	29°29	24°23	22°30	25°29	n.a.	S 14
S 15	20 46 3	9°28'28	3♌41	1♌ 5	25°40	1°26	4°21	2°39	21° 9	0°39	29°31	24°19	22°27	25°36	n.a.	S 15
M16	20 49 59	10°27'23	18°55	2°56	26°44	2° 3	4°29	2°43	21°12	0°R39	29°34	24°13	22°24	25°42	n.a.	M16
T 17	20 53 56	11°26'19	4♍ 9	4°48	27°48	2°40	4°38	2°48	21°14	0°39	29°36	24° 6	22°21	25°49	n.a.	T 17
W18	20 57 53	12°25'17	19°14	6°39	28°51	3°17	4°47	2°52	21°17	0°39	29°38	23°58	22°18	25°56	n.a.	W18
T 19	21 1 49	13°24'18	4♎ 0	8°29	29°54	3°54	4°55	2°56	21°19	0°39	29°41	23°52	22°14	26° 2	n.a.	T 19
F 20	21 5 46	14°23'20	18°21	10°19	0♎57	4°32	5° 3	3° 0	21°22	0°39	29°43	23°47	22°11	26° 9	n.a.	F 20
S 21	21 9 42	15°22'24	2♏15	12° 9	2° 0	5° 9	5°12	3° 4	21°25	0°39	29°45	23°44	22° 8	26°16	n.a.	S 21
S 22	21 13 39	16°21'30	15°42	13°58	3° 2	5°46	5°20	3° 8	21°27	0°38	29°47	23°D43	22° 5	26°23	n.a.	S 22
M23	21 17 35	17°20'38	28°44	15°46	4° 4	6°23	5°28	3°12	21°30	0°38	29°50	23°44	22° 2	26°29	n.a.	M23
T 24	21 21 32	18°19'48	11♐25	17°33	5° 5	6°59	5°35	3°16	21°32	0°38	29°52	23°45	21°59	26°36	n.a.	T 24
W25	21 25 28	19°19'00	23°49	19°20	6° 7	7°36	5°43	3°20	21°34	0°38	29°54	23°R46	21°55	26°43	n.a.	W25
T 26	21 29 25	20°18'14	6♑ 1	21° 6	7° 8	8°13	5°51	3°23	21°37	0°37	29°57	23°45	21°52	26°49	n.a.	T 26
F 27	21 33 22	21°17'30	18° 3	22°51	8° 9	8°50	5°58	3°27	21°39	0°37	29°59	23°42	21°49	26°56	n.a.	F 27
S 28	21 37 18	22°16'48	29°59	24°35	9° 9	9°27	6° 5	3°30	21°41	0°37	0♍ 2	23°36	21°46	27° 3	n.a.	S 28
S 29	21 41 15	23°16'08	11♒53	26°19	10° 9	10° 4	6°12	3°34	21°43	0°36	0° 4	23°28	21°43	27°10	n.a.	S 29
M30	21 45 11	24°15'30	23°45	28° 1	11° 9	10°40	6°19	3°37	21°46	0°36	0° 6	23°18	21°39	27°16	n.a.	M30
T 31	21 49 8	25♌14'54	5♓37	29♌43	12♎ 8	11♋17	6♊26	3♊40	21♊48	0♉35	0♍ 9	23♊ 6	21♊36	27♒23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	21n20	22s56	3s13	23n42	0n 6	7n24	0s24	24n26	0n48	20n35	0s21	19n38	1s11	23n46	0n16	10n 5	1s54	27n32	16n43	23n44	23n40	17s58			n.a.
M 2	21 9	20 26	3 59	23 51	0 20	6 54	0 29	24 29	0 49	20 38	0 21	19 40	1 11	23 46	0 16	10 5	1 54	27 31	16 42	23 44	23 40	17 56			n.a.
T 3	20 58	17 5	4 35	23 57	0 33	6 24	0 34	24 31	0 49	20 40	0 20	19 41	1 11	23 46	0 16	10 6	1 54	27 30	16 42	23 44	23 39	17 54			n.a.
W 4	20 46	13 4	4 59	24 2	0 44	5 54	0 39	24 34	0 50	20 42	0 20	19 42	1 11	23 46	0 16	10 6	1 54	27 29	16 42	23 44	23 39	17 52			n.a.
T 5	20 33	8 33	5 10	24 3	0 55	5 24	0 44	24 36	0 51	20 44	0 20	19 43	1 11	23 47	0 16	10 6	1 55	27 28	16 42	23 44	23 39	17 50			n.a.
F 6	20 21	3 41	5 8	24 3	1 5	4 53	0 49	24 38	0 51	20 46	0 20	19 44	1 11	23 47	0 16	10 6	1 55	27 27	16 41	23 43	23 39	17 48			n.a.
S 7	20 8	1n23	4 52	23 59	1 13	4 23	0 54	24 39	0 52	20 48	0 20	19 45	1 11	23 47	0 16	10 6	1 55	27 26	16 41	23 43	23 39	17 46			n.a.
S 8	19 54	6 29	4 22	23 54	1 21	3 52	0 59	24 41	0 52	20 50	0 20	19 46	1 11	23 47	0 16	10 6	1 55	27 25	16 41	23 43	23 39	17 44			n.a.
M 9	19 40	11 26	3 40	23 45	1 28	3 22	1 4	24 42	0 53	20 52	0 20	19 47	1 11	23 47	0 16	10 6	1 55	27 24	16 41	23 43	23 38	17 42			n.a.
T 10	19 26	16 3	2 45	23 34	1 34	2 51	1 9	24 43	0 54	20 54	0 20	19 48	1 11	23 48	0 16	10 6	1 55	27 23	16 40	23 43	23 38	17 41			n.a.
W11	19 12	20 1	1 39	23 20	1 39	2 20	1 14	24 44	0 54	20 56	0 20	19 49	1 11	23 48	0 16	10 6	1 55	27 22	16 40	23 43	23 38	17 39			n.a.
T 12	18 57	23 0	0 26	23 4	1 43	1 50	1 19	24 45	0 55	20 57	0 20	19 50	1 11	23 48	0 16	10 6	1 55	27 21	16 40	23 43	23 38	17 37			n.a.
F 13	18 42	24 38	0n51	22 46	1 46	1 19	1 25	24 46	0 55	20 59	0 20	19 51	1 11	23 48	0 16	10 6	1 55	27 20	16 40	23 43	23 38	17 35			n.a.
S 14	18 27	24 37	2 7	22 25	1 48	0 48	1 30	24 46	0 56	21 1	0 20	19 52	1 11	23 49	0 16	10 6	1 55	27 19	16 40	23 43	23 38	17 33			n.a.
S 15	18 11	22 49	3 16	22 2	1 50	0 18	1 35	24 47	0 57	21 3	0 20	19 52	1 11	23 49	0 16	10 6	1 55	27 18	16 40	23 43	23 37	17 31			n.a.
M16	17 55	19 23	4 11	21 37	1 50	0s13	1 41	24 47	0 57	21 4	0 20	19 53	1 11	23 49	0 16	10 6	1 55	27 17	16 39	23 43	23 37	17 29			n.a.
T 17	17 38	14 37	4 49	21 10	1 50	0 44	1 46	24 47	0 58	21 6	0 20	19 54	1 11	23 49	0 16	10 6	1 55	27 16	16 39	23 42	23 37	17 27			n.a.
W18	17 22	9 1	5 6	20 42	1 50	1 14	1 52	24 46	0 58	21 8	0 19	19 55	1 11	23 49	0 16	10 6	1 55	27 15	16 39	23 42	23 37	17 25			n.a.
T 19	17 5	3 0	5 3	20 12	1 49	1 45	1 57	24 46	0 59	21 9	0 19	19 56	1 11	23 50	0 16	10 6	1 55	27 14	16 39	23 42	23 37	17 23			n.a.
F 20	16 47	3s 1	4 40	19 40	1 47	2 15	2 3	24 45	1 0	21 11	0 19	19 57	1 11	23 50	0 16	10 6	1 55	27 13	16 39	23 42	23 36	17 21			n.a.
S 21	16 30	8 42	4 1	19 7	1 45	2 45	2 8	24 45	1 0	21 13	0 19	19 57	1 11	23 50	0 17	10 5	1 55	27 12	16 39	23 41	23 36	17 19			n.a.
S 22	16 12	13 47	3 10	18 33	1 43	3 16	2 14	24 44	1 1	21 14	0 19	19 58	1 12	23 50	0 17	10 5	1 56	27 11	16 39	23 41	23 36	17 17			n.a.
M23	15 54	18 6	2 10	17 58	1 40	3 46	2 19	24 42	1 1	21 16	0 19	19 59	1 12	23 50	0 17	10 5	1 56	27 10	16 38	23 41	23 36	17 15			n.a.
T 24	15 35	21 27	1 6	17 21	1 36	4 16	2 25	24 41	1 2	21 17	0 19	20 0	1 12	23 51	0 17	10 5	1 56	27 9	16 38	23 41	23 36	17 13			n.a.
W25	15 17	23 42	0s 0	16 44	1 32	4 46	2 30	24 40	1 3	21 19	0 19	20 0	1 12	23 51	0 17	10 5	1 56	27 8	16 38	23 42	23 35	17 11			n.a.
T 26	14 58	24 47	1 5	16 6	1 28	5 15	2 36	24 38	1 3	21 20	0 19	20 1	1 12	23 51	0 17	10 5	1 56	27 7	16 38	23 41	23 35	17 9			n.a.
F 27	14 38	24 41	2 6	15 27	1 24	5 45	2 41	24 36	1 4	21 21	0 19	20 2	1 12	23 51	0 17	10 5	1 56	27 6	16 38	23 41	23 35	17 7			n.a.
S 28	14 19	23 26	3 1	14 47	1 19	6 14	2 47	24 34	1 4	21 23	0 19	20 2	1 12	23 51	0 17	10 4	1 56	27 5	16 38	23 41	23 35	17 5			n.a.
S 29	13 59	21 9	3 47	14 7	1 14	6 43	2 53	24 32	1 5	21 24	0 19	20 3	1 12	23 51	0 17	10 4	1 56	27 4	16 38	23 41	23 35	17 3			n.a.
M30	13 39	17 58	4 24	13 26	1 9	7 12	2 58	24 30	1 6	21 25	0 19	20 3	1 12	23 52	0 17	10 4	1 56	27 3	16 38	23 40	23 34	17 1			n.a.
T 31	13n19	14s 4	4s49	12n45	1n 3	7s41	3s 4	24n27	1n 6	21n27	0s19	20n 4	1s12	23n52	0n17	10n 4	1s56	27n 2	16n38	23n40	23n34	16s59			n.a.

Julian Day Number = 1269455.5, Delta T = 08h18m34s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'15, Lahiri = -21°02'14 Julian Calendar 1 Aug. 1238 BCE == Greg. Calendar 21 July 1238 BCE

The year -1237 astronomical counting style corresponds to year 1238 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1238 BCE
geocentric

SEPTEMBER 1238 BCE (-1237) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 53 4	26♌14'21	17♓30	1♍24	13♎ 7	11♋54	6♊33	3♊43	21♊50	0°R35	0♍11	22°R53	21♊33	27♒30	n.a.	W 1
T 2	21 57 1	27°13'50	29°27	3° 4	14° 5	12°30	6°39	3°46	21°52	0♉34	0°13	22♊42	21°30	27°36	n.a.	T 2
F 3	22 0 57	28°13'21	11♈29	4°44	15° 3	13° 7	6°46	3°49	21°54	0°34	0°16	22°31	21°27	27°43	n.a.	F 3
S 4	22 4 54	29°12'54	23°38	6°23	16° 1	13°43	6°52	3°52	21°56	0°33	0°18	22°24	21°24	27°50	n.a.	S 4
S 5	22 8 50	0♍12'30	5♉57	8° 1	16°58	14°20	6°58	3°54	21°58	0°32	0°20	22°18	21°20	27°57	n.a.	S 5
M 6	22 12 47	1°12'08	18°31	9°38	17°55	14°56	7° 4	3°57	21°59	0°32	0°23	22°16	21°17	28° 3	n.a.	M 6
T 7	22 16 44	2°11'49	1♊22	11°15	18°51	15°33	7°10	3°59	22° 1	0°31	0°25	22°D15	21°14	28°10	n.a.	T 7
W 8	22 20 40	3°11'32	14°35	12°51	19°46	16° 9	7°15	4° 1	22° 3	0°30	0°28	22°15	21°11	28°17	n.a.	W 8
T 9	22 24 37	4°11'17	28°14	14°26	20°42	16°46	7°21	4° 4	22° 5	0°30	0°30	22°R15	21° 8	28°23	n.a.	T 9
F 10	22 28 33	5°11'05	12♋21	16° 1	21°36	17°22	7°26	4° 6	22° 6	0°29	0°32	22°14	21° 5	28°30	n.a.	F 10
S 11	22 32 30	6°10'56	26°54	17°35	22°30	17°58	7°31	4° 8	22° 8	0°28	0°35	22°10	21° 1	28°37	n.a.	S 11
S 12	22 36 26	7°10'49	11♌51	19° 8	23°24	18°34	7°36	4°10	22° 9	0°27	0°37	22° 3	20°58	28°44	n.a.	S 12
M13	22 40 23	8°10'44	27° 4	20°41	24°17	19°11	7°41	4°11	22°11	0°26	0°39	21°54	20°55	28°50	n.a.	M13
T 14	22 44 19	9°10'41	12♍24	22°13	25° 9	19°47	7°45	4°13	22°12	0°25	0°42	21°44	20°52	28°57	n.a.	T 14
W15	22 48 16	10°10'40	27°38	23°45	26° 1	20°23	7°50	4°14	22°14	0°24	0°44	21°32	20°49	29° 4	n.a.	W15
T 16	22 52 12	11°10'41	12♎36	25°16	26°52	20°59	7°54	4°16	22°15	0°23	0°47	21°22	20°45	29°10	n.a.	T 16
F 17	22 56 9	12°10'44	27° 9	26°47	27°42	21°35	7°58	4°17	22°16	0°22	0°49	21°14	20°42	29°17	n.a.	F 17
S 18	23 0 6	13°10'48	11♏13	28°16	28°31	22°11	8° 2	4°18	22°18	0°21	0°51	21° 8	20°39	29°24	n.a.	S 18
S 19	23 4 2	14°10'55	24°47	29°46	29°20	22°47	8° 5	4°19	22°19	0°20	0°54	21° 5	20°36	29°31	n.a.	S 19
M20	23 7 59	15°11'03	7♐53	1♎15	0♏ 8	23°23	8° 9	4°20	22°20	0°19	0°56	21° 4	20°33	29°37	n.a.	M20
T 21	23 11 55	16°11'13	20°34	2°43	0°55	23°59	8°12	4°21	22°21	0°18	0°58	21° 4	20°30	29°44	n.a.	T 21
W22	23 15 52	17°11'25	2♑55	4°10	1°41	24°34	8°15	4°22	22°22	0°17	1° 0	21° 3	20°26	29°51	n.a.	W22
T 23	23 19 48	18°11'38	15° 2	5°37	2°27	25°10	8°18	4°23	22°23	0°16	1° 3	21° 2	20°23	29°57	n.a.	T 23
F 24	23 23 45	19°11'53	27° 0	7° 3	3°11	25°46	8°21	4°23	22°24	0°15	1° 5	20°57	20°20	0♓ 4	n.a.	F 24
S 25	23 27 41	20°12'10	8♒52	8°29	3°54	26°21	8°24	4°24	22°25	0°14	1° 7	20°51	20°17	0°11	n.a.	S 25
S 26	23 31 38	21°12'29	20°42	9°54	4°37	26°57	8°26	4°24	22°26	0°12	1°10	20°41	20°14	0°18	n.a.	S 26
M27	23 35 35	22°12'49	2♓34	11°18	5°18	27°32	8°28	4°24	22°26	0°11	1°12	20°28	20°11	0°24	n.a.	M27
T 28	23 39 31	23°13'11	14°29	12°41	5°58	28° 8	8°30	4°R24	22°27	0°10	1°14	20°14	20° 7	0°31	n.a.	T 28
W29	23 43 28	24°13'34	26°28	14° 4	6°37	28°43	8°32	4°24	22°28	0° 9	1°16	19°59	20° 4	0°38	n.a.	W29
T 30	23 47 24	25♍14'00	8♈32	15♎25	7♏15	29♋19	8♊33	4♊24	22♊28	0♉ 7	1♍19	19♊45	20♊ 1	0♓44	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n59	9s37	5s 1	12n 3	0n58	8s 9	3s 9	24n25	1n 7	21n28	0s19	20n 4	1s12	23n52	0n17	10n 3	1s56	27n 2	16n38	23n39	23n34	16s57		n.a.
T 2	12 38	4 48	5 0	11 21	0 52	8 38	3 15	24 22	1 7	21 29	0 18	20 5	1 12	23 52	0 17	10 3	1 56	27 1	16 38	23 38	23 34	16 55		n.a.
F 3	12 17	0n14	4 46	10 39	0 46	9 6	3 20	24 19	1 8	21 30	0 18	20 5	1 12	23 52	0 17	10 3	1 56	27 0	16 38	23 38	23 34	16 53		n.a.
S 4	11 56	5 19	4 19	9 56	0 40	9 33	3 26	24 16	1 9	21 31	0 18	20 6	1 12	23 52	0 17	10 3	1 56	26 59	16 38	23 37	23 33	16 50		n.a.
S 5	11 35	10 17	3 40	9 13	0 33	10 1	3 31	24 12	1 9	21 32	0 18	20 6	1 12	23 52	0 17	10 2	1 56	26 58	16 38	23 37	23 33	16 48		n.a.
M 6	11 14	14 55	2 49	8 30	0 27	10 28	3 36	24 9	1 10	21 33	0 18	20 7	1 12	23 53	0 17	10 2	1 56	26 57	16 38	23 37	23 33	16 46		n.a.
T 7	10 52	19 1	1 48	7 47	0 20	10 55	3 42	24 5	1 11	21 34	0 18	20 7	1 12	23 53	0 17	10 2	1 56	26 56	16 38	23 37	23 33	16 44		n.a.
W 8	10 30	22 16	0 41	7 4	0 14	11 21	3 47	24 1	1 11	21 35	0 18	20 8	1 12	23 53	0 17	10 2	1 56	26 55	16 38	23 37	23 33	16 42		n.a.
T 9	10 8	24 22	0n32	6 20	0 7	11 47	3 52	23 57	1 12	21 36	0 18	20 8	1 12	23 53	0 17	10 1	1 57	26 54	16 38	23 37	23 32	16 40		n.a.
F 10	9 46	24 59	1 44	5 37	0 0	12 13	3 58	23 53	1 12	21 37	0 18	20 8	1 12	23 53	0 17	10 1	1 57	26 54	16 38	23 37	23 32	16 38		n.a.
S 11	9 24	23 57	2 52	4 53	0s 6	12 39	4 3	23 49	1 13	21 38	0 18	20 9	1 12	23 53	0 17	10 1	1 57	26 53	16 38	23 36	23 32	16 36		n.a.
S 12	9 1	21 12	3 51	4 10	0 13	13 4	4 8	23 45	1 14	21 39	0 18	20 9	1 12	23 53	0 17	10 0	1 57	26 52	16 38	23 36	23 32	16 34		n.a.
M13	8 38	16 57	4 33	3 27	0 20	13 28	4 13	23 40	1 14	21 40	0 18	20 9	1 12	23 53	0 17	10 0	1 57	26 51	16 38	23 35	23 31	16 32		n.a.
T 14	8 16	11 34	4 57	2 44	0 27	13 53	4 18	23 35	1 15	21 41	0 18	20 10	1 12	23 54	0 17	9 59	1 57	26 50	16 38	23 35	23 31	16 30		n.a.
W15	7 53	5 31	4 59	2 1	0 34	14 17	4 23	23 31	1 16	21 42	0 18	20 10	1 12	23 54	0 17	9 59	1 57	26 50	16 39	23 34	23 31	16 28		n.a.
T 16	7 30	0s46	4 41	1 18	0 40	14 40	4 28	23 26	1 16	21 42	0 17	20 10	1 13	23 54	0 17	9 59	1 57	26 49	16 39	23 33	23 31	16 25		n.a.
F 17	7 6	6 50	4 4	0 35	0 47	15 3	4 32	23 21	1 17	21 43	0 17	20 10	1 13	23 54	0 17	9 58	1 57	26 48	16 39	23 33	23 31	16 23		n.a.
S 18	6 43	12 23	3 14	0s 7	0 54	15 26	4 37	23 15	1 17	21 44	0 17	20 10	1 13	23 54	0 17	9 58	1 57	26 47	16 39	23 32	23 30	16 21		n.a.
S 19	6 20	17 7	2 14	0 50	1 1	15 48	4 41	23 10	1 18	21 45	0 17	20 11	1 13	23 54	0 17	9 58	1 57	26 47	16 39	23 32	23 30	16 19		n.a.
M20	5 56	20 51	1 9	1 32	1 7	16 9	4 46	23 4	1 19	21 45	0 17	20 11	1 13	23 54	0 17	9 57	1 57	26 46	16 39	23 32	23 30	16 17		n.a.
T 21	5 32	23 27	0 3	2 13	1 14	16 30	4 50	22 59	1 19	21 46	0 17	20 11	1 13	23 54	0 17	9 57	1 57	26 45	16 39	23 32	23 30	16 15		n.a.
W22	5 9	24 51	1s 2	2 54	1 20	16 51	4 54	22 53	1 20	21 46	0 17	20 11	1 13	23 54	0 17	9 56	1 57	26 44	16 40	23 32	23 29	16 13		n.a.
T 23	4 45	25 1	2 3	3 35	1 26	17 11	4 59	22 47	1 21	21 47	0 17	20 11	1 13	23 54	0 17	9 56	1 57	26 44	16 40	23 32	23 29	16 10		n.a.
F 24	4 21	24 1	2 57	4 16	1 33	17 30	5 2	22 41	1 21	21 47	0 17	20 11	1 13	23 54	0 17	9 55	1 57	26 43	16 40	23 32	23 29	16 8		n.a.
S 25	3 57	21 56	3 44	4 56	1 39	17 49	5 6	22 35	1 22	21 48	0 17	20 11	1 13	23 55	0 17	9 55	1 57	26 42	16 40	23 31	23 29	16 6		n.a.
S 26	3 33	18 56	4 20	5 35	1 45	18 7	5 10	22 28	1 23	21 48	0 17	20 11	1 13	23 55	0 17	9 54	1 57	26 42	16 40	23 30	23 29	16 4		n.a.
M27	3 8	15 9	4 45	6 14	1 51	18 25	5 13	22 22	1 23	21 49	0 17	20 11	1 13	23 55	0 17	9 54	1 57	26 41	16 41	23 30	23 28	16 2		n.a.
T 28	2 44	10 46	4 58	6 52	1 56	18 42	5 17	22 15	1 24	21 49	0 16	20 11	1 13	23 55	0 17	9 53	1 57	26 40	16 41	23 29	23 28	16 0		n.a.
W29	2 20	5 58	4 57	7 30	2 2	18 58	5 20	22 8	1 25	21 50	0 16	20 11	1 13	23 55	0 17	9 53	1 57	26 40	16 41	23 27	23 28	15 57		n.a.
T 30	1n55	0s53	4s44	8s 7	2s 7	19s14	5s23	22n 2	1n25	21n50	0s16	20n11	1s13	23n55	0n17	9n52	1s57	26n39	16n41	23n26	23n28	15s55		n.a.

Julian Day Number = 1269486.5, Delta T = 08h18m32s
Ecliptic obliquity = 23°50'31, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'10, Lahiri = -21°02'10 Julian Calendar 1 Sept. 1238 BCE == Greg. Calendar 21 Aug. 1238 BCE

The year -1237 astronomical counting style corresponds to year 1238 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1238 BCE
geocentric

OCTOBER 1238 BCE (-1237) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 51 21	26♍14'27	20♈43	16♎45	7♏51	29♋54	8♊35	4°R24	22♊29	0°R 6	1♍21	19°R32	19♊58	0♓51	n.a.	F 1
S 2	23 55 17	27°14'56	3♉ 2	18° 5	8°26	0♌29	8°36	4♊23	22°29	0♉ 4	1°23	19♊22	19°55	0°58	n.a.	S 2
S 3	23 59 14	28°15'28	15°30	19°23	9° 0	1° 5	8°37	4°23	22°30	0° 3	1°25	19°15	19°51	1° 5	n.a.	S 3
M 4	0 3 10	29°16'01	28°10	20°39	9°32	1°40	8°38	4°22	22°30	0° 2	1°27	19°11	19°48	1°11	n.a.	M 4
T 5	0 7 7	0♎16'36	11♊ 4	21°54	10° 3	2°15	8°39	4°22	22°30	0° 0	1°29	19°10	19°45	1°18	n.a.	T 5
W 6	0 11 3	1°17'13	24°14	23° 8	10°33	2°50	8°39	4°21	22°31	29♈59	1°32	19°10	19°42	1°25	n.a.	W 6
T 7	0 15 0	2°17'52	7♋46	24°19	11° 0	3°25	8°39	4°20	22°31	29°57	1°34	19°10	19°39	1°31	n.a.	T 7
F 8	0 18 57	3°18'33	21°39	25°28	11°27	4° 0	8°R39	4°19	22°31	29°56	1°36	19° 9	19°36	1°38	n.a.	F 8
S 9	0 22 53	4°19'16	5♌56	26°34	11°51	4°35	8°39	4°18	22°31	29°54	1°38	19° 5	19°32	1°45	n.a.	S 9
S 10	0 26 50	5°20'01	20°35	27°38	12°14	5°10	8°39	4°16	22°R31	29°53	1°40	18°59	19°29	1°52	n.a.	S 10
M11	0 30 46	6°20'47	5♍31	28°39	12°35	5°45	8°38	4°15	22°31	29°51	1°42	18°51	19°26	1°58	n.a.	M11
T 12	0 34 43	7°21'35	20°37	29°35	12°53	6°19	8°37	4°13	22°31	29°50	1°44	18°40	19°23	2° 5	n.a.	T 12
W13	0 38 39	8°22'25	5♎42	0♏28	13°10	6°54	8°36	4°12	22°31	29°48	1°46	18°29	19°20	2°12	n.a.	W13
T 14	0 42 36	9°23'16	20°36	1°16	13°25	7°29	8°35	4°10	22°31	29°47	1°48	18°19	19°16	2°18	n.a.	T 14
F 15	0 46 32	10°24'09	5♏11	1°59	13°38	8° 3	8°34	4° 8	22°31	29°45	1°50	18°10	19°13	2°25	n.a.	F 15
S 16	0 50 29	11°25'02	19°20	2°36	13°49	8°37	8°32	4° 6	22°30	29°44	1°52	18° 4	19°10	2°32	n.a.	S 16
S 17	0 54 26	12°25'57	3♐ 0	3° 6	13°57	9°12	8°30	4° 4	22°30	29°42	1°54	18° 1	19° 7	2°39	n.a.	S 17
M18	0 58 22	13°26'53	16°12	3°29	14° 3	9°46	8°28	4° 2	22°29	29°40	1°56	18°D 0	19° 4	2°45	n.a.	M18
T 19	1 2 19	14°27'51	28°58	3°44	14° 7	10°20	8°26	4° 0	22°29	29°39	1°58	18° 0	19° 1	2°52	n.a.	T 19
W20	1 6 15	15°28'49	11♑23	3°R50	14°R 9	10°55	8°24	3°57	22°29	29°37	2° 0	18°R 1	18°57	2°59	n.a.	W20
T 21	1 10 12	16°29'48	23°32	3°46	14° 8	11°29	8°21	3°55	22°28	29°35	2° 2	18° 1	18°54	3° 5	n.a.	T 21
F 22	1 14 8	17°30'48	5♒30	3°31	14° 4	12° 3	8°19	3°52	22°27	29°34	2° 3	17°59	18°51	3°12	n.a.	F 22
S 23	1 18 5	18°31'48	17°22	3° 6	13°58	12°37	8°16	3°50	22°27	29°32	2° 5	17°54	18°48	3°19	n.a.	S 23
S 24	1 22 1	19°32'50	29°12	2°29	13°50	13°11	8°13	3°47	22°26	29°30	2° 7	17°48	18°45	3°26	n.a.	S 24
M25	1 25 58	20°33'53	11♓ 5	1°42	13°39	13°44	8° 9	3°44	22°25	29°29	2° 9	17°39	18°42	3°32	n.a.	M25
T 26	1 29 55	21°34'56	23° 4	0°44	13°25	14°18	8° 6	3°41	22°24	29°27	2°10	17°28	18°38	3°39	n.a.	T 26
W27	1 33 51	22°36'00	5♈10	29♎37	13°10	14°52	8° 2	3°38	22°23	29°25	2°12	17°17	18°35	3°46	n.a.	W27
T 28	1 37 48	23°37'05	17°25	28°23	12°51	15°25	7°58	3°35	22°22	29°24	2°14	17° 6	18°32	3°52	n.a.	T 28
F 29	1 41 44	24°38'11	29°49	27° 3	12°31	15°59	7°54	3°32	22°21	29°22	2°15	16°57	18°29	3°59	n.a.	F 29
S 30	1 45 41	25°39'18	12♉24	25°40	12° 8	16°32	7°50	3°28	22°20	29°20	2°17	16°49	18°26	4° 6	n.a.	S 30
S 31	1 49 37	26♎40'26	25♉10	24♎18	11♏43	17♌ 5	7♊45	3♊25	22♊19	29♈19	2♍19	16♊45	18♊22	4♓13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n31	4n16	4s17	8s43	2s12	19s29	5s26	21n55	1n26	21n50	0s16	20n11	1s13	23n55	0n18	9n52	1s57	26n38	16n41	23n25	23n27	15s53		n.a.
S 2	1 7	9 20	3 38	9 18	2 16	19 43	5 28	21 47	1 26	21 51	0 16	20 11	1 13	23 55	0 18	9 51	1 58	26 38	16 42	23 24	23 27	15 51		n.a.
S 3	0 42	14 5	2 48	9 52	2 21	19 56	5 30	21 40	1 27	21 51	0 16	20 11	1 13	23 55	0 18	9 51	1 58	26 37	16 42	23 24	23 27	15 49		n.a.
M 4	0 18	18 19	1 49	10 25	2 24	20 9	5 33	21 33	1 28	21 51	0 16	20 10	1 13	23 55	0 18	9 50	1 58	26 37	16 42	23 24	23 27	15 47		n.a.
T 5	0s 7	21 46	0 43	10 57	2 28	20 21	5 34	21 26	1 28	21 51	0 16	20 10	1 13	23 55	0 18	9 50	1 58	26 36	16 43	23 23	23 26	15 44		n.a.
W 6	0 31	24 10	0n27	11 28	2 31	20 32	5 36	21 18	1 29	21 51	0 16	20 10	1 13	23 55	0 18	9 49	1 58	26 35	16 43	23 23	23 26	15 42		n.a.
T 7	0 56	25 13	1 37	11 58	2 34	20 42	5 37	21 10	1 30	21 51	0 16	20 10	1 13	23 55	0 18	9 49	1 58	26 35	16 43	23 23	23 26	15 40		n.a.
F 8	1 20	24 45	2 43	12 26	2 36	20 52	5 38	21 3	1 31	21 52	0 16	20 10	1 13	23 55	0 18	9 48	1 58	26 34	16 43	23 23	23 26	15 38		n.a.
S 9	1 45	22 40	3 41	12 52	2 38	21 0	5 39	20 55	1 31	21 52	0 16	20 9	1 13	23 55	0 18	9 48	1 58	26 34	16 44	23 23	23 25	15 35		n.a.
S 10	2 9	19 3	4 26	13 16	2 39	21 8	5 39	20 47	1 32	21 52	0 15	20 9	1 13	23 55	0 18	9 47	1 58	26 33	16 44	23 23	23 25	15 33		n.a.
M11	2 34	14 10	4 53	13 39	2 40	21 14	5 39	20 39	1 33	21 52	0 15	20 9	1 13	23 55	0 18	9 47	1 58	26 33	16 44	23 22	23 25	15 31		n.a.
T 12	2 58	8 23	5 1	13 59	2 39	21 20	5 39	20 31	1 33	21 52	0 15	20 9	1 13	23 55	0 18	9 46	1 58	26 32	16 45	23 21	23 25	15 29		n.a.
W13	3 22	2 6	4 48	14 17	2 38	21 25	5 38	20 22	1 34	21 52	0 15	20 8	1 13	23 55	0 18	9 45	1 58	26 32	16 45	23 20	23 24	15 27		n.a.
T 14	3 47	4s14	4 16	14 33	2 36	21 28	5 37	20 14	1 35	21 52	0 15	20 8	1 14	23 55	0 18	9 45	1 58	26 31	16 45	23 19	23 24	15 24		n.a.
F 15	4 11	10 14	3 27	14 45	2 33	21 31	5 36	20 6	1 35	21 51	0 15	20 8	1 14	23 55	0 18	9 44	1 58	26 31	16 46	23 18	23 24	15 22		n.a.
S 16	4 35	15 31	2 26	14 54	2 29	21 32	5 34	19 57	1 36	21 51	0 15	20 7	1 14	23 55	0 18	9 44	1 58	26 31	16 46	23 18	23 24	15 20		n.a.
S 17	5 0	19 49	1 19	15 0	2 24	21 33	5 31	19 48	1 37	21 51	0 15	20 7	1 14	23 55	0 18	9 43	1 58	26 30	16 46	23 17	23 23	15 18		n.a.
M18	5 24	22 57	0 10	15 2	2 17	21 32	5 28	19 40	1 37	21 51	0 15	20 6	1 14	23 55	0 18	9 42	1 58	26 30	16 47	23 17	23 23	15 15		n.a.
T 19	5 48	24 48	0s58	15 0	2 9	21 30	5 25	19 31	1 38	21 51	0 15	20 6	1 14	23 55	0 18	9 42	1 58	26 30	16 47	23 17	23 23	15 13		n.a.
W20	6 12	25 22	2 1	14 53	2 0	21 27	5 21	19 22	1 39	21 50	0 14	20 5	1 14	23 55	0 18	9 41	1 58	26 29	16 48	23 17	23 22	15 11		n.a.
T 21	6 35	24 40	2 58	14 41	1 49	21 22	5 17	19 13	1 39	21 50	0 14	20 5	1 14	23 55	0 18	9 41	1 58	26 29	16 48	23 17	23 22	15 8		n.a.
F 22	6 59	22 51	3 45	14 24	1 36	21 16	5 12	19 4	1 40	21 50	0 14	20 4	1 14	23 55	0 18	9 40	1 58	26 28	16 48	23 17	23 22	15 6		n.a.
S 23	7 23	20 3	4 23	14 2	1 22	21 9	5 6	18 55	1 41	21 49	0 14	20 4	1 14	23 55	0 18	9 40	1 58	26 28	16 49	23 17	23 22	15 4		n.a.
S 24	7 46	16 26	4 49	13 35	1 6	21 1	5 0	18 46	1 42	21 49	0 14	20 3	1 14	23 55	0 18	9 39	1 58	26 28	16 49	23 16	23 21	15 2		n.a.
M25	8 10	12 10	5 2	13 2	0 49	20 51	4 53	18 37	1 42	21 48	0 14	20 3	1 14	23 55	0 18	9 38	1 58	26 28	16 50	23 15	23 21	14 59		n.a.
T 26	8 33	7 25	5 3	12 24	0 30	20 39	4 45	18 27	1 43	21 48	0 14	20 2	1 14	23 55	0 18	9 38	1 58	26 27	16 50	23 14	23 21	14 57		n.a.
W27	8 56	2 20	4 50	11 41	0 11	20 27	4 37	18 18	1 44	21 48	0 14	20 2	1 14	23 55	0 18	9 37	1 58	26 27	16 51	23 13	23 21	14 55		n.a.
T 28	9 19	2n54	4 23	10 55	0n10	20 13	4 29	18 9	1 44	21 47	0 14	20 1	1 14	23 55	0 18	9 36	1 58	26 27	16 51	23 12	23 20	14 52		n.a.
F 29	9 42	8 6	3 44	10 7	0 30	19 57	4 19	17 59	1 45	21 46	0 13	20 1	1 14	23 55	0 18	9 36	1 58	26 27	16 51	23 11	23 20	14 50		n.a.
S 30	10 5	13 4	2 53	9 18	0 51	19 41	4 9	17 50	1 46	21 46	0 13	20 0	1 14	23 55	0 18	9 35	1 58	26 26	16 52	23 11	23 20	14 48		n.a.
S 31	10s27	17n33	1s53	8s29	1n10	19s23	3s59	17n40	1n47	21n45	0s13	19n59	1s14	23n55	0n18	9n35	1s58	26n26	16n52	23n10	23n19	14s46		n.a.

Julian Day Number = 1269516.5, Delta T = 08h18m31s
Ecliptic obliquity = 23°50'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'06, Lahiri = -21°02'06 Julian Calendar 1 Oct. 1238 BCE == Greg. Calendar 20 Sept. 1238 BCE

The year -1237 astronomical counting style corresponds to year 1238 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1238 BCE
geocentric

NOVEMBER 1238 BCE (-1237) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 53 34	27♎41'35	8♊ 6	22°R58	11°R16	17♌39	7°R41	3°R22	22°R18	29°R17	2♍20	16°R42	18♊19	4♓19	n.a.	M 1
T 2	1 57 30	28°42'46	21°14	21♎44	10♏47	18°12	7♊36	3♊18	22♊17	29♈15	2°22	16°D42	18°16	4°26	n.a.	T 2
W 3	2 1 27	29°43'57	4♋35	20°37	10°16	18°45	7°31	3°14	22°16	29°14	2°23	16♊43	18°13	4°33	n.a.	W 3
T 4	2 5 24	0♏45'09	18°10	19°40	9°44	19°18	7°26	3°11	22°14	29°12	2°25	16°44	18°10	4°40	n.a.	T 4
F 5	2 9 20	1°46'22	1♌59	18°53	9°11	19°51	7°21	3° 7	22°13	29°10	2°26	16°R45	18° 7	4°46	n.a.	F 5
S 6	2 13 17	2°47'36	16° 5	18°17	8°36	20°24	7°15	3° 3	22°12	29° 8	2°28	16°44	18° 3	4°53	n.a.	S 6
S 7	2 17 13	3°48'50	0♍25	17°52	8° 1	20°56	7°10	2°59	22°10	29° 7	2°29	16°41	18° 0	5° 0	n.a.	S 7
M 8	2 21 10	4°50'06	14°56	17°38	7°25	21°29	7° 4	2°55	22° 9	29° 5	2°30	16°37	17°57	5° 6	n.a.	M 8
T 9	2 25 6	5°51'22	29°35	17°D35	6°49	22° 1	6°58	2°51	22° 7	29° 3	2°32	16°31	17°54	5°13	n.a.	T 9
W10	2 29 3	6°52'39	14♎15	17°42	6°12	22°34	6°52	2°47	22° 6	29° 2	2°33	16°24	17°51	5°20	n.a.	W10
T 11	2 33 0	7°53'57	28°47	17°57	5°36	23° 6	6°46	2°42	22° 4	29° 0	2°34	16°18	17°47	5°27	n.a.	T 11
F 12	2 36 56	8°55'15	13♏ 7	18°21	5° 0	23°38	6°39	2°38	22° 2	28°58	2°36	16°13	17°44	5°33	n.a.	F 12
S 13	2 40 53	9°56'33	27° 7	18°53	4°25	24°10	6°33	2°34	22° 1	28°57	2°37	16° 9	17°41	5°40	n.a.	S 13
S 14	2 44 49	10°57'52	10♐44	19°31	3°50	24°42	6°26	2°29	21°59	28°55	2°38	16°D 8	17°38	5°47	n.a.	S 14
M15	2 48 46	11°59'11	23°57	20°15	3°17	25°14	6°20	2°25	21°57	28°53	2°39	16° 8	17°35	5°53	n.a.	M15
T 16	2 52 42	13° 0'30	6♑47	21° 4	2°45	25°46	6°13	2°20	21°55	28°52	2°40	16° 9	17°32	6° 0	n.a.	T 16
W17	2 56 39	14° 1'49	19°17	21°58	2°14	26°17	6° 6	2°16	21°53	28°50	2°41	16°11	17°28	6° 7	n.a.	W17
T 18	3 0 35	15° 3'08	1♒29	22°56	1°46	26°49	5°59	2°11	21°52	28°48	2°42	16°13	17°25	6°14	n.a.	T 18
F 19	3 4 32	16° 4'26	13°30	23°57	1°19	27°20	5°52	2° 7	21°50	28°47	2°43	16°R13	17°22	6°20	n.a.	F 19
S 20	3 8 29	17° 5'45	25°24	25° 2	0°54	27°51	5°44	2° 2	21°48	28°45	2°44	16°13	17°19	6°27	n.a.	S 20
S 21	3 12 25	18° 7'03	7♓16	26°10	0°31	28°22	5°37	1°57	21°46	28°44	2°45	16°11	17°16	6°34	n.a.	S 21
M22	3 16 22	19° 8'20	19°10	27°20	0°10	28°53	5°29	1°52	21°44	28°42	2°46	16° 8	17°13	6°41	n.a.	M22
T 23	3 20 18	20° 9'38	1♈11	28°33	29♎52	29°24	5°22	1°48	21°41	28°40	2°47	16° 5	17° 9	6°47	n.a.	T 23
W24	3 24 15	21°10'55	13°22	29°47	29°36	29°55	5°14	1°43	21°39	28°39	2°48	16° 0	17° 6	6°54	n.a.	W24
T 25	3 28 11	22°12'12	25°45	1♏ 3	29°22	0♍25	5° 7	1°38	21°37	28°37	2°49	15°56	17° 3	7° 1	n.a.	T 25
F 26	3 32 8	23°13'28	8♉23	2°21	29°11	0°56	4°59	1°33	21°35	28°36	2°50	15°52	17° 0	7° 7	n.a.	F 26
S 27	3 36 5	24°14'45	21°15	3°40	29° 3	1°26	4°51	1°28	21°33	28°34	2°50	15°49	16°57	7°14	n.a.	S 27
S 28	3 40 1	25°16'01	4♊22	5° 0	28°57	1°56	4°43	1°23	21°31	28°33	2°51	15°48	16°53	7°21	n.a.	S 28
M29	3 43 58	26°17'17	17°43	6°22	28°54	2°26	4°35	1°18	21°28	28°31	2°52	15°D48	16°50	7°28	n.a.	M29
T 30	3 47 54	27♏18'33	1♋16	7♏44	28°D53	2♍56	4♊27	1♊13	21♊26	28♈30	2♍52	15♊48	16♊47	7♓34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10s50	21n16	0s46	7s42	1n29	19s 3	3s47	17n30	1n47	21n45	0s13	19n59	1s14	23n55	0n18	9n34	1s58	26n26	16n53	23n10	23n19	14s43		n.a.
T 2	11 12	23 57	0n24	6 59	1 46	18 43	3 36	17 21	1 48	21 44	0 13	19 58	1 14	23 55	0 18	9 33	1 58	26 26	16 53	23 10	23 19	14 41		n.a.
W 3	11 34	25 21	1 35	6 20	2 0	18 21	3 23	17 11	1 49	21 43	0 13	19 57	1 14	23 55	0 18	9 33	1 58	26 26	16 54	23 10	23 19	14 39		n.a.
T 4	11 56	25 15	2 42	5 46	2 13	17 58	3 10	17 1	1 50	21 42	0 13	19 57	1 14	23 55	0 18	9 32	1 58	26 26	16 54	23 10	23 18	14 36		n.a.
F 5	12 17	23 37	3 40	5 18	2 24	17 35	2 57	16 51	1 50	21 42	0 13	19 56	1 14	23 55	0 18	9 32	1 58	26 26	16 55	23 10	23 18	14 34		n.a.
S 6	12 39	20 30	4 26	4 57	2 32	17 10	2 43	16 41	1 51	21 41	0 12	19 55	1 13	23 55	0 18	9 31	1 58	26 26	16 55	23 10	23 18	14 32		n.a.
S 7	13 0	16 7	4 57	4 41	2 39	16 45	2 28	16 31	1 52	21 40	0 12	19 54	1 13	23 55	0 18	9 30	1 58	26 25	16 56	23 10	23 17	14 29		n.a.
M 8	13 21	10 46	5 9	4 32	2 43	16 19	2 14	16 21	1 53	21 39	0 12	19 54	1 13	23 55	0 18	9 30	1 58	26 25	16 56	23 9	23 17	14 27		n.a.
T 9	13 42	4 45	5 1	4 28	2 46	15 53	1 59	16 11	1 53	21 38	0 12	19 53	1 13	23 55	0 18	9 29	1 58	26 25	16 57	23 9	23 17	14 24		n.a.
W10	14 2	1s31	4 34	4 29	2 47	15 26	1 43	16 1	1 54	21 38	0 12	19 52	1 13	23 55	0 19	9 29	1 58	26 25	16 57	23 8	23 17	14 22		n.a.
T 11	14 23	7 40	3 49	4 35	2 47	14 59	1 28	15 51	1 55	21 37	0 12	19 51	1 13	23 55	0 19	9 28	1 58	26 25	16 58	23 7	23 16	14 20		n.a.
F 12	14 43	13 21	2 50	4 46	2 46	14 32	1 12	15 41	1 56	21 36	0 12	19 50	1 13	23 54	0 19	9 27	1 58	26 25	16 58	23 7	23 16	14 17		n.a.
S 13	15 2	18 12	1 42	5 0	2 44	14 6	0 57	15 31	1 57	21 35	0 12	19 50	1 13	23 54	0 19	9 27	1 58	26 25	16 59	23 7	23 16	14 15		n.a.
S 14	15 22	21 57	0 29	5 18	2 40	13 39	0 41	15 21	1 57	21 34	0 11	19 49	1 13	23 54	0 19	9 26	1 58	26 25	16 59	23 6	23 15	14 13		n.a.
M15	15 41	24 25	0s43	5 38	2 36	13 13	0 26	15 11	1 58	21 33	0 11	19 48	1 13	23 54	0 19	9 26	1 58	26 25	17 0	23 6	23 15	14 10		n.a.
T 16	16 0	25 30	1 50	6 1	2 31	12 47	0 10	15 0	1 59	21 32	0 11	19 47	1 13	23 54	0 19	9 25	1 58	26 26	17 1	23 7	23 15	14 8		n.a.
W17	16 19	25 15	2 51	6 27	2 26	12 23	0n 5	14 50	2 0	21 30	0 11	19 46	1 13	23 54	0 19	9 25	1 58	26 26	17 1	23 7	23 14	14 5		n.a.
T 18	16 37	23 47	3 43	6 54	2 20	11 58	0 20	14 40	2 1	21 29	0 11	19 45	1 13	23 54	0 19	9 24	1 58	26 26	17 2	23 7	23 14	14 3		n.a.
F 19	16 56	21 15	4 24	7 23	2 14	11 35	0 35	14 30	2 1	21 28	0 11	19 45	1 13	23 54	0 19	9 23	1 58	26 26	17 2	23 7	23 14	14 1		n.a.
S 20	17 13	17 51	4 53	7 53	2 7	11 13	0 49	14 20	2 2	21 27	0 11	19 44	1 13	23 54	0 19	9 23	1 58	26 26	17 3	23 7	23 14	13 58		n.a.
S 21	17 31	13 45	5 9	8 24	2 1	10 52	1 3	14 9	2 3	21 26	0 10	19 43	1 13	23 54	0 19	9 22	1 58	26 26	17 3	23 7	23 13	13 56		n.a.
M22	17 48	9 8	5 13	8 56	1 54	10 32	1 16	13 59	2 4	21 25	0 10	19 42	1 13	23 53	0 19	9 22	1 58	26 26	17 4	23 6	23 13	13 53		n.a.
T 23	18 5	4 8	5 2	9 29	1 46	10 13	1 29	13 49	2 5	21 23	0 10	19 41	1 13	23 53	0 19	9 21	1 58	26 26	17 5	23 6	23 13	13 51		n.a.
W24	18 21	1n 6	4 38	10 3	1 39	9 56	1 42	13 39	2 5	21 22	0 10	19 40	1 13	23 53	0 19	9 21	1 58	26 27	17 5	23 6	23 12	13 49		n.a.
T 25	18 38	6 23	4 1	10 37	1 31	9 40	1 54	13 28	2 6	21 21	0 10	19 39	1 13	23 53	0 19	9 20	1 58	26 27	17 6	23 5	23 12	13 46		n.a.
F 26	18 53	11 31	3 11	11 11	1 24	9 25	2 6	13 18	2 7	21 20	0 10	19 38	1 12	23 53	0 19	9 20	1 57	26 27	17 6	23 5	23 12	13 44		n.a.
S 27	19 9	16 16	2 11	11 46	1 16	9 12	2 17	13 8	2 8	21 18	0 10	19 37	1 12	23 53	0 19	9 19	1 57	26 27	17 7	23 4	23 11	13 41		n.a.
S 28	19 24	20 21	1 3	12 20	1 8	9 0	2 27	12 58	2 9	21 17	0 9	19 36	1 12	23 53	0 19	9 19	1 57	26 28	17 7	23 4	23 11	13 39		n.a.
M29	19 39	23 26	0n11	12 55	1 1	8 49	2 37	12 48	2 10	21 16	0 9	19 35	1 12	23 53	0 19	9 18	1 57	26 28	17 8	23 4	23 11	13 37		n.a.
T 30	19s53	25n14	1n24	13s30	0n53	8s40	2n47	12n37	2n11	21n14	0s 9	19n34	1s12	23n52	0n19	9n18	1s57	26n28	17n 9	23n 4	23n10	13s34		n.a.

Julian Day Number = 1269547.5, Delta T = 08h18m29s
Ecliptic obliquity = 23°50'32, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°09'02, Lahiri = -21°02'02 Julian Calendar 1 Nov. 1238 BCE == Greg. Calendar 21 Oct. 1238 BCE

The year -1237 astronomical counting style corresponds to year 1238 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1238 BCE
geocentric

DECEMBER 1238 BCE (-1237) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 51 51	28♏19'48	14♋59	9♏ 8	28♎54	3♍25	4°R19	1°R 8	21°R24	28°R28	2♍53	15♊49	16♊44	7♓41	n.a.	W 1
T 2	3 55 47	29°21'03	28°52	10°32	28°58	3°55	4♊11	1♊ 3	21♊21	28♈27	2°54	15°51	16°41	7°48	n.a.	T 2
F 3	3 59 44	0♐22'19	12♌53	11°58	29° 4	4°24	4° 3	0°58	21°19	28°26	2°54	15°52	16°38	7°54	n.a.	F 3
S 4	4 3 40	1°23'33	27° 0	13°24	29°13	4°54	3°55	0°53	21°17	28°24	2°55	15°R52	16°34	8° 1	n.a.	S 4
S 5	4 7 37	2°24'48	11♍11	14°50	29°24	5°23	3°47	0°48	21°14	28°23	2°55	15°52	16°31	8° 8	n.a.	S 5
M 6	4 11 34	3°26'02	25°25	16°18	29°37	5°51	3°39	0°43	21°12	28°22	2°55	15°51	16°28	8°15	n.a.	M 6
T 7	4 15 30	4°27'16	9♎38	17°46	29°52	6°20	3°31	0°39	21° 9	28°20	2°56	15°50	16°25	8°21	n.a.	T 7
W 8	4 19 27	5°28'30	23°47	19°14	0♏10	6°49	3°23	0°34	21° 7	28°19	2°56	15°49	16°22	8°28	n.a.	W 8
T 9	4 23 23	6°29'43	7♏50	20°44	0°29	7°17	3°15	0°29	21° 4	28°18	2°57	15°48	16°19	8°35	n.a.	T 9
F 10	4 27 20	7°30'55	21°41	22°14	0°50	7°45	3° 7	0°24	21° 2	28°16	2°57	15°47	16°15	8°42	n.a.	F 10
S 11	4 31 16	8°32'07	5♐19	23°44	1°14	8°13	2°59	0°19	20°59	28°15	2°57	15°46	16°12	8°48	n.a.	S 11
S 12	4 35 13	9°33'18	18°40	25°15	1°39	8°41	2°51	0°14	20°57	28°14	2°57	15°D46	16° 9	8°55	n.a.	S 12
M13	4 39 10	10°34'29	1♑44	26°47	2° 5	9° 8	2°43	0° 9	20°54	28°13	2°57	15°46	16° 6	9° 2	n.a.	M13
T 14	4 43 6	11°35'38	14°30	28°19	2°34	9°35	2°35	0° 4	20°52	28°12	2°58	15°47	16° 3	9° 8	n.a.	T 14
W15	4 47 3	12°36'46	26°59	29°52	3° 4	10° 3	2°27	29♉59	20°49	28°10	2°58	15°47	15°59	9°15	n.a.	W15
T 16	4 50 59	13°37'53	9♒13	1♐25	3°35	10°29	2°19	29°55	20°46	28° 9	2°58	15°47	15°56	9°22	n.a.	T 16
F 17	4 54 56	14°38'59	21°16	2°59	4° 8	10°56	2°11	29°50	20°44	28° 8	2°R58	15°48	15°53	9°29	n.a.	F 17
S 18	4 58 52	15°40'03	3♓11	4°34	4°43	11°23	2° 4	29°45	20°41	28° 7	2°58	15°R48	15°50	9°35	n.a.	S 18
S 19	5 2 49	16°41'06	15° 3	6° 9	5°19	11°49	1°56	29°41	20°39	28° 6	2°58	15°D48	15°47	9°42	n.a.	S 19
M20	5 6 45	17°42'08	26°57	7°45	5°56	12°15	1°48	29°36	20°36	28° 5	2°58	15°48	15°44	9°49	n.a.	M20
T 21	5 10 42	18°43'08	8♈58	9°21	6°34	12°40	1°41	29°31	20°33	28° 4	2°58	15°48	15°40	9°56	n.a.	T 21
W22	5 14 39	19°44'07	21° 9	10°58	7°14	13° 6	1°34	29°27	20°31	28° 3	2°57	15°48	15°37	10° 2	n.a.	W22
T 23	5 18 35	20°45'04	3♉35	12°36	7°55	13°31	1°26	29°22	20°28	28° 2	2°57	15°49	15°34	10° 9	n.a.	T 23
F 24	5 22 32	21°46'00	16°20	14°14	8°37	13°56	1°19	29°18	20°25	28° 2	2°57	15°49	15°31	10°16	n.a.	F 24
S 25	5 26 28	22°46'55	29°24	15°54	9°20	14°21	1°12	29°14	20°23	28° 1	2°57	15°50	15°28	10°22	n.a.	S 25
S 26	5 30 25	23°47'48	12♊48	17°33	10° 4	14°45	1° 5	29° 9	20°20	28° 0	2°57	15°R50	15°25	10°29	n.a.	S 26
M27	5 34 21	24°48'40	26°32	19°14	10°49	15° 9	0°58	29° 5	20°18	27°59	2°56	15°50	15°21	10°36	n.a.	M27
T 28	5 38 18	25°49'30	10♋33	20°55	11°35	15°33	0°52	29° 1	20°15	27°58	2°56	15°49	15°18	10°43	n.a.	T 28
W29	5 42 15	26°50'19	24°47	22°37	12°22	15°57	0°45	28°57	20°12	27°58	2°55	15°48	15°15	10°49	n.a.	W29
T 30	5 46 11	27°51'07	9♌ 9	24°20	13°10	16°20	0°38	28°53	20°10	27°57	2°55	15°47	15°12	10°56	n.a.	T 30
F 31	5 50 8	28♐51'54	23♌34	26♐ 4	13♏58	16♍43	0♊32	28♉49	20♊ 7	27♈56	2♍55	15♊45	15♊ 9	11♓ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20s 7	25n32	2n34	14s 4	0n45	8s32	2n56	12n27	2n11	21n13	0s 9	19n34	1s12	23n52	0n19	9n17	1s57	26n28	17n 9	23n 4	23n10	13s32			n.a.
T 2	20 21	24 15	3 36	14 38	0 38	8 25	3 4	12 17	2 12	21 12	0 9	19 33	1 12	23 52	0 19	9 17	1 57	26 29	17 10	23 5	23 10	13 29			n.a.
F 3	20 34	21 28	4 25	15 12	0 30	8 20	3 12	12 7	2 13	21 10	0 9	19 32	1 12	23 52	0 19	9 16	1 57	26 29	17 10	23 5	23 9	13 27			n.a.
S 4	20 47	17 23	4 59	15 46	0 22	8 16	3 20	11 57	2 14	21 9	0 8	19 31	1 12	23 52	0 19	9 16	1 57	26 29	17 11	23 5	23 9	13 24			n.a.
S 5	21 0	12 20	5 15	16 19	0 15	8 13	3 27	11 47	2 15	21 8	0 8	19 30	1 12	23 52	0 19	9 15	1 57	26 30	17 12	23 5	23 9	13 22			n.a.
M 6	21 12	6 36	5 12	16 52	0 8	8 12	3 34	11 37	2 16	21 6	0 8	19 29	1 11	23 52	0 19	9 15	1 57	26 30	17 12	23 5	23 8	13 19			n.a.
T 7	21 23	0 33	4 49	17 25	0 0	8 12	3 40	11 27	2 17	21 5	0 8	19 28	1 11	23 51	0 19	9 15	1 57	26 31	17 13	23 4	23 8	13 17			n.a.
W 8	21 35	5s31	4 10	17 56	0s 7	8 12	3 45	11 17	2 18	21 3	0 8	19 27	1 11	23 51	0 19	9 14	1 57	26 31	17 13	23 4	23 8	13 14			n.a.
T 9	21 45	11 17	3 15	18 28	0 14	8 14	3 51	11 7	2 19	21 2	0 8	19 26	1 11	23 51	0 19	9 14	1 57	26 31	17 14	23 4	23 7	13 12			n.a.
F 10	21 56	16 25	2 9	18 58	0 21	8 17	3 55	10 57	2 19	21 1	0 8	19 25	1 11	23 51	0 19	9 13	1 57	26 32	17 15	23 4	23 7	13 9			n.a.
S 11	22 6	20 36	0 58	19 28	0 28	8 21	4 0	10 47	2 20	20 59	0 7	19 24	1 11	23 51	0 19	9 13	1 57	26 32	17 15	23 4	23 7	13 7			n.a.
S 12	22 15	23 37	0s16	19 57	0 34	8 26	4 4	10 38	2 21	20 58	0 7	19 23	1 11	23 51	0 19	9 13	1 57	26 33	17 16	23 4	23 6	13 4			n.a.
M13	22 24	25 17	1 27	20 25	0 41	8 32	4 7	10 28	2 22	20 56	0 7	19 22	1 11	23 51	0 19	9 12	1 57	26 33	17 16	23 4	23 6	13 2			n.a.
T 14	22 33	25 34	2 33	20 53	0 47	8 39	4 11	10 18	2 23	20 55	0 7	19 22	1 10	23 50	0 19	9 12	1 57	26 34	17 17	23 4	23 6	12 59			n.a.
W15	22 41	24 32	3 29	21 19	0 53	8 46	4 14	10 9	2 24	20 53	0 7	19 21	1 10	23 50	0 19	9 11	1 57	26 34	17 17	23 4	23 5	12 57			n.a.
T 16	22 49	22 20	4 15	21 45	0 59	8 55	4 16	9 59	2 25	20 52	0 7	19 20	1 10	23 50	0 19	9 11	1 57	26 35	17 18	23 4	23 5	12 54			n.a.
F 17	22 56	19 12	4 49	22 10	1 5	9 4	4 18	9 50	2 26	20 51	0 6	19 19	1 10	23 50	0 19	9 11	1 57	26 35	17 19	23 4	23 5	12 52			n.a.
S 18	23 3	15 18	5 10	22 33	1 10	9 14	4 20	9 40	2 27	20 49	0 6	19 18	1 10	23 50	0 19	9 10	1 56	26 36	17 19	23 4	23 4	12 49			n.a.
S 19	23 10	10 50	5 17	22 56	1 15	9 24	4 22	9 31	2 28	20 48	0 6	19 17	1 10	23 49	0 19	9 10	1 56	26 36	17 20	23 4	23 4	12 47			n.a.
M20	23 16	5 58	5 11	23 17	1 20	9 35	4 23	9 22	2 29	20 46	0 6	19 16	1 10	23 49	0 19	9 10	1 56	26 37	17 20	23 4	23 4	12 44			n.a.
T 21	23 21	0 51	4 52	23 38	1 25	9 47	4 24	9 13	2 30	20 45	0 6	19 15	1 9	23 49	0 19	9 10	1 56	26 38	17 21	23 4	23 3	12 42			n.a.
W22	23 26	4n24	4 19	23 57	1 30	9 59	4 25	9 4	2 31	20 44	0 6	19 15	1 9	23 49	0 19	9 9	1 56	26 38	17 22	23 4	23 3	12 39			n.a.
T 23	23 31	9 35	3 33	24 15	1 34	10 12	4 26	8 55	2 32	20 42	0 5	19 14	1 9	23 49	0 19	9 9	1 56	26 39	17 22	23 4	23 3	12 37			n.a.
F 24	23 35	14 30	2 36	24 31	1 38	10 25	4 26	8 46	2 33	20 41	0 5	19 13	1 9	23 49	0 19	9 9	1 56	26 39	17 23	23 4	23 2	12 34			n.a.
S 25	23 38	18 54	1 30	24 46	1 42	10 39	4 26	8 37	2 34	20 40	0 5	19 12	1 9	23 48	0 19	9 8	1 56	26 40	17 23	23 4	23 2	12 32			n.a.
S 26	23 42	22 26	0 17	25 0	1 45	10 53	4 26	8 28	2 35	20 38	0 5	19 11	1 9	23 48	0 19	9 8	1 56	26 41	17 24	23 4	23 2	12 29			n.a.
M27	23 44	24 47	0n59	25 12	1 48	11 7	4 25	8 20	2 36	20 37	0 5	19 11	1 9	23 48	0 19	9 8	1 56	26 41	17 24	23 4	23 1	12 27			n.a.
T 28	23 46	25 37	2 13	25 22	1 51	11 22	4 25	8 11	2 37	20 36	0 5	19 10	1 8	23 48	0 19	9 8	1 56	26 42	17 25	23 4	23 1	12 24			n.a.
W29	23 48	24 48	3 19	25 31	1 53	11 37	4 24	8 3	2 38	20 35	0 4	19 9	1 8	23 48	0 19	9 8	1 56	26 43	17 26	23 4	23 1	12 22			n.a.
T 30	23 49	22 20	4 14	25 39	1 56	11 53	4 23	7 54	2 39	20 33	0 4	19 8	1 8	23 47	0 19	9 7	1 56	26 43	17 26	23 4	23 0	12 19			n.a.
F 31	23s50	18n29	4n53	25s44	1s57	12s 9	4n21	7n46	2n40	20n32	0s 4	19n 8	1s 8	23n47	0n19	9n 7	1s56	26n44	17n27	23n 4	23n 0	12s16			n.a.

Julian Day Number = 1269577.5, Delta T = 08h18m27s
Ecliptic obliquity = 23°50'31, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'58, Lahiri = -21°01'58 Julian Calendar 1 Dec. 1238 BCE == Greg. Calendar 20 Nov. 1238 BCE

The year -1237 astronomical counting style corresponds to year 1238 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1237 BCE
geocentric

JANUARY 1237 BCE (-1236) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 54 4	29♐52'39	7♍57	27♐48	14♏48	17♍ 6	0°R26	28°R45	20°R 5	27°R56	2°R54	15°R44	15♊ 5	11♓10	n.a.	S 1
S 2	5 58 1	0♑53'23	22°15	29°33	15°38	17°29	0♊20	28♉41	20♊ 2	27♈55	2♍54	15♊43	15° 2	11°16	n.a.	S 2
M 3	6 1 57	1°54'05	6♎24	1♑20	16°29	17°51	0°14	28°37	20° 0	27°55	2°53	15°D43	14°59	11°23	n.a.	M 3
T 4	6 5 54	2°54'47	20°22	3° 6	17°21	18°13	0° 8	28°34	19°57	27°54	2°52	15°43	14°56	11°30	n.a.	T 4
W 5	6 9 50	3°55'27	4♏10	4°54	18°14	18°34	0° 2	28°30	19°54	27°54	2°52	15°45	14°53	11°36	n.a.	W 5
T 6	6 13 47	4°56'05	17°45	6°42	19° 7	18°55	29♉57	28°27	19°52	27°53	2°51	15°46	14°50	11°43	n.a.	T 6
F 7	6 17 44	5°56'43	1♐ 8	8°31	20° 1	19°16	29°52	28°23	19°49	27°53	2°50	15°47	14°46	11°50	n.a.	F 7
S 8	6 21 40	6°57'19	14°19	10°21	20°55	19°36	29°46	28°20	19°47	27°52	2°50	15°R48	14°43	11°57	n.a.	S 8
S 9	6 25 37	7°57'53	27°18	12°11	21°50	19°56	29°41	28°17	19°44	27°52	2°49	15°47	14°40	12° 3	n.a.	S 9
M10	6 29 33	8°58'26	10♑ 4	14° 2	22°46	20°16	29°37	28°13	19°42	27°52	2°48	15°46	14°37	12°10	n.a.	M10
T 11	6 33 30	9°58'57	22°37	15°54	23°42	20°35	29°32	28°10	19°40	27°51	2°47	15°43	14°34	12°17	n.a.	T 11
W12	6 37 26	10°59'25	4♒59	17°46	24°39	20°54	29°27	28° 7	19°37	27°51	2°47	15°39	14°31	12°23	n.a.	W12
T 13	6 41 23	11°59'52	17° 9	19°38	25°36	21°12	29°23	28° 5	19°35	27°51	2°46	15°34	14°27	12°30	n.a.	T 13
F 14	6 45 19	13° 0'17	29°10	21°30	26°33	21°31	29°19	28° 2	19°33	27°51	2°45	15°29	14°24	12°37	n.a.	F 14
S 15	6 49 16	14° 0'40	11♓ 5	23°22	27°31	21°48	29°15	27°59	19°30	27°50	2°44	15°25	14°21	12°44	n.a.	S 15
S 16	6 53 13	15° 1'01	22°57	25°14	28°30	22° 5	29°11	27°56	19°28	27°50	2°43	15°22	14°18	12°50	n.a.	S 16
M17	6 57 9	16° 1'20	4♈50	27° 5	29°29	22°22	29° 8	27°54	19°26	27°50	2°42	15°20	14°15	12°57	n.a.	M17
T 18	7 1 6	17° 1'36	16°48	28°56	0♐28	22°38	29° 4	27°52	19°23	27°50	2°41	15°D19	14°11	13° 4	n.a.	T 18
W19	7 5 2	18° 1'50	28°57	0♒45	1°28	22°54	29° 1	27°49	19°21	27°D50	2°40	15°19	14° 8	13°11	n.a.	W19
T 20	7 8 59	19° 2'02	11♉20	2°33	2°28	23°10	28°58	27°47	19°19	27°50	2°39	15°21	14° 5	13°17	n.a.	T 20
F 21	7 12 55	20° 2'12	24° 3	4°18	3°28	23°25	28°55	27°45	19°17	27°50	2°38	15°23	14° 2	13°24	n.a.	F 21
S 22	7 16 52	21° 2'20	7♊ 9	6° 1	4°29	23°39	28°52	27°43	19°15	27°50	2°37	15°24	13°59	13°31	n.a.	S 22
S 23	7 20 48	22° 2'25	20°41	7°42	5°30	23°53	28°50	27°41	19°13	27°50	2°35	15°R24	13°56	13°37	n.a.	S 23
M24	7 24 45	23° 2'29	4♋39	9°18	6°32	24° 6	28°48	27°39	19°11	27°50	2°34	15°22	13°52	13°44	n.a.	M24
T 25	7 28 42	24° 2'30	19° 0	10°51	7°34	24°19	28°46	27°38	19° 9	27°51	2°33	15°19	13°49	13°51	n.a.	T 25
W26	7 32 38	25° 2'29	3♌39	12°19	8°36	24°32	28°44	27°36	19° 7	27°51	2°32	15°14	13°46	13°58	n.a.	W26
T 27	7 36 35	26° 2'26	18°30	13°42	9°38	24°44	28°42	27°35	19° 5	27°51	2°31	15° 8	13°43	14° 4	n.a.	T 27
F 28	7 40 31	27° 2'21	3♍24	15° 0	10°41	24°55	28°40	27°33	19° 3	27°51	2°29	15° 2	13°40	14°11	n.a.	F 28
S 29	7 44 28	28° 2'14	18°12	16°11	11°44	25° 6	28°39	27°32	19° 1	27°52	2°28	14°56	13°37	14°18	n.a.	S 29
S 30	7 48 24	29° 2'05	2♎48	17°15	12°47	25°16	28°38	27°31	18°59	27°52	2°27	14°51	13°33	14°25	n.a.	S 30
M31	7 52 21	0♒ 1'55	17♎ 6	18♒12	13♐51	25♍26	28♉37	27♉30	18♊57	27♈52	2♍25	14♊49	13♊30	14♓31	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23 s50	13n33	5n13	25 s48	1 s59	12 s25	4n20	7n38	2n41	20n31	0 s 4	19n 7	1 s 8	23n47	0n19	9n 7	1 s56	26n45	17n27	23n 4	23n 0	12 s14		n.a.
S 2	23 50	7 55	5 14	25 50	1 59	12 41	4 18	7 30	2 42	20 30	0 4	19 6	1 8	23 47	0 19	9 7	1 56	26 45	17 28	23 4	22 59	12 11		n.a.
M 3	23 50	1 56	4 56	25 50	2 0	12 57	4 17	7 22	2 43	20 29	0 4	19 6	1 7	23 47	0 19	9 7	1 55	26 46	17 28	23 4	22 59	12 9		n.a.
T 4	23 49	4 s 5	4 20	25 48	2 0	13 14	4 15	7 14	2 44	20 28	0 4	19 5	1 7	23 47	0 19	9 7	1 55	26 47	17 29	23 4	22 58	12 6		n.a.
W 5	23 47	9 50	3 30	25 44	1 59	13 30	4 13	7 7	2 45	20 27	0 3	19 4	1 7	23 46	0 19	9 6	1 55	26 47	17 29	23 4	22 58	12 4		n.a.
T 6	23 45	15 2	2 29	25 38	1 58	13 47	4 10	6 59	2 46	20 26	0 3	19 4	1 7	23 46	0 19	9 6	1 55	26 48	17 30	23 4	22 58	12 1		n.a.
F 7	23 42	19 26	1 20	25 30	1 57	14 4	4 8	6 52	2 47	20 25	0 3	19 3	1 7	23 46	0 19	9 6	1 55	26 49	17 30	23 4	22 57	11 58		n.a.
S 8	23 39	22 46	0 8	25 20	1 55	14 21	4 5	6 45	2 48	20 24	0 3	19 3	1 6	23 46	0 19	9 6	1 55	26 50	17 31	23 4	22 57	11 56		n.a.
S 9	23 36	24 52	1 s 3	25 8	1 52	14 37	4 3	6 38	2 49	20 23	0 3	19 2	1 6	23 46	0 19	9 6	1 55	26 50	17 32	23 4	22 57	11 53		n.a.
M10	23 32	25 36	2 10	24 54	1 49	14 54	4 0	6 31	2 50	20 22	0 3	19 2	1 6	23 45	0 19	9 6	1 55	26 51	17 32	23 4	22 56	11 51		n.a.
T 11	23 28	25 0	3 9	24 37	1 45	15 11	3 57	6 24	2 51	20 21	0 2	19 1	1 6	23 45	0 19	9 6	1 55	26 52	17 33	23 4	22 56	11 48		n.a.
W12	23 23	23 11	3 58	24 18	1 41	15 28	3 54	6 17	2 52	20 20	0 2	19 1	1 6	23 45	0 19	9 6	1 55	26 53	17 33	23 3	22 56	11 45		n.a.
T 13	23 17	20 19	4 35	23 57	1 36	15 45	3 51	6 11	2 53	20 19	0 2	19 0	1 5	23 45	0 19	9 6	1 55	26 54	17 34	23 3	22 55	11 43		n.a.
F 14	23 12	16 38	5 0	23 34	1 30	16 1	3 48	6 5	2 54	20 19	0 2	19 0	1 5	23 45	0 19	9 6	1 55	26 54	17 34	23 2	22 55	11 40		n.a.
S 15	23 5	12 19	5 12	23 9	1 24	16 18	3 44	5 58	2 55	20 18	0 2	18 59	1 5	23 44	0 19	9 6	1 55	26 55	17 34	23 2	22 54	11 38		n.a.
S 16	22 59	7 34	5 10	22 42	1 16	16 34	3 41	5 53	2 56	20 17	0 2	18 59	1 5	23 44	0 19	9 6	1 55	26 56	17 35	23 1	22 54	11 35		n.a.
M17	22 52	2 33	4 55	22 13	1 9	16 50	3 37	5 47	2 57	20 17	0 2	18 58	1 5	23 44	0 19	9 6	1 55	26 57	17 35	23 1	22 54	11 32		n.a.
T 18	22 44	2n37	4 27	21 42	1 0	17 7	3 34	5 41	2 58	20 16	0 1	18 58	1 4	23 44	0 19	9 6	1 54	26 58	17 36	23 1	22 53	11 30		n.a.
W19	22 36	7 45	3 47	21 9	0 51	17 22	3 30	5 36	2 59	20 15	0 1	18 58	1 4	23 44	0 19	9 6	1 54	26 58	17 36	23 1	22 53	11 27		n.a.
T 20	22 28	12 43	2 55	20 35	0 41	17 38	3 26	5 30	3 0	20 15	0 1	18 58	1 4	23 44	0 19	9 6	1 54	26 59	17 37	23 1	22 53	11 24		n.a.
F 21	22 19	17 16	1 54	19 59	0 30	17 54	3 22	5 25	3 1	20 14	0 1	18 57	1 4	23 43	0 19	9 6	1 54	27 0	17 37	23 1	22 52	11 22		n.a.
S 22	22 10	21 8	0 45	19 23	0 18	18 9	3 18	5 21	3 2	20 14	0 1	18 57	1 4	23 43	0 19	9 6	1 54	27 1	17 38	23 2	22 52	11 19		n.a.
S 23	22 0	23 59	0n29	18 45	0 6	18 24	3 14	5 16	3 3	20 14	0 1	18 57	1 3	23 43	0 19	9 6	1 54	27 2	17 38	23 2	22 51	11 17		n.a.
M24	21 50	25 28	1 43	18 7	0n 7	18 38	3 10	5 11	3 4	20 13	0 0	18 57	1 3	23 43	0 19	9 7	1 54	27 2	17 38	23 1	22 51	11 14		n.a.
T 25	21 40	25 19	2 52	17 29	0 20	18 53	3 6	5 7	3 5	20 13	0 0	18 56	1 3	23 43	0 19	9 7	1 54	27 3	17 39	23 1	22 51	11 11		n.a.
W26	21 29	23 25	3 52	16 51	0 34	19 7	3 2	5 3	3 6	20 13	0 0	18 56	1 3	23 43	0 19	9 7	1 54	27 4	17 39	23 1	22 50	11 9		n.a.
T 27	21 18	19 54	4 36	16 14	0 48	19 20	2 58	4 59	3 7	20 12	0 0	18 56	1 3	23 42	0 19	9 7	1 54	27 5	17 40	23 0	22 50	11 6		n.a.
F 28	21 6	15 7	5 3	15 37	1 2	19 34	2 54	4 55	3 8	20 12	0n 0	18 56	1 2	23 42	0 19	9 7	1 54	27 6	17 40	22 59	22 49	11 3		n.a.
S 29	20 54	9 27	5 8	15 2	1 17	19 47	2 49	4 52	3 9	20 12	0 0	18 56	1 2	23 42	0 19	9 7	1 54	27 7	17 40	22 58	22 49	11 1		n.a.
S 30	20 42	3 21	4 54	14 28	1 32	19 59	2 45	4 49	3 10	20 12	0 0	18 56	1 2	23 42	0 19	9 8	1 54	27 7	17 41	22 58	22 49	10 58		n.a.
M31	20 s29	2 s48	4n21	13 s57	1n46	20 s12	2n40	4n46	3n11	20n12	0n 1	18n56	1 s 2	23n42	0n19	9n 8	1 s54	27n 8	17n41	22n58	22n48	10 s55		n.a.

Julian Day Number = 1269608.5, Delta T = 08h18m26s
Ecliptic obliquity = 23°50'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'54, Lahiri = -21°01'53 Julian Calendar 1 Jan. 1237 BCE == Greg. Calendar 21 Dec. 1238 BCE

The year -1236 astronomical counting style corresponds to year 1237 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1237 BCE
geocentric

FEBRUARY 1237 BCE (-1236) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 56 17	1♒ 1'42	1♏ 4	19♒ 1	14♐55	25♍35	28°R36	27°R29	18°R55	27♈53	2°R24	14°D48	13♊27	14♓38	n.a.	T 1
W 2	8 0 14	2° 1'28	14°43	19°43	15°59	25°43	28♉36	27♉28	18♊54	27°53	2♍23	14♊48	13°24	14°45	n.a.	W 2
T 3	8 4 11	3° 1'12	28° 4	20°16	17° 3	25°51	28°36	27°28	18°52	27°54	2°21	14°50	13°21	14°51	n.a.	T 3
F 4	8 8 7	4° 0'54	11♐ 8	20°40	18° 7	25°58	28°D35	27°27	18°50	27°54	2°20	14°R50	13°17	14°58	n.a.	F 4
S 5	8 12 4	5° 0'35	23°57	20°57	19°12	26° 4	28°35	27°27	18°49	27°55	2°19	14°50	13°14	15° 5	n.a.	S 5
S 6	8 16 0	6° 0'13	6♑35	21°R 4	20°17	26°10	28°36	27°26	18°47	27°55	2°17	14°48	13°11	15°12	n.a.	S 6
M 7	8 19 57	6°59'49	19° 2	21° 3	21°22	26°15	28°36	27°26	18°46	27°56	2°16	14°43	13° 8	15°18	n.a.	M 7
T 8	8 23 53	7°59'23	1♒21	20°54	22°28	26°20	28°37	27°26	18°44	27°57	2°14	14°36	13° 5	15°25	n.a.	T 8
W 9	8 27 50	8°58'55	13°31	20°38	23°33	26°24	28°38	27°D26	18°43	27°57	2°13	14°26	13° 2	15°32	n.a.	W 9
T 10	8 31 46	9°58'25	25°34	20°13	24°39	26°27	28°39	27°26	18°42	27°58	2°11	14°15	12°58	15°39	n.a.	T 10
F 11	8 35 43	10°57'52	7♓31	19°42	25°45	26°29	28°40	27°26	18°40	27°59	2°10	14° 4	12°55	15°45	n.a.	F 11
S 12	8 39 39	11°57'17	19°24	19° 6	26°51	26°31	28°41	27°27	18°39	28° 0	2° 8	13°54	12°52	15°52	n.a.	S 12
S 13	8 43 36	12°56'40	1♈15	18°24	27°57	26°32	28°43	27°27	18°38	28° 0	2° 7	13°45	12°49	15°59	n.a.	S 13
M14	8 47 33	13°56'00	13° 7	17°37	29° 3	26°R32	28°45	27°28	18°37	28° 1	2° 5	13°38	12°46	16° 5	n.a.	M14
T 15	8 51 29	14°55'18	25° 4	16°48	0♑10	26°31	28°47	27°28	18°35	28° 2	2° 3	13°33	12°43	16°12	n.a.	T 15
W16	8 55 26	15°54'34	7♉ 9	15°57	1°16	26°30	28°49	27°29	18°34	28° 3	2° 2	13°31	12°39	16°19	n.a.	W16
T 17	8 59 22	16°53'47	19°29	15° 4	2°23	26°28	28°51	27°30	18°33	28° 4	2° 0	13°D31	12°36	16°26	n.a.	T 17
F 18	9 3 19	17°52'57	2♊ 7	14°12	3°30	26°25	28°54	27°31	18°32	28° 5	1°59	13°31	12°33	16°32	n.a.	F 18
S 19	9 7 15	18°52'06	15° 8	13°21	4°37	26°22	28°56	27°32	18°31	28° 6	1°57	13°R31	12°30	16°39	n.a.	S 19
S 20	9 11 12	19°51'11	28°37	12°32	5°44	26°18	28°59	27°33	18°31	28° 7	1°55	13°30	12°27	16°46	n.a.	S 20
M21	9 15 8	20°50'15	12♋36	11°46	6°52	26°13	29° 2	27°35	18°30	28° 8	1°54	13°27	12°23	16°52	n.a.	M21
T 22	9 19 5	21°49'16	27° 2	11° 4	7°59	26° 7	29° 6	27°36	18°29	28° 9	1°52	13°22	12°20	16°59	n.a.	T 22
W23	9 23 2	22°48'15	11♌53	10°26	9° 7	26° 0	29° 9	27°38	18°28	28°10	1°50	13°14	12°17	17° 6	n.a.	W23
T 24	9 26 58	23°47'11	27° 2	9°52	10°14	25°53	29°13	27°39	18°28	28°12	1°49	13° 4	12°14	17°13	n.a.	T 24
F 25	9 30 55	24°46'05	12♍16	9°24	11°22	25°45	29°16	27°41	18°27	28°13	1°47	12°54	12°11	17°19	n.a.	F 25
S 26	9 34 51	25°44'57	27°27	9° 1	12°30	25°36	29°20	27°43	18°26	28°14	1°45	12°44	12° 8	17°26	n.a.	S 26
S 27	9 38 48	26°43'47	12♎23	8°44	13°38	25°26	29°25	27°45	18°26	28°15	1°44	12°36	12° 4	17°33	n.a.	S 27
M28	9 42 44	27°42'35	26°57	8°32	14°46	25°16	29°29	27°47	18°25	28°16	1°42	12°30	12° 1	17°40	n.a.	M28
T 29	9 46 41	28♒41'21	11♏ 6	8♒25	15♑55	25♍ 5	29♉33	27♉49	18♊25	28♈18	1♍40	12♊27	11♊58	17♓46	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s16	8s42	3n34	13s27	2n 1	20s23	2n36	4n43	3n12	20n12	0n 1	18n56	1s 2	23n42	0n19	9n 8	1s53	27n 9	17n41	22n58	22n48	10s53		n.a.
W 2	20 2	14 3	2 35	13 1	2 15	20 35	2 31	4 40	3 13	20 12	0 1	18 56	1 1	23 41	0 19	9 8	1 53	27 10	17 42	22 58	22 47	10 50		n.a.
T 3	19 49	18 37	1 29	12 37	2 29	20 46	2 27	4 38	3 14	20 12	0 1	18 56	1 1	23 41	0 19	9 8	1 53	27 11	17 42	22 58	22 47	10 47		n.a.
F 4	19 35	22 9	0 20	12 17	2 42	20 56	2 22	4 36	3 15	20 12	0 1	18 56	1 1	23 41	0 19	9 9	1 53	27 12	17 42	22 58	22 47	10 45		n.a.
S 5	19 20	24 31	0s49	12 0	2 55	21 6	2 18	4 34	3 16	20 12	0 1	18 56	1 1	23 41	0 19	9 9	1 53	27 12	17 43	22 58	22 46	10 42		n.a.
S 6	19 5	25 35	1 54	11 46	3 7	21 16	2 13	4 33	3 17	20 12	0 1	18 56	1 1	23 41	0 19	9 9	1 53	27 13	17 43	22 58	22 46	10 39		n.a.
M 7	18 50	25 19	2 53	11 37	3 17	21 25	2 9	4 31	3 18	20 12	0 1	18 56	1 0	23 41	0 19	9 10	1 53	27 14	17 43	22 57	22 45	10 36		n.a.
T 8	18 35	23 49	3 43	11 31	3 26	21 33	2 4	4 30	3 18	20 13	0 2	18 56	1 0	23 41	0 19	9 10	1 53	27 15	17 44	22 56	22 45	10 34		n.a.
W 9	18 19	21 13	4 22	11 29	3 34	21 42	2 0	4 30	3 19	20 13	0 2	18 57	1 0	23 41	0 19	9 10	1 53	27 16	17 44	22 55	22 45	10 31		n.a.
T 10	18 3	17 43	4 48	11 30	3 40	21 49	1 55	4 29	3 20	20 13	0 2	18 57	1 0	23 40	0 19	9 11	1 53	27 17	17 44	22 54	22 44	10 28		n.a.
F 11	17 46	13 33	5 2	11 36	3 45	21 56	1 50	4 29	3 21	20 14	0 2	18 57	1 0	23 40	0 19	9 11	1 53	27 17	17 44	22 52	22 44	10 26		n.a.
S 12	17 30	8 53	5 3	11 45	3 48	22 3	1 46	4 29	3 22	20 14	0 2	18 57	0 59	23 40	0 19	9 11	1 53	27 18	17 45	22 51	22 43	10 23		n.a.
S 13	17 13	3 55	4 50	11 57	3 49	22 8	1 41	4 29	3 22	20 15	0 2	18 58	0 59	23 40	0 19	9 12	1 53	27 19	17 45	22 50	22 43	10 20		n.a.
M14	16 55	1n12	4 25	12 12	3 48	22 14	1 37	4 30	3 23	20 15	0 2	18 58	0 59	23 40	0 19	9 12	1 53	27 20	17 45	22 49	22 43	10 18		n.a.
T 15	16 38	6 19	3 48	12 29	3 45	22 19	1 32	4 30	3 24	20 16	0 3	18 58	0 59	23 40	0 19	9 12	1 53	27 21	17 45	22 49	22 42	10 15		n.a.
W16	16 20	11 17	3 1	12 49	3 41	22 23	1 27	4 32	3 24	20 16	0 3	18 59	0 59	23 40	0 19	9 13	1 52	27 21	17 45	22 48	22 42	10 12		n.a.
T 17	16 2	15 54	2 4	13 10	3 34	22 26	1 23	4 33	3 25	20 17	0 3	18 59	0 58	23 40	0 19	9 13	1 52	27 22	17 46	22 48	22 41	10 9		n.a.
F 18	15 44	19 57	1 0	13 33	3 26	22 30	1 18	4 34	3 25	20 18	0 3	19 0	0 58	23 40	0 19	9 14	1 52	27 23	17 46	22 48	22 41	10 7		n.a.
S 19	15 25	23 8	0n 9	13 57	3 17	22 32	1 14	4 36	3 26	20 19	0 3	19 0	0 58	23 39	0 19	9 14	1 52	27 24	17 46	22 48	22 41	10 4		n.a.
S 20	15 6	25 10	1 19	14 21	3 6	22 34	1 9	4 38	3 26	20 19	0 3	19 1	0 58	23 39	0 19	9 14	1 52	27 24	17 46	22 48	22 40	10 1		n.a.
M21	14 47	25 41	2 28	14 46	2 54	22 35	1 5	4 41	3 27	20 20	0 3	19 1	0 58	23 39	0 19	9 15	1 52	27 25	17 46	22 48	22 40	9 58		n.a.
T 22	14 28	24 31	3 29	15 10	2 41	22 36	1 0	4 44	3 27	20 21	0 3	19 2	0 57	23 39	0 19	9 15	1 52	27 26	17 46	22 47	22 39	9 56		n.a.
W23	14 9	21 38	4 18	15 34	2 27	22 36	0 56	4 46	3 27	20 22	0 4	19 2	0 57	23 39	0 19	9 16	1 52	27 27	17 47	22 46	22 39	9 53		n.a.
T 24	13 49	17 14	4 50	15 57	2 13	22 35	0 51	4 50	3 27	20 23	0 4	19 3	0 57	23 39	0 19	9 16	1 52	27 27	17 47	22 45	22 38	9 50		n.a.
F 25	13 29	11 42	5 2	16 18	1 58	22 34	0 47	4 53	3 28	20 24	0 4	19 3	0 57	23 39	0 19	9 17	1 52	27 28	17 47	22 44	22 38	9 47		n.a.
S 26	13 9	5 29	4 52	16 39	1 43	22 32	0 43	4 57	3 28	20 25	0 4	19 4	0 56	23 39	0 19	9 17	1 52	27 29	17 47	22 42	22 38	9 45		n.a.
S 27	12 49	0s57	4 22	16 58	1 28	22 30	0 38	5 1	3 28	20 26	0 4	19 5	0 56	23 39	0 19	9 18	1 52	27 30	17 47	22 41	22 37	9 42		n.a.
M28	12 28	7 12	3 36	17 16	1 12	22 27	0 34	5 5	3 28	20 27	0 4	19 5	0 56	23 39	0 19	9 18	1 52	27 30	17 47	22 41	22 37	9 39		n.a.
T 29	12s 8	12s55	2n38	17s33	0n57	22s23	0n30	5n 9	3n28	20n28	0n 4	19n 6	0s56	23n39	0n19	9n19	1s52	27n31	17n47	22n40	22n36	9s36		n.a.

Julian Day Number = 1269639.5, Delta T = 08h18m24s
Ecliptic obliquity = 23°50'32, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'50, Lahiri = -21°01'49 Julian Calendar 1 Feb. 1237 BCE == Greg. Calendar 21 Jan. 1237 BCE

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ASTRODIENST EPHEMERIS for the year 1237 BCE
geocentric

MARCH 1237 BCE (-1236) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 50 37	29♒40'06	24♏49	8°D24	17♉ 3	24°R53	29♉38	27♉51	18°R25	28♈19	1°R39	12°D26	11♊55	17♓53	n.a.	W 1
T 2	9 54 34	0♓38'49	8♐ 7	8♒28	18°12	24♍40	29°43	27°54	18♊24	28°20	1♍37	12°R26	11°52	18° 0	n.a.	T 2
F 3	9 58 30	1°37'30	21° 3	8°38	19°20	24°27	29°48	27°56	18°24	28°22	1°35	12♊26	11°48	18° 6	n.a.	F 3
S 4	10 2 27	2°36'09	3♉42	8°52	20°29	24°13	29°53	27°59	18°24	28°23	1°34	12°24	11°45	18°13	n.a.	S 4
S 5	10 6 24	3°34'46	16° 7	9°12	21°38	23°58	29°58	28° 2	18°24	28°25	1°32	12°21	11°42	18°20	n.a.	S 5
M 6	10 10 20	4°33'22	28°21	9°36	22°46	23°43	0♊ 4	28° 4	18°24	28°26	1°30	12°14	11°39	18°27	n.a.	M 6
T 7	10 14 17	5°31'55	10♒27	10° 4	23°55	23°27	0° 9	28° 7	18°D24	28°28	1°29	12° 4	11°36	18°33	n.a.	T 7
W 8	10 18 13	6°30'26	22°28	10°37	25° 4	23°10	0°15	28°10	18°24	28°29	1°27	11°52	11°33	18°40	n.a.	W 8
T 9	10 22 10	7°28'56	4♓24	11°13	26°13	22°53	0°21	28°13	18°24	28°31	1°25	11°38	11°29	18°47	n.a.	T 9
F 10	10 26 6	8°27'23	16°17	11°54	27°23	22°35	0°27	28°17	18°24	28°32	1°24	11°24	11°26	18°54	n.a.	F 10
S 11	10 30 3	9°25'49	28° 9	12°38	28°32	22°17	0°33	28°20	18°24	28°34	1°22	11°10	11°23	19° 0	n.a.	S 11
S 12	10 33 59	10°24'12	10♈ 0	13°26	29°41	21°58	0°39	28°23	18°24	28°35	1°20	10°58	11°20	19° 7	n.a.	S 12
M13	10 37 56	11°22'33	21°54	14°17	0♒50	21°39	0°46	28°27	18°25	28°37	1°19	10°48	11°17	19°14	n.a.	M13
T 14	10 41 52	12°20'52	3♉52	15°11	2° 0	21°19	0°53	28°30	18°25	28°39	1°17	10°41	11°14	19°20	n.a.	T 14
W15	10 45 49	13°19'09	15°59	16° 9	3° 9	20°59	0°59	28°34	18°25	28°40	1°15	10°37	11°10	19°27	n.a.	W15
T 16	10 49 46	14°17'24	28°17	17° 9	4°19	20°38	1° 6	28°38	18°26	28°42	1°14	10°36	11° 7	19°34	n.a.	T 16
F 17	10 53 42	15°15'37	10♊52	18°12	5°29	20°17	1°13	28°42	18°26	28°44	1°12	10°35	11° 4	19°41	n.a.	F 17
S 18	10 57 39	16°13'47	23°49	19°18	6°38	19°56	1°21	28°46	18°27	28°45	1°11	10°35	11° 1	19°47	n.a.	S 18
S 19	11 1 35	17°11'55	7♋11	20°26	7°48	19°35	1°28	28°50	18°27	28°47	1° 9	10°34	10°58	19°54	n.a.	S 19
M20	11 5 32	18°10'02	21° 2	21°37	8°58	19°13	1°35	28°54	18°28	28°49	1° 7	10°31	10°54	20° 1	n.a.	M20
T 21	11 9 28	19° 8'06	5♌22	22°50	10° 8	18°52	1°43	28°58	18°29	28°51	1° 6	10°26	10°51	20° 7	n.a.	T 21
W22	11 13 25	20° 6'08	20°10	24° 6	11°18	18°30	1°51	29° 2	18°30	28°53	1° 4	10°18	10°48	20°14	n.a.	W22
T 23	11 17 21	21° 4'08	5♍18	25°24	12°28	18° 8	1°59	29° 7	18°30	28°54	1° 3	10° 8	10°45	20°21	n.a.	T 23
F 24	11 21 18	22° 2'06	20°37	26°44	13°38	17°46	2° 7	29°11	18°31	28°56	1° 1	9°57	10°42	20°28	n.a.	F 24
S 25	11 25 15	23° 0'02	5♎57	28° 6	14°48	17°25	2°15	29°16	18°32	28°58	1° 0	9°47	10°39	20°34	n.a.	S 25
S 26	11 29 11	23°57'57	21° 5	29°31	15°58	17° 3	2°23	29°20	18°33	29° 0	0°58	9°39	10°35	20°41	n.a.	S 26
M27	11 33 8	24°55'50	5♏52	0♓58	17° 8	16°41	2°31	29°25	18°34	29° 2	0°57	9°33	10°32	20°48	n.a.	M27
T 28	11 37 4	25°53'42	20°13	2°26	18°18	16°20	2°40	29°30	18°35	29° 4	0°55	9°29	10°29	20°55	n.a.	T 28
W29	11 41 1	26°51'32	4♐ 5	3°57	19°29	15°59	2°48	29°35	18°36	29° 6	0°54	9°D28	10°26	21° 1	n.a.	W29
T 30	11 44 57	27°49'21	17°28	5°30	20°39	15°38	2°57	29°40	18°38	29° 8	0°52	9°28	10°23	21° 8	n.a.	T 30
F 31	11 48 54	28♓47'09	0♉27	7♓ 5	21♒49	15♍17	3♊ 6	29♉45	18♊39	29♈10	0♍51	9°R28	10♊20	21♓15	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11s47	17s48	1n32	17s47	0n42	22s19	0n25	5n14	3n28	20n29	0n 4	19n 7	0s56	23n39	0n19	9n19	1s52	27n32	17n47	22n40	22n36	9s34			n.a.
T 2	11 26	21 39	0 23	18 0	0 28	22 14	0 21	5 19	3 27	20 30	0 4	19 7	0 56	23 39	0 19	9 20	1 51	27 32	17 47	22 40	22 35	9 31			n.a.
F 3	11 5	24 17	0s45	18 11	0 14	22 8	0 17	5 24	3 27	20 31	0 5	19 8	0 55	23 39	0 19	9 20	1 51	27 33	17 47	22 40	22 35	9 28			n.a.
S 4	10 43	25 37	1 50	18 21	0 0	22 2	0 13	5 29	3 27	20 33	0 5	19 9	0 55	23 39	0 19	9 21	1 51	27 34	17 47	22 40	22 35	9 25			n.a.
S 5	10 22	25 38	2 48	18 28	0s13	21 55	0 9	5 35	3 26	20 34	0 5	19 10	0 55	23 39	0 19	9 21	1 51	27 34	17 47	22 39	22 34	9 23			n.a.
M 6	10 0	24 23	3 37	18 34	0 26	21 48	0 5	5 40	3 26	20 35	0 5	19 11	0 55	23 39	0 19	9 22	1 51	27 35	17 47	22 38	22 34	9 20			n.a.
T 7	9 38	22 0	4 16	18 38	0 38	21 40	0 1	5 46	3 25	20 36	0 5	19 11	0 55	23 39	0 19	9 23	1 51	27 36	17 47	22 37	22 33	9 17			n.a.
W 8	9 16	18 42	4 43	18 40	0 50	21 31	0s 3	5 52	3 24	20 38	0 5	19 12	0 54	23 39	0 19	9 23	1 51	27 36	17 47	22 35	22 33	9 14			n.a.
T 9	8 54	14 39	4 57	18 40	1 1	21 22	0 6	5 59	3 24	20 39	0 5	19 13	0 54	23 39	0 19	9 24	1 51	27 37	17 47	22 34	22 32	9 11			n.a.
F 10	8 32	10 4	4 58	18 39	1 11	21 12	0 10	6 5	3 23	20 40	0 5	19 14	0 54	23 39	0 19	9 24	1 51	27 37	17 47	22 32	22 32	9 9			n.a.
S 11	8 10	5 7	4 46	18 36	1 21	21 2	0 14	6 11	3 22	20 42	0 5	19 15	0 54	23 39	0 19	9 25	1 51	27 38	17 47	22 30	22 31	9 6			n.a.
S 12	7 48	0n 1	4 22	18 31	1 30	20 51	0 18	6 18	3 21	20 43	0 6	19 16	0 54	23 39	0 19	9 26	1 51	27 39	17 47	22 28	22 31	9 3			n.a.
M13	7 25	5 10	3 47	18 24	1 39	20 39	0 21	6 25	3 19	20 45	0 6	19 17	0 53	23 39	0 19	9 26	1 51	27 39	17 47	22 27	22 31	9 0			n.a.
T 14	7 2	10 11	3 1	18 15	1 47	20 27	0 25	6 32	3 18	20 46	0 6	19 18	0 53	23 39	0 19	9 27	1 51	27 40	17 47	22 26	22 30	8 57			n.a.
W15	6 40	14 53	2 6	18 5	1 55	20 14	0 28	6 38	3 17	20 48	0 6	19 19	0 53	23 39	0 19	9 28	1 51	27 40	17 47	22 25	22 30	8 55			n.a.
T 16	6 17	19 4	1 5	17 53	2 1	20 1	0 31	6 45	3 15	20 49	0 6	19 20	0 53	23 39	0 19	9 28	1 51	27 41	17 47	22 25	22 29	8 52			n.a.
F 17	5 54	22 29	0n 1	17 39	2 8	19 47	0 35	6 52	3 14	20 51	0 6	19 21	0 53	23 39	0 19	9 29	1 51	27 41	17 46	22 25	22 29	8 49			n.a.
S 18	5 31	24 51	1 9	17 23	2 13	19 32	0 38	6 59	3 12	20 53	0 6	19 22	0 52	23 39	0 19	9 30	1 51	27 42	17 46	22 25	22 28	8 46			n.a.
S 19	5 8	25 54	2 16	17 6	2 18	19 17	0 41	7 6	3 11	20 54	0 6	19 23	0 52	23 39	0 19	9 30	1 51	27 42	17 46	22 25	22 28	8 43			n.a.
M20	4 45	25 24	3 16	16 47	2 23	19 2	0 44	7 13	3 9	20 56	0 6	19 24	0 52	23 39	0 19	9 31	1 51	27 43	17 46	22 24	22 27	8 41			n.a.
T 21	4 22	23 14	4 7	16 26	2 27	18 46	0 47	7 20	3 7	20 58	0 7	19 25	0 52	23 39	0 19	9 32	1 51	27 43	17 46	22 23	22 27	8 38			n.a.
W22	3 59	19 28	4 43	16 4	2 30	18 29	0 50	7 27	3 5	20 59	0 7	19 26	0 52	23 39	0 19	9 32	1 50	27 44	17 46	22 22	22 27	8 35			n.a.
T 23	3 36	14 21	5 0	15 39	2 32	18 12	0 53	7 34	3 3	21 1	0 7	19 28	0 52	23 39	0 19	9 33	1 50	27 44	17 46	22 21	22 26	8 32			n.a.
F 24	3 13	8 17	4 56	15 13	2 34	17 54	0 56	7 40	3 1	21 3	0 7	19 29	0 51	23 39	0 19	9 34	1 50	27 44	17 45	22 19	22 26	8 29			n.a.
S 25	2 49	1 44	4 30	14 46	2 36	17 36	0 59	7 47	2 58	21 4	0 7	19 30	0 51	23 39	0 19	9 34	1 50	27 45	17 45	22 18	22 25	8 26			n.a.
S 26	2 26	4s52	3 46	14 16	2 37	17 18	1 2	7 54	2 56	21 6	0 7	19 31	0 51	23 39	0 19	9 35	1 50	27 45	17 45	22 16	22 25	8 24			n.a.
M27	2 3	11 4	2 48	13 45	2 37	16 59	1 4	8 0	2 54	21 8	0 7	19 32	0 51	23 39	0 19	9 36	1 50	27 46	17 45	22 15	22 24	8 21			n.a.
T 28	1 39	16 29	1 40	13 12	2 37	16 39	1 7	8 6	2 51	21 10	0 7	19 33	0 51	23 40	0 19	9 37	1 50	27 46	17 44	22 15	22 24	8 18			n.a.
W29	1 16	20 51	0 29	12 38	2 36	16 19	1 9	8 12	2 49	21 12	0 7	19 35	0 51	23 40	0 19	9 37	1 50	27 46	17 44	22 15	22 23	8 15			n.a.
T 30	0 53	23 57	0s42	12 2	2 34	15 59	1 11	8 18	2 46	21 13	0 7	19 36	0 50	23 40	0 19	9 38	1 50	27 47	17 44	22 15	22 23	8 12			n.a.
F 31	0s29	25s39	1s49	11s24	2s32	15s38	1s14	8n24	2n43	21n15	0n 8	19n37	0s50	23n40	0n19	9n39	1s50	27n47	17n44	22n15	22n22	8s 9			n.a.

Julian Day Number = 1269668.5, Delta T = 08h18m22s
Ecliptic obliquity = 23°50'33, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'46, Lahiri = -21°01'45 Julian Calendar 1 March 1237 BCE == Greg. Calendar 19 Feb. 1237 BCE

The year -1236 astronomical counting style corresponds to year 1237 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1237 BCE
geocentric

APRIL 1237 BCE (-1236) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 52 50	29♓44'55	13♉ 4	8♓42	23♒ 0	14°R56	3♊15	29♉50	18♊40	29♈12	0°R49	9°R28	10♊16	21♓21	n.a.	S 1
S 2	11 56 47	0♈42'40	25°25	10°20	24°10	14♍36	3°24	29°55	18°41	29°14	0♍48	9♊25	10°13	21°28	n.a.	S 2
M 3	12 0 43	1°40'24	7♒34	12° 1	25°21	14°17	3°33	0♊ 0	18°43	29°16	0°46	9°20	10°10	21°35	n.a.	M 3
T 4	12 4 40	2°38'06	19°34	13°44	26°32	13°58	3°42	0° 5	18°44	29°18	0°45	9°12	10° 7	21°42	n.a.	T 4
W 5	12 8 37	3°35'47	1♓28	15°29	27°42	13°39	3°52	0°11	18°46	29°20	0°44	9° 2	10° 4	21°48	n.a.	W 5
T 6	12 12 33	4°33'27	13°20	17°16	28°53	13°21	4° 1	0°16	18°47	29°22	0°42	8°51	10° 0	21°55	n.a.	T 6
F 7	12 16 30	5°31'05	25°12	19° 5	0♓ 4	13° 3	4°11	0°22	18°49	29°24	0°41	8°39	9°57	22° 2	n.a.	F 7
S 8	12 20 26	6°28'42	7♈ 4	20°56	1°15	12°46	4°20	0°27	18°50	29°26	0°40	8°27	9°54	22° 8	n.a.	S 8
S 9	12 24 23	7°26'18	18°59	22°49	2°25	12°30	4°30	0°33	18°52	29°28	0°39	8°17	9°51	22°15	n.a.	S 9
M10	12 28 19	8°23'52	0♉59	24°44	3°36	12°14	4°40	0°39	18°54	29°30	0°37	8° 9	9°48	22°22	n.a.	M10
T 11	12 32 16	9°21'24	13° 4	26°41	4°47	11°59	4°50	0°45	18°56	29°32	0°36	8° 3	9°45	22°29	n.a.	T 11
W12	12 36 12	10°18'56	25°18	28°40	5°58	11°45	5° 0	0°50	18°57	29°35	0°35	8° 0	9°41	22°35	n.a.	W12
T 13	12 40 9	11°16'26	7♊42	0♈40	7° 9	11°32	5°10	0°56	18°59	29°37	0°34	8°D 0	9°38	22°42	n.a.	T 13
F 14	12 44 6	12°13'54	20°22	2°43	8°20	11°19	5°20	1° 2	19° 1	29°39	0°33	8° 0	9°35	22°49	n.a.	F 14
S 15	12 48 2	13°11'21	3♋19	4°47	9°31	11° 7	5°31	1° 8	19° 3	29°41	0°31	8° 1	9°32	22°56	n.a.	S 15
S 16	12 51 59	14° 8'47	16°38	6°52	10°42	10°55	5°41	1°15	19° 5	29°43	0°30	8°R 1	9°29	23° 2	n.a.	S 16
M17	12 55 55	15° 6'11	0♌22	8°59	11°54	10°45	5°52	1°21	19° 7	29°45	0°29	8° 0	9°25	23° 9	n.a.	M17
T 18	12 59 52	16° 3'33	14°31	11° 8	13° 5	10°35	6° 2	1°27	19° 9	29°48	0°28	7°57	9°22	23°16	n.a.	T 18
W19	13 3 48	17° 0'55	29° 5	13°17	14°16	10°26	6°13	1°33	19°11	29°50	0°27	7°52	9°19	23°22	n.a.	W19
T 20	13 7 45	17°58'14	14♍ 0	15°28	15°27	10°18	6°24	1°40	19°13	29°52	0°26	7°46	9°16	23°29	n.a.	T 20
F 21	13 11 41	18°55'33	29° 7	17°39	16°38	10°11	6°35	1°46	19°16	29°54	0°25	7°39	9°13	23°36	n.a.	F 21
S 22	13 15 38	19°52'50	14♎18	19°50	17°50	10° 5	6°45	1°52	19°18	29°56	0°24	7°32	9°10	23°43	n.a.	S 22
S 23	13 19 35	20°50'07	29°22	22° 2	19° 1	9°59	6°56	1°59	19°20	29°59	0°23	7°26	9° 6	23°49	n.a.	S 23
M24	13 23 31	21°47'22	14♏11	24°13	20°12	9°54	7° 8	2° 6	19°23	0♉ 1	0°22	7°22	9° 3	23°56	n.a.	M24
T 25	13 27 28	22°44'37	28°36	26°24	21°24	9°50	7°19	2°12	19°25	0° 3	0°22	7°20	9° 0	24° 3	n.a.	T 25
W26	13 31 24	23°41'52	12♐34	28°35	22°35	9°47	7°30	2°19	19°27	0° 5	0°21	7°D20	8°57	24° 9	n.a.	W26
T 27	13 35 21	24°39'05	26° 5	0♉44	23°47	9°45	7°41	2°26	19°30	0° 7	0°20	7°21	8°54	24°16	n.a.	T 27
F 28	13 39 17	25°36'18	9♉ 9	2°53	24°58	9°43	7°53	2°32	19°32	0°10	0°19	7°22	8°51	24°23	n.a.	F 28
S 29	13 43 14	26°33'31	21°51	5° 0	26°10	9°D43	8° 4	2°39	19°35	0°12	0°18	7°R23	8°47	24°30	n.a.	S 29
S 30	13 47 10	27♈30'43	4♒13	7♉ 5	27♓22	9♍43	8♊15	2♊46	19♊37	0♉14	0♍18	7♊23	8♊44	24♓36	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 6	25s59	2s48	10s45	2s29	15s16	1s16	8n29	2n40	21n17	0n 8	19n38	0s50	23n40	0n19	9n40	1s50	27n47	17n43	22n15	22n22	8s 6		n.a.
S 2	0n17	24 59	3 38	10 4	2 26	14 55	1 18	8 35	2 38	21 19	0 8	19 40	0 50	23 40	0 19	9 40	1 50	27 47	17 43	22 14	22 21	8 4		n.a.
M 3	0 41	22 50	4 18	9 21	2 22	14 32	1 20	8 40	2 35	21 21	0 8	19 41	0 50	23 40	0 19	9 41	1 50	27 48	17 43	22 13	22 21	8 1		n.a.
T 4	1 4	19 42	4 45	8 37	2 18	14 10	1 22	8 44	2 32	21 23	0 8	19 42	0 50	23 40	0 19	9 42	1 50	27 48	17 43	22 12	22 20	7 58		n.a.
W 5	1 27	15 47	5 0	7 51	2 13	13 47	1 24	8 49	2 29	21 24	0 8	19 44	0 49	23 40	0 19	9 43	1 50	27 48	17 42	22 11	22 20	7 55		n.a.
T 6	1 50	11 17	5 1	7 4	2 8	13 24	1 26	8 53	2 26	21 26	0 8	19 45	0 49	23 41	0 19	9 43	1 50	27 48	17 42	22 9	22 20	7 52		n.a.
F 7	2 14	6 22	4 50	6 15	2 2	13 0	1 28	8 57	2 23	21 28	0 8	19 46	0 49	23 41	0 19	9 44	1 50	27 49	17 42	22 7	22 19	7 49		n.a.
S 8	2 37	1 12	4 26	5 25	1 55	12 36	1 29	9 1	2 20	21 30	0 8	19 48	0 49	23 41	0 19	9 45	1 50	27 49	17 41	22 5	22 19	7 46		n.a.
S 9	3 0	4n 1	3 50	4 33	1 48	12 12	1 31	9 5	2 17	21 32	0 8	19 49	0 49	23 41	0 19	9 46	1 50	27 49	17 41	22 3	22 18	7 43		n.a.
M10	3 23	9 8	3 4	3 40	1 41	11 47	1 32	9 8	2 13	21 34	0 8	19 50	0 49	23 41	0 19	9 47	1 50	27 49	17 41	22 2	22 18	7 41		n.a.
T 11	3 46	13 58	2 9	2 45	1 33	11 22	1 34	9 11	2 10	21 36	0 9	19 52	0 48	23 41	0 19	9 47	1 50	27 49	17 40	22 1	22 17	7 38		n.a.
W12	4 9	18 19	1 7	1 49	1 24	10 56	1 35	9 13	2 7	21 38	0 9	19 53	0 48	23 41	0 19	9 48	1 50	27 49	17 40	22 1	22 17	7 35		n.a.
T 13	4 32	21 56	0 2	0 53	1 15	10 31	1 36	9 16	2 4	21 40	0 9	19 54	0 48	23 41	0 19	9 49	1 50	27 50	17 40	22 1	22 16	7 32		n.a.
F 14	4 55	24 35	1n 6	0n 5	1 6	10 5	1 37	9 18	2 1	21 42	0 9	19 56	0 48	23 42	0 19	9 50	1 50	27 50	17 39	22 1	22 16	7 29		n.a.
S 15	5 18	25 59	2 12	1 4	0 56	9 39	1 38	9 19	1 57	21 44	0 9	19 57	0 48	23 42	0 19	9 50	1 50	27 50	17 39	22 1	22 15	7 26		n.a.
S 16	5 40	25 58	3 12	2 4	0 46	9 12	1 39	9 21	1 54	21 46	0 9	19 59	0 48	23 42	0 19	9 51	1 50	27 50	17 38	22 1	22 15	7 23		n.a.
M17	6 3	24 22	4 3	3 4	0 36	8 45	1 40	9 22	1 51	21 48	0 9	20 0	0 48	23 42	0 19	9 52	1 50	27 50	17 38	22 1	22 14	7 20		n.a.
T 18	6 25	21 14	4 42	4 5	0 26	8 18	1 41	9 23	1 48	21 50	0 9	20 2	0 47	23 42	0 19	9 53	1 50	27 50	17 38	22 0	22 14	7 17		n.a.
W19	6 48	16 42	5 3	5 6	0 15	7 51	1 42	9 23	1 44	21 52	0 9	20 3	0 47	23 42	0 19	9 54	1 50	27 50	17 37	21 59	22 13	7 15		n.a.
T 20	7 10	11 4	5 5	6 7	0 5	7 24	1 42	9 23	1 41	21 54	0 9	20 4	0 47	23 43	0 19	9 54	1 50	27 50	17 37	21 58	22 13	7 12		n.a.
F 21	7 32	4 43	4 46	7 8	0n 6	6 56	1 43	9 23	1 38	21 56	0 10	20 6	0 47	23 43	0 19	9 55	1 50	27 50	17 36	21 57	22 12	7 9		n.a.
S 22	7 54	1s57	4 6	8 8	0 16	6 28	1 44	9 23	1 35	21 58	0 10	20 7	0 47	23 43	0 19	9 56	1 50	27 50	17 36	21 56	22 12	7 6		n.a.
S 23	8 16	8 29	3 10	9 8	0 27	6 0	1 44	9 22	1 32	22 0	0 10	20 9	0 47	23 43	0 19	9 57	1 49	27 50	17 36	21 55	22 11	7 3		n.a.
M24	8 38	14 26	2 2	10 7	0 37	5 32	1 44	9 21	1 28	22 2	0 10	20 10	0 47	23 43	0 19	9 58	1 49	27 50	17 35	21 54	22 11	7 0		n.a.
T 25	8 59	19 25	0 47	11 5	0 47	5 4	1 45	9 19	1 25	22 4	0 10	20 12	0 46	23 44	0 19	9 58	1 49	27 50	17 35	21 54	22 10	6 57		n.a.
W26	9 21	23 9	0s28	12 1	0 56	4 35	1 45	9 18	1 22	22 6	0 10	20 13	0 46	23 44	0 19	9 59	1 49	27 50	17 34	21 54	22 10	6 54		n.a.
T 27	9 42	25 27	1 40	12 56	1 5	4 7	1 45	9 16	1 19	22 8	0 10	20 15	0 46	23 44	0 19	10 0	1 49	27 49	17 34	21 54	22 9	6 51		n.a.
F 28	10 4	26 15	2 44	13 50	1 14	3 38	1 45	9 13	1 16	22 9	0 10	20 16	0 46	23 44	0 19	10 1	1 49	27 49	17 33	21 54	22 9	6 48		n.a.
S 29	10 25	25 37	3 38	14 41	1 22	3 9	1 45	9 11	1 13	22 11	0 10	20 18	0 46	23 44	0 19	10 2	1 49	27 49	17 33	21 55	22 8	6 45		n.a.
S 30	10n46	23s44	4s20	15n31	1n30	2s40	1s45	9n 8	1n10	22n13	0n10	20n19	0s46	23n45	0n19	10n 2	1s49	27n49	17n32	21n55	22n 8	6s42		n.a.

Julian Day Number = 1269699.5, Delta T = 08h18m21s
Ecliptic obliquity = 23°50'33, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'42, Lahiri = -21°01'41 Julian Calendar 1 Apr. 1237 BCE == Greg. Calendar 21 March 1237 BCE

The year -1236 astronomical counting style corresponds to year 1237 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1237 BCE
geocentric

MAY 1237 BCE (-1236) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 51 7	28♈27'54	16♒22	9♉ 9	28♓33	9♍44	8♊27	2♊53	19♊40	0♉16	0°R17	7°R21	8♊41	24♓43	n.a.	M 1
T 2	13 55 4	29°25'06	28°21	11°11	29°45	9°45	8°39	3° 0	19°43	0°19	0♍16	7♊18	8°38	24°50	n.a.	T 2
W 3	13 59 0	0♉22'16	10♓14	13°10	0♈57	9°48	8°50	3° 7	19°45	0°21	0°16	7°13	8°35	24°56	n.a.	W 3
T 4	14 2 57	1°19'26	22° 5	15° 8	2° 8	9°51	9° 2	3°14	19°48	0°23	0°15	7° 8	8°31	25° 3	n.a.	T 4
F 5	14 6 53	2°16'36	3♈57	17° 4	3°20	9°55	9°14	3°21	19°51	0°25	0°14	7° 1	8°28	25°10	n.a.	F 5
S 6	14 10 50	3°13'45	15°53	18°57	4°32	10° 0	9°26	3°28	19°53	0°28	0°14	6°55	8°25	25°17	n.a.	S 6
S 7	14 14 46	4°10'54	27°55	20°48	5°44	10° 5	9°38	3°35	19°56	0°30	0°13	6°50	8°22	25°23	n.a.	S 7
M 8	14 18 43	5° 8'03	10♉ 3	22°37	6°56	10°12	9°50	3°42	19°59	0°32	0°13	6°46	8°19	25°30	n.a.	M 8
T 9	14 22 39	6° 5'11	22°20	24°23	8° 8	10°19	10° 2	3°49	20° 2	0°34	0°12	6°44	8°16	25°37	n.a.	T 9
W10	14 26 36	7° 2'18	4♊48	26° 7	9°19	10°27	10°14	3°57	20° 5	0°37	0°12	6°D43	8°12	25°43	n.a.	W10
T 11	14 30 33	7°59'25	17°26	27°48	10°31	10°35	10°26	4° 4	20° 8	0°39	0°12	6°43	8° 9	25°50	n.a.	T 11
F 12	14 34 29	8°56'32	0♋19	29°28	11°43	10°44	10°38	4°11	20°11	0°41	0°11	6°44	8° 6	25°57	n.a.	F 12
S 13	14 38 26	9°53'38	13°26	1♊ 4	12°55	10°54	10°50	4°19	20°14	0°43	0°11	6°46	8° 3	26° 4	n.a.	S 13
S 14	14 42 22	10°50'44	26°51	2°39	14° 8	11° 5	11° 3	4°26	20°17	0°45	0°11	6°47	8° 0	26°10	n.a.	S 14
M15	14 46 19	11°47'49	10♌34	4°11	15°20	11°16	11°15	4°33	20°20	0°48	0°11	6°R48	7°57	26°17	n.a.	M15
T 16	14 50 15	12°44'53	24°36	5°40	16°32	11°28	11°28	4°41	20°23	0°50	0°10	6°47	7°53	26°24	n.a.	T 16
W17	14 54 12	13°41'57	8♍56	7° 7	17°44	11°41	11°40	4°48	20°26	0°52	0°10	6°46	7°50	26°31	n.a.	W17
T 18	14 58 9	14°39'00	23°31	8°31	18°56	11°54	11°52	4°56	20°29	0°54	0°10	6°44	7°47	26°37	n.a.	T 18
F 19	15 2 5	15°36'03	8♎17	9°53	20° 8	12° 8	12° 5	5° 3	20°32	0°56	0°10	6°41	7°44	26°44	n.a.	F 19
S 20	15 6 2	16°33'06	23° 7	11°12	21°20	12°23	12°18	5°11	20°36	0°59	0°10	6°38	7°41	26°51	n.a.	S 20
S 21	15 9 58	17°30'08	7♏52	12°29	22°33	12°38	12°30	5°18	20°39	1° 1	0°10	6°36	7°37	26°57	n.a.	S 21
M22	15 13 55	18°27'11	22°27	13°43	23°45	12°54	12°43	5°26	20°42	1° 3	0°D10	6°35	7°34	27° 4	n.a.	M22
T 23	15 17 51	19°24'14	6♐44	14°54	24°57	13°10	12°55	5°33	20°45	1° 5	0°10	6°D34	7°31	27°11	n.a.	T 23
W24	15 21 48	20°21'16	20°40	16° 3	26°10	13°27	13° 8	5°41	20°49	1° 7	0°10	6°35	7°28	27°18	n.a.	W24
T 25	15 25 44	21°18'20	4♑11	17° 8	27°22	13°44	13°21	5°49	20°52	1° 9	0°10	6°36	7°25	27°24	n.a.	T 25
F 26	15 29 41	22°15'23	17°19	18°11	28°35	14° 2	13°34	5°56	20°55	1°12	0°10	6°37	7°22	27°31	n.a.	F 26
S 27	15 33 38	23°12'27	0♒ 4	19°11	29°47	14°21	13°47	6° 4	20°59	1°14	0°10	6°38	7°18	27°38	n.a.	S 27
S 28	15 37 34	24° 9'31	12°30	20° 7	1♉ 0	14°40	13°59	6°12	21° 2	1°16	0°10	6°39	7°15	27°44	n.a.	S 28
M29	15 41 31	25° 6'36	24°41	21° 0	2°12	14°59	14°12	6°19	21° 6	1°18	0°11	6°R39	7°12	27°51	n.a.	M29
T 30	15 45 27	26° 3'41	6♓41	21°50	3°25	15°20	14°25	6°27	21° 9	1°20	0°11	6°39	7° 9	27°58	n.a.	T 30
W31	15 49 24	27♉ 0'47	18♓35	22♊36	4♉37	15♍40	14♊38	6♊35	21♊12	1♉22	0♍11	6♊38	7♊ 6	28♓ 5	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n 6	20s47	4s50	16n19	1n37	2s11	1s44	9n 5	1n 7	22n15	0n10	20n21	0s46	23n45	0n19	10n 3	1s49	27n49	17n32	21n54	22n 7	6s39			n.a.
T 2	11 27	17 1	5 6	17 4	1 43	1 41	1 44	9 1	1 4	22 17	0 11	20 22	0 45	23 45	0 19	10 4	1 49	27 49	17 31	21 54	22 7	6 37			n.a.
W 3	11 48	12 37	5 10	17 47	1 49	1 12	1 44	8 58	1 1	22 19	0 11	20 24	0 45	23 45	0 19	10 5	1 49	27 48	17 31	21 53	22 6	6 34			n.a.
T 4	12 8	7 46	5 0	18 28	1 54	0 43	1 43	8 54	0 58	22 21	0 11	20 25	0 45	23 45	0 19	10 6	1 49	27 48	17 30	21 52	22 6	6 31			n.a.
F 5	12 28	2 38	4 37	19 6	1 58	0 13	1 43	8 50	0 55	22 23	0 11	20 26	0 45	23 46	0 19	10 6	1 49	27 48	17 30	21 51	22 5	6 28			n.a.
S 6	12 48	2n38	4 2	19 42	2 2	0n16	1 42	8 45	0 52	22 25	0 11	20 28	0 45	23 46	0 19	10 7	1 49	27 48	17 29	21 50	22 5	6 25			n.a.
S 7	13 8	7 52	3 16	20 15	2 5	0 46	1 42	8 40	0 49	22 27	0 11	20 29	0 45	23 46	0 19	10 8	1 49	27 47	17 29	21 49	22 4	6 22			n.a.
M 8	13 27	12 51	2 20	20 47	2 7	1 15	1 41	8 35	0 47	22 29	0 11	20 31	0 45	23 46	0 19	10 9	1 49	27 47	17 28	21 48	22 4	6 19			n.a.
T 9	13 46	17 25	1 18	21 16	2 9	1 45	1 40	8 30	0 44	22 31	0 11	20 32	0 45	23 46	0 19	10 10	1 49	27 47	17 28	21 48	22 3	6 16			n.a.
W10	14 6	21 17	0 11	21 42	2 10	2 14	1 39	8 24	0 41	22 33	0 11	20 34	0 44	23 47	0 19	10 10	1 49	27 46	17 27	21 48	22 3	6 13			n.a.
T 11	14 24	24 12	0n58	22 6	2 10	2 44	1 38	8 19	0 38	22 35	0 11	20 35	0 44	23 47	0 19	10 11	1 49	27 46	17 27	21 48	22 2	6 10			n.a.
F 12	14 43	25 56	2 6	22 28	2 9	3 13	1 37	8 13	0 36	22 36	0 11	20 37	0 44	23 47	0 19	10 12	1 49	27 46	17 26	21 48	22 2	6 7			n.a.
S 13	15 2	26 16	3 8	22 48	2 8	3 43	1 36	8 6	0 33	22 38	0 12	20 38	0 44	23 47	0 19	10 13	1 49	27 45	17 26	21 48	22 1	6 4			n.a.
S 14	15 20	25 5	4 1	23 6	2 6	4 12	1 35	8 0	0 30	22 40	0 12	20 40	0 44	23 48	0 19	10 14	1 49	27 45	17 25	21 48	22 1	6 1			n.a.
M15	15 38	22 24	4 42	23 22	2 4	4 42	1 34	7 53	0 28	22 42	0 12	20 41	0 44	23 48	0 19	10 14	1 49	27 45	17 25	21 49	22 0	5 58			n.a.
T 16	15 55	18 21	5 7	23 35	2 0	5 11	1 33	7 46	0 25	22 44	0 12	20 43	0 44	23 48	0 19	10 15	1 49	27 44	17 24	21 49	22 0	5 55			n.a.
W17	16 13	13 11	5 14	23 47	1 57	5 40	1 31	7 39	0 23	22 46	0 12	20 44	0 44	23 48	0 19	10 16	1 49	27 44	17 24	21 48	21 59	5 52			n.a.
T 18	16 30	7 12	5 1	23 56	1 52	6 9	1 30	7 32	0 20	22 47	0 12	20 46	0 43	23 48	0 19	10 17	1 49	27 43	17 23	21 48	21 59	5 49			n.a.
F 19	16 47	0 45	4 28	24 4	1 47	6 38	1 29	7 24	0 18	22 49	0 12	20 47	0 43	23 49	0 19	10 17	1 49	27 43	17 22	21 47	21 58	5 46			n.a.
S 20	17 4	5s47	3 37	24 10	1 41	7 7	1 27	7 16	0 16	22 51	0 12	20 49	0 43	23 49	0 19	10 18	1 49	27 42	17 22	21 47	21 57	5 43			n.a.
S 21	17 20	11 59	2 32	24 14	1 35	7 36	1 26	7 8	0 13	22 53	0 12	20 50	0 43	23 49	0 19	10 19	1 49	27 42	17 21	21 47	21 57	5 40			n.a.
M22	17 37	17 27	1 17	24 17	1 28	8 4	1 24	7 0	0 11	22 54	0 12	20 52	0 43	23 49	0 19	10 20	1 49	27 41	17 21	21 46	21 56	5 37			n.a.
T 23	17 52	21 49	0s 1	24 18	1 20	8 33	1 22	6 51	0 9	22 56	0 12	20 53	0 43	23 50	0 19	10 20	1 49	27 41	17 20	21 46	21 56	5 34			n.a.
W24	18 8	24 47	1 17	24 17	1 12	9 1	1 21	6 43	0 6	22 58	0 13	20 55	0 43	23 50	0 19	10 21	1 49	27 40	17 20	21 46	21 55	5 31			n.a.
T 25	18 23	26 13	2 27	24 15	1 3	9 29	1 19	6 34	0 4	23 0	0 13	20 56	0 43	23 50	0 19	10 22	1 49	27 40	17 19	21 47	21 55	5 28			n.a.
F 26	18 38	26 7	3 26	24 12	0 54	9 57	1 17	6 25	0 2	23 1	0 13	20 58	0 43	23 50	0 19	10 23	1 50	27 39	17 19	21 47	21 54	5 25			n.a.
S 27	18 53	24 37	4 14	24 8	0 44	10 25	1 15	6 15	0s 0	23 3	0 13	20 59	0 43	23 51	0 19	10 23	1 50	27 39	17 18	21 47	21 54	5 22			n.a.
S 28	19 8	21 57	4 49	24 2	0 34	10 52	1 13	6 6	0 2	23 5	0 13	21 1	0 42	23 51	0 19	10 24	1 50	27 38	17 18	21 47	21 53	5 19			n.a.
M29	19 22	18 21	5 9	23 55	0 23	11 19	1 11	5 56	0 5	23 6	0 13	21 2	0 42	23 51	0 19	10 25	1 50	27 38	17 17	21 47	21 53	5 16			n.a.
T 30	19 36	14 5	5 16	23 47	0 11	11 47	1 9	5 47	0 7	23 8	0 13	21 3	0 42	23 51	0 19	10 25	1 50	27 37	17 16	21 47	21 52	5 13			n.a.
W31	19n49	9s19	5s 9	23n38	0s 0	12n13	1s 7	5n37	0s 9	23n10	0n13	21n 5	0s42	23n51	0n19	10n26	1s50	27n36	17n16	21n47	21n52	5s10			n.a.

Julian Day Number = 1269729.5, Delta T = 08h18m19s
Ecliptic obliquity = 23°50'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'37, Lahiri = -21°01'37 Julian Calendar 1 May 1237 BCE == Greg. Calendar 20 Apr. 1237 BCE

The year -1236 astronomical counting style corresponds to year 1237 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1237 BCE
geocentric

JUNE 1237 BCE (-1236) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 53 20	27♉57'53	0♈27	23♊19	5♉50	16♍ 1	14♊51	6♊43	21♊16	1♉24	0♍11	6°R37	7♊ 2	28♓11	n.a.	T 1
F 2	15 57 17	28°55'00	12°22	23°58	7° 3	16°23	15° 4	6°50	21°19	1°26	0°12	6♊36	6°59	28°18	n.a.	F 2
S 3	16 1 14	29°52'07	24°21	24°33	8°15	16°45	15°17	6°58	21°23	1°28	0°12	6°35	6°56	28°25	n.a.	S 3
S 4	16 5 10	0♊49'15	6♉30	25° 4	9°28	17° 7	15°30	7° 6	21°26	1°30	0°13	6°35	6°53	28°31	n.a.	S 4
M 5	16 9 7	1°46'24	18°49	25°31	10°41	17°30	15°43	7°14	21°30	1°32	0°13	6°34	6°50	28°38	n.a.	M 5
T 6	16 13 3	2°43'33	1♊21	25°53	11°54	17°54	15°56	7°21	21°33	1°34	0°13	6°D34	6°47	28°45	n.a.	T 6
W 7	16 17 0	3°40'43	14° 7	26°11	13° 7	18°18	16° 9	7°29	21°37	1°36	0°14	6°34	6°43	28°52	n.a.	W 7
T 8	16 20 56	4°37'54	27° 6	26°24	14°20	18°42	16°23	7°37	21°41	1°38	0°15	6°34	6°40	28°58	n.a.	T 8
F 9	16 24 53	5°35'05	10♋20	26°33	15°33	19° 7	16°36	7°45	21°44	1°40	0°15	6°34	6°37	29° 5	n.a.	F 9
S 10	16 28 49	6°32'16	23°47	26°R37	16°45	19°32	16°49	7°53	21°48	1°42	0°16	6°R34	6°34	29°12	n.a.	S 10
S 11	16 32 46	7°29'28	7♌27	26°36	17°58	19°57	17° 2	8° 1	21°51	1°44	0°16	6°34	6°31	29°18	n.a.	S 11
M12	16 36 43	8°26'40	21°19	26°30	19°11	20°23	17°15	8° 8	21°55	1°46	0°17	6°34	6°28	29°25	n.a.	M12
T 13	16 40 39	9°23'53	5♍23	26°19	20°25	20°50	17°28	8°16	21°59	1°48	0°18	6°D34	6°24	29°32	n.a.	T 13
W14	16 44 36	10°21'06	19°35	26° 3	21°38	21°16	17°42	8°24	22° 2	1°49	0°19	6°34	6°21	29°39	n.a.	W14
T 15	16 48 32	11°18'19	3♎54	25°43	22°51	21°44	17°55	8°32	22° 6	1°51	0°19	6°34	6°18	29°45	n.a.	T 15
F 16	16 52 29	12°15'33	18°18	25°17	24° 4	22°11	18° 8	8°40	22°10	1°53	0°20	6°35	6°15	29°52	n.a.	F 16
S 17	16 56 25	13°12'48	2♏41	24°48	25°17	22°39	18°21	8°47	22°13	1°55	0°21	6°35	6°12	29°59	n.a.	S 17
S 18	17 0 22	14°10'03	17° 0	24°15	26°30	23° 7	18°35	8°55	22°17	1°57	0°22	6°36	6° 8	0♈ 5	n.a.	S 18
M19	17 4 19	15° 7'20	1♐11	23°38	27°44	23°36	18°48	9° 3	22°21	1°58	0°23	6°R36	6° 5	0°12	n.a.	M19
T 20	17 8 15	16° 4'37	15° 9	22°58	28°57	24° 4	19° 1	9°11	22°24	2° 0	0°24	6°36	6° 2	0°19	n.a.	T 20
W21	17 12 12	17° 1'55	28°50	22°16	0♑10	24°34	19°14	9°18	22°28	2° 2	0°25	6°35	5°59	0°26	n.a.	W21
T 22	17 16 8	17°59'14	12♑14	21°32	1°23	25° 3	19°28	9°26	22°32	2° 3	0°26	6°34	5°56	0°32	n.a.	T 22
F 23	17 20 5	18°56'35	25°17	20°47	2°37	25°33	19°41	9°34	22°35	2° 5	0°27	6°33	5°53	0°39	n.a.	F 23
S 24	17 24 1	19°53'56	8♒ 2	20° 1	3°50	26° 3	19°54	9°42	22°39	2° 7	0°28	6°31	5°49	0°46	n.a.	S 24
S 25	17 27 58	20°51'19	20°29	19°17	5° 4	26°34	20° 7	9°49	22°43	2° 8	0°29	6°29	5°46	0°52	n.a.	S 25
M26	17 31 54	21°48'43	2♓41	18°34	6°17	27° 4	20°21	9°57	22°47	2°10	0°30	6°28	5°43	0°59	n.a.	M26
T 27	17 35 51	22°46'09	14°42	17°53	7°31	27°35	20°34	10° 5	22°50	2°12	0°31	6°27	5°40	1° 6	n.a.	T 27
W28	17 39 48	23°43'36	26°36	17°15	8°44	28° 7	20°47	10°12	22°54	2°13	0°32	6°D27	5°37	1°13	n.a.	W28
T 29	17 43 44	24°41'05	8♈29	16°41	9°58	28°38	21° 0	10°20	22°58	2°15	0°34	6°27	5°34	1°19	n.a.	T 29
F 30	17 47 41	25♊38'35	20♈24	16♊12	11♊12	29♍10	21♊14	10♊28	23♊ 1	2♉16	0♍35	6♊29	5♊30	1♈26	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 2	4s14	4s49	23n28	0s13	12n40	1s 5	5n26	0s11	23n11	0n13	21n 6	0s42	23n52	0n19	10n27	1s50	27n36	17n15	21n47	21n51	5s 7		n.a.
F 2	20 15	1n 2	4 17	23 17	0 25	13 6	1 3	5 16	0 13	23 13	0 13	21 8	0 42	23 52	0 19	10 28	1 50	27 35	17 15	21 47	21 51	5 4		n.a.
S 3	20 28	6 18	3 33	23 5	0 39	13 32	1 1	5 6	0 15	23 14	0 14	21 9	0 42	23 52	0 19	10 28	1 50	27 34	17 14	21 46	21 50	5 1		n.a.
S 4	20 40	11 25	2 39	22 53	0 52	13 58	0 59	4 55	0 16	23 16	0 14	21 11	0 42	23 52	0 19	10 29	1 50	27 34	17 14	21 46	21 49	4 58		n.a.
M 5	20 52	16 10	1 37	22 40	1 6	14 23	0 57	4 44	0 18	23 17	0 14	21 12	0 42	23 53	0 19	10 30	1 50	27 33	17 13	21 46	21 49	4 55		n.a.
T 6	21 3	20 18	0 29	22 27	1 20	14 48	0 55	4 33	0 20	23 19	0 14	21 13	0 42	23 53	0 19	10 30	1 50	27 32	17 13	21 46	21 48	4 52		n.a.
W 7	21 15	23 34	0n42	22 13	1 34	15 12	0 52	4 22	0 22	23 20	0 14	21 15	0 41	23 53	0 19	10 31	1 50	27 32	17 12	21 46	21 48	4 49		n.a.
T 8	21 25	25 40	1 51	21 59	1 49	15 37	0 50	4 11	0 24	23 22	0 14	21 16	0 41	23 53	0 19	10 32	1 50	27 31	17 11	21 46	21 47	4 46		n.a.
F 9	21 36	26 22	2 56	21 44	2 4	16 1	0 48	3 59	0 26	23 23	0 14	21 17	0 41	23 54	0 19	10 32	1 50	27 30	17 11	21 46	21 47	4 43		n.a.
S 10	21 46	25 32	3 53	21 30	2 18	16 24	0 45	3 48	0 27	23 25	0 14	21 19	0 41	23 54	0 19	10 33	1 50	27 29	17 10	21 46	21 46	4 40		n.a.
S 11	21 56	23 10	4 37	21 15	2 33	16 47	0 43	3 36	0 29	23 26	0 14	21 20	0 41	23 54	0 19	10 34	1 50	27 29	17 10	21 46	21 46	4 37		n.a.
M12	22 5	19 26	5 6	21 1	2 47	17 10	0 41	3 24	0 31	23 27	0 14	21 22	0 41	23 54	0 19	10 34	1 50	27 28	17 9	21 46	21 45	4 34		n.a.
T 13	22 14	14 35	5 17	20 46	3 1	17 32	0 38	3 12	0 32	23 29	0 14	21 23	0 41	23 55	0 19	10 35	1 50	27 27	17 9	21 46	21 45	4 31		n.a.
W14	22 23	8 54	5 9	20 32	3 15	17 54	0 36	3 0	0 34	23 30	0 15	21 24	0 41	23 55	0 19	10 35	1 50	27 26	17 8	21 46	21 44	4 28		n.a.
T 15	22 31	2 43	4 42	20 19	3 28	18 15	0 33	2 47	0 36	23 32	0 15	21 26	0 41	23 55	0 19	10 36	1 50	27 26	17 8	21 46	21 43	4 25		n.a.
F 16	22 39	3s39	3 57	20 5	3 40	18 36	0 31	2 35	0 37	23 33	0 15	21 27	0 41	23 55	0 19	10 37	1 50	27 25	17 7	21 46	21 43	4 22		n.a.
S 17	22 46	9 50	2 57	19 53	3 52	18 57	0 28	2 22	0 39	23 34	0 15	21 28	0 41	23 55	0 19	10 37	1 50	27 24	17 7	21 46	21 42	4 19		n.a.
S 18	22 53	15 30	1 46	19 41	4 2	19 17	0 26	2 10	0 40	23 35	0 15	21 29	0 41	23 56	0 19	10 38	1 50	27 23	17 6	21 46	21 42	4 16		n.a.
M19	23 0	20 15	0 30	19 30	4 12	19 36	0 23	1 57	0 42	23 37	0 15	21 31	0 40	23 56	0 19	10 38	1 50	27 22	17 5	21 47	21 41	4 13		n.a.
T 20	23 6	23 47	0s47	19 20	4 20	19 55	0 21	1 44	0 43	23 38	0 15	21 32	0 40	23 56	0 19	10 39	1 50	27 22	17 5	21 47	21 41	4 10		n.a.
W21	23 12	25 50	2 0	19 11	4 26	20 14	0 18	1 31	0 45	23 39	0 15	21 33	0 40	23 56	0 19	10 39	1 50	27 21	17 4	21 46	21 40	4 7		n.a.
T 22	23 17	26 20	3 5	19 3	4 32	20 31	0 16	1 17	0 46	23 40	0 15	21 35	0 40	23 57	0 19	10 40	1 50	27 20	17 4	21 46	21 40	4 4		n.a.
F 23	23 22	25 20	3 58	18 57	4 35	20 49	0 13	1 4	0 48	23 41	0 15	21 36	0 40	23 57	0 19	10 41	1 50	27 19	17 3	21 46	21 39	4 1		n.a.
S 24	23 27	23 2	4 38	18 52	4 37	21 6	0 11	0 51	0 49	23 43	0 16	21 37	0 40	23 57	0 19	10 41	1 50	27 18	17 3	21 46	21 38	3 58		n.a.
S 25	23 31	19 41	5 3	18 48	4 37	21 22	0 8	0 37	0 51	23 44	0 16	21 38	0 40	23 57	0 19	10 42	1 50	27 17	17 2	21 45	21 38	3 55		n.a.
M26	23 35	15 34	5 15	18 46	4 35	21 37	0 6	0 23	0 52	23 45	0 16	21 40	0 40	23 57	0 19	10 42	1 50	27 16	17 2	21 45	21 37	3 52		n.a.
T 27	23 38	10 54	5 12	18 46	4 32	21 52	0 3	0 10	0 53	23 46	0 16	21 41	0 40	23 58	0 19	10 43	1 50	27 15	17 1	21 45	21 37	3 49		n.a.
W28	23 41	5 53	4 56	18 48	4 26	22 7	0 1	0s 4	0 55	23 47	0 16	21 42	0 40	23 58	0 19	10 43	1 51	27 14	17 1	21 45	21 36	3 45		n.a.
T 29	23 44	0 40	4 28	18 52	4 19	22 21	0n 2	0 18	0 56	23 48	0 16	21 43	0 40	23 58	0 19	10 44	1 51	27 14	17 0	21 45	21 36	3 42		n.a.
F 30	23n46	4n36	3s48	18n57	4s11	22n34	0n 4	0s32	0s57	23n49	0n16	21n44	0s40	23n58	0n19	10n44	1s51	27n13	17n 0	21n45	21n35	3s39		n.a.

Julian Day Number = 1269760.5, Delta T = 08h18m17s
Ecliptic obliquity = 23°50'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'33, Lahiri = -21°01'33 Julian Calendar 1 June 1237 BCE == Greg. Calendar 21 May 1237 BCE

The year -1236 astronomical counting style corresponds to year 1237 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1237 BCE
geocentric

JULY 1237 BCE (-1236) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 51 37	26♊36'06	2♉26	15°R48	12♊25	29♍43	21♊27	10♊35	23♊ 5	2♉18	0♍36	6♊30	5♊27	1♈33	n.a.	S 1
S 2	17 55 34	27°33'39	14°40	15♊29	13°39	0♎15	21°40	10°43	23° 9	2°19	0°37	6°32	5°24	1°39	n.a.	S 2
M 3	17 59 30	28°31'14	27° 8	15°17	14°53	0°48	21°53	10°51	23°12	2°21	0°39	6°33	5°21	1°46	n.a.	M 3
T 4	18 3 27	29°28'50	9♊53	15°D11	16° 7	1°21	22° 7	10°58	23°16	2°22	0°40	6°R33	5°18	1°53	n.a.	T 4
W 5	18 7 23	0♋26'28	22°57	15°12	17°20	1°54	22°20	11° 6	23°20	2°23	0°42	6°32	5°14	1°59	n.a.	W 5
T 6	18 11 20	1°24'08	6♋20	15°21	18°34	2°28	22°33	11°13	23°24	2°25	0°43	6°30	5°11	2° 6	n.a.	T 6
F 7	18 15 17	2°21'48	19°59	15°36	19°48	3° 1	22°46	11°21	23°27	2°26	0°44	6°27	5° 8	2°13	n.a.	F 7
S 8	18 19 13	3°19'31	3♌53	15°58	21° 2	3°35	22°59	11°28	23°31	2°27	0°46	6°23	5° 5	2°20	n.a.	S 8
S 9	18 23 10	4°17'14	17°57	16°28	22°16	4°10	23°12	11°35	23°35	2°29	0°47	6°19	5° 2	2°26	n.a.	S 9
M10	18 27 6	5°14'59	2♍ 9	17° 5	23°30	4°44	23°26	11°43	23°38	2°30	0°49	6°16	4°59	2°33	n.a.	M10
T 11	18 31 3	6°12'45	16°24	17°49	24°44	5°19	23°39	11°50	23°42	2°31	0°50	6°13	4°55	2°40	n.a.	T 11
W12	18 34 59	7°10'32	0♎39	18°40	25°58	5°54	23°52	11°58	23°46	2°32	0°52	6°D12	4°52	2°46	n.a.	W12
T 13	18 38 56	8° 8'20	14°50	19°38	27°12	6°29	24° 5	12° 5	23°49	2°33	0°54	6°12	4°49	2°53	n.a.	T 13
F 14	18 42 53	9° 6'10	28°58	20°43	28°26	7° 5	24°18	12°12	23°53	2°34	0°55	6°13	4°46	3° 0	n.a.	F 14
S 15	18 46 49	10° 4'01	12♏58	21°53	29°40	7°40	24°31	12°19	23°56	2°36	0°57	6°14	4°43	3° 7	n.a.	S 15
S 16	18 50 46	11° 1'54	26°51	23°10	0♋54	8°16	24°44	12°27	24° 0	2°37	0°59	6°15	4°40	3°13	n.a.	S 16
M17	18 54 42	11°59'48	10♐35	24°32	2° 9	8°52	24°57	12°34	24° 4	2°38	1° 0	6°R16	4°36	3°20	n.a.	M17
T 18	18 58 39	12°57'44	24° 8	26° 0	3°23	9°29	25°10	12°41	24° 7	2°39	1° 2	6°14	4°33	3°27	n.a.	T 18
W19	19 2 35	13°55'41	7♑29	27°32	4°37	10° 5	25°23	12°48	24°11	2°40	1° 4	6°11	4°30	3°33	n.a.	W19
T 20	19 6 32	14°53'41	20°36	29° 9	5°51	10°42	25°36	12°55	24°14	2°41	1° 6	6° 6	4°27	3°40	n.a.	T 20
F 21	19 10 28	15°51'42	3♒28	0♋49	7° 6	11°19	25°48	13° 2	24°18	2°42	1° 7	6° 0	4°24	3°47	n.a.	F 21
S 22	19 14 25	16°49'44	16° 5	2°33	8°20	11°56	26° 1	13° 9	24°21	2°42	1° 9	5°53	4°20	3°54	n.a.	S 22
S 23	19 18 22	17°47'49	28°28	4°20	9°34	12°33	26°14	13°16	24°25	2°43	1°11	5°46	4°17	4° 0	n.a.	S 23
M24	19 22 18	18°45'56	10♓38	6°10	10°49	13°11	26°27	13°23	24°28	2°44	1°13	5°39	4°14	4° 7	n.a.	M24
T 25	19 26 15	19°44'04	22°38	8° 1	12° 3	13°48	26°39	13°30	24°32	2°45	1°15	5°34	4°11	4°14	n.a.	T 25
W26	19 30 11	20°42'15	4♈31	9°54	13°18	14°26	26°52	13°36	24°35	2°46	1°17	5°30	4° 8	4°20	n.a.	W26
T 27	19 34 8	21°40'28	16°22	11°49	14°32	15° 4	27° 5	13°43	24°39	2°46	1°19	5°29	4° 5	4°27	n.a.	T 27
F 28	19 38 4	22°38'43	28°16	13°44	15°47	15°42	27°17	13°50	24°42	2°47	1°21	5°D29	4° 1	4°34	n.a.	F 28
S 29	19 42 1	23°37'01	10♉18	15°40	17° 1	16°21	27°30	13°56	24°45	2°48	1°23	5°30	3°58	4°40	n.a.	S 29
S 30	19 45 57	24°35'20	22°32	17°36	18°16	16°59	27°42	14° 3	24°49	2°48	1°25	5°31	3°55	4°47	n.a.	S 30
M31	19 49 54	25♋33'42	5♊ 4	19♋32	19♋31	17♎38	27♊55	14♊10	24♊52	2♉49	1♍27	5°R32	3♊52	4♈54	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	9n45	2s57	19n 4	4s 1	22n46	0n 6	0s46	0s58	23n50	0n16	21n46	0s40	23n58	0n19	10n45	1s51	27n12	16n59	21n46	21n34	3s36		n.a.
S 2	23 49	14 38	1 58	19 13	3 50	22 58	0 9	1 1	1 0	23 51	0 16	21 47	0 39	23 59	0 19	10 45	1 51	27 11	16 59	21 46	21 34	3 33		n.a.
M 3	23 50	19 1	0 52	19 24	3 38	23 9	0 11	1 15	1 1	23 52	0 17	21 48	0 39	23 59	0 19	10 46	1 51	27 10	16 58	21 46	21 33	3 30		n.a.
T 4	23 50	22 37	0n18	19 37	3 25	23 20	0 14	1 29	1 2	23 53	0 17	21 49	0 39	23 59	0 19	10 46	1 51	27 9	16 58	21 46	21 33	3 27		n.a.
W 5	23 50	25 8	1 29	19 51	3 11	23 30	0 16	1 44	1 3	23 54	0 17	21 50	0 39	23 59	0 19	10 46	1 51	27 8	16 57	21 46	21 32	3 24		n.a.
T 6	23 50	26 17	2 36	20 6	2 56	23 39	0 19	1 59	1 4	23 55	0 17	21 51	0 39	24 0	0 19	10 47	1 51	27 7	16 57	21 45	21 32	3 21		n.a.
F 7	23 49	25 53	3 36	20 23	2 41	23 47	0 21	2 13	1 6	23 55	0 17	21 52	0 39	24 0	0 19	10 47	1 51	27 6	16 57	21 45	21 31	3 18		n.a.
S 8	23 48	23 53	4 24	20 41	2 25	23 55	0 23	2 28	1 7	23 56	0 17	21 53	0 39	24 0	0 19	10 48	1 51	27 5	16 56	21 44	21 30	3 15		n.a.
S 9	23 46	20 24	4 57	21 0	2 9	24 2	0 26	2 43	1 8	23 57	0 17	21 55	0 39	24 0	0 19	10 48	1 51	27 4	16 56	21 44	21 30	3 12		n.a.
M10	23 44	15 43	5 12	21 20	1 53	24 9	0 28	2 58	1 9	23 58	0 17	21 56	0 39	24 0	0 19	10 48	1 51	27 3	16 55	21 43	21 29	3 9		n.a.
T 11	23 42	10 10	5 8	21 40	1 37	24 14	0 30	3 13	1 10	23 59	0 17	21 57	0 39	24 0	0 19	10 49	1 51	27 2	16 55	21 43	21 29	3 6		n.a.
W12	23 39	4 5	4 45	22 0	1 21	24 19	0 32	3 28	1 11	23 59	0 18	21 58	0 39	24 1	0 19	10 49	1 51	27 1	16 54	21 42	21 28	3 2		n.a.
T 13	23 35	2s12	4 4	22 21	1 5	24 23	0 35	3 43	1 12	24 0	0 18	21 59	0 39	24 1	0 19	10 50	1 51	27 0	16 54	21 42	21 27	2 59		n.a.
F 14	23 31	8 20	3 9	22 41	0 50	24 27	0 37	3 58	1 13	24 1	0 18	22 0	0 39	24 1	0 19	10 50	1 51	26 59	16 53	21 42	21 27	2 56		n.a.
S 15	23 27	14 2	2 4	23 1	0 34	24 29	0 39	4 13	1 14	24 1	0 18	22 1	0 39	24 1	0 19	10 50	1 51	26 58	16 53	21 43	21 26	2 53		n.a.
S 16	23 22	18 57	0 51	23 20	0 20	24 31	0 41	4 29	1 15	24 2	0 18	22 2	0 39	24 1	0 19	10 51	1 51	26 57	16 53	21 43	21 26	2 50		n.a.
M17	23 17	22 48	0s24	23 38	0 6	24 33	0 43	4 44	1 16	24 3	0 18	22 3	0 39	24 2	0 19	10 51	1 51	26 56	16 52	21 43	21 25	2 47		n.a.
T 18	23 12	25 18	1 36	23 54	0n 7	24 33	0 45	4 59	1 17	24 3	0 18	22 4	0 38	24 2	0 19	10 51	1 51	26 55	16 52	21 43	21 24	2 44		n.a.
W19	23 6	26 19	2 41	24 9	0 20	24 33	0 47	5 15	1 18	24 4	0 18	22 5	0 38	24 2	0 19	10 51	1 52	26 54	16 51	21 42	21 24	2 41		n.a.
T 20	23 0	25 49	3 37	24 22	0 32	24 32	0 49	5 30	1 18	24 4	0 18	22 6	0 38	24 2	0 19	10 52	1 52	26 53	16 51	21 41	21 23	2 38		n.a.
F 21	22 53	23 56	4 21	24 33	0 43	24 30	0 51	5 46	1 19	24 5	0 19	22 7	0 38	24 2	0 19	10 52	1 52	26 52	16 51	21 40	21 23	2 35		n.a.
S 22	22 46	20 53	4 51	24 42	0 53	24 27	0 53	6 1	1 20	24 6	0 19	22 8	0 38	24 2	0 19	10 52	1 52	26 51	16 50	21 39	21 22	2 32		n.a.
S 23	22 38	16 58	5 6	24 49	1 2	24 24	0 55	6 17	1 21	24 6	0 19	22 9	0 38	24 3	0 19	10 52	1 52	26 50	16 50	21 38	21 22	2 28		n.a.
M24	22 30	12 26	5 8	24 53	1 11	24 20	0 56	6 32	1 22	24 7	0 19	22 9	0 38	24 3	0 19	10 53	1 52	26 49	16 50	21 37	21 21	2 25		n.a.
T 25	22 22	7 29	4 55	24 54	1 18	24 15	0 58	6 48	1 23	24 7	0 19	22 10	0 38	24 3	0 19	10 53	1 52	26 48	16 49	21 36	21 20	2 22		n.a.
W26	22 13	2 18	4 30	24 53	1 25	24 10	1 0	7 4	1 23	24 7	0 19	22 11	0 38	24 3	0 19	10 53	1 52	26 47	16 49	21 35	21 20	2 19		n.a.
T 27	22 4	2n57	3 54	24 49	1 31	24 3	1 2	7 19	1 24	24 8	0 19	22 12	0 38	24 3	0 19	10 53	1 52	26 46	16 49	21 35	21 19	2 16		n.a.
F 28	21 54	8 8	3 7	24 42	1 36	23 56	1 3	7 35	1 25	24 8	0 19	22 13	0 38	24 3	0 19	10 54	1 52	26 45	16 48	21 35	21 18	2 13		n.a.
S 29	21 44	13 4	2 12	24 33	1 40	23 48	1 5	7 51	1 26	24 9	0 20	22 14	0 38	24 4	0 19	10 54	1 52	26 44	16 48	21 35	21 18	2 10		n.a.
S 30	21 34	17 36	1 9	24 22	1 43	23 40	1 6	8 6	1 26	24 9	0 20	22 15	0 38	24 4	0 19	10 54	1 52	26 43	16 48	21 35	21 17	2 7		n.a.
M31	21n23	21n28	0s 3	24n 8	1n45	23n31	1n 8	8s22	1s27	24n 9	0n20	22n16	0s38	24n 4	0n19	10n54	1s52	26n41	16n47	21n35	21n17	2s 4		n.a.

Julian Day Number = 1269790.5, Delta T = 08h18m16s
Ecliptic obliquity = 23°50'33, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'29, Lahiri = -21°01'29 Julian Calendar 1 July 1237 BCE == Greg. Calendar 20 June 1237 BCE

The year -1236 astronomical counting style corresponds to year 1237 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1237 BCE
geocentric

AUGUST 1237 BCE (-1236) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 53 50	26♋32'06	17♊57	21♋28	20♋45	18♎17	28♊ 7	14♊16	24♊55	2♉50	1♍29	5°R31	3♊49	5♈ 1	n.a.	T 1
W 2	19 57 47	27°30'33	1♌13	23°23	22° 0	18°56	28°20	14°22	24°59	2°50	1°31	5♊28	3°46	5° 7	n.a.	W 2
T 3	20 1 44	28°29'01	14°54	25°18	23°15	19°35	28°32	14°29	25° 2	2°51	1°33	5°23	3°42	5°14	n.a.	T 3
F 4	20 5 40	29°27'32	28°57	27°13	24°29	20°14	28°44	14°35	25° 5	2°51	1°35	5°16	3°39	5°21	n.a.	F 4
S 5	20 9 37	0♌26'05	13♌17	29° 6	25°44	20°54	28°56	14°41	25° 8	2°52	1°37	5° 8	3°36	5°27	n.a.	S 5
S 6	20 13 33	1°24'39	27°50	0♌59	26°59	21°33	29° 9	14°48	25°11	2°52	1°39	4°59	3°33	5°34	n.a.	S 6
M 7	20 17 30	2°23'15	12♍28	2°51	28°14	22°13	29°21	14°54	25°15	2°52	1°41	4°50	3°30	5°41	n.a.	M 7
T 8	20 21 26	3°21'54	27° 4	4°42	29°28	22°53	29°33	15° 0	25°18	2°53	1°43	4°44	3°26	5°48	n.a.	T 8
W 9	20 25 23	4°20'34	11♎32	6°32	0♌43	23°33	29°45	15° 6	25°21	2°53	1°46	4°39	3°23	5°54	n.a.	W 9
T 10	20 29 19	5°19'16	25°48	8°21	1°58	24°13	29°57	15°12	25°24	2°53	1°48	4°37	3°20	6° 1	n.a.	T 10
F 11	20 33 16	6°17'59	9♏50	10° 9	3°13	24°54	0♋ 9	15°18	25°27	2°54	1°50	4°D37	3°17	6° 8	n.a.	F 11
S 12	20 37 13	7°16'45	23°38	11°56	4°28	25°34	0°20	15°23	25°30	2°54	1°52	4°37	3°14	6°14	n.a.	S 12
S 13	20 41 9	8°15'32	7♐12	13°42	5°43	26°15	0°32	15°29	25°33	2°54	1°54	4°R38	3°11	6°21	n.a.	S 13
M14	20 45 6	9°14'22	20°34	15°27	6°58	26°56	0°44	15°35	25°36	2°54	1°57	4°37	3° 7	6°28	n.a.	M14
T 15	20 49 2	10°13'13	3♑44	17°11	8°13	27°37	0°56	15°40	25°39	2°54	1°59	4°33	3° 4	6°34	n.a.	T 15
W16	20 52 59	11°12'06	16°42	18°54	9°28	28°18	1° 7	15°46	25°42	2°54	2° 1	4°27	3° 1	6°41	n.a.	W16
T 17	20 56 55	12°11'02	29°29	20°37	10°43	28°59	1°19	15°51	25°44	2°54	2° 3	4°18	2°58	6°48	n.a.	T 17
F 18	21 0 52	13° 9'59	12♒ 6	22°18	11°58	29°40	1°30	15°57	25°47	2°R54	2° 6	4° 7	2°55	6°55	n.a.	F 18
S 19	21 4 48	14° 8'58	24°31	23°58	13°13	0♏22	1°41	16° 2	25°50	2°54	2° 8	3°55	2°52	7° 1	n.a.	S 19
S 20	21 8 45	15° 8'00	6♓45	25°37	14°28	1° 3	1°53	16° 7	25°53	2°54	2°10	3°42	2°48	7° 8	n.a.	S 20
M21	21 12 42	16° 7'04	18°50	27°16	15°43	1°45	2° 4	16°13	25°55	2°54	2°12	3°30	2°45	7°15	n.a.	M21
T 22	21 16 38	17° 6'10	0♈46	28°53	16°58	2°27	2°15	16°18	25°58	2°54	2°15	3°20	2°42	7°21	n.a.	T 22
W23	21 20 35	18° 5'19	12°37	0♍30	18°13	3° 8	2°26	16°23	26° 1	2°54	2°17	3°12	2°39	7°28	n.a.	W23
T 24	21 24 31	19° 4'30	24°26	2° 6	19°28	3°50	2°37	16°28	26° 3	2°54	2°19	3° 7	2°36	7°35	n.a.	T 24
F 25	21 28 28	20° 3'43	6♉18	3°40	20°43	4°32	2°48	16°33	26° 6	2°53	2°22	3° 4	2°32	7°41	n.a.	F 25
S 26	21 32 24	21° 2'59	18°17	5°15	21°58	5°15	2°59	16°37	26° 8	2°53	2°24	3°D 3	2°29	7°48	n.a.	S 26
S 27	21 36 21	22° 2'18	0♊28	6°48	23°14	5°57	3° 9	16°42	26°11	2°53	2°26	3°R 3	2°26	7°55	n.a.	S 27
M28	21 40 17	23° 1'38	12°57	8°20	24°29	6°39	3°20	16°47	26°13	2°52	2°29	3° 3	2°23	8° 2	n.a.	M28
T 29	21 44 14	24° 1'02	25°50	9°52	25°44	7°22	3°31	16°51	26°16	2°52	2°31	3° 1	2°20	8° 8	n.a.	T 29
W30	21 48 10	25° 0'28	9♋ 9	11°23	26°59	8° 4	3°41	16°56	26°18	2°52	2°34	2°58	2°17	8°15	n.a.	W30
T 31	21 52 7	25♌59'56	22♋57	12♍53	28♌14	8♏47	3♋51	17♊ 0	26♊20	2♉51	2♍36	2♊51	2♊13	8♈22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n12	24n23	1n 6	23n52	1n47	23n21	1n 9	8s38	1s28	24n10	0n20	22n16	0s38	24n 4	0n19	10n54	1s52	26n40	16n47	21n35	21n16	2s 1			n.a.
W 2	21 1	26 4	2 13	23 33	1 48	23 10	1 10	8 54	1 28	24 10	0 20	22 17	0 38	24 4	0 19	10 54	1 52	26 39	16 47	21 35	21 15	1 57			n.a.
T 3	20 49	26 13	3 15	23 13	1 49	22 59	1 12	9 9	1 29	24 10	0 20	22 18	0 38	24 4	0 19	10 54	1 52	26 38	16 46	21 34	21 15	1 54			n.a.
F 4	20 36	24 44	4 6	22 50	1 48	22 47	1 13	9 25	1 30	24 10	0 20	22 19	0 38	24 4	0 20	10 55	1 52	26 37	16 46	21 32	21 14	1 51			n.a.
S 5	20 24	21 37	4 43	22 26	1 47	22 34	1 14	9 41	1 30	24 11	0 20	22 19	0 38	24 5	0 20	10 55	1 52	26 36	16 46	21 31	21 14	1 48			n.a.
S 6	20 11	17 8	5 2	22 0	1 46	22 20	1 15	9 57	1 31	24 11	0 21	22 20	0 38	24 5	0 20	10 55	1 53	26 35	16 46	21 29	21 13	1 45			n.a.
M 7	19 58	11 38	5 2	21 32	1 44	22 6	1 16	10 12	1 32	24 11	0 21	22 21	0 38	24 5	0 20	10 55	1 53	26 34	16 45	21 28	21 12	1 42			n.a.
T 8	19 44	5 29	4 42	21 3	1 42	21 52	1 17	10 28	1 32	24 11	0 21	22 22	0 37	24 5	0 20	10 55	1 53	26 33	16 45	21 26	21 12	1 39			n.a.
W 9	19 30	0s54	4 4	20 33	1 39	21 36	1 18	10 44	1 33	24 12	0 21	22 22	0 37	24 5	0 20	10 55	1 53	26 32	16 45	21 26	21 11	1 36			n.a.
T 10	19 15	7 10	3 12	20 1	1 36	21 20	1 19	10 59	1 33	24 12	0 21	22 23	0 37	24 5	0 20	10 55	1 53	26 31	16 45	21 25	21 11	1 32			n.a.
F 11	19 1	12 59	2 8	19 28	1 32	21 3	1 20	11 15	1 34	24 12	0 21	22 24	0 37	24 5	0 20	10 55	1 53	26 30	16 44	21 25	21 10	1 29			n.a.
S 12	18 46	18 3	0 58	18 54	1 28	20 46	1 20	11 31	1 34	24 12	0 21	22 25	0 37	24 6	0 20	10 55	1 53	26 29	16 44	21 25	21 9	1 26			n.a.
S 13	18 30	22 6	0s14	18 20	1 24	20 28	1 21	11 46	1 35	24 12	0 22	22 25	0 37	24 6	0 20	10 55	1 53	26 28	16 44	21 25	21 9	1 23			n.a.
M14	18 15	24 54	1 24	17 44	1 19	20 10	1 22	12 2	1 35	24 12	0 22	22 26	0 37	24 6	0 20	10 55	1 53	26 27	16 44	21 25	21 8	1 20			n.a.
T 15	17 59	26 15	2 28	17 7	1 14	19 50	1 22	12 17	1 36	24 12	0 22	22 26	0 37	24 6	0 20	10 55	1 53	26 26	16 44	21 24	21 7	1 17			n.a.
W16	17 42	26 9	3 24	16 30	1 9	19 31	1 23	12 32	1 36	24 12	0 22	22 27	0 37	24 6	0 20	10 55	1 53	26 25	16 43	21 23	21 7	1 14			n.a.
T 17	17 26	24 38	4 8	15 52	1 4	19 10	1 23	12 48	1 37	24 12	0 22	22 28	0 37	24 6	0 20	10 55	1 53	26 24	16 43	21 22	21 6	1 11			n.a.
F 18	17 9	21 55	4 40	15 13	0 58	18 50	1 24	13 3	1 37	24 12	0 22	22 28	0 37	24 6	0 20	10 55	1 53	26 23	16 43	21 20	21 6	1 7			n.a.
S 19	16 52	18 13	4 57	14 34	0 52	18 28	1 24	13 18	1 38	24 12	0 22	22 29	0 37	24 6	0 20	10 55	1 53	26 22	16 43	21 17	21 5	1 4			n.a.
S 20	16 34	13 49	5 1	13 55	0 46	18 6	1 24	13 34	1 38	24 12	0 23	22 30	0 37	24 6	0 20	10 55	1 53	26 21	16 43	21 15	21 4	1 1			n.a.
M21	16 16	8 56	4 51	13 15	0 40	17 44	1 24	13 49	1 38	24 12	0 23	22 30	0 37	24 7	0 20	10 55	1 53	26 20	16 43	21 12	21 4	0 58			n.a.
T 22	15 58	3 46	4 28	12 35	0 33	17 21	1 24	14 4	1 39	24 12	0 23	22 31	0 37	24 7	0 20	10 55	1 53	26 19	16 43	21 10	21 3	0 55			n.a.
W23	15 40	1n30	3 54	11 54	0 27	16 58	1 24	14 19	1 39	24 12	0 23	22 31	0 37	24 7	0 20	10 54	1 54	26 18	16 42	21 9	21 2	0 52			n.a.
T 24	15 21	6 42	3 9	11 13	0 20	16 34	1 24	14 34	1 39	24 12	0 23	22 32	0 37	24 7	0 20	10 54	1 54	26 17	16 42	21 8	21 2	0 49			n.a.
F 25	15 2	11 42	2 17	10 32	0 13	16 9	1 24	14 49	1 40	24 12	0 23	22 32	0 37	24 7	0 20	10 54	1 54	26 16	16 42	21 7	21 1	0 45			n.a.
S 26	14 43	16 19	1 17	9 51	0 7	15 45	1 24	15 3	1 40	24 12	0 23	22 33	0 37	24 7	0 20	10 54	1 54	26 15	16 42	21 7	21 1	0 42			n.a.
S 27	14 24	20 22	0 14	9 9	0s 0	15 19	1 24	15 18	1 40	24 12	0 24	22 33	0 37	24 7	0 20	10 54	1 54	26 14	16 42	21 7	21 0	0 39			n.a.
M28	14 4	23 36	0n52	8 28	0 7	14 54	1 24	15 33	1 41	24 12	0 24	22 34	0 37	24 7	0 20	10 54	1 54	26 13	16 42	21 7	20 59	0 36			n.a.
T 29	13 44	25 44	1 57	7 46	0 14	14 28	1 23	15 47	1 41	24 12	0 24	22 34	0 37	24 7	0 20	10 54	1 54	26 12	16 42	21 7	20 59	0 33			n.a.
W30	13 24	26 29	2 58	7 5	0 22	14 1	1 23	16 2	1 41	24 11	0 24	22 35	0 37	24 7	0 20	10 53	1 54	26 11	16 42	21 6	20 58	0 30			n.a.
T 31	13n 4	25n39	3n51	6n23	0s29	13n34	1n22	16s16	1s41	24n11	0n24	22n35	0s37	24n 8	0n20	10n53	1s54	26n10	16n42	21n 5	20n57	0s27			n.a.

Julian Day Number = 1269821.5, Delta T = 08h18m14s
Ecliptic obliquity = 23°50'33, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'25, Lahiri = -21°01'24 Julian Calendar 1 Aug. 1237 BCE == Greg. Calendar 21 July 1237 BCE

The year -1236 astronomical counting style corresponds to year 1237 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1237 BCE
geocentric

SEPTEMBER 1237 BCE (-1236) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 56 4	26♌59'27	7♌12	14♍23	29♌30	9♏30	4♋ 2	17♊ 4	26♊23	2°R51	2♍38	2°R42	2♊10	8♈28	n.a.	F 1
S 2	22 0 0	27°58'59	21°52	15°51	0♍45	10°13	4°12	17° 8	26°25	2♉50	2°41	2♊30	2° 7	8°35	n.a.	S 2
S 3	22 3 57	28°58'34	6♍47	17°19	2° 0	10°56	4°22	17°12	26°27	2°50	2°43	2°19	2° 4	8°42	n.a.	S 3
M 4	22 7 53	29°58'12	21°50	18°46	3°15	11°39	4°32	17°16	26°29	2°49	2°45	2° 8	2° 1	8°48	n.a.	M 4
T 5	22 11 50	0♍57'51	6♎50	20°12	4°31	12°22	4°42	17°20	26°31	2°49	2°48	1°58	1°58	8°55	n.a.	T 5
W 6	22 15 46	1°57'32	21°38	21°37	5°46	13° 6	4°52	17°24	26°33	2°48	2°50	1°52	1°54	9° 2	n.a.	W 6
T 7	22 19 43	2°57'15	6♏ 9	23° 1	7° 1	13°49	5° 1	17°28	26°35	2°47	2°53	1°48	1°51	9° 8	n.a.	T 7
F 8	22 23 39	3°57'00	20°19	24°25	8°16	14°32	5°11	17°32	26°37	2°47	2°55	1°47	1°48	9°15	n.a.	F 8
S 9	22 27 36	4°56'46	4♐ 7	25°47	9°32	15°16	5°20	17°35	26°39	2°46	2°57	1°47	1°45	9°22	n.a.	S 9
S 10	22 31 32	5°56'35	17°34	27° 9	10°47	16° 0	5°30	17°38	26°41	2°45	3° 0	1°46	1°42	9°29	n.a.	S 10
M11	22 35 29	6°56'25	0♑43	28°29	12° 2	16°43	5°39	17°42	26°43	2°44	3° 2	1°45	1°38	9°35	n.a.	M11
T 12	22 39 26	7°56'18	13°37	29°48	13°18	17°27	5°48	17°45	26°44	2°44	3° 5	1°41	1°35	9°42	n.a.	T 12
W13	22 43 22	8°56'12	26°18	1♎ 7	14°33	18°11	5°57	17°48	26°46	2°43	3° 7	1°34	1°32	9°49	n.a.	W13
T 14	22 47 19	9°56'08	8♒48	2°23	15°48	18°55	6° 6	17°51	26°48	2°42	3° 9	1°24	1°29	9°55	n.a.	T 14
F 15	22 51 15	10°56'06	21° 9	3°39	17° 4	19°39	6°15	17°54	26°49	2°41	3°12	1°12	1°26	10° 2	n.a.	F 15
S 16	22 55 12	11°56'06	3♓21	4°53	18°19	20°23	6°23	17°57	26°51	2°40	3°14	0°58	1°23	10° 9	n.a.	S 16
S 17	22 59 8	12°56'07	15°26	6° 5	19°34	21° 7	6°32	18° 0	26°52	2°39	3°16	0°44	1°19	10°15	n.a.	S 17
M18	23 3 5	13°56'11	27°24	7°15	20°49	21°51	6°40	18° 2	26°54	2°38	3°19	0°30	1°16	10°22	n.a.	M18
T 19	23 7 1	14°56'17	9♈16	8°24	22° 5	22°36	6°49	18° 5	26°55	2°37	3°21	0°19	1°13	10°29	n.a.	T 19
W20	23 10 58	15°56'25	21° 6	9°30	23°20	23°20	6°57	18° 7	26°57	2°36	3°24	0°10	1°10	10°35	n.a.	W20
T 21	23 14 54	16°56'35	2♉54	10°34	24°35	24° 4	7° 5	18°10	26°58	2°35	3°26	0° 4	1° 7	10°42	n.a.	T 21
F 22	23 18 51	17°56'47	14°45	11°36	25°51	24°49	7°13	18°12	26°59	2°34	3°28	0° 0	1° 3	10°49	n.a.	F 22
S 23	23 22 48	18°57'02	26°42	12°34	27° 6	25°33	7°21	18°14	27° 0	2°33	3°31	29°D59	1° 0	10°56	n.a.	S 23
S 24	23 26 44	19°57'18	8♊51	13°29	28°21	26°18	7°28	18°16	27° 1	2°32	3°33	29♉59	0°57	11° 2	n.a.	S 24
M25	23 30 41	20°57'37	21°16	14°20	29°37	27° 3	7°36	18°18	27° 3	2°30	3°35	29°R59	0°54	11° 9	n.a.	M25
T 26	23 34 37	21°57'58	4♋ 3	15° 7	0♎52	27°47	7°43	18°20	27° 4	2°29	3°37	29°59	0°51	11°16	n.a.	T 26
W27	23 38 34	22°58'22	17°17	15°50	2° 7	28°32	7°50	18°21	27° 5	2°28	3°40	29°57	0°48	11°22	n.a.	W27
T 28	23 42 30	23°58'47	1♌ 0	16°27	3°23	29°17	7°57	18°23	27° 6	2°27	3°42	29°52	0°44	11°29	n.a.	T 28
F 29	23 46 27	24°59'15	15°13	16°59	4°38	0♐ 2	8° 4	18°24	27° 6	2°26	3°44	29°44	0°41	11°36	n.a.	F 29
S 30	23 50 23	25♍59'44	29♌54	17♎25	5♎53	0♐47	8♋11	18♊26	27♊ 7	2♉24	3♍47	29♉35	0♊38	11♈42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n43	23n 9	4n31	5n42	0s36	13n 7	1n22	16s30	1s42	24n11	0n24	22n36	0s37	24n 8	0n20	10n53	1s54	26n 9	16n42	21n 3	20n57	0s23		n.a.
S 2	12 22	19 6	4 55	5 1	0 43	12 39	1 21	16 44	1 42	24 11	0 25	22 36	0 37	24 8	0 20	10 53	1 54	26 8	16 42	21 1	20 56	0 20		n.a.
S 3	12 1	13 47	4 59	4 19	0 50	12 11	1 21	16 58	1 42	24 11	0 25	22 37	0 36	24 8	0 20	10 52	1 54	26 7	16 42	20 58	20 55	0 17		n.a.
M 4	11 40	7 36	4 43	3 38	0 57	11 43	1 20	17 12	1 42	24 11	0 25	22 37	0 36	24 8	0 20	10 52	1 54	26 6	16 42	20 56	20 55	0 14		n.a.
T 5	11 19	1 1	4 7	2 58	1 5	11 15	1 19	17 26	1 42	24 10	0 25	22 37	0 36	24 8	0 20	10 52	1 54	26 5	16 42	20 54	20 54	0 11		n.a.
W 6	10 57	5s34	3 15	2 17	1 12	10 46	1 18	17 39	1 43	24 10	0 25	22 38	0 36	24 8	0 20	10 52	1 54	26 4	16 42	20 53	20 53	0 8		n.a.
T 7	10 35	11 44	2 11	1 37	1 19	10 16	1 17	17 53	1 43	24 10	0 25	22 38	0 36	24 8	0 20	10 51	1 54	26 3	16 42	20 52	20 53	0 4		n.a.
F 8	10 14	17 9	1 0	0 57	1 26	9 47	1 16	18 6	1 43	24 10	0 26	22 39	0 36	24 8	0 20	10 51	1 54	26 3	16 42	20 52	20 52	0 1		n.a.
S 9	9 51	21 32	0s12	0 17	1 32	9 17	1 15	18 20	1 43	24 10	0 26	22 39	0 36	24 8	0 20	10 51	1 54	26 2	16 42	20 52	20 52	0n 2		n.a.
S 10	9 29	24 37	1 22	0s22	1 39	8 47	1 14	18 33	1 43	24 9	0 26	22 39	0 36	24 8	0 20	10 51	1 55	26 1	16 42	20 52	20 51	0 5		n.a.
M11	9 7	26 17	2 26	1 0	1 46	8 17	1 13	18 46	1 43	24 9	0 26	22 40	0 36	24 8	0 20	10 50	1 55	26 0	16 42	20 52	20 50	0 8		n.a.
T 12	8 44	26 28	3 22	1 38	1 52	7 47	1 12	18 58	1 43	24 9	0 26	22 40	0 36	24 9	0 20	10 50	1 55	25 59	16 42	20 51	20 50	0 11		n.a.
W13	8 21	25 16	4 6	2 16	1 59	7 16	1 11	19 11	1 43	24 9	0 26	22 40	0 36	24 9	0 20	10 50	1 55	25 58	16 42	20 49	20 49	0 14		n.a.
T 14	7 58	22 49	4 37	2 52	2 5	6 45	1 9	19 24	1 43	24 8	0 27	22 41	0 36	24 9	0 20	10 49	1 55	25 57	16 42	20 47	20 48	0 18		n.a.
F 15	7 35	19 20	4 55	3 28	2 11	6 14	1 8	19 36	1 43	24 8	0 27	22 41	0 36	24 9	0 21	10 49	1 55	25 56	16 42	20 45	20 48	0 21		n.a.
S 16	7 12	15 5	5 0	4 3	2 17	5 43	1 7	19 48	1 44	24 8	0 27	22 41	0 36	24 9	0 21	10 48	1 55	25 56	16 42	20 42	20 47	0 24		n.a.
S 17	6 49	10 17	4 50	4 37	2 22	5 11	1 5	20 0	1 44	24 8	0 27	22 42	0 36	24 9	0 21	10 48	1 55	25 55	16 42	20 39	20 46	0 27		n.a.
M18	6 25	5 8	4 28	5 11	2 27	4 40	1 4	20 12	1 44	24 8	0 27	22 42	0 36	24 9	0 21	10 48	1 55	25 54	16 42	20 36	20 46	0 30		n.a.
T 19	6 2	0n 9	3 54	5 43	2 32	4 8	1 2	20 24	1 44	24 7	0 27	22 42	0 36	24 9	0 21	10 47	1 55	25 53	16 42	20 34	20 45	0 33		n.a.
W20	5 38	5 26	3 11	6 13	2 37	3 37	1 0	20 35	1 44	24 7	0 28	22 42	0 36	24 9	0 21	10 47	1 55	25 52	16 43	20 32	20 44	0 37		n.a.
T 21	5 14	10 31	2 18	6 43	2 41	3 5	0 59	20 47	1 44	24 7	0 28	22 43	0 36	24 9	0 21	10 47	1 55	25 52	16 43	20 30	20 44	0 40		n.a.
F 22	4 51	15 16	1 20	7 11	2 45	2 33	0 57	20 58	1 44	24 7	0 28	22 43	0 36	24 9	0 21	10 46	1 55	25 51	16 43	20 30	20 43	0 43		n.a.
S 23	4 27	19 28	0 17	7 37	2 48	2 1	0 55	21 9	1 43	24 6	0 28	22 43	0 36	24 9	0 21	10 46	1 55	25 50	16 43	20 29	20 42	0 46		n.a.
S 24	4 3	22 55	0n47	8 1	2 51	1 29	0 53	21 19	1 43	24 6	0 28	22 43	0 36	24 9	0 21	10 45	1 55	25 49	16 43	20 29	20 42	0 49		n.a.
M25	3 38	25 23	1 51	8 23	2 53	0 57	0 52	21 30	1 43	24 6	0 29	22 43	0 36	24 9	0 21	10 45	1 55	25 49	16 43	20 29	20 41	0 52		n.a.
T 26	3 14	26 38	2 51	8 43	2 54	0 24	0 50	21 40	1 43	24 6	0 29	22 44	0 36	24 9	0 21	10 44	1 55	25 48	16 44	20 29	20 40	0 56		n.a.
W27	2 50	26 24	3 44	9 1	2 55	0s 8	0 48	21 51	1 43	24 5	0 29	22 44	0 36	24 9	0 21	10 44	1 55	25 47	16 44	20 29	20 40	0 59		n.a.
T 28	2 26	24 36	4 26	9 15	2 54	0 40	0 46	22 1	1 43	24 5	0 29	22 44	0 36	24 9	0 21	10 43	1 55	25 47	16 44	20 28	20 39	1 2		n.a.
F 29	2 1	21 13	4 54	9 27	2 53	1 12	0 44	22 10	1 43	24 5	0 29	22 44	0 36	24 10	0 21	10 43	1 55	25 46	16 44	20 26	20 38	1 5		n.a.
S 30	1n37	16n25	5n 3	9s34	2s51	1s44	0n42	22s20	1s43	24n 5	0n30	22n44	0s36	24n10	0n21	10n43	1s55	25n45	16n44	20n24	20n38	1n 8		n.a.

Julian Day Number = 1269852.5, Delta T = 08h18m12s
Ecliptic obliquity = 23°50'34, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'21, Lahiri = -21°01'20 Julian Calendar 1 Sept. 1237 BCE == Greg. Calendar 21 Aug. 1237 BCE

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ASTRODIENST EPHEMERIS for the year 1237 BCE
geocentric

OCTOBER 1237 BCE (-1236) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 54 20	27♍ 0'15	14♍57	17♎43	7♎ 9	1♐32	8♋18	18♊27	27♊ 8	2°R23	3♍49	29°R25	0♊35	11♈49	n.a.	S 1
M 2	23 58 17	28° 0'48	0♎12	17°54	8°24	2°17	8°24	18°28	27° 9	2♉22	3°51	29♉15	0°32	11°56	n.a.	M 2
T 3	0 2 13	29° 1'23	15°29	17°R56	9°39	3° 2	8°31	18°29	27° 9	2°20	3°53	29° 7	0°29	12° 2	n.a.	T 3
W 4	0 6 10	0♎ 1'59	0♏37	17°50	10°55	3°47	8°37	18°30	27°10	2°19	3°55	29° 2	0°25	12° 9	n.a.	W 4
T 5	0 10 6	1° 2'37	15°25	17°33	12°10	4°32	8°43	18°30	27°10	2°18	3°58	28°59	0°22	12°16	n.a.	T 5
F 6	0 14 3	2° 3'17	29°51	17° 7	13°25	5°17	8°49	18°31	27°11	2°16	4° 0	28°D58	0°19	12°23	n.a.	F 6
S 7	0 17 59	3° 3'58	13♐49	16°30	14°40	6° 3	8°54	18°32	27°11	2°15	4° 2	28°59	0°16	12°29	n.a.	S 7
S 8	0 21 56	4° 4'40	27°22	15°43	15°56	6°48	9° 0	18°32	27°12	2°13	4° 4	29° 0	0°13	12°36	n.a.	S 8
M 9	0 25 52	5° 5'23	10♑31	14°47	17°11	7°33	9° 5	18°32	27°12	2°12	4° 6	29°R 0	0° 9	12°43	n.a.	M 9
T 10	0 29 49	6° 6'08	23°20	13°41	18°26	8°19	9°11	18°33	27°12	2°10	4° 8	28°58	0° 6	12°49	n.a.	T 10
W11	0 33 46	7° 6'54	5♒53	12°29	19°42	9° 4	9°16	18°R33	27°12	2° 9	4°10	28°54	0° 3	12°56	n.a.	W11
T 12	0 37 42	8° 7'41	18°12	11°11	20°57	9°49	9°21	18°33	27°13	2° 7	4°13	28°48	29♉59	13° 3	n.a.	T 12
F 13	0 41 39	9° 8'29	0♓21	9°49	22°12	10°35	9°25	18°33	27°13	2° 6	4°15	28°40	29°57	13° 9	n.a.	F 13
S 14	0 45 35	10° 9'19	12°23	8°28	23°27	11°20	9°30	18°32	27°R13	2° 4	4°17	28°30	29°54	13°16	n.a.	S 14
S 15	0 49 32	11°10'10	24°19	7° 9	24°43	12° 6	9°34	18°32	27°13	2° 3	4°19	28°20	29°50	13°23	n.a.	S 15
M16	0 53 28	12°11'02	6♈12	5°55	25°58	12°51	9°39	18°31	27°13	2° 1	4°21	28°11	29°47	13°29	n.a.	M16
T 17	0 57 25	13°11'55	18° 2	4°48	27°13	13°37	9°43	18°31	27°13	2° 0	4°23	28° 3	29°44	13°36	n.a.	T 17
W18	1 1 21	14°12'50	29°52	3°50	28°28	14°23	9°46	18°30	27°12	1°58	4°25	27°57	29°41	13°43	n.a.	W18
T 19	1 5 18	15°13'46	11♉43	3° 3	29°44	15° 8	9°50	18°29	27°12	1°56	4°27	27°54	29°38	13°49	n.a.	T 19
F 20	1 9 15	16°14'43	23°38	2°27	0♏59	15°54	9°54	18°28	27°12	1°55	4°28	27°D52	29°34	13°56	n.a.	F 20
S 21	1 13 11	17°15'42	5♊40	2° 2	2°14	16°40	9°57	18°27	27°11	1°53	4°30	27°52	29°31	14° 3	n.a.	S 21
S 22	1 17 8	18°16'42	17°52	1°49	3°29	17°25	10° 0	18°26	27°11	1°51	4°32	27°54	29°28	14°10	n.a.	S 22
M23	1 21 4	19°17'44	0♋18	1°D48	4°44	18°11	10° 3	18°25	27°11	1°50	4°34	27°55	29°25	14°16	n.a.	M23
T 24	1 25 1	20°18'47	13° 3	1°56	5°59	18°57	10° 6	18°24	27°10	1°48	4°36	27°57	29°22	14°23	n.a.	T 24
W25	1 28 57	21°19'52	26°10	2°15	7°15	19°42	10° 8	18°22	27° 9	1°46	4°38	27°R57	29°19	14°30	n.a.	W25
T 26	1 32 54	22°20'57	9♌43	2°42	8°30	20°28	10°11	18°20	27° 9	1°45	4°40	27°55	29°15	14°36	n.a.	T 26
F 27	1 36 50	23°22'04	23°44	3°17	9°45	21°14	10°13	18°19	27° 8	1°43	4°41	27°52	29°12	14°43	n.a.	F 27
S 28	1 40 47	24°23'12	8♍11	3°59	11° 0	22° 0	10°15	18°17	27° 7	1°41	4°43	27°48	29° 9	14°50	n.a.	S 28
S 29	1 44 44	25°24'22	23° 3	4°48	12°15	22°46	10°17	18°15	27° 7	1°40	4°45	27°43	29° 6	14°56	n.a.	S 29
M30	1 48 40	26°25'32	8♎11	5°42	13°30	23°31	10°19	18°13	27° 6	1°38	4°46	27°38	29° 3	15° 3	n.a.	M30
T 31	1 52 37	27♎26'43	23♎26	6♎40	14♏45	24♐17	10♋20	18♊11	27♊ 5	1♉36	4♍48	27♉34	29♉ 0	15♈10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	1n13	10n30	4n53	9s39	2s48	2s17	0n40	22s29	1s43	24n 4	0n30	22n44	0s36	24n10	0n21	10n42	1s55	25n45	16n45	20n22	20n37	1n12			n.a.
M 2	0 48	3 54	4 21	9 38	2 43	2 49	0 37	22 38	1 43	24 4	0 30	22 45	0 36	24 10	0 21	10 42	1 55	25 44	16 45	20 20	20 36	1 15			n.a.
T 3	0 24	2s58	3 30	9 34	2 37	3 21	0 35	22 47	1 42	24 4	0 30	22 45	0 36	24 10	0 21	10 41	1 55	25 43	16 45	20 18	20 36	1 18			n.a.
W 4	0s 1	9 37	2 26	9 24	2 29	3 53	0 33	22 56	1 42	24 4	0 30	22 45	0 35	24 10	0 21	10 41	1 56	25 43	16 45	20 17	20 35	1 21			n.a.
T 5	0 25	15 35	1 12	9 9	2 20	4 25	0 31	23 5	1 42	24 4	0 31	22 45	0 35	24 10	0 21	10 40	1 56	25 42	16 46	20 16	20 34	1 24			n.a.
F 6	0 50	20 32	0s 5	8 49	2 9	4 57	0 29	23 13	1 42	24 3	0 31	22 45	0 35	24 10	0 21	10 39	1 56	25 41	16 46	20 16	20 34	1 27			n.a.
S 7	1 14	24 9	1 19	8 23	1 57	5 28	0 26	23 21	1 42	24 3	0 31	22 45	0 35	24 10	0 21	10 39	1 56	25 41	16 46	20 16	20 33	1 31			n.a.
S 8	1 39	26 15	2 26	7 51	1 42	6 0	0 24	23 29	1 41	24 3	0 31	22 45	0 35	24 10	0 21	10 38	1 56	25 40	16 46	20 16	20 32	1 34			n.a.
M 9	2 3	26 48	3 24	7 14	1 26	6 32	0 22	23 36	1 41	24 3	0 31	22 45	0 35	24 10	0 21	10 38	1 56	25 40	16 47	20 16	20 32	1 37			n.a.
T 10	2 28	25 53	4 10	6 32	1 8	7 3	0 19	23 43	1 41	24 3	0 32	22 45	0 35	24 10	0 21	10 37	1 56	25 39	16 47	20 16	20 31	1 40			n.a.
W11	2 52	23 40	4 42	5 46	0 49	7 34	0 17	23 50	1 41	24 3	0 32	22 45	0 35	24 10	0 21	10 37	1 56	25 39	16 47	20 15	20 30	1 43			n.a.
T 12	3 17	20 24	5 1	4 56	0 29	8 5	0 15	23 57	1 41	24 2	0 32	22 45	0 35	24 10	0 21	10 36	1 56	25 38	16 48	20 14	20 29	1 47			n.a.
F 13	3 41	16 18	5 6	4 5	0 8	8 36	0 12	24 4	1 40	24 2	0 32	22 45	0 35	24 10	0 21	10 36	1 56	25 38	16 48	20 12	20 29	1 50			n.a.
S 14	4 5	11 36	4 58	3 13	0n12	9 6	0 10	24 10	1 40	24 2	0 32	22 45	0 35	24 10	0 21	10 35	1 56	25 37	16 48	20 10	20 28	1 53			n.a.
S 15	4 29	6 30	4 36	2 23	0 33	9 37	0 7	24 16	1 40	24 2	0 33	22 45	0 35	24 10	0 21	10 35	1 56	25 37	16 49	20 7	20 27	1 56			n.a.
M16	4 54	1 12	4 3	1 35	0 52	10 7	0 5	24 22	1 39	24 2	0 33	22 45	0 35	24 10	0 21	10 34	1 56	25 36	16 49	20 5	20 27	1 59			n.a.
T 17	5 18	4n 8	3 18	0 52	1 10	10 37	0 2	24 28	1 39	24 2	0 33	22 45	0 35	24 10	0 21	10 33	1 56	25 36	16 49	20 4	20 26	2 2			n.a.
W18	5 42	9 21	2 26	0 14	1 27	11 7	0 0	24 33	1 39	24 2	0 33	22 45	0 35	24 10	0 21	10 33	1 56	25 35	16 50	20 2	20 25	2 6			n.a.
T 19	6 6	14 14	1 26	0n19	1 41	11 36	0s 2	24 38	1 39	24 2	0 34	22 45	0 35	24 10	0 21	10 32	1 56	25 35	16 50	20 1	20 25	2 9			n.a.
F 20	6 30	18 38	0 23	0 45	1 54	12 5	0 5	24 43	1 38	24 2	0 34	22 45	0 35	24 10	0 22	10 32	1 56	25 35	16 50	20 1	20 24	2 12			n.a.
S 21	6 53	22 18	0n42	1 5	2 5	12 34	0 7	24 47	1 38	24 2	0 34	22 45	0 35	24 10	0 22	10 31	1 56	25 34	16 51	20 1	20 23	2 15			n.a.
S 22	7 17	25 3	1 47	1 18	2 14	13 2	0 10	24 51	1 38	24 2	0 34	22 45	0 35	24 10	0 22	10 31	1 56	25 34	16 51	20 1	20 23	2 18			n.a.
M23	7 41	26 38	2 47	1 25	2 21	13 31	0 12	24 55	1 37	24 2	0 34	22 45	0 35	24 10	0 22	10 30	1 56	25 33	16 52	20 2	20 22	2 22			n.a.
T 24	8 4	26 52	3 41	1 26	2 26	13 58	0 15	24 59	1 37	24 2	0 35	22 45	0 35	24 10	0 22	10 29	1 56	25 33	16 52	20 2	20 21	2 25			n.a.
W25	8 27	25 37	4 26	1 22	2 30	14 26	0 17	25 2	1 37	24 2	0 35	22 45	0 35	24 10	0 22	10 29	1 56	25 33	16 52	20 2	20 20	2 28			n.a.
T 26	8 51	22 52	4 57	1 13	2 32	14 53	0 20	25 6	1 36	24 2	0 35	22 45	0 35	24 10	0 22	10 28	1 56	25 32	16 53	20 2	20 20	2 31			n.a.
F 27	9 14	18 43	5 11	1 0	2 33	15 20	0 22	25 8	1 36	24 2	0 35	22 45	0 35	24 10	0 22	10 28	1 56	25 32	16 53	20 1	20 19	2 34			n.a.
S 28	9 36	13 22	5 7	0 43	2 32	15 46	0 25	25 11	1 35	24 2	0 36	22 45	0 34	24 10	0 22	10 27	1 56	25 32	16 54	20 0	20 18	2 38			n.a.
S 29	9 59	7 7	4 42	0 22	2 31	16 12	0 27	25 13	1 35	24 2	0 36	22 45	0 34	24 10	0 22	10 26	1 56	25 32	16 54	19 59	20 18	2 41			n.a.
M30	10 22	0 20	3 58	0s 1	2 29	16 38	0 30	25 15	1 35	24 2	0 36	22 44	0 34	24 10	0 22	10 26	1 56	25 31	16 55	19 58	20 17	2 44			n.a.
T 31	10s44	6s32	2n56	0s28	2n26	17s 3	0s32	25s17	1s34	24n 2	0n36	22n44	0s34	24n10	0n22	10n25	1s56	25n31	16n55	19n57	20n16	2n47			n.a.

Julian Day Number = 1269882.5, Delta T = 08h18m11s
Ecliptic obliquity = 23°50'34, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'17, Lahiri = -21°01'16 Julian Calendar 1 Oct. 1237 BCE == Greg. Calendar 20 Sept. 1237 BCE

The year -1236 astronomical counting style corresponds to year 1237 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1237 BCE
geocentric

NOVEMBER 1237 BCE (-1236) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 56 33	28♎27'55	8♏38	7♎43	16♏ 1	25♐ 3	10♋21	18°R 9	27°R 4	1°R35	4♍50	27°R32	28♉56	15♈16	n.a.	W 1
T 2	2 0 30	29°29'08	23°38	8°50	17°16	25°49	10°22	18♊ 6	27♊ 3	1♉33	4°51	27°D31	28°53	15°23	n.a.	T 2
F 3	2 4 26	0♏30'22	8♐16	10° 0	18°31	26°35	10°23	18° 4	27° 2	1°31	4°53	27♉31	28°50	15°30	n.a.	F 3
S 4	2 8 23	1°31'36	22°28	11°13	19°46	27°21	10°24	18° 1	27° 1	1°29	4°54	27°32	28°47	15°36	n.a.	S 4
S 5	2 12 19	2°32'50	6♑13	12°28	21° 1	28° 7	10°24	17°59	27° 0	1°28	4°56	27°34	28°44	15°43	n.a.	S 5
M 6	2 16 16	3°34'05	19°31	13°45	22°16	28°53	10°25	17°56	26°58	1°26	4°57	27°35	28°40	15°50	n.a.	M 6
T 7	2 20 13	4°35'20	2♒25	15° 4	23°31	29°39	10°R25	17°53	26°57	1°24	4°59	27°R36	28°37	15°56	n.a.	T 7
W 8	2 24 9	5°36'35	14°58	16°24	24°46	0♑24	10°25	17°50	26°56	1°23	5° 0	27°35	28°34	16° 3	n.a.	W 8
T 9	2 28 6	6°37'51	27°15	17°46	26° 1	1°10	10°24	17°47	26°55	1°21	5° 2	27°34	28°31	16°10	n.a.	T 9
F 10	2 32 2	7°39'06	9♓19	19° 9	27°16	1°56	10°24	17°44	26°53	1°19	5° 3	27°32	28°28	16°17	n.a.	F 10
S 11	2 35 59	8°40'22	21°15	20°33	28°31	2°42	10°23	17°41	26°52	1°18	5° 4	27°29	28°25	16°23	n.a.	S 11
S 12	2 39 55	9°41'38	3♈ 6	21°59	29°46	3°28	10°22	17°38	26°50	1°16	5° 6	27°26	28°21	16°30	n.a.	S 12
M13	2 43 52	10°42'54	14°56	23°24	1♐ 1	4°14	10°21	17°34	26°49	1°14	5° 7	27°23	28°18	16°37	n.a.	M13
T 14	2 47 49	11°44'10	26°46	24°51	2°16	5° 0	10°20	17°31	26°47	1°13	5° 8	27°20	28°15	16°43	n.a.	T 14
W15	2 51 45	12°45'27	8♉40	26°18	3°31	5°46	10°18	17°27	26°45	1°11	5° 9	27°19	28°12	16°50	n.a.	W15
T 16	2 55 42	13°46'43	20°38	27°46	4°46	6°32	10°17	17°24	26°44	1° 9	5°11	27°18	28° 9	16°57	n.a.	T 16
F 17	2 59 38	14°48'00	2♊43	29°15	6° 1	7°18	10°15	17°20	26°42	1° 8	5°12	27°D18	28° 6	17° 3	n.a.	F 17
S 18	3 3 35	15°49'17	14°57	0♏44	7°15	8° 3	10°13	17°16	26°40	1° 6	5°13	27°18	28° 2	17°10	n.a.	S 18
S 19	3 7 31	16°50'35	27°21	2°13	8°30	8°49	10°10	17°12	26°39	1° 4	5°14	27°19	27°59	17°17	n.a.	S 19
M20	3 11 28	17°51'53	9♋58	3°43	9°45	9°35	10° 8	17° 8	26°37	1° 3	5°15	27°20	27°56	17°23	n.a.	M20
T 21	3 15 24	18°53'10	22°49	5°13	11° 0	10°21	10° 5	17° 5	26°35	1° 1	5°16	27°21	27°53	17°30	n.a.	T 21
W22	3 19 21	19°54'29	5♌58	6°44	12°15	11° 7	10° 3	17° 0	26°33	0°59	5°17	27°22	27°50	17°37	n.a.	W22
T 23	3 23 18	20°55'47	19°27	8°15	13°30	11°53	10° 0	16°56	26°31	0°58	5°18	27°R22	27°46	17°43	n.a.	T 23
F 24	3 27 14	21°57'05	3♍16	9°46	14°44	12°38	9°56	16°52	26°29	0°56	5°19	27°22	27°43	17°50	n.a.	F 24
S 25	3 31 11	22°58'24	17°26	11°18	15°59	13°24	9°53	16°48	26°27	0°55	5°20	27°22	27°40	17°57	n.a.	S 25
S 26	3 35 7	23°59'42	1♎56	12°50	17°14	14°10	9°49	16°44	26°25	0°53	5°21	27°21	27°37	18° 3	n.a.	S 26
M27	3 39 4	25° 1'01	16°42	14°22	18°29	14°56	9°46	16°39	26°23	0°52	5°21	27°21	27°34	18°10	n.a.	M27
T 28	3 43 0	26° 2'19	1♏37	15°55	19°43	15°42	9°42	16°35	26°21	0°50	5°22	27°21	27°31	18°17	n.a.	T 28
W29	3 46 57	27° 3'38	16°34	17°28	20°58	16°27	9°37	16°30	26°19	0°49	5°23	27°D21	27°27	18°23	n.a.	W29
T 30	3 50 54	28♏ 4'56	1♐26	19♏ 2	22♐13	17♑13	9♋33	16♊26	26♊16	0♉47	5♍24	27°R21	27♉24	18♈30	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s 6	13s 1	1n42	0s56	2n23	17s27	0s34	25s19	1s34	24n 2	0n37	22n44	0s34	24n10	0n22	10n25	1s56	25n31	16n56	19n56	20n16	2n50		n.a.
T 2	11 29	18 39	0 21	1 27	2 18	17 52	0 37	25 20	1 33	24 2	0 37	22 44	0 34	24 10	0 22	10 24	1 56	25 31	16 56	19 56	20 15	2 53		n.a.
F 3	11 50	23 1	0s59	1 59	2 14	18 15	0 39	25 21	1 33	24 3	0 37	22 44	0 34	24 10	0 22	10 23	1 56	25 31	16 56	19 56	20 14	2 57		n.a.
S 4	12 12	25 50	2 13	2 32	2 9	18 38	0 42	25 21	1 32	24 3	0 37	22 44	0 34	24 10	0 22	10 23	1 56	25 30	16 57	19 56	20 13	3 0		n.a.
S 5	12 34	26 58	3 17	3 7	2 3	19 1	0 44	25 22	1 32	24 3	0 38	22 43	0 34	24 10	0 22	10 22	1 56	25 30	16 57	19 57	20 13	3 3		n.a.
M 6	12 55	26 29	4 8	3 43	1 57	19 23	0 46	25 22	1 32	24 3	0 38	22 43	0 34	24 10	0 22	10 22	1 56	25 30	16 58	19 57	20 12	3 6		n.a.
T 7	13 16	24 35	4 45	4 20	1 51	19 45	0 49	25 22	1 31	24 3	0 38	22 43	0 34	24 10	0 22	10 21	1 56	25 30	16 58	19 57	20 11	3 9		n.a.
W 8	13 37	21 30	5 8	4 57	1 45	20 6	0 51	25 21	1 31	24 4	0 38	22 43	0 34	24 10	0 22	10 21	1 56	25 30	16 59	19 57	20 11	3 13		n.a.
T 9	13 57	17 33	5 15	5 35	1 38	20 27	0 53	25 20	1 30	24 4	0 38	22 43	0 34	24 10	0 22	10 20	1 56	25 30	16 59	19 57	20 10	3 16		n.a.
F 10	14 18	12 57	5 8	6 13	1 31	20 46	0 55	25 19	1 30	24 4	0 39	22 42	0 34	24 10	0 22	10 19	1 56	25 30	17 0	19 56	20 9	3 19		n.a.
S 11	14 38	7 56	4 49	6 51	1 25	21 6	0 57	25 18	1 29	24 5	0 39	22 42	0 34	24 10	0 22	10 19	1 56	25 30	17 0	19 56	20 8	3 22		n.a.
S 12	14 58	2 39	4 16	7 30	1 18	21 25	1 0	25 16	1 29	24 5	0 39	22 42	0 34	24 10	0 22	10 18	1 56	25 30	17 1	19 55	20 8	3 25		n.a.
M13	15 17	2n42	3 33	8 9	1 11	21 43	1 2	25 15	1 28	24 5	0 39	22 42	0 34	24 10	0 22	10 18	1 56	25 30	17 2	19 54	20 7	3 29		n.a.
T 14	15 37	8 0	2 41	8 48	1 3	22 0	1 4	25 12	1 28	24 6	0 40	22 41	0 33	24 10	0 22	10 17	1 56	25 30	17 2	19 54	20 6	3 32		n.a.
W15	15 56	13 2	1 41	9 27	0 56	22 17	1 6	25 10	1 27	24 6	0 40	22 41	0 33	24 10	0 22	10 16	1 56	25 30	17 3	19 53	20 6	3 35		n.a.
T 16	16 14	17 37	0 37	10 6	0 49	22 33	1 8	25 7	1 27	24 6	0 40	22 41	0 33	24 10	0 22	10 16	1 56	25 30	17 3	19 53	20 5	3 38		n.a.
F 17	16 33	21 33	0n30	10 44	0 42	22 49	1 10	25 4	1 26	24 7	0 40	22 41	0 33	24 10	0 22	10 15	1 56	25 30	17 4	19 53	20 4	3 41		n.a.
S 18	16 51	24 34	1 36	11 23	0 35	23 4	1 12	25 1	1 26	24 7	0 41	22 40	0 33	24 10	0 22	10 15	1 56	25 30	17 4	19 53	20 3	3 45		n.a.
S 19	17 9	26 28	2 39	12 1	0 28	23 18	1 13	24 57	1 25	24 7	0 41	22 40	0 33	24 10	0 22	10 14	1 56	25 30	17 5	19 54	20 3	3 48		n.a.
M20	17 27	27 2	3 35	12 39	0 20	23 32	1 15	24 54	1 24	24 8	0 41	22 40	0 33	24 10	0 22	10 14	1 56	25 30	17 5	19 54	20 2	3 51		n.a.
T 21	17 44	26 10	4 22	13 16	0 13	23 44	1 17	24 50	1 24	24 8	0 41	22 39	0 33	24 10	0 22	10 13	1 56	25 30	17 6	19 54	20 1	3 54		n.a.
W22	18 1	23 52	4 56	13 53	0 6	23 56	1 19	24 45	1 23	24 9	0 42	22 39	0 33	24 10	0 22	10 13	1 56	25 30	17 6	19 54	20 1	3 57		n.a.
T 23	18 17	20 12	5 15	14 30	0s 1	24 8	1 20	24 41	1 23	24 9	0 42	22 39	0 33	24 10	0 22	10 12	1 56	25 30	17 7	19 54	20 0	4 1		n.a.
F 24	18 34	15 22	5 16	15 6	0 7	24 19	1 22	24 36	1 22	24 10	0 42	22 38	0 33	24 10	0 22	10 12	1 56	25 31	17 8	19 54	19 59	4 4		n.a.
S 25	18 50	9 36	4 58	15 42	0 14	24 28	1 23	24 31	1 22	24 10	0 42	22 38	0 33	24 10	0 22	10 11	1 56	25 31	17 8	19 54	19 58	4 7		n.a.
S 26	19 5	3 12	4 22	16 17	0 21	24 38	1 25	24 25	1 21	24 11	0 43	22 38	0 33	24 10	0 22	10 11	1 55	25 31	17 9	19 54	19 58	4 10		n.a.
M27	19 20	3s29	3 27	16 51	0 27	24 46	1 26	24 19	1 21	24 11	0 43	22 37	0 32	24 10	0 23	10 10	1 55	25 31	17 9	19 54	19 57	4 13		n.a.
T 28	19 35	10 5	2 18	17 25	0 34	24 54	1 28	24 14	1 20	24 12	0 43	22 37	0 32	24 10	0 23	10 10	1 55	25 31	17 10	19 54	19 56	4 17		n.a.
W29	19 50	16 7	1 0	17 58	0 40	25 1	1 29	24 7	1 19	24 12	0 43	22 37	0 32	24 10	0 23	10 9	1 55	25 32	17 10	19 54	19 55	4 20		n.a.
T 30	20s 4	21s10	0s23	18s31	0s46	25s 7	1s30	24s 1	1s19	24n13	0n44	22n36	0s32	24n10	0n23	10n 9	1s55	25n32	17n11	19n54	19n55	4n23		n.a.

Julian Day Number = 1269913.5, Delta T = 08h18m09s
Ecliptic obliquity = 23°50'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'12, Lahiri = -21°01'12 Julian Calendar 1 Nov. 1237 BCE == Greg. Calendar 21 Oct. 1237 BCE

The year -1236 astronomical counting style corresponds to year 1237 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1237 BCE
geocentric

DECEMBER 1237 BCE (-1236) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 54 50	29♏ 6'14	16♐ 3	20♏36	23♐27	17♑59	9°R29	16°R21	26°R14	0°R46	5♍24	27°R21	27♉21	18♈37	n.a.	F 1
S 2	3 58 47	0♐ 7'31	0♑20	22°11	24°42	18°44	9♋24	16♊17	26♊12	0♉44	5°25	27♉20	27°18	18°43	n.a.	S 2
S 3	4 2 43	1° 8'47	14°13	23°45	25°57	19°30	9°19	16°12	26°10	0°43	5°26	27°20	27°15	18°50	n.a.	S 3
M 4	4 6 40	2°10'03	27°40	25°21	27°11	20°16	9°14	16° 7	26° 7	0°41	5°26	27°20	27°12	18°57	n.a.	M 4
T 5	4 10 36	3°11'18	10♒42	26°56	28°26	21° 1	9° 9	16° 3	26° 5	0°40	5°27	27°19	27° 8	19° 4	n.a.	T 5
W 6	4 14 33	4°12'32	23°21	28°33	29°40	21°47	9° 4	15°58	26° 3	0°39	5°27	27°18	27° 5	19°10	n.a.	W 6
T 7	4 18 29	5°13'45	5♓41	0♐ 9	0♑55	22°33	8°58	15°53	26° 0	0°37	5°28	27°D18	27° 2	19°17	n.a.	T 7
F 8	4 22 26	6°14'58	17°46	1°47	2° 9	23°18	8°53	15°48	25°58	0°36	5°28	27°19	26°59	19°24	n.a.	F 8
S 9	4 26 23	7°16'09	29°41	3°24	3°24	24° 4	8°47	15°43	25°55	0°35	5°28	27°19	26°56	19°30	n.a.	S 9
S 10	4 30 19	8°17'19	11♈31	5° 2	4°38	24°49	8°41	15°38	25°53	0°33	5°29	27°20	26°52	19°37	n.a.	S 10
M11	4 34 16	9°18'28	23°20	6°41	5°52	25°35	8°35	15°34	25°50	0°32	5°29	27°21	26°49	19°44	n.a.	M11
T 12	4 38 12	10°19'36	5♉12	8°21	7° 7	26°20	8°29	15°29	25°48	0°31	5°29	27°23	26°46	19°50	n.a.	T 12
W13	4 42 9	11°20'43	17°10	10° 0	8°21	27° 6	8°23	15°24	25°46	0°30	5°30	27°24	26°43	19°57	n.a.	W13
T 14	4 46 5	12°21'49	29°17	11°41	9°35	27°51	8°16	15°19	25°43	0°28	5°30	27°R24	26°40	20° 4	n.a.	T 14
F 15	4 50 2	13°22'54	11♊35	13°22	10°50	28°36	8°10	15°14	25°40	0°27	5°30	27°23	26°37	20°10	n.a.	F 15
S 16	4 53 59	14°23'58	24° 6	15° 4	12° 4	29°22	8° 3	15° 9	25°38	0°26	5°30	27°22	26°33	20°17	n.a.	S 16
S 17	4 57 55	15°25'01	6♋50	16°46	13°18	0♒ 7	7°56	15° 4	25°35	0°25	5°30	27°20	26°30	20°24	n.a.	S 17
M18	5 1 52	16°26'04	19°47	18°29	14°32	0°52	7°49	14°59	25°33	0°24	5°30	27°17	26°27	20°30	n.a.	M18
T 19	5 5 48	17°27'05	2♌57	20°12	15°46	1°38	7°43	14°54	25°30	0°23	5°R30	27°14	26°24	20°37	n.a.	T 19
W20	5 9 45	18°28'05	16°21	21°56	17° 0	2°23	7°35	14°49	25°28	0°22	5°30	27°11	26°21	20°44	n.a.	W20
T 21	5 13 41	19°29'04	29°57	23°41	18°14	3° 8	7°28	14°44	25°25	0°21	5°30	27° 9	26°18	20°50	n.a.	T 21
F 22	5 17 38	20°30'03	13♍47	25°26	19°28	3°53	7°21	14°39	25°22	0°20	5°30	27° 7	26°14	20°57	n.a.	F 22
S 23	5 21 34	21°31'00	27°48	27°12	20°42	4°38	7°14	14°35	25°20	0°19	5°30	27°D 7	26°11	21° 4	n.a.	S 23
S 24	5 25 31	22°31'57	12♎ 0	28°58	21°56	5°23	7° 6	14°30	25°17	0°18	5°30	27° 8	26° 8	21°10	n.a.	S 24
M25	5 29 28	23°32'52	26°21	0♑44	23°10	6° 8	6°59	14°25	25°15	0°17	5°30	27°10	26° 5	21°17	n.a.	M25
T 26	5 33 24	24°33'47	10♏48	2°31	24°24	6°53	6°51	14°20	25°12	0°16	5°30	27°11	26° 2	21°24	n.a.	T 26
W27	5 37 21	25°34'40	25°18	4°18	25°38	7°38	6°43	14°15	25° 9	0°15	5°29	27°R12	25°58	21°30	n.a.	W27
T 28	5 41 17	26°35'32	9♐46	6° 5	26°51	8°23	6°36	14°10	25° 7	0°15	5°29	27°11	25°55	21°37	n.a.	T 28
F 29	5 45 14	27°36'23	24° 5	7°52	28° 5	9° 8	6°28	14° 6	25° 4	0°14	5°29	27° 9	25°52	21°44	n.a.	F 29
S 30	5 49 10	28°37'13	8♑11	9°39	29°19	9°53	6°20	14° 1	25° 1	0°13	5°28	27° 6	25°49	21°50	n.a.	S 30
S 31	5 53 7	29♐38'00	21♑59	11♑25	0♒32	10♒38	6♋12	13♊56	24♊59	0♉12	5♍28	27♉ 1	25♉46	21♈57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s18	24s47	1s42	19s 2	0s52	25s12	1s32	23s54	1s18	24n13	0n44	22n36	0s32	24n10	0n23	10n 8	1s55	25n32	17n12	19n54	19n54	4n26		n.a.
S 2	20 31	26 44	2 53	19 33	0 58	25 17	1 33	23 47	1 18	24 14	0 44	22 35	0 32	24 10	0 23	10 8	1 55	25 32	17 12	19 54	19 53	4 29		n.a.
S 3	20 44	26 55	3 52	20 3	1 4	25 21	1 34	23 40	1 17	24 15	0 44	22 35	0 32	24 10	0 23	10 7	1 55	25 33	17 13	19 54	19 52	4 33		n.a.
M 4	20 57	25 29	4 36	20 32	1 9	25 24	1 35	23 33	1 16	24 15	0 44	22 35	0 32	24 10	0 23	10 7	1 55	25 33	17 13	19 54	19 52	4 36		n.a.
T 5	21 9	22 43	5 4	21 0	1 14	25 26	1 36	23 25	1 16	24 16	0 45	22 34	0 32	24 10	0 23	10 6	1 55	25 33	17 14	19 53	19 51	4 39		n.a.
W 6	21 21	18 56	5 17	21 28	1 19	25 27	1 37	23 17	1 15	24 16	0 45	22 34	0 32	24 10	0 23	10 6	1 55	25 34	17 15	19 53	19 50	4 42		n.a.
T 7	21 32	14 26	5 14	21 54	1 24	25 28	1 38	23 9	1 15	24 17	0 45	22 33	0 32	24 10	0 23	10 5	1 55	25 34	17 15	19 53	19 49	4 45		n.a.
F 8	21 43	9 28	4 58	22 19	1 29	25 28	1 38	23 0	1 14	24 18	0 45	22 33	0 31	24 9	0 23	10 5	1 55	25 35	17 16	19 53	19 49	4 49		n.a.
S 9	21 53	4 13	4 28	22 43	1 33	25 27	1 39	22 52	1 13	24 18	0 46	22 33	0 31	24 9	0 23	10 4	1 55	25 35	17 16	19 53	19 48	4 52		n.a.
S 10	22 3	1n 8	3 48	23 5	1 37	25 25	1 40	22 43	1 13	24 19	0 46	22 32	0 31	24 9	0 23	10 4	1 55	25 35	17 17	19 54	19 47	4 55		n.a.
M11	22 13	6 28	2 58	23 27	1 41	25 23	1 40	22 34	1 12	24 19	0 46	22 32	0 31	24 9	0 23	10 4	1 55	25 36	17 18	19 54	19 46	4 58		n.a.
T 12	22 22	11 35	2 0	23 47	1 45	25 19	1 41	22 24	1 11	24 20	0 46	22 31	0 31	24 9	0 23	10 3	1 55	25 36	17 18	19 54	19 46	5 1		n.a.
W13	22 31	16 21	0 56	24 6	1 48	25 15	1 41	22 15	1 11	24 21	0 46	22 31	0 31	24 9	0 23	10 3	1 55	25 37	17 19	19 54	19 45	5 5		n.a.
T 14	22 39	20 30	0n10	24 24	1 51	25 11	1 41	22 5	1 10	24 21	0 47	22 30	0 31	24 9	0 23	10 3	1 55	25 37	17 19	19 55	19 44	5 8		n.a.
F 15	22 47	23 50	1 18	24 40	1 53	25 5	1 42	21 55	1 10	24 22	0 47	22 30	0 31	24 9	0 23	10 2	1 55	25 38	17 20	19 54	19 43	5 11		n.a.
S 16	22 55	26 5	2 22	24 54	1 56	24 59	1 42	21 45	1 9	24 23	0 47	22 30	0 31	24 9	0 23	10 2	1 55	25 38	17 21	19 54	19 43	5 14		n.a.
S 17	23 2	27 0	3 21	25 7	1 57	24 51	1 42	21 35	1 8	24 23	0 47	22 29	0 31	24 9	0 23	10 1	1 55	25 39	17 21	19 54	19 42	5 17		n.a.
M18	23 8	26 29	4 10	25 18	1 59	24 43	1 42	21 24	1 8	24 24	0 47	22 29	0 30	24 9	0 23	10 1	1 55	25 39	17 22	19 53	19 41	5 21		n.a.
T 19	23 14	24 29	4 47	25 28	2 0	24 35	1 42	21 13	1 7	24 24	0 48	22 28	0 30	24 9	0 23	10 1	1 54	25 40	17 22	19 52	19 40	5 24		n.a.
W20	23 20	21 6	5 9	25 36	2 1	24 25	1 42	21 2	1 6	24 25	0 48	22 28	0 30	24 9	0 23	10 1	1 54	25 40	17 23	19 52	19 40	5 27		n.a.
T 21	23 25	16 34	5 14	25 42	2 1	24 15	1 42	20 51	1 6	24 26	0 48	22 27	0 30	24 9	0 23	10 0	1 54	25 41	17 23	19 51	19 39	5 30		n.a.
F 22	23 30	11 7	5 2	25 46	2 1	24 4	1 41	20 39	1 5	24 26	0 48	22 27	0 30	24 9	0 23	10 0	1 54	25 41	17 24	19 51	19 38	5 33		n.a.
S 23	23 34	5 1	4 31	25 48	2 0	23 53	1 41	20 28	1 4	24 27	0 48	22 26	0 30	24 8	0 23	10 0	1 54	25 42	17 25	19 51	19 37	5 37		n.a.
S 24	23 38	1s24	3 43	25 49	1 58	23 41	1 41	20 16	1 4	24 27	0 49	22 26	0 30	24 8	0 23	9 59	1 54	25 42	17 25	19 51	19 37	5 40		n.a.
M25	23 41	7 50	2 42	25 47	1 57	23 28	1 40	20 4	1 3	24 28	0 49	22 26	0 30	24 8	0 23	9 59	1 54	25 43	17 26	19 51	19 36	5 43		n.a.
T 26	23 44	13 55	1 29	25 43	1 54	23 14	1 40	19 52	1 2	24 29	0 49	22 25	0 29	24 8	0 23	9 59	1 54	25 44	17 26	19 52	19 35	5 46		n.a.
W27	23 46	19 15	0 10	25 37	1 51	23 0	1 39	19 40	1 2	24 29	0 49	22 25	0 29	24 8	0 23	9 59	1 54	25 44	17 27	19 52	19 34	5 49		n.a.
T 28	23 48	23 25	1s 8	25 29	1 48	22 45	1 38	19 27	1 1	24 30	0 49	22 24	0 29	24 8	0 23	9 58	1 54	25 45	17 27	19 52	19 34	5 53		n.a.
F 29	23 49	26 4	2 22	25 19	1 43	22 29	1 37	19 14	1 0	24 30	0 49	22 24	0 29	24 8	0 23	9 58	1 54	25 46	17 28	19 51	19 33	5 56		n.a.
S 30	23 50	27 0	3 26	25 7	1 38	22 12	1 36	19 1	1 0	24 31	0 50	22 23	0 29	24 8	0 23	9 58	1 54	25 46	17 29	19 50	19 32	5 59		n.a.
S 31	23s51	26s13	4s16	24s53	1s32	21s56	1s35	18s48	0s59	24n31	0n50	22n23	0s29	24n 8	0n23	9n58	1s54	25n47	17n29	19n49	19n31	6n 2		n.a.

Julian Day Number = 1269943.5, Delta T = 08h18m07s
Ecliptic obliquity = 23°50'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'08, Lahiri = -21°01'08 Julian Calendar 1 Dec. 1237 BCE == Greg. Calendar 20 Nov. 1237 BCE

The year -1236 astronomical counting style corresponds to year 1237 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1236 BCE
geocentric

JANUARY 1236 BCE (-1235) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 57 4	0♉38'47	5♒26	13♉11	1♒46	11♒23	6°R 5	13°R52	24°R56	0°R12	5°R28	26°R55	25♋43	22♈ 4	n.a.	M 1
T 2	6 1 0	1°39'31	18°30	14°56	3° 0	12° 8	5♋57	13♊47	24♊54	0♋11	5♍27	26♋49	25°39	22°10	n.a.	T 2
W 3	6 4 57	2°40'14	1♓13	16°39	4°13	12°53	5°49	13°43	24°51	0°11	5°27	26°44	25°36	22°17	n.a.	W 3
T 4	6 8 53	3°40'54	13°36	18°21	5°26	13°37	5°41	13°38	24°48	0°10	5°26	26°40	25°33	22°24	n.a.	T 4
F 5	6 12 50	4°41'33	25°44	20° 0	6°40	14°22	5°33	13°34	24°46	0° 9	5°25	26°38	25°30	22°30	n.a.	F 5
S 6	6 16 46	5°42'10	7♈40	21°37	7°53	15° 7	5°25	13°29	24°43	0° 9	5°25	26°D38	25°27	22°37	n.a.	S 6
S 7	6 20 43	6°42'45	19°30	23°11	9° 6	15°51	5°17	13°25	24°41	0° 8	5°24	26°39	25°24	22°44	n.a.	S 7
M 8	6 24 39	7°43'18	1♉19	24°41	10°19	16°36	5° 9	13°21	24°38	0° 8	5°24	26°40	25°20	22°50	n.a.	M 8
T 9	6 28 36	8°43'49	13°12	26° 6	11°33	17°20	5° 1	13°16	24°36	0° 8	5°23	26°42	25°17	22°57	n.a.	T 9
W10	6 32 33	9°44'18	25°14	27°27	12°46	18° 5	4°53	13°12	24°33	0° 7	5°22	26°R43	25°14	23° 4	n.a.	W10
T 11	6 36 29	10°44'45	7♊28	28°42	13°59	18°49	4°45	13° 8	24°31	0° 7	5°21	26°42	25°11	23°10	n.a.	T 11
F 12	6 40 26	11°45'11	19°58	29°50	15°12	19°34	4°37	13° 4	24°28	0° 7	5°21	26°39	25° 8	23°17	n.a.	F 12
S 13	6 44 22	12°45'34	2♋46	0♒52	16°24	20°18	4°30	13° 0	24°26	0° 6	5°20	26°35	25° 4	23°24	n.a.	S 13
S 14	6 48 19	13°45'56	15°51	1°46	17°37	21° 2	4°22	12°56	24°23	0° 6	5°19	26°28	25° 1	23°30	n.a.	S 14
M15	6 52 15	14°46'15	29°13	2°31	18°50	21°47	4°14	12°52	24°21	0° 6	5°18	26°20	24°58	23°37	n.a.	M15
T 16	6 56 12	15°46'33	12♌50	3° 8	20° 3	22°31	4° 7	12°49	24°18	0° 6	5°17	26°11	24°55	23°44	n.a.	T 16
W17	7 0 8	16°46'49	26°39	3°36	21°15	23°15	3°59	12°45	24°16	0° 5	5°16	26° 3	24°52	23°50	n.a.	W17
T 18	7 4 5	17°47'03	10♍36	3°54	22°28	23°59	3°51	12°41	24°14	0° 5	5°15	25°56	24°49	23°57	n.a.	T 18
F 19	7 8 2	18°47'15	24°39	4°R 2	23°40	24°43	3°44	12°38	24°11	0° 5	5°14	25°51	24°45	24° 4	n.a.	F 19
S 20	7 11 58	19°47'26	8♎45	4° 1	24°52	25°27	3°36	12°35	24° 9	0° 5	5°13	25°49	24°42	24°10	n.a.	S 20
S 21	7 15 55	20°47'35	22°52	3°50	26° 5	26°11	3°29	12°31	24° 7	0°D 5	5°12	25°D48	24°39	24°17	n.a.	S 21
M22	7 19 51	21°47'42	6♏59	3°30	27°17	26°55	3°22	12°28	24° 5	0° 5	5°11	25°49	24°36	24°24	n.a.	M22
T 23	7 23 48	22°47'48	21° 5	3° 1	28°29	27°39	3°15	12°25	24° 2	0° 5	5°10	25°R50	24°33	24°30	n.a.	T 23
W24	7 27 44	23°47'52	5♐ 9	2°25	29°41	28°23	3° 8	12°22	24° 0	0° 5	5° 9	25°49	24°30	24°37	n.a.	W24
T 25	7 31 41	24°47'54	19° 8	1°41	0♓53	29° 7	3° 1	12°19	23°58	0° 5	5° 8	25°47	24°26	24°44	n.a.	T 25
F 26	7 35 37	25°47'55	3♉ 1	0°51	2° 5	29°51	2°54	12°16	23°56	0° 6	5° 7	25°42	24°23	24°50	n.a.	F 26
S 27	7 39 34	26°47'53	16°43	29♉57	3°17	0♓35	2°47	12°13	23°54	0° 6	5° 5	25°34	24°20	24°57	n.a.	S 27
S 28	7 43 31	27°47'49	0♒13	29° 0	4°28	1°18	2°41	12°10	23°52	0° 6	5° 4	25°25	24°17	25° 4	n.a.	S 28
M29	7 47 27	28°47'44	13°27	28° 0	5°40	2° 2	2°34	12° 8	23°50	0° 6	5° 3	25°13	24°14	25°10	n.a.	M29
T 30	7 51 24	29°47'36	26°24	27° 0	6°52	2°46	2°28	12° 5	23°48	0° 7	5° 2	25° 2	24°10	25°17	n.a.	T 30
W31	7 55 20	0♒47'25	9♓ 3	26♉ 1	8♓ 3	3♓29	2♋21	12♊ 3	23♊46	0♋ 7	5♍ 0	24♋51	24♋ 7	25♈24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s50	23s55	4s50	24s36	1s26	21s38	1s34	18s35	0s58	24n32	0n50	22n22	0s29	24n 8	0n23	9n58	1s54	25n48	17n30	19n48	19n31	6n 5		n.a.
T 2	23 50	20 24	5 8	24 18	1 19	21 20	1 33	18 22	0 58	24 32	0 50	22 22	0 29	24 8	0 23	9 57	1 54	25 48	17 30	19 46	19 30	6 8		n.a.
W 3	23 49	16 3	5 11	23 57	1 11	21 1	1 32	18 8	0 57	24 33	0 50	22 22	0 28	24 7	0 23	9 57	1 54	25 49	17 31	19 45	19 29	6 12		n.a.
T 4	23 47	11 7	4 58	23 35	1 2	20 42	1 31	17 55	0 56	24 33	0 50	22 21	0 28	24 7	0 23	9 57	1 53	25 50	17 31	19 44	19 28	6 15		n.a.
F 5	23 45	5 53	4 33	23 11	0 52	20 22	1 29	17 41	0 55	24 34	0 50	22 21	0 28	24 7	0 23	9 57	1 53	25 50	17 32	19 44	19 28	6 18		n.a.
S 6	23 43	0 30	3 55	22 45	0 41	20 1	1 28	17 27	0 55	24 34	0 51	22 20	0 28	24 7	0 23	9 57	1 53	25 51	17 32	19 44	19 27	6 21		n.a.
S 7	23 40	4n51	3 8	22 18	0 30	19 40	1 26	17 13	0 54	24 35	0 51	22 20	0 28	24 7	0 23	9 57	1 53	25 52	17 33	19 44	19 26	6 24		n.a.
M 8	23 37	10 3	2 14	21 51	0 18	19 18	1 25	16 58	0 53	24 35	0 51	22 19	0 28	24 7	0 23	9 57	1 53	25 52	17 34	19 44	19 25	6 28		n.a.
T 9	23 33	14 55	1 13	21 22	0 5	18 56	1 23	16 44	0 53	24 36	0 51	22 19	0 28	24 7	0 23	9 57	1 53	25 53	17 34	19 45	19 24	6 31		n.a.
W10	23 29	19 16	0 8	20 53	0n 9	18 34	1 21	16 29	0 52	24 36	0 51	22 19	0 28	24 7	0 23	9 57	1 53	25 54	17 35	19 45	19 24	6 34		n.a.
T 11	23 24	22 53	0n58	20 23	0 23	18 11	1 19	16 15	0 51	24 37	0 51	22 18	0 27	24 7	0 23	9 56	1 53	25 55	17 35	19 45	19 23	6 37		n.a.
F 12	23 19	25 30	2 3	19 54	0 38	17 47	1 18	16 0	0 51	24 37	0 51	22 18	0 27	24 7	0 23	9 56	1 53	25 56	17 36	19 44	19 22	6 40		n.a.
S 13	23 13	26 51	3 2	19 26	0 54	17 23	1 16	15 45	0 50	24 37	0 51	22 18	0 27	24 6	0 23	9 56	1 53	25 56	17 36	19 43	19 21	6 44		n.a.
S 14	23 7	26 45	3 54	18 59	1 9	16 58	1 13	15 30	0 49	24 38	0 52	22 17	0 27	24 6	0 23	9 56	1 53	25 57	17 37	19 41	19 21	6 47		n.a.
M15	23 0	25 7	4 33	18 32	1 26	16 34	1 11	15 15	0 49	24 38	0 52	22 17	0 27	24 6	0 23	9 56	1 53	25 58	17 37	19 40	19 20	6 50		n.a.
T 16	22 54	22 0	4 58	18 8	1 42	16 8	1 9	15 0	0 48	24 38	0 52	22 16	0 27	24 6	0 23	9 56	1 53	25 59	17 38	19 37	19 19	6 53		n.a.
W17	22 46	17 38	5 7	17 46	1 58	15 42	1 7	14 44	0 47	24 39	0 52	22 16	0 27	24 6	0 23	9 56	1 53	25 59	17 38	19 35	19 18	6 56		n.a.
T 18	22 38	12 17	4 57	17 26	2 14	15 16	1 4	14 29	0 47	24 39	0 52	22 16	0 26	24 6	0 23	9 56	1 53	26 0	17 38	19 34	19 17	6 59		n.a.
F 19	22 30	6 16	4 29	17 9	2 29	14 50	1 2	14 13	0 46	24 39	0 52	22 16	0 26	24 6	0 23	9 56	1 52	26 1	17 39	19 33	19 17	7 3		n.a.
S 20	22 21	0s 5	3 45	16 55	2 44	14 23	1 0	13 57	0 45	24 40	0 52	22 15	0 26	24 6	0 23	9 56	1 52	26 2	17 39	19 32	19 16	7 6		n.a.
S 21	22 12	6 27	2 47	16 44	2 58	13 56	0 57	13 42	0 44	24 40	0 52	22 15	0 26	24 6	0 23	9 57	1 52	26 3	17 40	19 32	19 15	7 9		n.a.
M22	22 3	12 31	1 39	16 36	3 11	13 28	0 54	13 26	0 44	24 40	0 52	22 15	0 26	24 6	0 23	9 57	1 52	26 3	17 40	19 32	19 14	7 12		n.a.
T 23	21 53	17 55	0 25	16 31	3 23	13 0	0 52	13 10	0 43	24 40	0 52	22 14	0 26	24 5	0 23	9 57	1 52	26 4	17 41	19 32	19 13	7 15		n.a.
W24	21 42	22 20	0s50	16 30	3 33	12 32	0 49	12 54	0 42	24 41	0 52	22 14	0 26	24 5	0 23	9 57	1 52	26 5	17 41	19 32	19 13	7 19		n.a.
T 25	21 32	25 24	2 1	16 32	3 41	12 4	0 46	12 37	0 42	24 41	0 52	22 14	0 25	24 5	0 23	9 57	1 52	26 6	17 42	19 32	19 12	7 22		n.a.
F 26	21 21	26 53	3 5	16 36	3 47	11 35	0 43	12 21	0 41	24 41	0 53	22 14	0 25	24 5	0 23	9 57	1 52	26 7	17 42	19 30	19 11	7 25		n.a.
S 27	21 9	26 42	3 57	16 44	3 52	11 6	0 40	12 5	0 40	24 41	0 53	22 13	0 25	24 5	0 23	9 57	1 52	26 8	17 42	19 29	19 10	7 28		n.a.
S 28	20 57	24 55	4 35	16 53	3 54	10 36	0 37	11 48	0 40	24 42	0 53	22 13	0 25	24 5	0 23	9 57	1 52	26 8	17 43	19 26	19 10	7 31		n.a.
M29	20 45	21 47	4 57	17 5	3 54	10 7	0 34	11 32	0 39	24 42	0 53	22 13	0 25	24 5	0 23	9 57	1 52	26 9	17 43	19 23	19 9	7 34		n.a.
T 30	20 32	17 39	5 3	17 19	3 52	9 37	0 31	11 15	0 38	24 42	0 53	22 13	0 25	24 5	0 23	9 58	1 52	26 10	17 43	19 21	19 8	7 38		n.a.
W31	20s19	12s50	4s54	17s34	3n48	9s 7	0s28	10s59	0s38	24n42	0n53	22n13	0s25	24n 5	0n23	9n58	1s52	26n11	17n44	19n18	19n 7	7n41		n.a.

Julian Day Number = 1269974.5, Delta T = 08h18m06s
Ecliptic obliquity = 23°50'34, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'04, Lahiri = -21°01'04 Julian Calendar 1 Jan. 1236 BCE == Greg. Calendar 21 Dec. 1237 BCE

The year -1235 astronomical counting style corresponds to year 1236 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1236 BCE
geocentric

FEBRUARY 1236 BCE (-1235) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 59 17	1♒47'13	21♓24	25°R 4	9♓14	4♓13	2°R15	12°R 0	23°R44	0♉ 7	4°R59	24°R42	24♉ 4	25♈30	n.a.	T 1
F 2	8 3 13	2°46'57	3♈32	24♊10	10°26	4°56	2♋ 9	11♊58	23♊42	0° 8	4♍58	24♉36	24° 1	25°37	n.a.	F 2
S 3	8 7 10	3°46'40	15°28	23°20	11°37	5°40	2° 3	11°56	23°40	0° 8	4°56	24°32	23°58	25°44	n.a.	S 3
S 4	8 11 6	4°46'20	27°18	22°35	12°48	6°23	1°58	11°54	23°38	0° 9	4°55	24°30	23°55	25°50	n.a.	S 4
M 5	8 15 3	5°45'58	9♉ 7	21°55	13°59	7° 7	1°52	11°52	23°37	0° 9	4°54	24°D30	23°51	25°57	n.a.	M 5
T 6	8 18 59	6°45'33	21° 0	21°21	15° 9	7°50	1°47	11°50	23°35	0°10	4°52	24°R30	23°48	26° 4	n.a.	T 6
W 7	8 22 56	7°45'06	3♊ 2	20°53	16°20	8°33	1°41	11°49	23°33	0°10	4°51	24°30	23°45	26°10	n.a.	W 7
T 8	8 26 53	8°44'37	15°20	20°32	17°31	9°16	1°36	11°47	23°32	0°11	4°49	24°28	23°42	26°17	n.a.	T 8
F 9	8 30 49	9°44'05	27°56	20°17	18°41	10° 0	1°31	11°46	23°30	0°12	4°48	24°24	23°39	26°24	n.a.	F 9
S 10	8 34 46	10°43'31	10♋54	20° 7	19°51	10°43	1°27	11°44	23°29	0°12	4°46	24°17	23°36	26°30	n.a.	S 10
S 11	8 38 42	11°42'55	24°16	20°D 4	21° 2	11°26	1°22	11°43	23°27	0°13	4°45	24° 8	23°32	26°37	n.a.	S 11
M12	8 42 39	12°42'16	7♌59	20° 7	22°12	12° 9	1°17	11°42	23°26	0°14	4°43	23°56	23°29	26°44	n.a.	M12
T 13	8 46 35	13°41'35	22° 2	20°15	23°22	12°52	1°13	11°41	23°24	0°14	4°42	23°44	23°26	26°50	n.a.	T 13
W14	8 50 32	14°40'51	6♍18	20°29	24°32	13°35	1° 9	11°40	23°23	0°15	4°40	23°33	23°23	26°57	n.a.	W14
T 15	8 54 28	15°40'06	20°43	20°48	25°41	14°18	1° 5	11°39	23°21	0°16	4°39	23°23	23°20	27° 4	n.a.	T 15
F 16	8 58 25	16°39'19	5♎10	21°12	26°51	15° 0	1° 1	11°38	23°20	0°17	4°37	23°16	23°16	27°10	n.a.	F 16
S 17	9 2 22	17°38'29	19°33	21°41	28° 0	15°43	0°58	11°38	23°19	0°18	4°36	23°11	23°13	27°17	n.a.	S 17
S 18	9 6 18	18°37'38	3♏49	22°13	29° 9	16°26	0°54	11°37	23°18	0°19	4°34	23° 9	23°10	27°24	n.a.	S 18
M19	9 10 15	19°36'45	17°57	22°50	0♈19	17° 9	0°51	11°37	23°17	0°20	4°32	23° 9	23° 7	27°30	n.a.	M19
T 20	9 14 11	20°35'50	1♐54	23°31	1°28	17°51	0°48	11°36	23°16	0°21	4°31	23° 8	23° 4	27°37	n.a.	T 20
W21	9 18 8	21°34'53	15°42	24°16	2°37	18°34	0°45	11°36	23°15	0°22	4°29	23° 7	23° 1	27°44	n.a.	W21
T 22	9 22 4	22°33'54	29°20	25° 4	3°45	19°17	0°42	11°D36	23°14	0°23	4°28	23° 4	22°57	27°50	n.a.	T 22
F 23	9 26 1	23°32'54	12♑48	25°56	4°54	19°59	0°40	11°36	23°13	0°24	4°26	22°58	22°54	27°57	n.a.	F 23
S 24	9 29 57	24°31'51	26° 6	26°50	6° 2	20°42	0°37	11°36	23°12	0°25	4°24	22°49	22°51	28° 4	n.a.	S 24
S 25	9 33 54	25°30'47	9♒13	27°48	7°10	21°24	0°35	11°36	23°11	0°26	4°23	22°38	22°48	28°10	n.a.	S 25
M26	9 37 50	26°29'40	22° 7	28°48	8°19	22° 7	0°33	11°37	23°10	0°27	4°21	22°24	22°45	28°17	n.a.	M26
T 27	9 41 47	27°28'31	4♓48	29°51	9°26	22°49	0°31	11°37	23° 9	0°28	4°19	22°11	22°41	28°24	n.a.	T 27
W28	9 45 44	28♒27'20	17♓16	0♒57	10♈34	23♓31	0♋30	11♊38	23♊ 9	0♉30	4♍18	21♉58	22♉38	28♈30	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 6	7s36	4s31	17s50	3n43	8s37	0s24	10s42	0s37	24n42	0n53	22n12	0s24	24n 5	0n23	9n58	1s52	26n12	17n44	19n16	19n 6	7n44		n.a.
F 2	19 52	2 11	3 57	18 7	3 35	8 7	0 21	10 25	0 36	24 42	0 53	22 12	0 24	24 4	0 23	9 58	1 51	26 13	17 45	19 14	19 6	7 47		n.a.
S 3	19 38	3n15	3 12	18 24	3 26	7 36	0 18	10 8	0 35	24 42	0 53	22 12	0 24	24 4	0 23	9 58	1 51	26 13	17 45	19 13	19 5	7 50		n.a.
S 4	19 24	8 31	2 19	18 42	3 16	7 5	0 14	9 51	0 35	24 43	0 53	22 12	0 24	24 4	0 23	9 59	1 51	26 14	17 45	19 13	19 4	7 54		n.a.
M 5	19 9	13 30	1 21	18 59	3 5	6 34	0 11	9 34	0 34	24 43	0 53	22 12	0 24	24 4	0 23	9 59	1 51	26 15	17 46	19 13	19 3	7 57		n.a.
T 6	18 54	18 0	0 19	19 17	2 52	6 3	0 7	9 17	0 33	24 43	0 53	22 12	0 24	24 4	0 23	9 59	1 51	26 16	17 46	19 13	19 2	8 0		n.a.
W 7	18 38	21 51	0n45	19 34	2 39	5 32	0 4	9 0	0 33	24 43	0 53	22 12	0 24	24 4	0 23	9 59	1 51	26 17	17 46	19 13	19 2	8 3		n.a.
T 8	18 23	24 49	1 48	19 50	2 26	5 1	0 0	8 43	0 32	24 43	0 53	22 12	0 23	24 4	0 23	10 0	1 51	26 18	17 46	19 12	19 1	8 6		n.a.
F 9	18 7	26 37	2 47	20 6	2 12	4 30	0n 3	8 26	0 31	24 43	0 53	22 11	0 23	24 4	0 23	10 0	1 51	26 18	17 47	19 11	19 0	8 9		n.a.
S 10	17 50	27 2	3 40	20 21	1 58	3 58	0 7	8 9	0 31	24 43	0 53	22 11	0 23	24 4	0 23	10 0	1 51	26 19	17 47	19 10	18 59	8 13		n.a.
S 11	17 34	25 54	4 21	20 36	1 44	3 27	0 11	7 51	0 30	24 43	0 53	22 11	0 23	24 4	0 23	10 1	1 51	26 20	17 47	19 7	18 58	8 16		n.a.
M12	17 17	23 13	4 49	20 49	1 30	2 55	0 15	7 34	0 29	24 43	0 53	22 11	0 23	24 4	0 23	10 1	1 51	26 21	17 47	19 4	18 58	8 19		n.a.
T 13	17 0	19 7	5 0	21 2	1 16	2 24	0 18	7 17	0 29	24 43	0 53	22 11	0 23	24 4	0 23	10 1	1 51	26 22	17 48	19 1	18 57	8 22		n.a.
W14	16 42	13 52	4 53	21 13	1 3	1 52	0 22	6 59	0 28	24 43	0 53	22 11	0 23	24 3	0 23	10 2	1 51	26 23	17 48	18 58	18 56	8 25		n.a.
T 15	16 24	7 49	4 28	21 24	0 49	1 21	0 26	6 42	0 27	24 43	0 53	22 11	0 22	24 3	0 23	10 2	1 51	26 23	17 48	18 56	18 55	8 28		n.a.
F 16	16 6	1 21	3 45	21 33	0 36	0 49	0 30	6 25	0 27	24 43	0 53	22 11	0 22	24 3	0 23	10 2	1 51	26 24	17 48	18 54	18 54	8 32		n.a.
S 17	15 48	5s12	2 48	21 41	0 23	0 17	0 34	6 7	0 26	24 43	0 53	22 12	0 22	24 3	0 23	10 3	1 50	26 25	17 49	18 53	18 53	8 35		n.a.
S 18	15 30	11 26	1 40	21 48	0 11	0n14	0 38	5 50	0 25	24 43	0 53	22 12	0 22	24 3	0 23	10 3	1 50	26 26	17 49	18 52	18 53	8 38		n.a.
M19	15 11	17 2	0 27	21 54	0s 1	0 46	0 42	5 32	0 24	24 43	0 53	22 12	0 22	24 3	0 23	10 4	1 50	26 27	17 49	18 52	18 52	8 41		n.a.
T 20	14 52	21 39	0s46	21 58	0 13	1 17	0 46	5 15	0 24	24 43	0 53	22 12	0 22	24 3	0 23	10 4	1 50	26 27	17 49	18 52	18 51	8 44		n.a.
W21	14 33	24 59	1 56	22 1	0 24	1 49	0 50	4 57	0 23	24 43	0 53	22 12	0 22	24 3	0 23	10 4	1 50	26 28	17 49	18 52	18 50	8 47		n.a.
T 22	14 13	26 49	2 59	22 3	0 35	2 20	0 54	4 39	0 22	24 43	0 53	22 12	0 21	24 3	0 23	10 5	1 50	26 29	17 49	18 51	18 49	8 50		n.a.
F 23	13 54	27 2	3 50	22 3	0 45	2 52	0 58	4 22	0 22	24 43	0 53	22 12	0 21	24 3	0 23	10 5	1 50	26 30	17 50	18 50	18 49	8 54		n.a.
S 24	13 34	25 40	4 28	22 2	0 55	3 23	1 2	4 4	0 21	24 43	0 53	22 12	0 21	24 3	0 23	10 6	1 50	26 30	17 50	18 47	18 48	8 57		n.a.
S 25	13 14	22 56	4 52	22 0	1 4	3 54	1 6	3 47	0 20	24 43	0 53	22 13	0 21	24 3	0 23	10 6	1 50	26 31	17 50	18 44	18 47	9 0		n.a.
M26	12 54	19 5	5 0	21 56	1 13	4 25	1 10	3 29	0 20	24 43	0 53	22 13	0 21	24 3	0 23	10 7	1 50	26 32	17 50	18 41	18 46	9 3		n.a.
T 27	12 33	14 26	4 53	21 51	1 21	4 56	1 14	3 11	0 19	24 43	0 53	22 13	0 21	24 3	0 23	10 7	1 50	26 33	17 50	18 37	18 45	9 6		n.a.
W28	12s13	9s16	4s32	21s44	1s29	5n27	1n18	2s54	0s18	24n43	0n53	22n13	0s21	24n 3	0n23	10n 8	1s50	26n33	17n50	18n34	18n44	9n 9		n.a.

Julian Day Number = 1270005.5, Delta T = 08h18m04s
Ecliptic obliquity = 23°50'34, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°08'00, Lahiri = -21°00'59 Julian Calendar 1 Feb. 1236 BCE == Greg. Calendar 21 Jan. 1236 BCE

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ASTRODIENST EPHEMERIS for the year 1236 BCE
geocentric

MARCH 1236 BCE (-1235) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 49 40	29♒26'06	29♓30	2♒ 5	11♈42	24♓14	0°R28	11♊39	23°R 8	0♉31	4°R16	21°R47	22♉35	28♈37	n.a.	T 1
F 2	9 53 37	0♓24'51	11♈33	3°15	12°49	24°56	0♋27	11°39	23♊ 8	0°32	4♍14	21♉39	22°32	28°44	n.a.	F 2
S 3	9 57 33	1°23'33	23°26	4°28	13°56	25°38	0°26	11°40	23° 7	0°33	4°13	21°33	22°29	28°50	n.a.	S 3
S 4	10 1 30	2°22'12	5♉15	5°43	15° 3	26°20	0°25	11°41	23° 7	0°35	4°11	21°30	22°26	28°57	n.a.	S 4
M 5	10 5 26	3°20'50	17° 3	6°59	16°10	27° 2	0°24	11°42	23° 6	0°36	4° 9	21°D29	22°22	29° 4	n.a.	M 5
T 6	10 9 23	4°19'25	28°54	8°18	17°17	27°44	0°24	11°44	23° 6	0°38	4° 8	21°R29	22°19	29°10	n.a.	T 6
W 7	10 13 19	5°17'58	10♊56	9°39	18°23	28°26	0°24	11°45	23° 6	0°39	4° 6	21°29	22°16	29°17	n.a.	W 7
T 8	10 17 16	6°16'28	23°13	11° 2	19°30	29° 8	0°D24	11°46	23° 5	0°40	4° 4	21°28	22°13	29°23	n.a.	T 8
F 9	10 21 12	7°14'57	5♋50	12°27	20°36	29°50	0°24	11°48	23° 5	0°42	4° 2	21°25	22°10	29°30	n.a.	F 9
S 10	10 25 9	8°13'23	18°51	13°53	21°41	0♈32	0°24	11°50	23° 5	0°43	4° 1	21°19	22° 7	29°37	n.a.	S 10
S 11	10 29 6	9°11'46	2♌19	15°22	22°47	1°14	0°24	11°51	23° 5	0°45	3°59	21°12	22° 3	29°43	n.a.	S 11
M12	10 33 2	10°10'08	16°14	16°52	23°52	1°56	0°25	11°53	23°D 5	0°46	3°57	21° 2	22° 0	29°50	n.a.	M12
T 13	10 36 59	11° 8'27	0♍33	18°24	24°57	2°37	0°26	11°55	23° 5	0°48	3°56	20°51	21°57	29°57	n.a.	T 13
W14	10 40 55	12° 6'44	15°10	19°58	26° 2	3°19	0°27	11°57	23° 5	0°50	3°54	20°41	21°54	0♉ 3	n.a.	W14
T 15	10 44 52	13° 5'00	29°59	21°33	27° 7	4° 1	0°28	11°59	23° 5	0°51	3°52	20°32	21°51	0°10	n.a.	T 15
F 16	10 48 48	14° 3'13	14♎50	23°10	28°11	4°42	0°29	12° 2	23° 5	0°53	3°51	20°25	21°47	0°17	n.a.	F 16
S 17	10 52 45	15° 1'25	29°37	24°49	29°15	5°24	0°31	12° 4	23° 6	0°55	3°49	20°21	21°44	0°23	n.a.	S 17
S 18	10 56 41	15°59'35	14♏12	26°30	0♉19	6° 5	0°33	12° 7	23° 6	0°56	3°48	20°D20	21°41	0°30	n.a.	S 18
M19	11 0 38	16°57'43	28°31	28°13	1°23	6°47	0°35	12° 9	23° 6	0°58	3°46	20°20	21°38	0°37	n.a.	M19
T 20	11 4 35	17°55'50	12♐34	29°57	2°26	7°28	0°37	12°12	23° 7	1° 0	3°44	20°R20	21°35	0°43	n.a.	T 20
W21	11 8 31	18°53'56	26°18	1♓43	3°29	8°10	0°39	12°15	23° 7	1° 1	3°43	20°20	21°32	0°50	n.a.	W21
T 22	11 12 28	19°52'00	9♑47	3°31	4°32	8°51	0°42	12°17	23° 8	1° 3	3°41	20°18	21°28	0°57	n.a.	T 22
F 23	11 16 24	20°50'02	23° 0	5°20	5°34	9°32	0°44	12°20	23° 8	1° 5	3°39	20°14	21°25	1° 3	n.a.	F 23
S 24	11 20 21	21°48'03	5♒59	7°12	6°36	10°14	0°47	12°24	23° 9	1° 7	3°38	20° 8	21°22	1°10	n.a.	S 24
S 25	11 24 17	22°46'02	18°46	9° 5	7°38	10°55	0°50	12°27	23° 9	1° 9	3°36	19°59	21°19	1°17	n.a.	S 25
M26	11 28 14	23°44'00	1♓21	11° 0	8°39	11°36	0°53	12°30	23°10	1°10	3°35	19°49	21°16	1°23	n.a.	M26
T 27	11 32 10	24°41'56	13°45	12°56	9°40	12°17	0°56	12°33	23°11	1°12	3°33	19°39	21°13	1°30	n.a.	T 27
W28	11 36 7	25°39'50	25°58	14°54	10°41	12°58	1° 0	12°37	23°12	1°14	3°32	19°30	21° 9	1°37	n.a.	W28
T 29	11 40 3	26°37'43	8♈ 2	16°54	11°42	13°40	1° 4	12°40	23°13	1°16	3°30	19°21	21° 6	1°43	n.a.	T 29
F 30	11 44 0	27°35'34	19°58	18°56	12°42	14°21	1° 7	12°44	23°13	1°18	3°29	19°15	21° 3	1°50	n.a.	F 30
S 31	11 47 57	28♓33'23	1♉48	20♓59	13♉41	15♈ 2	1♋11	12♊48	23♊14	1♉20	3♍27	19♉11	21♉ 0	1♉57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	11s52	3s50	3s58	21s36	1s36	5n57	1n22	2s36	0s18	24n43	0n53	22n13	0s20	24n 3	0n23	10n 8	1s50	26n34	17n50	18n31	18n44	9n13			n.a.
F 2	11 31	1n40	3 15	21 26	1 43	6 28	1 26	2 18	0 17	24 43	0 53	22 14	0 20	24 3	0 23	10 9	1 50	26 35	17 50	18 29	18 43	9 16			n.a.
S 3	11 10	7 3	2 23	21 14	1 50	6 58	1 30	2 1	0 16	24 43	0 53	22 14	0 20	24 2	0 23	10 9	1 50	26 35	17 50	18 27	18 42	9 19			n.a.
S 4	10 48	12 9	1 25	21 1	1 55	7 29	1 34	1 43	0 16	24 43	0 53	22 14	0 20	24 2	0 23	10 10	1 50	26 36	17 50	18 27	18 41	9 22			n.a.
M 5	10 27	16 50	0 24	20 47	2 1	7 58	1 38	1 26	0 15	24 43	0 53	22 14	0 20	24 2	0 23	10 10	1 49	26 37	17 50	18 26	18 40	9 25			n.a.
T 6	10 5	20 53	0n39	20 31	2 5	8 28	1 43	1 8	0 14	24 43	0 53	22 15	0 20	24 2	0 23	10 11	1 49	26 37	17 50	18 26	18 40	9 28			n.a.
W 7	9 43	24 8	1 41	20 13	2 10	8 58	1 47	0 50	0 14	24 43	0 53	22 15	0 20	24 2	0 23	10 11	1 49	26 38	17 50	18 26	18 39	9 31			n.a.
T 8	9 22	26 20	2 40	19 53	2 13	9 27	1 51	0 33	0 13	24 43	0 52	22 15	0 20	24 2	0 23	10 12	1 49	26 39	17 50	18 26	18 38	9 35			n.a.
F 9	9 0	27 15	3 32	19 32	2 17	9 56	1 55	0 15	0 13	24 43	0 52	22 16	0 19	24 2	0 23	10 12	1 49	26 39	17 50	18 25	18 37	9 38			n.a.
S 10	8 37	26 42	4 16	19 9	2 19	10 25	1 59	0n 2	0 12	24 43	0 52	22 16	0 19	24 2	0 23	10 13	1 49	26 40	17 50	18 24	18 36	9 41			n.a.
S 11	8 15	24 37	4 46	18 45	2 21	10 54	2 2	0 20	0 11	24 43	0 52	22 16	0 19	24 2	0 23	10 14	1 49	26 41	17 50	18 22	18 35	9 44			n.a.
M12	7 53	21 1	5 1	18 19	2 23	11 22	2 6	0 37	0 11	24 43	0 52	22 17	0 19	24 2	0 23	10 14	1 49	26 41	17 50	18 19	18 35	9 47			n.a.
T 13	7 30	16 6	4 58	17 51	2 24	11 50	2 10	0 55	0 10	24 43	0 52	22 17	0 19	24 2	0 23	10 15	1 49	26 42	17 50	18 16	18 34	9 50			n.a.
W14	7 8	10 9	4 35	17 21	2 25	12 18	2 14	1 12	0 9	24 43	0 52	22 18	0 19	24 2	0 23	10 15	1 49	26 42	17 50	18 13	18 33	9 53			n.a.
T 15	6 45	3 35	3 54	16 50	2 25	12 45	2 18	1 29	0 9	24 43	0 52	22 18	0 19	24 2	0 23	10 16	1 49	26 43	17 50	18 11	18 32	9 56			n.a.
F 16	6 23	3s14	2 57	16 17	2 24	13 12	2 22	1 47	0 8	24 43	0 52	22 19	0 18	24 2	0 23	10 17	1 49	26 44	17 50	18 9	18 31	10 0			n.a.
S 17	6 0	9 50	1 48	15 43	2 23	13 39	2 25	2 4	0 7	24 43	0 52	22 19	0 18	24 2	0 23	10 17	1 49	26 44	17 50	18 8	18 30	10 3			n.a.
S 18	5 37	15 51	0 33	15 6	2 22	14 6	2 29	2 21	0 7	24 43	0 52	22 19	0 18	24 2	0 23	10 18	1 49	26 45	17 50	18 8	18 30	10 6			n.a.
M19	5 14	20 52	0s44	14 28	2 20	14 32	2 33	2 39	0 6	24 42	0 52	22 20	0 18	24 2	0 23	10 19	1 49	26 45	17 50	18 8	18 29	10 9			n.a.
T 20	4 51	24 36	1 56	13 49	2 17	14 58	2 36	2 56	0 5	24 42	0 52	22 20	0 18	24 2	0 23	10 19	1 49	26 46	17 50	18 8	18 28	10 12			n.a.
W21	4 28	26 47	3 0	13 7	2 14	15 23	2 40	3 13	0 5	24 42	0 52	22 21	0 18	24 2	0 23	10 20	1 49	26 46	17 49	18 8	18 27	10 15			n.a.
T 22	4 5	27 20	3 52	12 24	2 10	15 48	2 43	3 30	0 4	24 42	0 52	22 21	0 18	24 2	0 23	10 21	1 49	26 47	17 49	18 7	18 26	10 18			n.a.
F 23	3 42	26 18	4 31	11 39	2 6	16 13	2 47	3 47	0 4	24 42	0 52	22 22	0 18	24 2	0 23	10 21	1 49	26 47	17 49	18 6	18 25	10 21			n.a.
S 24	3 18	23 51	4 56	10 53	2 1	16 37	2 50	4 4	0 3	24 42	0 52	22 22	0 17	24 2	0 23	10 22	1 49	26 48	17 49	18 4	18 24	10 25			n.a.
S 25	2 55	20 16	5 5	10 5	1 55	17 1	2 53	4 21	0 2	24 42	0 52	22 23	0 17	24 2	0 23	10 23	1 48	26 48	17 49	18 2	18 24	10 28			n.a.
M26	2 32	15 49	4 59	9 15	1 50	17 24	2 57	4 38	0 2	24 42	0 52	22 24	0 17	24 2	0 23	10 23	1 48	26 49	17 49	17 59	18 23	10 31			n.a.
T 27	2 8	10 46	4 39	8 24	1 43	17 47	3 0	4 55	0 1	24 42	0 52	22 24	0 17	24 2	0 23	10 24	1 48	26 49	17 48	17 57	18 22	10 34			n.a.
W28	1 45	5 23	4 6	7 31	1 36	18 10	3 3	5 12	0 0	24 42	0 52	22 25	0 17	24 2	0 23	10 25	1 48	26 49	17 48	17 54	18 21	10 37			n.a.
T 29	1 22	0n 9	3 23	6 37	1 29	18 32	3 6	5 29	0n 0	24 42	0 51	22 25	0 17	24 2	0 23	10 25	1 48	26 50	17 48	17 52	18 20	10 40			n.a.
F 30	0 58	5 37	2 31	5 41	1 21	18 54	3 9	5 46	0 1	24 42	0 51	22 26	0 17	24 3	0 23	10 26	1 48	26 50	17 48	17 50	18 19	10 43			n.a.
S 31	0s35	10n51	1s32	4s44	1s12	19n15	3n12	6n 2	0n 1	24n42	0n51	22n27	0s16	24n 3	0n23	10n27	1s48	26n50	17n48	17n49	18n19	10n46			n.a.

Julian Day Number = 1270033.5, Delta T = 08h18m03s
Ecliptic obliquity = 23°50'35, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'56, Lahiri = -21°00'56 Julian Calendar 1 March 1236 BCE == Greg. Calendar 18 Feb. 1236 BCE

The year -1235 astronomical counting style corresponds to year 1236 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1236 BCE
geocentric

APRIL 1236 BCE (-1235) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 51 53	29♓31'10	13♉34	23♓ 4	14♉41	15♈42	1♋16	12♊51	23♊15	1♉22	3°R26	19°D 9	20♉57	2♉ 3	n.a.	S 1
M 2	11 55 50	0♈28'56	25°22	25°10	15°40	16°23	1°20	12°55	23°17	1°24	3♍24	19♉ 9	20°53	2°10	n.a.	M 2
T 3	11 59 46	1°26'40	7♊13	27°17	16°38	17° 4	1°24	12°59	23°18	1°26	3°23	19°10	20°50	2°17	n.a.	T 3
W 4	12 3 43	2°24'22	19°15	29°26	17°36	17°45	1°29	13° 3	23°19	1°28	3°21	19°12	20°47	2°23	n.a.	W 4
T 5	12 7 39	3°22'03	1♋30	1♈35	18°34	18°26	1°34	13° 8	23°20	1°30	3°20	19°R13	20°44	2°30	n.a.	T 5
F 6	12 11 36	4°19'41	14° 5	3°45	19°31	19° 7	1°39	13°12	23°21	1°32	3°19	19°12	20°41	2°36	n.a.	F 6
S 7	12 15 32	5°17'19	27° 4	5°56	20°28	19°47	1°44	13°16	23°23	1°34	3°17	19°10	20°38	2°43	n.a.	S 7
S 8	12 19 29	6°14'54	10♌30	8° 7	21°24	20°28	1°49	13°21	23°24	1°36	3°16	19° 6	20°34	2°50	n.a.	S 8
M 9	12 23 26	7°12'27	24°24	10°18	22°19	21° 9	1°55	13°25	23°25	1°38	3°14	19° 1	20°31	2°56	n.a.	M 9
T 10	12 27 22	8° 9'59	8♍46	12°28	23°14	21°49	2° 0	13°30	23°27	1°40	3°13	18°55	20°28	3° 3	n.a.	T 10
W11	12 31 19	9° 7'30	23°31	14°38	24° 9	22°30	2° 6	13°34	23°29	1°42	3°12	18°49	20°25	3°10	n.a.	W11
T 12	12 35 15	10° 4'59	8♎31	16°47	25° 3	23°10	2°12	13°39	23°30	1°44	3°11	18°44	20°22	3°16	n.a.	T 12
F 13	12 39 12	11° 2'27	23°39	18°55	25°56	23°51	2°18	13°44	23°32	1°46	3° 9	18°40	20°18	3°23	n.a.	F 13
S 14	12 43 8	11°59'53	8♏45	21° 2	26°49	24°31	2°24	13°49	23°33	1°48	3° 8	18°38	20°15	3°30	n.a.	S 14
S 15	12 47 5	12°57'19	23°39	23° 7	27°41	25°12	2°30	13°54	23°35	1°51	3° 7	18°D38	20°12	3°36	n.a.	S 15
M16	12 51 1	13°54'44	8♐16	25°10	28°33	25°52	2°37	13°59	23°37	1°53	3° 6	18°39	20° 9	3°43	n.a.	M16
T 17	12 54 58	14°52'07	22°31	27°11	29°24	26°32	2°43	14° 4	23°39	1°55	3° 5	18°40	20° 6	3°50	n.a.	T 17
W18	12 58 55	15°49'30	6♑23	29°11	0♊14	27°13	2°50	14° 9	23°41	1°57	3° 3	18°41	20° 3	3°56	n.a.	W18
T 19	13 2 51	16°46'53	19°53	1♉ 7	1° 4	27°53	2°57	14°14	23°42	1°59	3° 2	18°R42	19°59	4° 3	n.a.	T 19
F 20	13 6 48	17°44'14	3♒ 2	3° 2	1°52	28°33	3° 4	14°20	23°44	2° 1	3° 1	18°41	19°56	4°10	n.a.	F 20
S 21	13 10 44	18°41'34	15°52	4°54	2°40	29°13	3°11	14°25	23°46	2° 4	3° 0	18°38	19°53	4°16	n.a.	S 21
S 22	13 14 41	19°38'54	28°26	6°43	3°28	29°53	3°18	14°30	23°48	2° 6	2°59	18°35	19°50	4°23	n.a.	S 22
M23	13 18 37	20°36'13	10♓47	8°29	4°14	0♉34	3°25	14°36	23°50	2° 8	2°58	18°30	19°47	4°30	n.a.	M23
T 24	13 22 34	21°33'31	22°57	10°13	5° 0	1°14	3°33	14°42	23°53	2°10	2°57	18°26	19°44	4°36	n.a.	T 24
W25	13 26 30	22°30'48	4♈58	11°54	5°44	1°54	3°41	14°47	23°55	2°12	2°56	18°22	19°40	4°43	n.a.	W25
T 26	13 30 27	23°28'05	16°53	13°33	6°28	2°34	3°48	14°53	23°57	2°15	2°55	18°18	19°37	4°50	n.a.	T 26
F 27	13 34 24	24°25'20	28°43	15° 8	7°11	3°14	3°56	14°59	23°59	2°17	2°54	18°15	19°34	4°56	n.a.	F 27
S 28	13 38 20	25°22'35	10♉30	16°41	7°53	3°54	4° 4	15° 5	24° 2	2°19	2°54	18°14	19°31	5° 3	n.a.	S 28
S 29	13 42 17	26°19'49	22°17	18°11	8°34	4°34	4°12	15°11	24° 4	2°21	2°53	18°D14	19°28	5° 9	n.a.	S 29
M30	13 46 13	27♈17'02	4♊ 6	19♉38	9♊13	5♉14	4♋21	15♊17	24♊ 6	2♉24	2♍52	18♉15	19♉24	5♉16	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s12	15n42	0s30	3s46	1s 3	19n36	3n14	6n19	0n 2	24n42	0n51	22n27	0s16	24n 3	0n23	10n27	1s48	26n51	17n47	17n48	18n18	10n49		n.a.
M 2	0n12	19 58	0n34	2 47	0 54	19 56	3 17	6 35	0 3	24 41	0 51	22 28	0 16	24 3	0 23	10 28	1 48	26 51	17 47	17 48	18 17	10 53		n.a.
T 3	0 35	23 28	1 36	1 46	0 45	20 16	3 19	6 52	0 3	24 41	0 51	22 28	0 16	24 3	0 23	10 29	1 48	26 51	17 47	17 49	18 16	10 56		n.a.
W 4	0 58	25 59	2 36	0 46	0 35	20 35	3 22	7 8	0 4	24 41	0 51	22 29	0 16	24 3	0 23	10 30	1 48	26 52	17 47	17 49	18 15	10 59		n.a.
T 5	1 22	27 19	3 29	0n16	0 24	20 54	3 24	7 25	0 4	24 41	0 51	22 30	0 16	24 3	0 22	10 30	1 48	26 52	17 46	17 49	18 14	11 2		n.a.
F 6	1 45	27 17	4 14	1 18	0 14	21 13	3 26	7 41	0 5	24 41	0 51	22 30	0 16	24 3	0 22	10 31	1 48	26 52	17 46	17 49	18 13	11 5		n.a.
S 7	2 8	25 47	4 47	2 20	0 4	21 30	3 29	7 57	0 6	24 41	0 51	22 31	0 16	24 3	0 22	10 32	1 48	26 53	17 46	17 49	18 13	11 8		n.a.
S 8	2 31	22 48	5 6	3 23	0n 7	21 48	3 31	8 13	0 6	24 41	0 51	22 32	0 16	24 3	0 22	10 33	1 48	26 53	17 45	17 47	18 12	11 11		n.a.
M 9	2 54	18 26	5 8	4 25	0 18	22 5	3 32	8 29	0 7	24 41	0 51	22 32	0 15	24 3	0 22	10 33	1 48	26 53	17 45	17 46	18 11	11 14		n.a.
T 10	3 18	12 55	4 52	5 26	0 28	22 21	3 34	8 45	0 7	24 41	0 51	22 33	0 15	24 3	0 22	10 34	1 48	26 53	17 45	17 44	18 10	11 17		n.a.
W11	3 41	6 31	4 15	6 27	0 39	22 36	3 36	9 1	0 8	24 40	0 51	22 34	0 15	24 3	0 22	10 35	1 48	26 53	17 44	17 43	18 9	11 20		n.a.
T 12	4 4	0s22	3 21	7 27	0 49	22 52	3 37	9 17	0 9	24 40	0 51	22 34	0 15	24 3	0 22	10 36	1 48	26 54	17 44	17 41	18 8	11 23		n.a.
F 13	4 26	7 18	2 12	8 26	0 59	23 6	3 39	9 33	0 9	24 40	0 51	22 35	0 15	24 3	0 22	10 36	1 48	26 54	17 44	17 40	18 7	11 27		n.a.
S 14	4 49	13 49	0 54	9 23	1 8	23 20	3 40	9 49	0 10	24 40	0 51	22 36	0 15	24 3	0 22	10 37	1 48	26 54	17 43	17 40	18 6	11 30		n.a.
S 15	5 12	19 27	0s27	10 19	1 17	23 33	3 41	10 4	0 10	24 40	0 51	22 37	0 15	24 3	0 22	10 38	1 48	26 54	17 43	17 40	18 6	11 33		n.a.
M16	5 35	23 47	1 45	11 14	1 26	23 46	3 42	10 20	0 11	24 40	0 51	22 37	0 15	24 4	0 22	10 39	1 48	26 54	17 43	17 40	18 5	11 36		n.a.
T 17	5 57	26 32	2 55	12 6	1 34	23 59	3 43	10 35	0 12	24 39	0 51	22 38	0 14	24 4	0 22	10 40	1 48	26 54	17 42	17 40	18 4	11 39		n.a.
W18	6 20	27 33	3 52	12 57	1 42	24 10	3 43	10 50	0 12	24 39	0 51	22 39	0 14	24 4	0 22	10 40	1 48	26 54	17 42	17 41	18 3	11 42		n.a.
T 19	6 42	26 52	4 34	13 45	1 48	24 21	3 44	11 6	0 13	24 39	0 50	22 40	0 14	24 4	0 22	10 41	1 48	26 54	17 41	17 41	18 2	11 45		n.a.
F 20	7 4	24 41	5 1	14 31	1 55	24 32	3 44	11 21	0 13	24 39	0 50	22 40	0 14	24 4	0 22	10 42	1 48	26 54	17 41	17 40	18 1	11 48		n.a.
S 21	7 27	21 19	5 13	15 15	2 0	24 42	3 44	11 36	0 14	24 39	0 50	22 41	0 14	24 4	0 22	10 43	1 48	26 54	17 41	17 40	18 0	11 51		n.a.
S 22	7 49	17 1	5 8	15 57	2 5	24 51	3 44	11 51	0 14	24 38	0 50	22 42	0 14	24 4	0 22	10 43	1 48	26 54	17 40	17 39	18 0	11 54		n.a.
M23	8 11	12 6	4 50	16 37	2 10	25 0	3 43	12 6	0 15	24 38	0 50	22 43	0 14	24 4	0 22	10 44	1 48	26 54	17 40	17 38	17 59	11 57		n.a.
T 24	8 33	6 47	4 18	17 14	2 13	25 8	3 43	12 20	0 16	24 38	0 50	22 43	0 14	24 4	0 22	10 45	1 48	26 54	17 39	17 36	17 58	12 0		n.a.
W25	8 54	1 17	3 36	17 49	2 16	25 16	3 42	12 35	0 16	24 38	0 50	22 44	0 14	24 4	0 22	10 46	1 48	26 54	17 39	17 35	17 57	12 3		n.a.
T 26	9 16	4n13	2 44	18 22	2 18	25 23	3 41	12 50	0 17	24 37	0 50	22 45	0 13	24 4	0 22	10 47	1 48	26 54	17 38	17 34	17 56	12 7		n.a.
F 27	9 37	9 33	1 45	18 52	2 19	25 29	3 40	13 4	0 17	24 37	0 50	22 46	0 13	24 4	0 22	10 47	1 47	26 54	17 38	17 33	17 55	12 10		n.a.
S 28	9 59	14 33	0 43	19 20	2 20	25 35	3 39	13 18	0 18	24 37	0 50	22 46	0 13	24 5	0 22	10 48	1 47	26 54	17 37	17 33	17 54	12 13		n.a.
S 29	10 20	19 0	0n22	19 46	2 20	25 40	3 37	13 33	0 18	24 37	0 50	22 47	0 13	24 5	0 22	10 49	1 47	26 54	17 37	17 33	17 53	12 16		n.a.
M30	10n41	22n44	1n27	20n10	2n19	25n45	3n35	13n47	0n19	24n36	0n50	22n48	0s13	24n 5	0n22	10n50	1s47	26n54	17n37	17n33	17n53	12n19		n.a.

Julian Day Number = 1270064.5, Delta T = 08h18m01s
Ecliptic obliquity = 23°50'35, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'52, Lahiri = -21°00'51 Julian Calendar 1 Apr. 1236 BCE == Greg. Calendar 21 March 1236 BCE

The year -1235 astronomical counting style corresponds to year 1236 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1236 BCE
geocentric

MAY 1236 BCE (-1235) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 50 10	28♈14'15	16♊ 1	21♉ 2	9♊52	5♉53	4♋29	15♊23	24♊ 9	2♉26	2°R51	18♉16	19♉21	5♉23	n.a.	T 1
W 2	13 54 6	29°11'26	28° 6	22°23	10°29	6°33	4°37	15°29	24°11	2°28	2♍50	18°18	19°18	5°29	n.a.	W 2
T 3	13 58 3	0♉ 8'37	10♋23	23°41	11° 6	7°13	4°46	15°35	24°14	2°30	2°50	18°19	19°15	5°36	n.a.	T 3
F 4	14 1 59	1° 5'46	22°58	24°56	11°41	7°53	4°55	15°41	24°16	2°33	2°49	18°20	19°12	5°43	n.a.	F 4
S 5	14 5 56	2° 2'55	5♌53	26° 8	12°15	8°33	5° 3	15°47	24°19	2°35	2°48	18°R20	19° 9	5°49	n.a.	S 5
S 6	14 9 53	3° 0'03	19°14	27°17	12°47	9°12	5°12	15°54	24°21	2°37	2°48	18°19	19° 5	5°56	n.a.	S 6
M 7	14 13 49	3°57'10	3♍ 1	28°23	13°18	9°52	5°21	16° 0	24°24	2°39	2°47	18°18	19° 2	6° 3	n.a.	M 7
T 8	14 17 46	4°54'16	17°15	29°25	13°47	10°32	5°30	16° 7	24°27	2°41	2°47	18°17	18°59	6° 9	n.a.	T 8
W 9	14 21 42	5°51'22	1♎53	0♊24	14°16	11°11	5°40	16°13	24°29	2°44	2°46	18°15	18°56	6°16	n.a.	W 9
T 10	14 25 39	6°48'27	16°51	1°20	14°42	11°51	5°49	16°20	24°32	2°46	2°46	18°14	18°53	6°23	n.a.	T 10
F 11	14 29 35	7°45'31	2♏ 1	2°12	15° 7	12°30	5°58	16°26	24°35	2°48	2°45	18°13	18°49	6°29	n.a.	F 11
S 12	14 33 32	8°42'35	17°13	3° 0	15°30	13°10	6° 8	16°33	24°38	2°50	2°45	18°D13	18°46	6°36	n.a.	S 12
S 13	14 37 29	9°39'39	2♐19	3°45	15°51	13°49	6°18	16°39	24°41	2°53	2°44	18°13	18°43	6°43	n.a.	S 13
M14	14 41 25	10°36'43	17° 9	4°25	16°11	14°29	6°27	16°46	24°43	2°55	2°44	18°13	18°40	6°49	n.a.	M14
T 15	14 45 22	11°33'46	1♑37	5° 2	16°29	15° 8	6°37	16°53	24°46	2°57	2°44	18°14	18°37	6°56	n.a.	T 15
W16	14 49 18	12°30'50	15°41	5°35	16°45	15°48	6°47	17° 0	24°49	2°59	2°43	18°15	18°34	7° 3	n.a.	W16
T 17	14 53 15	13°27'54	29°18	6° 3	16°59	16°27	6°57	17° 7	24°52	3° 2	2°43	18°15	18°30	7° 9	n.a.	T 17
F 18	14 57 11	14°24'58	12♒29	6°28	17°11	17° 6	7° 7	17°13	24°55	3° 4	2°43	18°R15	18°27	7°16	n.a.	F 18
S 19	15 1 8	15°22'02	25°18	6°48	17°20	17°46	7°17	17°20	24°58	3° 6	2°43	18°15	18°24	7°22	n.a.	S 19
S 20	15 5 4	16°19'06	7♓47	7° 3	17°28	18°25	7°27	17°27	25° 1	3° 8	2°42	18°15	18°21	7°29	n.a.	S 20
M21	15 9 1	17°16'10	20° 1	7°14	17°34	19° 4	7°38	17°34	25° 5	3°10	2°42	18°15	18°18	7°36	n.a.	M21
T 22	15 12 58	18°13'15	2♈ 3	7°20	17°37	19°43	7°48	17°41	25° 8	3°12	2°42	18°D15	18°15	7°42	n.a.	T 22
W23	15 16 54	19°10'19	13°57	7°R22	17°R38	20°23	7°59	17°49	25°11	3°15	2°42	18°15	18°11	7°49	n.a.	W23
T 24	15 20 51	20° 7'24	25°46	7°19	17°37	21° 2	8° 9	17°56	25°14	3°17	2°42	18°15	18° 8	7°56	n.a.	T 24
F 25	15 24 47	21° 4'29	7♉33	7°11	17°34	21°41	8°20	18° 3	25°17	3°19	2°D42	18°15	18° 5	8° 2	n.a.	F 25
S 26	15 28 44	22° 1'35	19°21	6°59	17°28	22°20	8°31	18°10	25°20	3°21	2°42	18°R15	18° 2	8° 9	n.a.	S 26
S 27	15 32 40	22°58'40	1♊12	6°43	17°19	22°59	8°41	18°17	25°24	3°23	2°42	18°15	17°59	8°16	n.a.	S 27
M28	15 36 37	23°55'46	13° 8	6°23	17° 9	23°38	8°52	18°25	25°27	3°25	2°42	18°15	17°55	8°22	n.a.	M28
T 29	15 40 34	24°52'52	25°11	5°58	16°56	24°17	9° 3	18°32	25°30	3°28	2°42	18°14	17°52	8°29	n.a.	T 29
W30	15 44 30	25°49'58	7♋24	5°30	16°40	24°57	9°14	18°39	25°34	3°30	2°42	18°13	17°49	8°36	n.a.	W30
T 31	15 48 27	26♉47'04	19♋49	4♊59	16♊23	25♉36	9♋25	18♊46	25♊37	3♉32	2♍43	18♉12	17♉46	8♉42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat	
T 1	11n 2	25n32	2n28	20n31	2n17	25n49	3n33	14n 1	0n19	24n36	0n50	22n49	0s13	24n 5	0n22	10n50	1s47	26n54	17n36	17n33	17n52	12n22			n.a.	T 1
W 2	11 22	27 13	3 23	20 51	2 15	25 52	3 31	14 15	0 20	24 36	0 50	22 49	0 13	24 5	0 22	10 51	1 47	26 54	17 36	17 34	17 51	12 25			n.a.	W 2
T 3	11 43	27 35	4 10	21 8	2 12	25 55	3 28	14 28	0 21	24 35	0 50	22 50	0 13	24 5	0 22	10 52	1 47	26 53	17 35	17 34	17 50	12 28			n.a.	T 3
F 4	12 3	26 33	4 46	21 23	2 8	25 57	3 25	14 42	0 21	24 35	0 50	22 51	0 13	24 5	0 22	10 53	1 47	26 53	17 35	17 34	17 49	12 31			n.a.	F 4
S 5	12 23	24 6	5 9	21 36	2 3	25 59	3 22	14 56	0 22	24 35	0 50	22 52	0 12	24 5	0 22	10 54	1 47	26 53	17 34	17 35	17 48	12 34			n.a.	S 5
S 6	12 43	20 18	5 17	21 47	1 58	26 0	3 19	15 9	0 22	24 34	0 50	22 53	0 12	24 5	0 22	10 54	1 47	26 53	17 34	17 34	17 47	12 37			n.a.	S 6
M 7	13 3	15 19	5 6	21 57	1 51	26 0	3 15	15 23	0 23	24 34	0 50	22 53	0 12	24 6	0 22	10 55	1 47	26 53	17 33	17 34	17 46	12 40			n.a.	M 7
T 8	13 22	9 22	4 37	22 4	1 45	26 0	3 11	15 36	0 23	24 33	0 50	22 54	0 12	24 6	0 22	10 56	1 47	26 52	17 33	17 34	17 46	12 43			n.a.	T 8
W 9	13 42	2 44	3 50	22 9	1 37	25 59	3 7	15 49	0 24	24 33	0 50	22 55	0 12	24 6	0 22	10 57	1 47	26 52	17 32	17 33	17 45	12 46			n.a.	W 9
T 10	14 1	4s11	2 45	22 13	1 29	25 58	3 2	16 2	0 24	24 32	0 50	22 56	0 12	24 6	0 22	10 58	1 47	26 52	17 32	17 33	17 44	12 49			n.a.	T 10
F 11	14 20	10 59	1 29	22 15	1 20	25 55	2 57	16 15	0 25	24 32	0 50	22 57	0 12	24 6	0 22	10 58	1 47	26 52	17 31	17 33	17 43	12 52			n.a.	F 11
S 12	14 39	17 10	0 6	22 15	1 10	25 53	2 51	16 27	0 25	24 32	0 50	22 57	0 12	24 6	0 22	10 59	1 47	26 51	17 31	17 33	17 42	12 55			n.a.	S 12
S 13	14 57	22 14	1s17	22 14	1 0	25 49	2 46	16 40	0 26	24 31	0 50	22 58	0 12	24 6	0 22	11 0	1 47	26 51	17 30	17 33	17 41	12 58			n.a.	S 13
M14	15 15	25 46	2 34	22 11	0 48	25 46	2 40	16 52	0 26	24 31	0 50	22 59	0 12	24 6	0 22	11 1	1 47	26 51	17 29	17 33	17 40	13 1			n.a.	M14
T 15	15 33	27 28	3 38	22 6	0 37	25 41	2 33	17 5	0 27	24 30	0 50	23 0	0 11	24 6	0 22	11 1	1 47	26 50	17 29	17 33	17 39	13 4			n.a.	T 15
W16	15 51	27 20	4 28	22 0	0 24	25 36	2 26	17 17	0 27	24 30	0 50	23 0	0 11	24 7	0 22	11 2	1 47	26 50	17 28	17 33	17 38	13 7			n.a.	W16
T 17	16 9	25 32	5 0	21 52	0 11	25 30	2 19	17 29	0 28	24 29	0 50	23 1	0 11	24 7	0 22	11 3	1 47	26 49	17 28	17 33	17 38	13 10			n.a.	T 17
F 18	16 26	22 23	5 16	21 43	0s 2	25 24	2 12	17 41	0 28	24 28	0 50	23 2	0 11	24 7	0 22	11 4	1 47	26 49	17 27	17 33	17 37	13 13			n.a.	F 18
S 19	16 43	18 14	5 15	21 33	0 16	25 17	2 4	17 53	0 29	24 28	0 50	23 3	0 11	24 7	0 22	11 4	1 47	26 49	17 27	17 33	17 36	13 16			n.a.	S 19
S 20	17 0	13 24	4 59	21 21	0 31	25 9	1 55	18 4	0 30	24 27	0 50	23 4	0 11	24 7	0 22	11 5	1 47	26 48	17 26	17 33	17 35	13 19			n.a.	S 20
M21	17 16	8 9	4 30	21 8	0 46	25 1	1 46	18 16	0 30	24 27	0 50	23 4	0 11	24 7	0 22	11 6	1 47	26 48	17 26	17 33	17 34	13 22			n.a.	M21
T 22	17 33	2 40	3 50	20 54	1 1	24 52	1 37	18 27	0 31	24 26	0 50	23 5	0 11	24 7	0 22	11 7	1 47	26 47	17 25	17 33	17 33	13 25			n.a.	T 22
W23	17 49	2n51	2 59	20 39	1 17	24 43	1 28	18 38	0 31	24 25	0 50	23 6	0 11	24 7	0 22	11 7	1 47	26 47	17 25	17 33	17 32	13 28			n.a.	W23
T 24	18 4	8 14	2 2	20 23	1 32	24 32	1 17	18 49	0 32	24 25	0 50	23 7	0 11	24 7	0 22	11 8	1 47	26 46	17 24	17 33	17 31	13 31			n.a.	T 24
F 25	18 20	13 20	0 59	20 6	1 48	24 22	1 7	19 0	0 32	24 24	0 49	23 7	0 10	24 8	0 22	11 9	1 47	26 46	17 23	17 33	17 30	13 34			n.a.	F 25
S 26	18 35	17 57	0n 6	19 48	2 4	24 10	0 56	19 11	0 33	24 23	0 49	23 8	0 10	24 8	0 22	11 10	1 47	26 45	17 23	17 33	17 29	13 37			n.a.	S 26
S 27	18 50	21 54	1 11	19 30	2 20	23 58	0 45	19 22	0 33	24 23	0 49	23 9	0 10	24 8	0 22	11 10	1 47	26 45	17 22	17 33	17 29	13 40			n.a.	S 27
M28	19 4	24 58	2 14	19 11	2 35	23 46	0 33	19 32	0 34	24 22	0 49	23 10	0 10	24 8	0 22	11 11	1 48	26 44	17 22	17 33	17 28	13 43			n.a.	M28
T 29	19 18	26 56	3 11	18 52	2 50	23 32	0 21	19 43	0 34	24 21	0 49	23 10	0 10	24 8	0 22	11 12	1 48	26 44	17 21	17 33	17 27	13 46			n.a.	T 29
W30	19 32	27 38	4 0	18 33	3 5	23 19	0 9	19 53	0 35	24 20	0 49	23 11	0 10	24 8	0 22	11 12	1 48	26 43	17 21	17 33	17 26	13 49			n.a.	W30
T 31	19n46	26n57	4n39	18n14	3s18	23n 4	0s 4	20n 3	0n35	24n19	0n49	23n12	0s10	24n 8	0n22	11n13	1s48	26n42	17n20	17n32	17n25	13n52			n.a.	T 31

Julian Day Number = 1270094.5, Delta T = 08h17m59s
Ecliptic obliquity = 23°50'35, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'48, Lahiri = -21°00'47 Julian Calendar 1 May 1236 BCE == Greg. Calendar 20 Apr. 1236 BCE

The year -1235 astronomical counting style corresponds to year 1236 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1236 BCE
geocentric

JUNE 1236 BCE (-1235) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 52 23	27♉44'10	2♌29	4°R25	16°R 3	26♉15	9♋37	18♊54	25♊40	3♉34	2♍43	18°R11	17♉43	8♉49	n.a.	F 1
S 2	15 56 20	28°41'16	15°27	3♊49	15♊41	26°54	9°48	19° 1	25°44	3°36	2°43	18♉10	17°40	8°56	n.a.	S 2
S 3	16 0 16	29°38'23	28°45	3°11	15°16	27°32	9°59	19° 9	25°47	3°38	2°43	18°D10	17°36	9° 2	n.a.	S 3
M 4	16 4 13	0♊35'29	12♍24	2°32	14°50	28°11	10°11	19°16	25°51	3°40	2°44	18°10	17°33	9° 9	n.a.	M 4
T 5	16 8 9	1°32'36	26°26	1°53	14°22	28°50	10°22	19°24	25°54	3°42	2°44	18°11	17°30	9°15	n.a.	T 5
W 6	16 12 6	2°29'42	10♎50	1°14	13°52	29°29	10°34	19°31	25°58	3°44	2°44	18°12	17°27	9°22	n.a.	W 6
T 7	16 16 3	3°26'50	25°33	0°37	13°20	0♊ 8	10°45	19°39	26° 1	3°46	2°45	18°13	17°24	9°29	n.a.	T 7
F 8	16 19 59	4°23'57	10♏30	0° 0	12°47	0°47	10°57	19°46	26° 5	3°48	2°45	18°14	17°21	9°35	n.a.	F 8
S 9	16 23 56	5°21'05	25°34	29♉26	12°13	1°26	11° 8	19°54	26° 8	3°50	2°46	18°R14	17°17	9°42	n.a.	S 9
S 10	16 27 52	6°18'14	10♐37	28°55	11°37	2° 4	11°20	20° 1	26°12	3°52	2°46	18°13	17°14	9°49	n.a.	S 10
M11	16 31 49	7°15'23	25°29	28°28	11° 1	2°43	11°32	20° 9	26°15	3°54	2°47	18°11	17°11	9°55	n.a.	M11
T 12	16 35 45	8°12'33	10♑ 3	28° 5	10°24	3°22	11°44	20°16	26°19	3°56	2°48	18° 9	17° 8	10° 2	n.a.	T 12
W13	16 39 42	9° 9'44	24°14	27°46	9°47	4° 1	11°56	20°24	26°22	3°58	2°48	18° 6	17° 5	10° 9	n.a.	W13
T 14	16 43 39	10° 6'56	7♒58	27°32	9°10	4°39	12° 8	20°32	26°26	4° 0	2°49	18° 3	17° 1	10°15	n.a.	T 14
F 15	16 47 35	11° 4'09	21°15	27°23	8°33	5°18	12°20	20°39	26°30	4° 2	2°50	18° 1	16°58	10°22	n.a.	F 15
S 16	16 51 32	12° 1'23	4♓ 7	27°D20	7°56	5°57	12°32	20°47	26°33	4° 3	2°50	18° 0	16°55	10°29	n.a.	S 16
S 17	16 55 28	12°58'39	16°37	27°23	7°20	6°35	12°44	20°55	26°37	4° 5	2°51	18°D 0	16°52	10°35	n.a.	S 17
M18	16 59 25	13°55'55	28°49	27°31	6°44	7°14	12°56	21° 2	26°40	4° 7	2°52	18° 0	16°49	10°42	n.a.	M18
T 19	17 3 21	14°53'12	10♈48	27°46	6°10	7°53	13° 8	21°10	26°44	4° 9	2°53	18° 2	16°46	10°49	n.a.	T 19
W20	17 7 18	15°50'31	22°39	28° 6	5°37	8°31	13°20	21°18	26°48	4°11	2°53	18° 4	16°42	10°55	n.a.	W20
T 21	17 11 14	16°47'51	4♉27	28°33	5° 5	9°10	13°33	21°25	26°51	4°12	2°54	18° 5	16°39	11° 2	n.a.	T 21
F 22	17 15 11	17°45'12	16°14	29° 6	4°35	9°48	13°45	21°33	26°55	4°14	2°55	18°R 6	16°36	11° 8	n.a.	F 22
S 23	17 19 8	18°42'34	28° 5	29°45	4° 7	10°27	13°57	21°41	26°59	4°16	2°56	18° 5	16°33	11°15	n.a.	S 23
S 24	17 23 4	19°39'58	10♊ 2	0♊30	3°41	11° 5	14°10	21°49	27° 2	4°18	2°57	18° 3	16°30	11°22	n.a.	S 24
M25	17 27 1	20°37'23	22° 8	1°21	3°16	11°44	14°22	21°56	27° 6	4°19	2°58	18° 0	16°27	11°28	n.a.	M25
T 26	17 30 57	21°34'48	4♋25	2°18	2°54	12°22	14°35	22° 4	27°10	4°21	2°59	17°55	16°23	11°35	n.a.	T 26
W27	17 34 54	22°32'15	16°53	3°21	2°34	13° 1	14°47	22°12	27°14	4°23	3° 0	17°50	16°20	11°42	n.a.	W27
T 28	17 38 50	23°29'43	29°34	4°29	2°16	13°39	15° 0	22°19	27°17	4°24	3° 1	17°44	16°17	11°48	n.a.	T 28
F 29	17 42 47	24°27'13	12♌27	5°43	2° 0	14°18	15°13	22°27	27°21	4°26	3° 3	17°38	16°14	11°55	n.a.	F 29
S 30	17 46 44	25♊24'43	25♌35	7♊ 2	1♊47	14♊56	15♋25	22♊35	27♊25	4♉27	3♍ 4	17♉33	16♉11	12♉ 2	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n59	24n53	5n 5	17n55	3s31	22n49	0s17	20n13	0n36	24n19	0n49	23n12	0s10	24n 8	0n22	11n14	1s48	26n42	17n20	17n32	17n24	13n55		n.a.
S 2	20 12	21 30	5 17	17 37	3 43	22 33	0 30	20 23	0 36	24 18	0 49	23 13	0 10	24 8	0 22	11 15	1 48	26 41	17 19	17 32	17 23	13 58		n.a.
S 3	20 25	16 57	5 12	17 19	3 54	22 17	0 44	20 32	0 37	24 17	0 49	23 14	0 10	24 9	0 22	11 15	1 48	26 41	17 18	17 32	17 22	14 1		n.a.
M 4	20 37	11 27	4 49	17 3	4 3	22 1	0 58	20 41	0 37	24 16	0 49	23 15	0 9	24 9	0 22	11 16	1 48	26 40	17 18	17 32	17 21	14 4		n.a.
T 5	20 49	5 14	4 9	16 47	4 12	21 44	1 12	20 51	0 37	24 15	0 49	23 15	0 9	24 9	0 22	11 17	1 48	26 39	17 17	17 32	17 20	14 7		n.a.
W 6	21 1	1s25	3 13	16 33	4 18	21 26	1 26	21 0	0 38	24 14	0 49	23 16	0 9	24 9	0 22	11 17	1 48	26 39	17 17	17 32	17 19	14 10		n.a.
T 7	21 12	8 9	2 2	16 20	4 23	21 8	1 40	21 9	0 38	24 13	0 49	23 17	0 9	24 9	0 22	11 18	1 48	26 38	17 16	17 33	17 19	14 13		n.a.
F 8	21 23	14 33	0 43	16 9	4 27	20 50	1 54	21 18	0 39	24 12	0 49	23 17	0 9	24 9	0 22	11 19	1 48	26 37	17 16	17 33	17 18	14 16		n.a.
S 9	21 33	20 8	0s41	16 0	4 29	20 31	2 8	21 26	0 39	24 11	0 49	23 18	0 9	24 9	0 22	11 19	1 48	26 37	17 15	17 33	17 17	14 19		n.a.
S 10	21 43	24 24	2 1	15 53	4 29	20 13	2 22	21 35	0 40	24 10	0 50	23 19	0 9	24 9	0 22	11 20	1 48	26 36	17 14	17 32	17 16	14 22		n.a.
M11	21 53	26 57	3 12	15 48	4 28	19 54	2 36	21 43	0 40	24 9	0 50	23 19	0 9	24 9	0 22	11 21	1 48	26 35	17 14	17 32	17 15	14 25		n.a.
T 12	22 3	27 35	4 8	15 45	4 25	19 35	2 50	21 51	0 41	24 8	0 50	23 20	0 9	24 10	0 22	11 21	1 48	26 34	17 13	17 31	17 14	14 28		n.a.
W13	22 12	26 21	4 48	15 45	4 21	19 17	3 3	21 59	0 41	24 7	0 50	23 21	0 9	24 10	0 22	11 22	1 48	26 34	17 13	17 31	17 13	14 31		n.a.
T 14	22 20	23 34	5 10	15 48	4 16	18 58	3 16	22 7	0 42	24 6	0 50	23 21	0 9	24 10	0 22	11 22	1 48	26 33	17 12	17 30	17 12	14 34		n.a.
F 15	22 29	19 36	5 15	15 52	4 9	18 40	3 29	22 14	0 42	24 5	0 50	23 22	0 8	24 10	0 22	11 23	1 48	26 32	17 12	17 29	17 11	14 37		n.a.
S 16	22 37	14 51	5 3	16 0	4 1	18 22	3 41	22 22	0 43	24 4	0 50	23 23	0 8	24 10	0 22	11 24	1 48	26 31	17 11	17 29	17 10	14 40		n.a.
S 17	22 44	9 36	4 37	16 9	3 51	18 4	3 53	22 29	0 43	24 3	0 50	23 23	0 8	24 10	0 22	11 24	1 48	26 31	17 11	17 29	17 9	14 43		n.a.
M18	22 51	4 7	3 59	16 21	3 41	17 47	4 4	22 36	0 44	24 2	0 50	23 24	0 8	24 10	0 22	11 25	1 48	26 30	17 10	17 29	17 8	14 46		n.a.
T 19	22 58	1n26	3 11	16 35	3 30	17 31	4 15	22 43	0 44	24 0	0 50	23 25	0 8	24 10	0 22	11 25	1 48	26 29	17 9	17 29	17 8	14 49		n.a.
W20	23 5	6 52	2 15	16 51	3 18	17 15	4 25	22 50	0 45	23 59	0 50	23 25	0 8	24 10	0 22	11 26	1 48	26 28	17 9	17 30	17 7	14 52		n.a.
T 21	23 11	12 3	1 14	17 9	3 6	17 0	4 35	22 56	0 45	23 58	0 50	23 26	0 8	24 10	0 22	11 27	1 48	26 27	17 8	17 30	17 6	14 55		n.a.
F 22	23 16	16 49	0 10	17 29	2 53	16 46	4 44	23 3	0 45	23 57	0 50	23 26	0 8	24 11	0 22	11 27	1 48	26 26	17 8	17 31	17 5	14 57		n.a.
S 23	23 21	20 57	0n54	17 51	2 39	16 32	4 53	23 9	0 46	23 55	0 50	23 27	0 8	24 11	0 22	11 28	1 48	26 26	17 7	17 30	17 4	15 0		n.a.
S 24	23 26	24 16	1 57	18 14	2 25	16 20	5 0	23 15	0 46	23 54	0 50	23 27	0 8	24 11	0 22	11 28	1 48	26 25	17 7	17 30	17 3	15 3		n.a.
M25	23 30	26 31	2 55	18 39	2 11	16 8	5 8	23 21	0 47	23 53	0 50	23 28	0 8	24 11	0 22	11 29	1 48	26 24	17 6	17 29	17 2	15 6		n.a.
T 26	23 34	27 32	3 46	19 4	1 56	15 57	5 14	23 26	0 47	23 51	0 50	23 29	0 7	24 11	0 22	11 29	1 48	26 23	17 6	17 28	17 1	15 9		n.a.
W27	23 38	27 10	4 27	19 31	1 42	15 47	5 20	23 32	0 48	23 50	0 50	23 29	0 7	24 11	0 22	11 30	1 48	26 22	17 5	17 26	17 0	15 12		n.a.
T 28	23 41	25 24	4 55	19 58	1 27	15 39	5 26	23 37	0 48	23 49	0 50	23 30	0 7	24 11	0 22	11 30	1 48	26 21	17 5	17 24	16 59	15 15		n.a.
F 29	23 43	22 17	5 10	20 26	1 13	15 31	5 30	23 42	0 49	23 47	0 50	23 30	0 7	24 11	0 22	11 31	1 48	26 20	17 4	17 23	16 58	15 18		n.a.
S 30	23n46	18n 1	5n 8	20n54	0s58	15n24	5s35	23n47	0n49	23n46	0n50	23n31	0s 7	24n11	0n22	11n31	1s48	26n19	17n 4	17n21	16n57	15n21		n.a.

Julian Day Number = 1270125.5, Delta T = 08h17m58s
Ecliptic obliquity = 23°50'35, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'44, Lahiri = -21°00'43 Julian Calendar 1 June 1236 BCE == Greg. Calendar 21 May 1236 BCE

The year -1235 astronomical counting style corresponds to year 1236 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1236 BCE
geocentric

JULY 1236 BCE (-1235) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 50 40	26♊22'14	8♍57	8♊27	1°R36	15♊35	15♋38	22♊43	27♊28	4♉29	3♍ 5	17°R30	16♉ 7	12♉ 8	n.a.	S 1
M 2	17 54 37	27°19'46	22°35	9°56	1♊28	16°13	15°51	22°50	27°32	4°30	3° 6	17°D29	16° 4	12°15	n.a.	M 2
T 3	17 58 33	28°17'19	6♎29	11°30	1°22	16°51	16° 3	22°58	27°36	4°32	3° 7	17♉29	16° 1	12°22	n.a.	T 3
W 4	18 2 30	29°14'53	20°39	13° 8	1°18	17°30	16°16	23° 6	27°40	4°33	3° 9	17°30	15°58	12°28	n.a.	W 4
T 5	18 6 26	0♋12'28	5♏ 3	14°49	1°D17	18° 8	16°29	23°13	27°43	4°35	3°10	17°32	15°55	12°35	n.a.	T 5
F 6	18 10 23	1°10'05	19°39	16°35	1°17	18°46	16°42	23°21	27°47	4°36	3°11	17°R32	15°52	12°42	n.a.	F 6
S 7	18 14 19	2° 7'43	4♐23	18°24	1°21	19°25	16°54	23°29	27°51	4°38	3°13	17°31	15°48	12°48	n.a.	S 7
S 8	18 18 16	3° 5'22	19° 8	20°15	1°26	20° 3	17° 7	23°36	27°55	4°39	3°14	17°28	15°45	12°55	n.a.	S 8
M 9	18 22 13	4° 3'02	3♑48	22° 9	1°34	20°41	17°20	23°44	27°58	4°40	3°16	17°23	15°42	13° 1	n.a.	M 9
T 10	18 26 9	5° 0'45	18°15	24° 5	1°44	21°20	17°33	23°52	28° 2	4°42	3°17	17°16	15°39	13° 8	n.a.	T 10
W11	18 30 6	5°58'28	2♒23	26° 2	1°56	21°58	17°46	23°59	28° 6	4°43	3°19	17° 8	15°36	13°15	n.a.	W11
T 12	18 34 2	6°56'14	16° 8	28° 1	2° 9	22°36	17°59	24° 7	28° 9	4°44	3°20	17° 0	15°33	13°21	n.a.	T 12
F 13	18 37 59	7°54'01	29°27	0♋ 0	2°25	23°14	18°12	24°15	28°13	4°45	3°22	16°54	15°29	13°28	n.a.	F 13
S 14	18 41 55	8°51'50	12♓22	2° 1	2°43	23°52	18°25	24°22	28°17	4°47	3°23	16°48	15°26	13°35	n.a.	S 14
S 15	18 45 52	9°49'41	24°53	4° 1	3° 3	24°31	18°38	24°30	28°20	4°48	3°25	16°45	15°23	13°41	n.a.	S 15
M16	18 49 48	10°47'33	7♈ 7	6° 1	3°25	25° 9	18°51	24°37	28°24	4°49	3°26	16°D44	15°20	13°48	n.a.	M16
T 17	18 53 45	11°45'28	19° 6	8° 2	3°48	25°47	19° 4	24°45	28°28	4°50	3°28	16°44	15°17	13°55	n.a.	T 17
W18	18 57 42	12°43'25	0♉57	10° 1	4°13	26°25	19°17	24°52	28°31	4°51	3°30	16°45	15°13	14° 1	n.a.	W18
T 19	19 1 38	13°41'24	12°44	12° 0	4°40	27° 3	19°30	25° 0	28°35	4°52	3°31	16°R46	15°10	14° 8	n.a.	T 19
F 20	19 5 35	14°39'24	24°33	13°59	5° 8	27°41	19°43	25° 7	28°39	4°53	3°33	16°46	15° 7	14°15	n.a.	F 20
S 21	19 9 31	15°37'27	6♊28	15°56	5°38	28°20	19°56	25°15	28°42	4°54	3°35	16°43	15° 4	14°21	n.a.	S 21
S 22	19 13 28	16°35'32	18°34	17°53	6° 9	28°58	20° 9	25°22	28°46	4°55	3°37	16°39	15° 1	14°28	n.a.	S 22
M23	19 17 24	17°33'39	0♋52	19°48	6°42	29°36	20°22	25°29	28°49	4°56	3°39	16°32	14°58	14°35	n.a.	M23
T 24	19 21 21	18°31'47	13°24	21°43	7°16	0♋14	20°35	25°37	28°53	4°57	3°40	16°23	14°54	14°41	n.a.	T 24
W25	19 25 17	19°29'58	26°11	23°36	7°51	0°52	20°48	25°44	28°57	4°58	3°42	16°12	14°51	14°48	n.a.	W25
T 26	19 29 14	20°28'10	9♌12	25°28	8°27	1°30	21° 2	25°51	29° 0	4°59	3°44	16° 1	14°48	14°54	n.a.	T 26
F 27	19 33 11	21°26'25	22°27	27°19	9° 5	2° 8	21°15	25°58	29° 4	5° 0	3°46	15°51	14°45	15° 1	n.a.	F 27
S 28	19 37 7	22°24'40	5♍54	29° 9	9°44	2°46	21°28	26° 6	29° 7	5° 0	3°48	15°42	14°42	15° 8	n.a.	S 28
S 29	19 41 4	23°22'58	19°31	0♌58	10°24	3°24	21°41	26°13	29°11	5° 1	3°50	15°35	14°39	15°14	n.a.	S 29
M30	19 45 0	24°21'17	3♎18	2°45	11° 5	4° 2	21°54	26°20	29°14	5° 2	3°52	15°31	14°35	15°21	n.a.	M30
T 31	19 48 57	25♋19'38	17♎12	4♌32	11♊47	4♋40	22♋ 7	26♊27	29♊18	5♉ 3	3♍54	15♉29	14♉32	15♉28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n48	12n48	4n49	21n21	0s44	15n19	5s38	23n52	0n49	23n44	0n50	23n31	0s 7	24n11	0n22	11n32	1s48	26n18	17n 3	17n20	16n56	15n24			n.a.
M 2	23 49	6 52	4 15	21 49	0 30	15 14	5 41	23 57	0 50	23 43	0 50	23 32	0 7	24 11	0 22	11 32	1 49	26 17	17 3	17 20	16 56	15 27			n.a.
T 3	23 50	0 30	3 24	22 16	0 17	15 10	5 44	24 1	0 50	23 41	0 50	23 32	0 7	24 12	0 22	11 33	1 49	26 16	17 2	17 20	16 55	15 30			n.a.
W 4	23 50	6s 1	2 21	22 42	0 4	15 7	5 46	24 5	0 51	23 40	0 50	23 33	0 7	24 12	0 22	11 33	1 49	26 16	17 2	17 20	16 54	15 32			n.a.
T 5	23 51	12 22	1 7	23 6	0n 9	15 5	5 48	24 9	0 51	23 38	0 50	23 33	0 7	24 12	0 22	11 34	1 49	26 15	17 1	17 21	16 53	15 35			n.a.
F 6	23 50	18 8	0s11	23 30	0 20	15 5	5 49	24 13	0 52	23 37	0 50	23 34	0 7	24 12	0 22	11 34	1 49	26 14	17 1	17 21	16 52	15 38			n.a.
S 7	23 50	22 51	1 30	23 51	0 32	15 5	5 49	24 17	0 52	23 35	0 50	23 34	0 6	24 12	0 22	11 35	1 49	26 13	17 0	17 21	16 51	15 41			n.a.
S 8	23 48	26 5	2 42	24 11	0 42	15 5	5 50	24 20	0 52	23 33	0 50	23 35	0 6	24 12	0 22	11 35	1 49	26 12	17 0	17 20	16 50	15 44			n.a.
M 9	23 47	27 31	3 44	24 28	0 52	15 7	5 49	24 23	0 53	23 32	0 50	23 35	0 6	24 12	0 22	11 35	1 49	26 11	16 59	17 18	16 49	15 47			n.a.
T 10	23 45	27 1	4 29	24 43	1 1	15 9	5 49	24 26	0 53	23 30	0 50	23 36	0 6	24 12	0 22	11 36	1 49	26 10	16 59	17 16	16 48	15 50			n.a.
W11	23 42	24 47	4 57	24 56	1 9	15 13	5 48	24 29	0 54	23 28	0 50	23 36	0 6	24 12	0 22	11 36	1 49	26 9	16 58	17 14	16 47	15 53			n.a.
T 12	23 39	21 8	5 7	25 6	1 17	15 17	5 47	24 32	0 54	23 27	0 51	23 37	0 6	24 12	0 22	11 37	1 49	26 8	16 58	17 12	16 46	15 55			n.a.
F 13	23 36	16 31	5 0	25 14	1 23	15 21	5 45	24 34	0 55	23 25	0 51	23 37	0 6	24 12	0 22	11 37	1 49	26 7	16 57	17 10	16 45	15 58			n.a.
S 14	23 32	11 18	4 38	25 18	1 29	15 26	5 44	24 37	0 55	23 23	0 51	23 37	0 6	24 12	0 22	11 37	1 49	26 6	16 57	17 8	16 44	16 1			n.a.
S 15	23 28	5 45	4 2	25 21	1 34	15 32	5 41	24 39	0 55	23 22	0 51	23 38	0 6	24 12	0 22	11 38	1 49	26 5	16 57	17 7	16 43	16 4			n.a.
M16	23 24	0 8	3 17	25 20	1 38	15 39	5 39	24 41	0 56	23 20	0 51	23 38	0 6	24 12	0 22	11 38	1 49	26 4	16 56	17 7	16 42	16 7			n.a.
T 17	23 19	5n24	2 23	25 17	1 41	15 46	5 36	24 43	0 56	23 18	0 51	23 39	0 6	24 12	0 22	11 38	1 49	26 3	16 56	17 7	16 41	16 10			n.a.
W18	23 13	10 41	1 24	25 11	1 44	15 53	5 34	24 44	0 57	23 16	0 51	23 39	0 6	24 13	0 22	11 39	1 49	26 2	16 55	17 7	16 41	16 13			n.a.
T 19	23 8	15 35	0 22	25 3	1 46	16 1	5 30	24 46	0 57	23 14	0 51	23 39	0 5	24 13	0 22	11 39	1 49	26 1	16 55	17 8	16 40	16 16			n.a.
F 20	23 1	19 54	0n42	24 52	1 47	16 9	5 27	24 47	0 57	23 12	0 51	23 40	0 5	24 13	0 22	11 39	1 49	26 0	16 54	17 8	16 39	16 18			n.a.
S 21	22 55	23 27	1 44	24 39	1 48	16 18	5 24	24 48	0 58	23 11	0 51	23 40	0 5	24 13	0 22	11 39	1 49	25 58	16 54	17 7	16 38	16 21			n.a.
S 22	22 48	26 1	2 42	24 24	1 48	16 27	5 20	24 49	0 58	23 9	0 51	23 40	0 5	24 13	0 22	11 40	1 49	25 57	16 54	17 6	16 37	16 24			n.a.
M23	22 40	27 23	3 33	24 7	1 47	16 36	5 16	24 49	0 59	23 7	0 51	23 41	0 5	24 13	0 23	11 40	1 50	25 56	16 53	17 4	16 36	16 27			n.a.
T 24	22 32	27 23	4 15	23 48	1 46	16 46	5 12	24 50	0 59	23 5	0 51	23 41	0 5	24 13	0 23	11 40	1 50	25 55	16 53	17 1	16 35	16 30			n.a.
W25	22 24	25 56	4 45	23 27	1 44	16 55	5 8	24 50	0 59	23 3	0 51	23 41	0 5	24 13	0 23	11 41	1 50	25 54	16 52	16 58	16 34	16 33			n.a.
T 26	22 15	23 5	5 1	23 5	1 42	17 5	5 4	24 50	1 0	23 1	0 51	23 42	0 5	24 13	0 23	11 41	1 50	25 53	16 52	16 55	16 33	16 35			n.a.
F 27	22 6	18 59	5 1	22 40	1 39	17 15	4 59	24 50	1 0	22 59	0 51	23 42	0 5	24 13	0 23	11 41	1 50	25 52	16 52	16 52	16 32	16 38			n.a.
S 28	21 57	13 54	4 45	22 15	1 36	17 26	4 55	24 49	1 1	22 57	0 52	23 42	0 5	24 13	0 23	11 41	1 50	25 51	16 51	16 49	16 31	16 41			n.a.
S 29	21 47	8 4	4 12	21 47	1 33	17 36	4 50	24 49	1 1	22 55	0 52	23 43	0 5	24 13	0 23	11 41	1 50	25 50	16 51	16 47	16 30	16 44			n.a.
M30	21 36	1 47	3 24	21 19	1 29	17 46	4 45	24 48	1 1	22 53	0 52	23 43	0 4	24 13	0 23	11 42	1 50	25 49	16 51	16 46	16 29	16 47			n.a.
T 31	21n26	4s39	2n24	20n49	1n25	17n57	4s40	24n47	1n 2	22n51	0n52	23n43	0s 4	24n13	0n23	11n42	1s50	25n48	16n50	16n45	16n28	16n50			n.a.

Julian Day Number = 1270155.5, Delta T = 08h17m56s
Ecliptic obliquity = 23°50'35, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'40, Lahiri = -21°00'39 Julian Calendar 1 July 1236 BCE == Greg. Calendar 20 June 1236 BCE

The year -1235 astronomical counting style corresponds to year 1236 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1236 BCE
geocentric

AUGUST 1236 BCE (-1235) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 52 53	26♋18'01	1♏15	6♌17	12♊31	5♋18	22♋20	26♊34	29♊21	5♉ 3	3♍56	15°D29	14♉29	15♉34	n.a.	W 1
T 2	19 56 50	27°16'25	15°25	8° 1	13°15	5°56	22°33	26°41	29°24	5° 4	3°58	15°R29	14°26	15°41	n.a.	T 2
F 3	20 0 46	28°14'51	29°41	9°43	14° 0	6°34	22°46	26°48	29°28	5° 4	4° 0	15♉29	14°23	15°48	n.a.	F 3
S 4	20 4 43	29°13'19	14♐ 1	11°25	14°46	7°12	22°59	26°55	29°31	5° 5	4° 2	15°26	14°19	15°54	n.a.	S 4
S 5	20 8 40	0♌11'49	28°21	13° 6	15°33	7°50	23°12	27° 2	29°34	5° 5	4° 4	15°21	14°16	16° 1	n.a.	S 5
M 6	20 12 36	1°10'21	12♑38	14°45	16°20	8°28	23°25	27° 9	29°38	5° 6	4° 6	15°13	14°13	16° 8	n.a.	M 6
T 7	20 16 33	2° 8'55	26°46	16°23	17° 9	9° 6	23°38	27°16	29°41	5° 6	4° 8	15° 2	14°10	16°14	n.a.	T 7
W 8	20 20 29	3° 7'30	10♒39	18° 1	17°58	9°44	23°51	27°23	29°44	5° 7	4°10	14°51	14° 7	16°21	n.a.	W 8
T 9	20 24 26	4° 6'08	24°14	19°37	18°48	10°22	24° 4	27°29	29°48	5° 7	4°12	14°39	14° 4	16°28	n.a.	T 9
F 10	20 28 22	5° 4'48	7♓27	21°12	19°39	11° 0	24°17	27°36	29°51	5° 8	4°14	14°28	14° 0	16°34	n.a.	F 10
S 11	20 32 19	6° 3'30	20°19	22°46	20°31	11°38	24°30	27°43	29°54	5° 8	4°16	14°19	13°57	16°41	n.a.	S 11
S 12	20 36 15	7° 2'14	2♈49	24°20	21°23	12°16	24°43	27°49	29°57	5° 8	4°19	14°12	13°54	16°47	n.a.	S 12
M13	20 40 12	8° 1'01	15° 2	25°52	22°16	12°53	24°56	27°56	0♋ 0	5° 8	4°21	14° 8	13°51	16°54	n.a.	M13
T 14	20 44 8	8°59'50	27° 2	27°23	23° 9	13°31	25° 9	28° 2	0° 3	5° 9	4°23	14° 6	13°48	17° 1	n.a.	T 14
W15	20 48 5	9°58'42	8♉53	28°53	24° 3	14° 9	25°22	28° 9	0° 6	5° 9	4°25	14° 6	13°45	17° 7	n.a.	W15
T 16	20 52 2	10°57'36	20°41	0♍22	24°58	14°47	25°35	28°15	0°10	5° 9	4°28	14° 6	13°41	17°14	n.a.	T 16
F 17	20 55 58	11°56'33	2♊31	1°50	25°54	15°25	25°48	28°21	0°13	5° 9	4°30	14° 5	13°38	17°21	n.a.	F 17
S 18	20 59 55	12°55'32	14°29	3°17	26°50	16° 3	26° 0	28°28	0°16	5° 9	4°32	14° 2	13°35	17°27	n.a.	S 18
S 19	21 3 51	13°54'33	26°40	4°43	27°46	16°41	26°13	28°34	0°18	5° 9	4°34	13°57	13°32	17°34	n.a.	S 19
M20	21 7 48	14°53'37	9♋ 6	6° 8	28°43	17°18	26°26	28°40	0°21	5°R 9	4°37	13°49	13°29	17°41	n.a.	M20
T 21	21 11 44	15°52'43	21°52	7°32	29°40	17°56	26°39	28°46	0°24	5° 9	4°39	13°39	13°25	17°47	n.a.	T 21
W22	21 15 41	16°51'51	4♌56	8°55	0♋38	18°34	26°51	28°52	0°27	5° 9	4°41	13°27	13°22	17°54	n.a.	W22
T 23	21 19 37	17°51'02	18°20	10°17	1°37	19°12	27° 4	28°58	0°30	5° 9	4°43	13°14	13°19	18° 1	n.a.	T 23
F 24	21 23 34	18°50'15	1♍59	11°37	2°36	19°50	27°17	29° 4	0°33	5° 9	4°46	13° 1	13°16	18° 7	n.a.	F 24
S 25	21 27 31	19°49'30	15°51	12°56	3°35	20°27	27°29	29°10	0°35	5° 9	4°48	12°51	13°13	18°14	n.a.	S 25
S 26	21 31 27	20°48'47	29°52	14°14	4°35	21° 5	27°42	29°16	0°38	5° 9	4°50	12°43	13°10	18°20	n.a.	S 26
M27	21 35 24	21°48'05	13♎58	15°31	5°35	21°43	27°54	29°21	0°41	5° 8	4°53	12°38	13° 6	18°27	n.a.	M27
T 28	21 39 20	22°47'26	28° 6	16°46	6°36	22°21	28° 7	29°27	0°43	5° 8	4°55	12°35	13° 3	18°34	n.a.	T 28
W29	21 43 17	23°46'49	12♏14	17°59	7°37	22°58	28°19	29°32	0°46	5° 8	4°58	12°D35	13° 0	18°40	n.a.	W29
T 30	21 47 13	24°46'14	26°20	19°11	8°38	23°36	28°32	29°38	0°49	5° 8	5° 0	12°R35	12°57	18°47	n.a.	T 30
F 31	21 51 10	25♌45'41	10♐25	20♍21	9♋40	24♋14	28♋44	29♊43	0♋51	5♉ 7	5♍ 2	12♉34	12♉54	18♉54	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	21n15	10s56	1n15	20n19	1n20	18n 8	4s35	24n46	1n 2	22n49	0n52	23n44	0s 4	24n13	0n23	11n42	1s50	25n47	16n50	16n45	16n27	16n52			n.a.
T 2	21 3	16 43	0 0	19 47	1 15	18 18	4 30	24 45	1 3	22 46	0 52	23 44	0 4	24 13	0 23	11 42	1 50	25 46	16 50	16 45	16 26	16 55			n.a.
F 3	20 52	21 38	1s15	19 14	1 10	18 29	4 25	24 43	1 3	22 44	0 52	23 44	0 4	24 13	0 23	11 42	1 50	25 45	16 49	16 45	16 25	16 58			n.a.
S 4	20 39	25 16	2 25	18 41	1 5	18 39	4 20	24 42	1 3	22 42	0 52	23 44	0 4	24 13	0 23	11 42	1 50	25 44	16 49	16 44	16 24	17 1			n.a.
S 5	20 27	27 16	3 26	18 6	0 59	18 49	4 15	24 40	1 4	22 40	0 52	23 45	0 4	24 13	0 23	11 43	1 50	25 43	16 49	16 43	16 23	17 4			n.a.
M 6	20 14	27 27	4 14	17 31	0 53	19 0	4 9	24 38	1 4	22 38	0 52	23 45	0 4	24 13	0 23	11 43	1 50	25 42	16 48	16 40	16 22	17 6			n.a.
T 7	20 1	25 50	4 46	16 56	0 47	19 10	4 4	24 36	1 5	22 36	0 52	23 45	0 4	24 13	0 23	11 43	1 50	25 40	16 48	16 37	16 22	17 9			n.a.
W 8	19 47	22 40	5 0	16 20	0 40	19 20	3 59	24 33	1 5	22 34	0 53	23 45	0 4	24 13	0 23	11 43	1 50	25 39	16 48	16 34	16 21	17 12			n.a.
T 9	19 33	18 19	4 57	15 43	0 34	19 30	3 53	24 31	1 5	22 31	0 53	23 46	0 4	24 13	0 23	11 43	1 50	25 38	16 48	16 30	16 20	17 15			n.a.
F 10	19 19	13 12	4 37	15 6	0 27	19 39	3 47	24 28	1 6	22 29	0 53	23 46	0 4	24 13	0 23	11 43	1 51	25 37	16 47	16 27	16 19	17 18			n.a.
S 11	19 4	7 38	4 4	14 28	0 20	19 49	3 42	24 25	1 6	22 27	0 53	23 46	0 3	24 13	0 23	11 43	1 51	25 36	16 47	16 24	16 18	17 20			n.a.
S 12	18 49	1 55	3 20	13 50	0 13	19 58	3 36	24 22	1 6	22 25	0 53	23 46	0 3	24 13	0 23	11 43	1 51	25 35	16 47	16 22	16 17	17 23			n.a.
M13	18 34	3n46	2 27	13 12	0 6	20 7	3 31	24 19	1 7	22 22	0 53	23 46	0 3	24 13	0 23	11 43	1 51	25 34	16 47	16 21	16 16	17 26			n.a.
T 14	18 19	9 12	1 29	12 34	0s 1	20 15	3 25	24 15	1 7	22 20	0 53	23 47	0 3	24 14	0 23	11 43	1 51	25 33	16 46	16 20	16 15	17 29			n.a.
W15	18 3	14 16	0 28	11 55	0 9	20 24	3 19	24 12	1 8	22 18	0 53	23 47	0 3	24 14	0 23	11 43	1 51	25 32	16 46	16 20	16 14	17 31			n.a.
T 16	17 46	18 47	0n35	11 17	0 16	20 32	3 13	24 8	1 8	22 15	0 53	23 47	0 3	24 14	0 23	11 43	1 51	25 31	16 46	16 20	16 13	17 34			n.a.
F 17	17 30	22 35	1 36	10 38	0 24	20 39	3 8	24 4	1 8	22 13	0 53	23 47	0 3	24 14	0 23	11 43	1 51	25 30	16 46	16 20	16 12	17 37			n.a.
S 18	17 13	25 28	2 33	9 59	0 31	20 46	3 2	24 0	1 9	22 11	0 54	23 47	0 3	24 14	0 23	11 43	1 51	25 29	16 46	16 19	16 11	17 40			n.a.
S 19	16 56	27 13	3 25	9 20	0 39	20 53	2 56	23 55	1 9	22 8	0 54	23 47	0 3	24 14	0 23	11 43	1 51	25 28	16 45	16 18	16 10	17 42			n.a.
M20	16 38	27 38	4 8	8 41	0 47	21 0	2 50	23 51	1 9	22 6	0 54	23 48	0 3	24 14	0 23	11 43	1 51	25 27	16 45	16 15	16 9	17 45			n.a.
T 21	16 21	26 37	4 39	8 3	0 54	21 6	2 44	23 46	1 10	22 4	0 54	23 48	0 3	24 14	0 23	11 43	1 51	25 26	16 45	16 12	16 8	17 48			n.a.
W22	16 3	24 9	4 57	7 24	1 2	21 12	2 39	23 41	1 10	22 1	0 54	23 48	0 2	24 14	0 23	11 43	1 51	25 25	16 45	16 8	16 7	17 51			n.a.
T 23	15 44	20 19	4 59	6 46	1 10	21 17	2 33	23 36	1 10	21 59	0 54	23 48	0 2	24 14	0 23	11 43	1 51	25 24	16 45	16 4	16 6	17 53			n.a.
F 24	15 26	15 21	4 44	6 8	1 17	21 22	2 27	23 31	1 11	21 57	0 54	23 48	0 2	24 14	0 23	11 43	1 51	25 23	16 45	16 1	16 5	17 56			n.a.
S 25	15 7	9 32	4 13	5 30	1 25	21 26	2 21	23 26	1 11	21 54	0 54	23 48	0 2	24 14	0 23	11 43	1 51	25 22	16 45	15 57	16 4	17 59			n.a.
S 26	14 48	3 11	3 25	4 53	1 33	21 30	2 16	23 20	1 11	21 52	0 55	23 48	0 2	24 14	0 23	11 42	1 51	25 20	16 44	15 55	16 3	18 2			n.a.
M27	14 29	3s23	2 25	4 16	1 40	21 34	2 10	23 14	1 12	21 49	0 55	23 48	0 2	24 14	0 23	11 42	1 52	25 19	16 44	15 53	16 2	18 4			n.a.
T 28	14 9	9 48	1 16	3 40	1 48	21 37	2 4	23 9	1 12	21 47	0 55	23 49	0 2	24 14	0 23	11 42	1 52	25 18	16 44	15 53	16 1	18 7			n.a.
W29	13 49	15 44	0 2	3 4	1 55	21 39	1 58	23 2	1 13	21 45	0 55	23 49	0 2	24 14	0 23	11 42	1 52	25 17	16 44	15 52	16 0	18 10			n.a.
T 30	13 29	20 50	1s12	2 29	2 2	21 41	1 53	22 56	1 13	21 42	0 55	23 49	0 2	24 14	0 23	11 42	1 52	25 16	16 44	15 52	15 59	18 12			n.a.
F 31	13n 9	24s43	2s22	1n54	2s 9	21n42	1s47	22n50	1n13	21n40	0n55	23n49	0s 2	24n14	0n23	11n42	1s52	25n15	16n44	15n52	15n58	18n15			n.a.

Julian Day Number = 1270186.5, Delta T = 08h17m54s
Ecliptic obliquity = 23°50'35, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'35, Lahiri = -21°00'35 Julian Calendar 1 Aug. 1236 BCE == Greg. Calendar 21 July 1236 BCE

The year -1235 astronomical counting style corresponds to year 1236 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1236 BCE
geocentric

SEPTEMBER 1236 BCE (-1235) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 55 6	26♌45'09	24♐26	21♍29	10♋42	24♋52	28♋56	29♊49	0♋54	5°R 7	5♍ 5	12°R31	12♉51	19♉ 0	n.a.	S 1
S 2	21 59 3	27°44'40	8♑23	22°36	11°45	25°29	29° 8	29°54	0°56	5♉ 6	5° 7	12♉26	12°47	19° 7	n.a.	S 2
M 3	22 2 59	28°44'12	22°13	23°40	12°47	26° 7	29°21	29°59	0°58	5° 6	5° 9	12°18	12°44	19°14	n.a.	M 3
T 4	22 6 56	29°43'46	5♒55	24°41	13°51	26°45	29°33	0♋ 4	1° 1	5° 6	5°12	12° 8	12°41	19°20	n.a.	T 4
W 5	22 10 53	0♍43'23	19°25	25°40	14°54	27°22	29°45	0° 9	1° 3	5° 5	5°14	11°56	12°38	19°27	n.a.	W 5
T 6	22 14 49	1°43'01	2♓40	26°36	15°58	28° 0	29°57	0°14	1° 5	5° 4	5°17	11°44	12°35	19°34	n.a.	T 6
F 7	22 18 46	2°42'42	15°39	27°29	17° 2	28°38	0♌ 9	0°19	1° 8	5° 4	5°19	11°33	12°31	19°40	n.a.	F 7
S 8	22 22 42	3°42'24	28°20	28°19	18° 6	29°15	0°21	0°24	1°10	5° 3	5°21	11°24	12°28	19°47	n.a.	S 8
S 9	22 26 39	4°42'09	10♈45	29° 4	19°11	29°53	0°33	0°29	1°12	5° 3	5°24	11°17	12°25	19°54	n.a.	S 9
M10	22 30 35	5°41'57	22°54	29°46	20°16	0♌31	0°45	0°34	1°14	5° 2	5°26	11°13	12°22	20° 0	n.a.	M10
T 11	22 34 32	6°41'46	4♉52	0♎23	21°22	1° 8	0°56	0°38	1°16	5° 1	5°29	11°11	12°19	20° 7	n.a.	T 11
W12	22 38 28	7°41'38	16°42	0°54	22°27	1°46	1° 8	0°43	1°18	5° 1	5°31	11°D11	12°16	20°13	n.a.	W12
T 13	22 42 25	8°41'32	28°30	1°20	23°33	2°23	1°20	0°47	1°20	5° 0	5°33	11°12	12°12	20°20	n.a.	T 13
F 14	22 46 21	9°41'29	10♊20	1°40	24°39	3° 1	1°31	0°51	1°22	4°59	5°36	11°R12	12° 9	20°27	n.a.	F 14
S 15	22 50 18	10°41'28	22°18	1°54	25°46	3°39	1°43	0°56	1°24	4°58	5°38	11°11	12° 6	20°33	n.a.	S 15
S 16	22 54 15	11°41'30	4♋29	2°R 0	26°52	4°16	1°54	1° 0	1°26	4°57	5°41	11° 9	12° 3	20°40	n.a.	S 16
M17	22 58 11	12°41'33	16°59	1°58	27°59	4°54	2° 6	1° 4	1°27	4°56	5°43	11° 3	12° 0	20°47	n.a.	M17
T 18	23 2 8	13°41'39	29°49	1°48	29° 6	5°31	2°17	1° 8	1°29	4°56	5°45	10°56	11°56	20°53	n.a.	T 18
W19	23 6 4	14°41'48	13♌ 4	1°28	0♌14	6° 9	2°28	1°12	1°31	4°55	5°48	10°47	11°53	21° 0	n.a.	W19
T 20	23 10 1	15°41'58	26°42	1° 0	1°21	6°46	2°39	1°15	1°32	4°54	5°50	10°38	11°50	21° 7	n.a.	T 20
F 21	23 13 57	16°42'10	10♍41	0°22	2°29	7°24	2°51	1°19	1°34	4°53	5°52	10°28	11°47	21°13	n.a.	F 21
S 22	23 17 54	17°42'24	24°58	29♍36	3°37	8° 1	3° 2	1°23	1°35	4°52	5°55	10°20	11°44	21°20	n.a.	S 22
S 23	23 21 50	18°42'41	9♎26	28°40	4°45	8°39	3°13	1°26	1°37	4°51	5°57	10°14	11°41	21°27	n.a.	S 23
M24	23 25 47	19°42'59	23°58	27°36	5°54	9°16	3°23	1°29	1°38	4°49	6° 0	10°11	11°37	21°33	n.a.	M24
T 25	23 29 44	20°43'18	8♏30	26°26	7° 2	9°54	3°34	1°33	1°40	4°48	6° 2	10°D10	11°34	21°40	n.a.	T 25
W26	23 33 40	21°43'40	22°56	25°11	8°11	10°31	3°45	1°36	1°41	4°47	6° 4	10°10	11°31	21°47	n.a.	W26
T 27	23 37 37	22°44'03	7♐13	23°53	9°20	11° 9	3°55	1°39	1°42	4°46	6° 7	10°11	11°28	21°53	n.a.	T 27
F 28	23 41 33	23°44'28	21°18	22°34	10°29	11°46	4° 6	1°42	1°43	4°45	6° 9	10°R12	11°25	22° 0	n.a.	F 28
S 29	23 45 30	24°44'54	5♑13	21°17	11°38	12°24	4°16	1°45	1°44	4°44	6°11	10°12	11°22	22° 6	n.a.	S 29
S 30	23 49 26	25♍45'22	18♑55	20♍ 5	12♌48	13♌ 1	4♌27	1♋48	1♋46	4♉42	6♍13	10♉ 9	11♉18	22♉13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n48	27s 6	3s22	1n21	2s16	21n43	1s42	22n43	1n14	21n37	0n55	23n49	0s 2	24n14	0n23	11n42	1s52	25n14	16n44	15n51	15n57	18n18		n.a.
S 2	12 28	27 44	4 11	0 48	2 23	21 43	1 36	22 37	1 14	21 35	0 55	23 49	0 1	24 14	0 23	11 41	1 52	25 13	16 44	15 50	15 56	18 20		n.a.
M 3	12 7	26 38	4 44	0 17	2 29	21 43	1 30	22 30	1 14	21 32	0 56	23 49	0 1	24 14	0 23	11 41	1 52	25 13	16 44	15 47	15 55	18 23		n.a.
T 4	11 45	23 57	5 0	0s14	2 36	21 42	1 25	22 23	1 15	21 30	0 56	23 49	0 1	24 14	0 23	11 41	1 52	25 12	16 44	15 44	15 54	18 26		n.a.
W 5	11 24	19 58	4 59	0 43	2 42	21 41	1 19	22 16	1 15	21 27	0 56	23 49	0 1	24 14	0 23	11 41	1 52	25 11	16 44	15 40	15 53	18 29		n.a.
T 6	11 3	15 4	4 42	1 11	2 47	21 39	1 14	22 8	1 15	21 25	0 56	23 49	0 1	24 14	0 23	11 41	1 52	25 10	16 44	15 37	15 52	18 31		n.a.
F 7	10 41	9 35	4 11	1 37	2 52	21 36	1 9	22 1	1 16	21 22	0 56	23 50	0 1	24 14	0 24	11 40	1 52	25 9	16 44	15 33	15 51	18 34		n.a.
S 8	10 19	3 50	3 27	2 1	2 57	21 33	1 3	21 53	1 16	21 20	0 56	23 50	0 1	24 14	0 24	11 40	1 52	25 8	16 44	15 30	15 50	18 37		n.a.
S 9	9 57	1n57	2 35	2 23	3 2	21 29	0 58	21 46	1 16	21 18	0 57	23 50	0 1	24 14	0 24	11 40	1 52	25 7	16 44	15 28	15 49	18 39		n.a.
M10	9 35	7 34	1 36	2 44	3 5	21 25	0 53	21 38	1 17	21 15	0 57	23 50	0 1	24 14	0 24	11 39	1 52	25 6	16 44	15 27	15 48	18 42		n.a.
T 11	9 12	12 50	0 34	3 1	3 8	21 20	0 48	21 30	1 17	21 13	0 57	23 50	0 1	24 14	0 24	11 39	1 52	25 5	16 44	15 26	15 47	18 45		n.a.
W12	8 50	17 35	0n30	3 16	3 11	21 14	0 42	21 21	1 17	21 10	0 57	23 50	0 1	24 14	0 24	11 39	1 52	25 4	16 44	15 26	15 46	18 47		n.a.
T 13	8 27	21 39	1 31	3 28	3 12	21 8	0 37	21 13	1 18	21 8	0 57	23 50	0 0	24 14	0 24	11 39	1 52	25 3	16 44	15 26	15 45	18 50		n.a.
F 14	8 4	24 50	2 29	3 37	3 13	21 1	0 32	21 5	1 18	21 5	0 57	23 50	0 0	24 14	0 24	11 38	1 52	25 2	16 44	15 27	15 44	18 53		n.a.
S 15	7 41	26 58	3 22	3 42	3 12	20 54	0 27	20 56	1 18	21 3	0 57	23 50	0 0	24 14	0 24	11 38	1 53	25 1	16 44	15 26	15 43	18 55		n.a.
S 16	7 18	27 52	4 6	3 43	3 11	20 46	0 22	20 47	1 19	21 0	0 58	23 50	0 0	24 14	0 24	11 38	1 53	25 0	16 44	15 25	15 42	18 58		n.a.
M17	6 54	27 22	4 39	3 40	3 8	20 38	0 18	20 38	1 19	20 58	0 58	23 50	0 0	24 14	0 24	11 37	1 53	25 0	16 44	15 24	15 41	19 1		n.a.
T 18	6 31	25 24	5 0	3 31	3 4	20 28	0 13	20 29	1 19	20 55	0 58	23 50	0n 0	24 14	0 24	11 37	1 53	24 59	16 44	15 22	15 41	19 3		n.a.
W19	6 7	22 2	5 5	3 18	2 58	20 19	0 8	20 20	1 20	20 53	0 58	23 50	0 0	24 14	0 24	11 37	1 53	24 58	16 44	15 19	15 40	19 6		n.a.
T 20	5 44	17 25	4 54	3 0	2 50	20 8	0 4	20 11	1 20	20 51	0 58	23 50	0 0	24 14	0 24	11 36	1 53	24 57	16 44	15 16	15 39	19 8		n.a.
F 21	5 20	11 45	4 25	2 36	2 41	19 57	0n 1	20 1	1 20	20 48	0 59	23 51	0 0	24 14	0 24	11 36	1 53	24 56	16 44	15 13	15 38	19 11		n.a.
S 22	4 56	5 22	3 38	2 7	2 30	19 46	0 5	19 52	1 21	20 46	0 59	23 51	0 0	24 14	0 24	11 35	1 53	24 55	16 44	15 10	15 37	19 14		n.a.
S 23	4 32	1s23	2 38	1 33	2 17	19 33	0 10	19 42	1 21	20 43	0 59	23 51	0 1	24 14	0 24	11 35	1 53	24 55	16 44	15 8	15 36	19 16		n.a.
M24	4 8	8 7	1 26	0 53	2 2	19 21	0 14	19 32	1 21	20 41	0 59	23 51	0 1	24 14	0 24	11 35	1 53	24 54	16 45	15 7	15 35	19 19		n.a.
T 25	3 44	14 26	0 9	0 10	1 45	19 7	0 18	19 22	1 22	20 39	0 59	23 51	0 1	24 14	0 24	11 34	1 53	24 53	16 45	15 7	15 34	19 22		n.a.
W26	3 20	19 55	1s 8	0n37	1 27	18 53	0 23	19 12	1 22	20 36	0 59	23 51	0 1	24 14	0 24	11 34	1 53	24 52	16 45	15 7	15 33	19 24		n.a.
T 27	2 56	24 12	2 21	1 27	1 7	18 39	0 27	19 2	1 22	20 34	1 0	23 51	0 1	24 14	0 24	11 33	1 53	24 52	16 45	15 7	15 32	19 27		n.a.
F 28	2 32	26 56	3 24	2 17	0 47	18 24	0 31	18 52	1 22	20 31	1 0	23 51	0 1	24 14	0 24	11 33	1 53	24 51	16 45	15 8	15 31	19 29		n.a.
S 29	2 7	27 58	4 14	3 7	0 26	18 8	0 35	18 41	1 23	20 29	1 0	23 51	0 1	24 14	0 24	11 33	1 53	24 50	16 45	15 7	15 30	19 32		n.a.
S 30	1n43	27s14	4s48	3n54	0s 6	17n52	0n39	18n31	1n23	20n27	1n 0	23n51	0n 1	24n14	0n24	11n32	1s53	24n49	16n46	15n 7	15n29	19n34		n.a.

Julian Day Number = 1270217.5, Delta T = 08h17m53s
Ecliptic obliquity = 23°50'36, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'31, Lahiri = -21°00'31 Julian Calendar 1 Sept. 1236 BCE == Greg. Calendar 21 Aug. 1236 BCE

The year -1235 astronomical counting style corresponds to year 1236 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1236 BCE
geocentric

OCTOBER 1236 BCE (-1235) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 53 23	26♍45'51	2♒24	18°R59	13♌58	13♌39	4♌37	1♋50	1♋47	4°R41	6♍16	10°R 5	11♉15	22♉20	n.a.	M 1
T 2	23 57 19	27°46'22	15°42	18♍ 2	15° 7	14°16	4°47	1°53	1°48	4♉40	6°18	9♉59	11°12	22°26	n.a.	T 2
W 3	0 1 16	28°46'54	28°47	17°15	16°17	14°53	4°57	1°55	1°49	4°39	6°20	9°52	11° 9	22°33	n.a.	W 3
T 4	0 5 13	29°47'27	11♓39	16°40	17°27	15°31	5° 7	1°58	1°49	4°37	6°23	9°44	11° 6	22°40	n.a.	T 4
F 5	0 9 9	0♎48'03	24°18	16°16	18°38	16° 8	5°17	2° 0	1°50	4°36	6°25	9°37	11° 2	22°46	n.a.	F 5
S 6	0 13 6	1°48'39	6♈44	16° 3	19°48	16°45	5°27	2° 2	1°51	4°35	6°27	9°32	10°59	22°53	n.a.	S 6
S 7	0 17 2	2°49'18	18°58	16°D 2	20°59	17°23	5°36	2° 4	1°52	4°33	6°29	9°28	10°56	23° 0	n.a.	S 7
M 8	0 20 59	3°49'58	1♉ 1	16°12	22° 9	18° 0	5°46	2° 6	1°52	4°32	6°31	9°26	10°53	23° 6	n.a.	M 8
T 9	0 24 55	4°50'40	12°56	16°32	23°20	18°37	5°55	2° 8	1°53	4°30	6°34	9°D25	10°50	23°13	n.a.	T 9
W10	0 28 52	5°51'24	24°44	17° 2	24°31	19°15	6° 5	2°10	1°53	4°29	6°36	9°26	10°47	23°20	n.a.	W10
T 11	0 32 48	6°52'09	6♊31	17°40	25°42	19°52	6°14	2°12	1°54	4°28	6°38	9°28	10°43	23°26	n.a.	T 11
F 12	0 36 45	7°52'57	18°20	18°26	26°54	20°29	6°23	2°13	1°54	4°26	6°40	9°30	10°40	23°33	n.a.	F 12
S 13	0 40 41	8°53'46	0♋17	19°18	28° 5	21° 6	6°32	2°14	1°55	4°25	6°42	9°31	10°37	23°40	n.a.	S 13
S 14	0 44 38	9°54'36	12°26	20°16	29°17	21°44	6°41	2°16	1°55	4°23	6°44	9°R32	10°34	23°46	n.a.	S 14
M15	0 48 35	10°55'29	24°52	21°19	0♍28	22°21	6°50	2°17	1°55	4°22	6°46	9°31	10°31	23°53	n.a.	M15
T 16	0 52 31	11°56'22	7♌40	22°27	1°40	22°58	6°59	2°18	1°56	4°20	6°48	9°28	10°28	24° 0	n.a.	T 16
W17	0 56 28	12°57'18	20°53	23°38	2°52	23°35	7° 7	2°19	1°56	4°18	6°51	9°25	10°24	24° 6	n.a.	W17
T 18	1 0 24	13°58'15	4♍33	24°53	4° 4	24°12	7°16	2°20	1°56	4°17	6°53	9°21	10°21	24°13	n.a.	T 18
F 19	1 4 21	14°59'13	18°39	26°11	5°16	24°50	7°24	2°21	1°R56	4°15	6°55	9°17	10°18	24°19	n.a.	F 19
S 20	1 8 17	16° 0'13	3♎ 9	27°31	6°28	25°27	7°32	2°21	1°56	4°14	6°57	9°14	10°15	24°26	n.a.	S 20
S 21	1 12 14	17° 1'14	17°55	28°53	7°40	26° 4	7°40	2°22	1°56	4°12	6°59	9°12	10°12	24°33	n.a.	S 21
M22	1 16 10	18° 2'17	2♏51	0♎16	8°53	26°41	7°48	2°22	1°56	4°10	7° 0	9°D11	10° 8	24°39	n.a.	M22
T 23	1 20 7	19° 3'20	17°49	1°42	10° 5	27°18	7°56	2°22	1°55	4° 9	7° 2	9°11	10° 5	24°46	n.a.	T 23
W24	1 24 4	20° 4'24	2♐40	3° 8	11°18	27°55	8° 3	2°23	1°55	4° 7	7° 4	9°12	10° 2	24°53	n.a.	W24
T 25	1 28 0	21° 5'30	17°19	4°36	12°31	28°32	8°11	2°R23	1°55	4° 6	7° 6	9°13	9°59	24°59	n.a.	T 25
F 26	1 31 57	22° 6'36	1♑39	6° 4	13°43	29° 9	8°18	2°23	1°54	4° 4	7° 8	9°14	9°56	25° 6	n.a.	F 26
S 27	1 35 53	23° 7'43	15°40	7°33	14°56	29°46	8°25	2°22	1°54	4° 2	7°10	9°15	9°53	25°13	n.a.	S 27
S 28	1 39 50	24° 8'50	29°21	9° 3	16° 9	0♍23	8°33	2°22	1°54	4° 1	7°12	9°R15	9°49	25°19	n.a.	S 28
M29	1 43 46	25° 9'58	12♒41	10°33	17°22	1° 0	8°39	2°22	1°53	3°59	7°13	9°14	9°46	25°26	n.a.	M29
T 30	1 47 43	26°11'06	25°44	12° 3	18°35	1°37	8°46	2°21	1°52	3°57	7°15	9°13	9°43	25°33	n.a.	T 30
W31	1 51 40	27♎12'15	8♓31	13♎35	19♍48	2♍14	8♌53	2♋21	1♋52	3♉56	7♍17	9♉11	9♉40	25♉39	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n18	24s55	5s 6	4n39	0n14	17n35	0n42	18n20	1n23	20n25	1n 0	23n51	0n 1	24n14	0n24	11n32	1s53	24n49	16n46	15n 5	15n28	19n37			n.a.
T 2	0 54	21 17	5 8	5 19	0 34	17 18	0 46	18 10	1 24	20 22	1 1	23 51	0 1	24 14	0 24	11 31	1 53	24 48	16 46	15 3	15 27	19 40			n.a.
W 3	0 30	16 39	4 53	5 54	0 51	17 0	0 50	17 59	1 24	20 20	1 1	23 51	0 2	24 14	0 24	11 31	1 53	24 47	16 46	15 1	15 26	19 42			n.a.
T 4	0 5	11 21	4 23	6 23	1 8	16 42	0 53	17 48	1 24	20 18	1 1	23 51	0 2	24 14	0 24	11 30	1 53	24 47	16 46	14 59	15 25	19 45			n.a.
F 5	0s19	5 40	3 41	6 46	1 22	16 23	0 56	17 37	1 25	20 15	1 1	23 51	0 2	24 14	0 24	11 30	1 53	24 46	16 47	14 56	15 24	19 47			n.a.
S 6	0 44	0n 9	2 49	7 3	1 35	16 4	1 0	17 26	1 25	20 13	1 2	23 51	0 2	24 14	0 24	11 29	1 53	24 45	16 47	14 54	15 23	19 50			n.a.
S 7	1 8	5 52	1 49	7 14	1 46	15 44	1 3	17 14	1 25	20 11	1 2	23 52	0 2	24 14	0 24	11 29	1 53	24 45	16 47	14 53	15 22	19 52			n.a.
M 8	1 33	11 19	0 46	7 18	1 56	15 24	1 6	17 3	1 26	20 9	1 2	23 52	0 2	24 14	0 24	11 28	1 53	24 44	16 47	14 53	15 21	19 55			n.a.
T 9	1 57	16 17	0n19	7 17	2 3	15 3	1 9	16 51	1 26	20 7	1 2	23 52	0 2	24 14	0 24	11 28	1 53	24 43	16 48	14 52	15 19	19 58			n.a.
W10	2 22	20 37	1 23	7 11	2 9	14 42	1 12	16 40	1 26	20 4	1 2	23 52	0 2	24 14	0 25	11 27	1 53	24 43	16 48	14 53	15 18	20 0			n.a.
T 11	2 46	24 7	2 23	7 0	2 14	14 20	1 15	16 28	1 26	20 2	1 3	23 52	0 2	24 14	0 25	11 27	1 53	24 42	16 48	14 53	15 17	20 3			n.a.
F 12	3 11	26 36	3 17	6 45	2 17	13 58	1 18	16 16	1 27	20 0	1 3	23 52	0 2	24 14	0 25	11 26	1 53	24 42	16 49	14 54	15 16	20 5			n.a.
S 13	3 35	27 54	4 4	6 26	2 19	13 36	1 20	16 4	1 27	19 58	1 3	23 52	0 3	24 14	0 25	11 26	1 54	24 41	16 49	14 54	15 15	20 8			n.a.
S 14	3 59	27 54	4 40	6 4	2 20	13 13	1 23	15 52	1 27	19 56	1 3	23 52	0 3	24 14	0 25	11 25	1 54	24 41	16 49	14 54	15 14	20 10			n.a.
M15	4 24	26 30	5 4	5 38	2 20	12 49	1 25	15 40	1 28	19 54	1 4	23 52	0 3	24 14	0 25	11 25	1 54	24 40	16 49	14 54	15 13	20 13			n.a.
T 16	4 48	23 42	5 14	5 10	2 19	12 25	1 28	15 28	1 28	19 52	1 4	23 52	0 3	24 14	0 25	11 24	1 54	24 39	16 50	14 53	15 12	20 15			n.a.
W17	5 12	19 37	5 8	4 40	2 17	12 1	1 30	15 16	1 28	19 50	1 4	23 52	0 3	24 14	0 25	11 23	1 54	24 39	16 50	14 52	15 11	20 18			n.a.
T 18	5 36	14 24	4 45	4 7	2 15	11 37	1 32	15 4	1 28	19 48	1 4	23 52	0 3	24 15	0 25	11 23	1 54	24 38	16 50	14 51	15 10	20 20			n.a.
F 19	6 0	8 17	4 3	3 33	2 12	11 12	1 34	14 51	1 29	19 46	1 4	23 53	0 3	24 15	0 25	11 22	1 54	24 38	16 51	14 50	15 9	20 23			n.a.
S 20	6 24	1 34	3 6	2 58	2 8	10 47	1 36	14 39	1 29	19 44	1 5	23 53	0 3	24 15	0 25	11 22	1 54	24 38	16 51	14 49	15 8	20 25			n.a.
S 21	6 48	5s23	1 55	2 21	2 4	10 21	1 38	14 26	1 29	19 42	1 5	23 53	0 3	24 15	0 25	11 21	1 54	24 37	16 52	14 48	15 7	20 28			n.a.
M22	7 11	12 7	0 35	1 43	1 59	9 55	1 40	14 14	1 30	19 41	1 5	23 53	0 4	24 15	0 25	11 21	1 54	24 37	16 52	14 48	15 6	20 30			n.a.
T 23	7 35	18 11	0s48	1 4	1 55	9 29	1 42	14 1	1 30	19 39	1 5	23 53	0 4	24 15	0 25	11 20	1 54	24 36	16 52	14 48	15 5	20 33			n.a.
W24	7 59	23 7	2 6	0 24	1 49	9 2	1 43	13 48	1 30	19 37	1 6	23 53	0 4	24 15	0 25	11 20	1 54	24 36	16 53	14 48	15 4	20 35			n.a.
T 25	8 22	26 28	3 16	0s16	1 44	8 35	1 45	13 35	1 30	19 35	1 6	23 53	0 4	24 15	0 25	11 19	1 54	24 36	16 53	14 48	15 3	20 38			n.a.
F 26	8 45	28 1	4 11	0 57	1 38	8 8	1 46	13 22	1 31	19 34	1 6	23 53	0 4	24 15	0 25	11 18	1 54	24 35	16 53	14 49	15 2	20 40			n.a.
S 27	9 8	27 43	4 50	1 38	1 32	7 41	1 48	13 9	1 31	19 32	1 6	23 53	0 4	24 15	0 25	11 18	1 54	24 35	16 54	14 49	15 1	20 43			n.a.
S 28	9 31	25 43	5 12	2 20	1 26	7 13	1 49	12 56	1 31	19 30	1 7	23 53	0 4	24 15	0 25	11 17	1 54	24 34	16 54	14 49	15 0	20 45			n.a.
M29	9 54	22 19	5 16	3 2	1 19	6 45	1 50	12 43	1 31	19 29	1 7	23 54	0 4	24 15	0 25	11 17	1 54	24 34	16 55	14 49	14 59	20 48			n.a.
T 30	10 17	17 54	5 4	3 44	1 13	6 17	1 51	12 30	1 32	19 27	1 7	23 54	0 4	24 15	0 25	11 16	1 54	24 34	16 55	14 49	14 58	20 50			n.a.
W31	10s39	12s46	4s36	4s26	1n 6	5n49	1n52	12n17	1n32	19n26	1n 8	23n54	0n 5	24n15	0n25	11n16	1s54	24n34	16n56	14n48	14n57	20n53			n.a.

Julian Day Number = 1270247.5, Delta T = 08h17m51s
Ecliptic obliquity = 23°50'36, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'27, Lahiri = -21°00'27 Julian Calendar 1 Oct. 1236 BCE == Greg. Calendar 20 Sept. 1236 BCE

The year -1235 astronomical counting style corresponds to year 1236 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1236 BCE
geocentric

NOVEMBER 1236 BCE (-1235) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 55 36	28♎13'25	21♓ 3	15♎ 6	21♍ 1	2♍51	8♌59	2°R20	1°R51	3°R54	7♍19	9°R10	9♉37	25♉46	n.a.	T 1
F 2	1 59 33	29°14'35	3♈24	16°37	22°14	3°28	9° 6	2♋19	1♋50	3♉52	7°20	9♉ 8	9°33	25°53	n.a.	F 2
S 3	2 3 29	0♏15'46	15°34	18° 9	23°28	4° 4	9°12	2°18	1°50	3°50	7°22	9° 7	9°30	25°59	n.a.	S 3
S 4	2 7 26	1°16'57	27°36	19°41	24°41	4°41	9°18	2°17	1°49	3°49	7°24	9° 6	9°27	26° 6	n.a.	S 4
M 5	2 11 22	2°18'09	9♉31	21°14	25°54	5°18	9°24	2°16	1°48	3°47	7°25	9°D 6	9°24	26°13	n.a.	M 5
T 6	2 15 19	3°19'22	21°21	22°46	27° 8	5°55	9°30	2°15	1°47	3°45	7°27	9° 6	9°21	26°19	n.a.	T 6
W 7	2 19 15	4°20'36	3♊ 9	24°19	28°21	6°31	9°35	2°13	1°46	3°44	7°28	9° 7	9°18	26°26	n.a.	W 7
T 8	2 23 12	5°21'50	14°57	25°51	29°35	7° 8	9°41	2°12	1°45	3°42	7°30	9° 7	9°14	26°32	n.a.	T 8
F 9	2 27 9	6°23'05	26°48	27°24	0♎49	7°45	9°46	2°10	1°44	3°40	7°31	9° 8	9°11	26°39	n.a.	F 9
S 10	2 31 5	7°24'20	8♋46	28°57	2° 2	8°22	9°51	2° 8	1°43	3°38	7°33	9° 8	9° 8	26°46	n.a.	S 10
S 11	2 35 2	8°25'37	20°54	0♏30	3°16	8°58	9°56	2° 7	1°41	3°37	7°34	9° 8	9° 5	26°52	n.a.	S 11
M12	2 38 58	9°26'53	3♌17	2° 4	4°30	9°35	10° 1	2° 5	1°40	3°35	7°36	9° 8	9° 2	26°59	n.a.	M12
T 13	2 42 55	10°28'11	15°59	3°37	5°44	10°11	10° 5	2° 3	1°39	3°33	7°37	9° 8	8°59	27° 6	n.a.	T 13
W14	2 46 51	11°29'29	29° 4	5°11	6°58	10°48	10°10	2° 1	1°37	3°32	7°38	9° 8	8°55	27°12	n.a.	W14
T 15	2 50 48	12°30'47	12♍34	6°45	8°12	11°24	10°14	1°58	1°36	3°30	7°40	9° 8	8°52	27°19	n.a.	T 15
F 16	2 54 44	13°32'06	26°32	8°19	9°26	12° 1	10°18	1°56	1°35	3°28	7°41	9° 9	8°49	27°26	n.a.	F 16
S 17	2 58 41	14°33'25	10♎57	9°54	10°40	12°37	10°22	1°54	1°33	3°27	7°42	9° 9	8°46	27°32	n.a.	S 17
S 18	3 2 38	15°34'45	25°45	11°28	11°54	13°14	10°26	1°51	1°32	3°25	7°43	9°10	8°43	27°39	n.a.	S 18
M19	3 6 34	16°36'05	10♏50	13° 3	13° 8	13°50	10°29	1°48	1°30	3°23	7°45	9°R10	8°39	27°46	n.a.	M19
T 20	3 10 31	17°37'25	26° 3	14°38	14°22	14°27	10°33	1°46	1°28	3°22	7°46	9°10	8°36	27°52	n.a.	T 20
W21	3 14 27	18°38'45	11♐14	16°13	15°36	15° 3	10°36	1°43	1°27	3°20	7°47	9° 9	8°33	27°59	n.a.	W21
T 22	3 18 24	19°40'05	26°15	17°49	16°50	15°39	10°39	1°40	1°25	3°18	7°48	9° 8	8°30	28° 6	n.a.	T 22
F 23	3 22 20	20°41'25	10♑56	19°25	18° 5	16°16	10°42	1°37	1°23	3°17	7°49	9° 6	8°27	28°12	n.a.	F 23
S 24	3 26 17	21°42'44	25°13	21° 2	19°19	16°52	10°44	1°34	1°21	3°15	7°50	9° 5	8°24	28°19	n.a.	S 24
S 25	3 30 14	22°44'03	9♒ 3	22°38	20°33	17°28	10°47	1°31	1°20	3°14	7°51	9° 4	8°20	28°26	n.a.	S 25
M26	3 34 10	23°45'21	22°27	24°15	21°47	18° 4	10°49	1°27	1°18	3°12	7°52	9°D 3	8°17	28°32	n.a.	M26
T 27	3 38 7	24°46'38	5♓27	25°53	23° 2	18°40	10°51	1°24	1°16	3°10	7°53	9° 4	8°14	28°39	n.a.	T 27
W28	3 42 3	25°47'55	18° 6	27°30	24°16	19°16	10°53	1°21	1°14	3° 9	7°54	9° 5	8°11	28°46	n.a.	W28
T 29	3 46 0	26°49'12	0♈27	29° 8	25°30	19°52	10°55	1°17	1°12	3° 7	7°55	9° 6	8° 8	28°52	n.a.	T 29
F 30	3 49 56	27♏50'28	12♈36	0♐47	26♎45	20♍28	10♌56	1♋13	1♋10	3♉ 6	7♍55	9♉ 8	8♉ 5	28♉59	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 1	7s13	3s56	5s 8	1n 0	5n20	1n53	12n 4	1n32	19n24	1n 8	23n54	0n 5	24n15	0n25	11n15	1s54	24n33	16n56	14n47	14n56	20n55		n.a.
F 2	11 23	1 27	3 6	5 50	0 53	4 52	1 53	11 50	1 32	19 23	1 8	23 54	0 5	24 15	0 25	11 14	1 54	24 33	16 56	14 47	14 55	20 57		n.a.
S 3	11 45	4n17	2 7	6 32	0 46	4 23	1 54	11 37	1 33	19 21	1 8	23 54	0 5	24 15	0 25	11 14	1 54	24 33	16 57	14 47	14 54	21 0		n.a.
S 4	12 7	9 48	1 4	7 13	0 39	3 54	1 54	11 23	1 33	19 20	1 9	23 54	0 5	24 15	0 25	11 13	1 54	24 33	16 57	14 46	14 53	21 2		n.a.
M 5	12 29	14 56	0n 2	7 55	0 32	3 24	1 55	11 10	1 33	19 18	1 9	23 54	0 5	24 15	0 25	11 13	1 54	24 32	16 58	14 46	14 52	21 5		n.a.
T 6	12 50	19 29	1 8	8 36	0 26	2 55	1 55	10 56	1 33	19 17	1 9	23 55	0 5	24 15	0 25	11 12	1 54	24 32	16 58	14 46	14 51	21 7		n.a.
W 7	13 11	23 16	2 10	9 17	0 19	2 25	1 55	10 43	1 34	19 16	1 9	23 55	0 5	24 15	0 25	11 11	1 54	24 32	16 59	14 46	14 50	21 10		n.a.
T 8	13 32	26 4	3 6	9 58	0 12	1 56	1 56	10 29	1 34	19 15	1 10	23 55	0 5	24 15	0 25	11 11	1 54	24 32	16 59	14 47	14 49	21 12		n.a.
F 9	13 52	27 44	3 55	10 38	0 5	1 26	1 56	10 15	1 34	19 14	1 10	23 55	0 6	24 15	0 25	11 10	1 54	24 32	17 0	14 47	14 48	21 14		n.a.
S 10	14 13	28 7	4 35	11 18	0s 1	0 56	1 56	10 2	1 34	19 12	1 10	23 55	0 6	24 15	0 25	11 10	1 54	24 32	17 0	14 47	14 47	21 17		n.a.
S 11	14 33	27 10	5 2	11 58	0 8	0 26	1 56	9 48	1 35	19 11	1 11	23 55	0 6	24 15	0 26	11 9	1 54	24 31	17 1	14 47	14 46	21 19		n.a.
M12	14 53	24 52	5 16	12 37	0 15	0s 3	1 55	9 34	1 35	19 10	1 11	23 55	0 6	24 15	0 26	11 9	1 54	24 31	17 1	14 47	14 45	21 22		n.a.
T 13	15 13	21 19	5 16	13 16	0 21	0 33	1 55	9 20	1 35	19 9	1 11	23 56	0 6	24 16	0 26	11 8	1 54	24 31	17 2	14 47	14 44	21 24		n.a.
W14	15 32	16 39	4 59	13 54	0 27	1 3	1 55	9 6	1 35	19 8	1 11	23 56	0 6	24 16	0 26	11 7	1 54	24 31	17 2	14 47	14 43	21 26		n.a.
T 15	15 51	11 2	4 26	14 32	0 34	1 33	1 54	8 52	1 36	19 8	1 12	23 56	0 6	24 16	0 26	11 7	1 54	24 31	17 3	14 47	14 42	21 29		n.a.
F 16	16 10	4 41	3 36	15 9	0 40	2 4	1 54	8 38	1 36	19 7	1 12	23 56	0 6	24 16	0 26	11 6	1 54	24 31	17 3	14 47	14 41	21 31		n.a.
S 17	16 29	2s 6	2 31	15 45	0 46	2 34	1 53	8 24	1 36	19 6	1 12	23 56	0 6	24 16	0 26	11 6	1 54	24 31	17 4	14 47	14 40	21 33		n.a.
S 18	16 47	8 58	1 14	16 21	0 52	3 4	1 52	8 10	1 36	19 5	1 13	23 56	0 7	24 16	0 26	11 5	1 54	24 31	17 4	14 47	14 39	21 36		n.a.
M19	17 5	15 28	0s 9	16 56	0 58	3 34	1 52	7 56	1 36	19 4	1 13	23 57	0 7	24 16	0 26	11 5	1 54	24 31	17 5	14 47	14 38	21 38		n.a.
T 20	17 22	21 5	1 32	17 30	1 3	4 4	1 51	7 42	1 37	19 4	1 13	23 57	0 7	24 16	0 26	11 4	1 54	24 31	17 5	14 47	14 37	21 41		n.a.
W21	17 40	25 18	2 49	18 4	1 9	4 33	1 50	7 28	1 37	19 3	1 14	23 57	0 7	24 16	0 26	11 4	1 53	24 31	17 6	14 47	14 36	21 43		n.a.
T 22	17 57	27 40	3 53	18 37	1 14	5 3	1 49	7 14	1 37	19 3	1 14	23 57	0 7	24 16	0 26	11 3	1 53	24 31	17 7	14 47	14 34	21 45		n.a.
F 23	18 14	28 2	4 40	19 9	1 19	5 33	1 48	7 0	1 37	19 2	1 14	23 57	0 7	24 16	0 26	11 2	1 53	24 31	17 7	14 46	14 33	21 48		n.a.
S 24	18 30	26 29	5 8	19 40	1 24	6 3	1 47	6 46	1 37	19 2	1 14	23 57	0 7	24 16	0 26	11 2	1 53	24 32	17 8	14 46	14 32	21 50		n.a.
S 25	18 46	23 23	5 17	20 10	1 29	6 32	1 45	6 32	1 38	19 1	1 15	23 57	0 7	24 16	0 26	11 1	1 53	24 32	17 8	14 46	14 31	21 52		n.a.
M26	19 2	19 6	5 8	20 39	1 33	7 2	1 44	6 17	1 38	19 1	1 15	23 58	0 7	24 16	0 26	11 1	1 53	24 32	17 9	14 45	14 30	21 55		n.a.
T 27	19 17	14 3	4 44	21 8	1 37	7 31	1 43	6 3	1 38	19 1	1 15	23 58	0 8	24 16	0 26	11 0	1 53	24 32	17 9	14 45	14 29	21 57		n.a.
W28	19 32	8 33	4 7	21 35	1 41	8 0	1 41	5 49	1 38	19 0	1 16	23 58	0 8	24 16	0 26	11 0	1 53	24 32	17 10	14 46	14 28	21 59		n.a.
T 29	19 46	2 50	3 18	22 1	1 45	8 29	1 40	5 35	1 38	19 0	1 16	23 58	0 8	24 16	0 26	10 59	1 53	24 32	17 10	14 46	14 27	22 1		n.a.
F 30	20s 1	2n53	2s22	22s26	1s48	8s58	1n38	5n21	1n39	19n 0	1n16	23n58	0n 8	24n16	0n26	10n59	1s53	24n33	17n11	14n47	14n26	22n 4		n.a.

Julian Day Number = 1270278.5, Delta T = 08h17m49s
Ecliptic obliquity = 23°50'36, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'23, Lahiri = -21°00'22 Julian Calendar 1 Nov. 1236 BCE == Greg. Calendar 21 Oct. 1236 BCE

The year -1235 astronomical counting style corresponds to year 1236 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1236 BCE
geocentric

DECEMBER 1236 BCE (-1235) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 53 53	28♏51'43	24♈34	2♐26	27♎59	21♍ 4	10♌58	1°R10	1°R 8	3°R 4	7♍56	9♉ 9	8♉ 1	29♉ 6	n.a.	S 1
S 2	3 57 49	29°52'58	6♉27	4° 5	29°14	21°40	10°59	1♋ 6	1♋ 6	3♉ 3	7°57	9°R10	7°58	29°12	n.a.	S 2
M 3	4 1 46	0♐54'12	18°16	5°45	0♏28	22°16	11° 0	1° 2	1° 4	3° 1	7°58	9° 9	7°55	29°19	n.a.	M 3
T 4	4 5 43	1°55'25	0♊ 4	7°25	1°42	22°52	11° 0	0°58	1° 1	3° 0	7°58	9° 8	7°52	29°25	n.a.	T 4
W 5	4 9 39	2°56'38	11°53	9° 5	2°57	23°27	11° 1	0°54	0°59	2°58	7°59	9° 5	7°49	29°32	n.a.	W 5
T 6	4 13 36	3°57'51	23°45	10°46	4°11	24° 3	11° 1	0°50	0°57	2°57	8° 0	9° 1	7°45	29°39	n.a.	T 6
F 7	4 17 32	4°59'03	5♋42	12°27	5°26	24°39	11°R 2	0°46	0°55	2°56	8° 0	8°57	7°42	29°45	n.a.	F 7
S 8	4 21 29	6° 0'14	17°47	14° 9	6°40	25°14	11° 2	0°42	0°52	2°54	8° 1	8°52	7°39	29°52	n.a.	S 8
S 9	4 25 25	7° 1'25	0♌ 0	15°51	7°55	25°50	11° 1	0°38	0°50	2°53	8° 1	8°47	7°36	29°59	n.a.	S 9
M10	4 29 22	8° 2'35	12°26	17°32	9° 9	26°26	11° 1	0°34	0°48	2°52	8° 2	8°44	7°33	0♊ 5	n.a.	M10
T 11	4 33 19	9° 3'45	25° 6	19°14	10°24	27° 1	11° 0	0°29	0°45	2°50	8° 2	8°41	7°30	0°12	n.a.	T 11
W12	4 37 15	10° 4'54	8♍ 5	20°56	11°38	27°36	11° 0	0°25	0°43	2°49	8° 2	8°D40	7°26	0°19	n.a.	W12
T 13	4 41 12	11° 6'03	21°25	22°38	12°53	28°12	10°59	0°20	0°41	2°48	8° 3	8°41	7°23	0°25	n.a.	T 13
F 14	4 45 8	12° 7'11	5♎ 9	24°20	14° 7	28°47	10°57	0°16	0°38	2°46	8° 3	8°42	7°20	0°32	n.a.	F 14
S 15	4 49 5	13° 8'18	19°19	26° 1	15°22	29°22	10°56	0°11	0°36	2°45	8° 3	8°44	7°17	0°39	n.a.	S 15
S 16	4 53 1	14° 9'24	3♏52	27°41	16°36	29°58	10°54	0° 7	0°33	2°44	8° 4	8°R45	7°14	0°45	n.a.	S 16
M17	4 56 58	15°10'30	18°46	29°21	17°51	0♎33	10°53	0° 2	0°31	2°43	8° 4	8°44	7°11	0°52	n.a.	M17
T 18	5 0 54	16°11'35	3♐55	0♑59	19° 6	1° 8	10°51	29♊58	0°28	2°42	8° 4	8°42	7° 7	0°59	n.a.	T 18
W19	5 4 51	17°12'39	19° 8	2°36	20°20	1°43	10°49	29°53	0°26	2°41	8° 4	8°38	7° 4	1° 5	n.a.	W19
T 20	5 8 48	18°13'42	4♑17	4°11	21°35	2°18	10°46	29°48	0°23	2°40	8° 4	8°33	7° 1	1°12	n.a.	T 20
F 21	5 12 44	19°14'44	19°11	5°43	22°49	2°53	10°44	29°43	0°21	2°38	8° 4	8°26	6°58	1°19	n.a.	F 21
S 22	5 16 41	20°15'44	3♒43	7°13	24° 4	3°28	10°41	29°39	0°18	2°37	8°R 4	8°20	6°55	1°25	n.a.	S 22
S 23	5 20 37	21°16'43	17°46	8°39	25°18	4° 2	10°38	29°34	0°16	2°36	8° 4	8°14	6°51	1°32	n.a.	S 23
M24	5 24 34	22°17'40	1♓20	10° 2	26°33	4°37	10°35	29°29	0°13	2°35	8° 4	8°10	6°48	1°39	n.a.	M24
T 25	5 28 30	23°18'35	14°25	11°20	27°47	5°12	10°32	29°24	0°10	2°34	8° 4	8° 8	6°45	1°45	n.a.	T 25
W26	5 32 27	24°19'29	27° 5	12°32	29° 2	5°46	10°28	29°19	0° 8	2°33	8° 4	8°D 7	6°42	1°52	n.a.	W26
T 27	5 36 24	25°20'21	9♈25	13°38	0♐17	6°21	10°25	29°15	0° 5	2°33	8° 4	8° 8	6°39	1°59	n.a.	T 27
F 28	5 40 20	26°21'12	21°29	14°37	1°31	6°55	10°21	29°10	0° 2	2°32	8° 4	8°10	6°36	2° 5	n.a.	F 28
S 29	5 44 17	27°22'01	3♉23	15°29	2°46	7°30	10°17	29° 5	29♊59	2°31	8° 3	8°R11	6°32	2°12	n.a.	S 29
S 30	5 48 13	28°22'48	15°11	16°12	4° 0	8° 4	10°13	29° 0	29°57	2°30	8° 3	8°10	6°29	2°19	n.a.	S 30
M31	5 52 10	29♐23'33	26♉58	16♑46	5♐15	8♎38	10♌ 9	28♊55	29♊55	2♉29	8♍ 3	8♉ 8	6♉26	2♊25	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s15	8n27	1s20	22s49	1s52	9s26	1n37	5n 6	1n39	19n 0	1n17	23n58	0n 8	24n16	0n26	10n58	1s53	24n33	17n12	14n47	14n25	22n 6		n.a.
S 2	20 28	13 40	0 15	23 12	1 54	9 54	1 35	4 52	1 39	19 0	1 17	23 59	0 8	24 16	0 26	10 58	1 53	24 33	17 12	14 47	14 24	22 8		n.a.
M 3	20 41	18 21	0n50	23 33	1 57	10 23	1 33	4 38	1 39	19 0	1 17	23 59	0 8	24 16	0 26	10 57	1 53	24 33	17 13	14 47	14 23	22 11		n.a.
T 4	20 54	22 20	1 53	23 52	1 59	10 50	1 31	4 24	1 39	19 0	1 18	23 59	0 8	24 16	0 26	10 57	1 53	24 34	17 13	14 47	14 22	22 13		n.a.
W 5	21 6	25 25	2 51	24 10	2 1	11 18	1 29	4 9	1 39	19 0	1 18	23 59	0 9	24 16	0 26	10 57	1 53	24 34	17 14	14 46	14 21	22 15		n.a.
T 6	21 18	27 23	3 41	24 27	2 2	11 45	1 28	3 55	1 40	19 1	1 18	23 59	0 9	24 17	0 26	10 56	1 53	24 34	17 15	14 45	14 20	22 17		n.a.
F 7	21 29	28 5	4 22	24 42	2 3	12 13	1 26	3 41	1 40	19 1	1 19	23 59	0 9	24 17	0 26	10 56	1 53	24 34	17 15	14 43	14 19	22 20		n.a.
S 8	21 40	27 28	4 52	24 55	2 3	12 39	1 24	3 27	1 40	19 1	1 19	23 59	0 9	24 17	0 26	10 55	1 53	24 35	17 16	14 42	14 18	22 22		n.a.
S 9	21 51	25 32	5 10	25 7	2 3	13 6	1 22	3 12	1 40	19 1	1 19	24 0	0 9	24 17	0 26	10 55	1 53	24 35	17 16	14 40	14 17	22 24		n.a.
M10	22 1	22 21	5 13	25 17	2 3	13 32	1 19	2 58	1 40	19 2	1 19	24 0	0 9	24 17	0 26	10 54	1 53	24 35	17 17	14 39	14 16	22 27		n.a.
T 11	22 11	18 4	5 1	25 25	2 2	13 58	1 17	2 44	1 40	19 2	1 20	24 0	0 9	24 17	0 26	10 54	1 53	24 36	17 17	14 38	14 15	22 29		n.a.
W12	22 20	12 53	4 33	25 31	2 0	14 23	1 15	2 30	1 40	19 3	1 20	24 0	0 9	24 17	0 26	10 54	1 53	24 36	17 18	14 38	14 14	22 31		n.a.
T 13	22 29	6 58	3 50	25 35	1 58	14 49	1 13	2 16	1 41	19 3	1 20	24 0	0 9	24 17	0 26	10 53	1 53	24 37	17 19	14 38	14 13	22 33		n.a.
F 14	22 38	0 34	2 53	25 38	1 55	15 13	1 11	2 1	1 41	19 4	1 21	24 0	0 10	24 17	0 26	10 53	1 53	24 37	17 19	14 38	14 11	22 35		n.a.
S 15	22 46	6s 5	1 44	25 38	1 51	15 38	1 8	1 47	1 41	19 5	1 21	24 0	0 10	24 17	0 26	10 52	1 53	24 37	17 20	14 39	14 10	22 38		n.a.
S 16	22 53	12 36	0 27	25 36	1 47	16 2	1 6	1 33	1 41	19 5	1 21	24 0	0 10	24 17	0 26	10 52	1 53	24 38	17 20	14 39	14 9	22 40		n.a.
M17	23 0	18 34	0s54	25 32	1 42	16 25	1 3	1 19	1 41	19 6	1 22	24 1	0 10	24 17	0 26	10 52	1 52	24 38	17 21	14 39	14 8	22 42		n.a.
T 18	23 7	23 28	2 13	25 26	1 36	16 49	1 1	1 5	1 41	19 7	1 22	24 1	0 10	24 17	0 26	10 51	1 52	24 39	17 22	14 38	14 7	22 44		n.a.
W19	23 13	26 45	3 22	25 18	1 29	17 11	0 59	0 51	1 41	19 8	1 22	24 1	0 10	24 17	0 26	10 51	1 52	24 39	17 22	14 37	14 6	22 47		n.a.
T 20	23 19	28 3	4 17	25 8	1 22	17 34	0 56	0 37	1 41	19 9	1 23	24 1	0 10	24 17	0 26	10 51	1 52	24 40	17 23	14 35	14 5	22 49		n.a.
F 21	23 24	27 16	4 53	24 56	1 13	17 55	0 54	0 23	1 41	19 10	1 23	24 1	0 10	24 17	0 26	10 50	1 52	24 40	17 23	14 33	14 4	22 51		n.a.
S 22	23 29	24 39	5 9	24 43	1 4	18 17	0 51	0 9	1 41	19 11	1 23	24 1	0 11	24 17	0 26	10 50	1 52	24 41	17 24	14 31	14 3	22 53		n.a.
S 23	23 33	20 36	5 6	24 27	0 54	18 38	0 49	0s 5	1 41	19 12	1 23	24 1	0 11	24 17	0 26	10 50	1 52	24 41	17 25	14 29	14 2	22 55		n.a.
M24	23 37	15 36	4 45	24 10	0 43	18 58	0 46	0 19	1 42	19 13	1 24	24 1	0 11	24 17	0 26	10 49	1 52	24 42	17 25	14 28	14 1	22 57		n.a.
T 25	23 40	10 4	4 10	23 52	0 31	19 18	0 43	0 33	1 42	19 14	1 24	24 1	0 11	24 17	0 26	10 49	1 52	24 43	17 26	14 27	14 0	23 0		n.a.
W26	23 43	4 17	3 24	23 32	0 18	19 37	0 41	0 47	1 42	19 16	1 24	24 1	0 11	24 17	0 26	10 49	1 52	24 43	17 26	14 27	13 59	23 2		n.a.
T 27	23 46	1n31	2 29	23 11	0 4	19 56	0 38	1 1	1 42	19 17	1 25	24 2	0 11	24 17	0 27	10 49	1 52	24 44	17 27	14 27	13 58	23 4		n.a.
F 28	23 48	7 9	1 29	22 50	0n11	20 14	0 36	1 14	1 42	19 18	1 25	24 2	0 11	24 17	0 27	10 48	1 52	24 44	17 27	14 28	13 57	23 6		n.a.
S 29	23 49	12 27	0 26	22 29	0 27	20 32	0 33	1 28	1 42	19 20	1 25	24 2	0 11	24 17	0 27	10 48	1 52	24 45	17 28	14 28	13 56	23 8		n.a.
S 30	23 50	17 16	0n38	22 8	0 43	20 49	0 30	1 42	1 42	19 21	1 25	24 2	0 11	24 17	0 27	10 48	1 52	24 46	17 29	14 28	13 55	23 10		n.a.
M31	23s50	21n25	1n40	21s47	1n 0	21s 5	0n28	1s55	1n42	19n22	1n26	24n 2	0n12	24n17	0n27	10n48	1s52	24n46	17n29	14n27	13n53	23n13		n.a.

Julian Day Number = 1270308.5, Delta T = 08h17m48s
Ecliptic obliquity = 23°50'36, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'19, Lahiri = -21°00'18 Julian Calendar 1 Dec. 1236 BCE == Greg. Calendar 20 Nov. 1236 BCE

The year -1235 astronomical counting style corresponds to year 1236 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1235 BCE
geocentric

JANUARY 1235 BCE (-1234) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 56 6	0♉24'17	8♊46	17♉ 9	6♐29	9♎12	10°R 4	28°R50	29°R52	2°R29	8°R 3	8°R 4	6♉23	2♊32	n.a.	T 1
W 2	6 0 3	1°25'00	20°39	17°23	7°44	9°46	10♌ 0	28♊45	29♊49	2♉28	8♍ 2	7♉57	6°20	2°39	n.a.	W 2
T 3	6 3 59	2°25'41	2♋39	17°R26	8°58	10°20	9°55	28°40	29°47	2°27	8° 2	7°48	6°17	2°45	n.a.	T 3
F 4	6 7 56	3°26'20	14°46	17°19	10°13	10°54	9°50	28°35	29°44	2°26	8° 1	7°37	6°13	2°52	n.a.	F 4
S 5	6 11 53	4°26'57	27° 3	17° 0	11°27	11°28	9°45	28°31	29°42	2°26	8° 1	7°26	6°10	2°59	n.a.	S 5
S 6	6 15 49	5°27'34	9♌29	16°32	12°42	12° 1	9°40	28°26	29°39	2°25	8° 0	7°15	6° 7	3° 5	n.a.	S 6
M 7	6 19 46	6°28'08	22° 6	15°54	13°56	12°35	9°34	28°21	29°36	2°25	8° 0	7° 6	6° 4	3°12	n.a.	M 7
T 8	6 23 42	7°28'41	4♍55	15° 7	15°11	13° 9	9°29	28°16	29°34	2°24	7°59	6°59	6° 1	3°19	n.a.	T 8
W 9	6 27 39	8°29'12	17°58	14°13	16°25	13°42	9°23	28°11	29°31	2°24	7°59	6°54	5°57	3°25	n.a.	W 9
T 10	6 31 35	9°29'42	1♎16	13°14	17°40	14°15	9°17	28° 7	29°29	2°23	7°58	6°52	5°54	3°32	n.a.	T 10
F 11	6 35 32	10°30'11	14°52	12°10	18°54	14°49	9°11	28° 2	29°26	2°23	7°57	6°D52	5°51	3°39	n.a.	F 11
S 12	6 39 28	11°30'38	28°47	11° 3	20° 9	15°22	9° 5	27°57	29°23	2°22	7°57	6°53	5°48	3°45	n.a.	S 12
S 13	6 43 25	12°31'03	13♏ 2	9°56	21°23	15°55	8°59	27°53	29°21	2°22	7°56	6°R53	5°45	3°52	n.a.	S 13
M14	6 47 22	13°31'27	27°36	8°50	22°38	16°28	8°53	27°48	29°18	2°22	7°55	6°51	5°42	3°59	n.a.	M14
T 15	6 51 18	14°31'49	12♐24	7°46	23°52	17° 1	8°46	27°43	29°16	2°21	7°54	6°47	5°38	4° 5	n.a.	T 15
W16	6 55 15	15°32'10	27°21	6°46	25° 6	17°33	8°40	27°39	29°13	2°21	7°54	6°40	5°35	4°12	n.a.	W16
T 17	6 59 11	16°32'29	12♑19	5°51	26°21	18° 6	8°33	27°34	29°11	2°21	7°53	6°30	5°32	4°19	n.a.	T 17
F 18	7 3 8	17°32'46	27° 8	5° 2	27°35	18°38	8°26	27°30	29° 8	2°21	7°52	6°20	5°29	4°25	n.a.	F 18
S 19	7 7 4	18°33'01	11♒39	4°20	28°50	19°11	8°19	27°26	29° 6	2°20	7°51	6° 8	5°26	4°32	n.a.	S 19
S 20	7 11 1	19°33'14	25°46	3°44	0♑ 4	19°43	8°12	27°21	29° 4	2°20	7°50	5°58	5°23	4°39	n.a.	S 20
M21	7 14 58	20°33'25	9♓26	3°15	1°19	20°15	8° 5	27°17	29° 1	2°20	7°49	5°50	5°19	4°45	n.a.	M21
T 22	7 18 54	21°33'33	22°37	2°53	2°33	20°47	7°58	27°13	28°59	2°20	7°48	5°44	5°16	4°52	n.a.	T 22
W23	7 22 51	22°33'39	5♈22	2°38	3°47	21°19	7°51	27° 8	28°56	2°D20	7°47	5°41	5°13	4°59	n.a.	W23
T 24	7 26 47	23°33'43	17°46	2°31	5° 2	21°51	7°43	27° 4	28°54	2°20	7°46	5°40	5°10	5° 5	n.a.	T 24
F 25	7 30 44	24°33'44	29°51	2°D29	6°16	22°22	7°36	27° 0	28°52	2°20	7°45	5°39	5° 7	5°12	n.a.	F 25
S 26	7 34 40	25°33'43	11♉46	2°34	7°30	22°54	7°29	26°56	28°50	2°20	7°44	5°39	5° 3	5°19	n.a.	S 26
S 27	7 38 37	26°33'40	23°34	2°45	8°45	23°25	7°21	26°52	28°47	2°20	7°43	5°38	5° 0	5°25	n.a.	S 27
M28	7 42 33	27°33'35	5♊21	3° 2	9°59	23°56	7°14	26°49	28°45	2°21	7°41	5°35	4°57	5°32	n.a.	M28
T 29	7 46 30	28°33'27	17°12	3°24	11°13	24°27	7° 6	26°45	28°43	2°21	7°40	5°29	4°54	5°39	n.a.	T 29
W30	7 50 26	29°33'17	29°10	3°51	12°28	24°58	6°58	26°41	28°41	2°21	7°39	5°20	4°51	5°45	n.a.	W30
T 31	7 54 23	0♒33'05	11♋18	4♉23	13♉42	25♎29	6♌51	26♊37	28♊39	2♉21	7♍38	5♉ 9	4♉48	5♊52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23 s51	24n43	2n37	21 s26	1n18	21 s21	0n25	2 s 9	1n42	19n24	1n26	24n 2	0n12	24n17	0n27	10n47	1 s52	24n47	17n30	14n26	13n52	23n15		n.a.	T 1
W 2	23 50	26 58	3 28	21 7	1 35	21 36	0 22	2 23	1 42	19 25	1 26	24 2	0 12	24 17	0 27	10 47	1 52	24 47	17 30	14 24	13 51	23 17		n.a.	W 2
T 3	23 49	27 59	4 10	20 49	1 53	21 51	0 20	2 36	1 42	19 27	1 27	24 2	0 12	24 17	0 27	10 47	1 52	24 48	17 31	14 21	13 50	23 19		n.a.	T 3
F 4	23 48	27 40	4 41	20 33	2 10	22 5	0 17	2 50	1 42	19 29	1 27	24 2	0 12	24 17	0 27	10 47	1 51	24 49	17 31	14 17	13 49	23 21		n.a.	F 4
S 5	23 46	25 59	4 59	20 18	2 27	22 18	0 14	3 3	1 42	19 30	1 27	24 2	0 12	24 17	0 27	10 47	1 51	24 49	17 32	14 13	13 48	23 23		n.a.	S 5
S 6	23 44	23 3	5 4	20 6	2 43	22 31	0 12	3 16	1 42	19 32	1 27	24 2	0 12	24 17	0 27	10 47	1 51	24 50	17 33	14 10	13 47	23 25		n.a.	S 6
M 7	23 41	19 0	4 54	19 56	2 58	22 43	0 9	3 30	1 42	19 34	1 28	24 2	0 12	24 17	0 27	10 47	1 51	24 51	17 33	14 7	13 46	23 27		n.a.	M 7
T 8	23 38	14 2	4 29	19 47	3 12	22 54	0 6	3 43	1 42	19 35	1 28	24 2	0 12	24 17	0 27	10 46	1 51	24 52	17 34	14 4	13 45	23 29		n.a.	T 8
W 9	23 34	8 21	3 50	19 41	3 24	23 5	0 4	3 56	1 42	19 37	1 28	24 2	0 12	24 17	0 27	10 46	1 51	24 52	17 34	14 3	13 44	23 32		n.a.	W 9
T 10	23 30	2 12	2 58	19 37	3 34	23 15	0 1	4 9	1 42	19 39	1 28	24 2	0 13	24 17	0 27	10 46	1 51	24 53	17 35	14 2	13 43	23 34		n.a.	T 10
F 11	23 25	4 s12	1 55	19 36	3 42	23 24	0 s 2	4 22	1 42	19 41	1 29	24 2	0 13	24 17	0 27	10 46	1 51	24 54	17 35	14 2	13 42	23 36		n.a.	F 11
S 12	23 20	10 33	0 43	19 36	3 48	23 32	0 4	4 35	1 42	19 43	1 29	24 2	0 13	24 17	0 27	10 46	1 51	24 55	17 36	14 2	13 41	23 38		n.a.	S 12
S 13	23 15	16 32	0 s33	19 37	3 51	23 40	0 7	4 48	1 41	19 45	1 29	24 2	0 13	24 17	0 27	10 46	1 51	24 55	17 36	14 2	13 40	23 40		n.a.	S 13
M14	23 9	21 42	1 48	19 41	3 52	23 47	0 9	5 1	1 41	19 47	1 29	24 2	0 13	24 17	0 27	10 46	1 51	24 56	17 37	14 2	13 38	23 42		n.a.	M14
T 15	23 2	25 35	2 57	19 46	3 51	23 54	0 12	5 14	1 41	19 49	1 29	24 2	0 13	24 17	0 27	10 46	1 51	24 57	17 37	14 0	13 37	23 44		n.a.	T 15
W16	22 55	27 43	3 54	19 52	3 48	23 59	0 14	5 27	1 41	19 50	1 30	24 3	0 13	24 17	0 27	10 46	1 51	24 58	17 38	13 58	13 36	23 46		n.a.	W16
T 17	22 48	27 50	4 36	20 0	3 43	24 4	0 17	5 40	1 41	19 52	1 30	24 3	0 13	24 17	0 27	10 46	1 51	24 58	17 38	13 55	13 35	23 48		n.a.	T 17
F 18	22 40	25 57	4 58	20 8	3 36	24 9	0 19	5 52	1 41	19 54	1 30	24 3	0 13	24 17	0 27	10 46	1 51	24 59	17 39	13 51	13 34	23 50		n.a.	F 18
S 19	22 32	22 23	5 0	20 18	3 28	24 12	0 22	6 5	1 41	19 57	1 30	24 3	0 14	24 17	0 27	10 46	1 50	25 0	17 39	13 47	13 33	23 52		n.a.	S 19
S 20	22 23	17 35	4 44	20 28	3 19	24 15	0 24	6 17	1 41	19 59	1 31	24 3	0 14	24 17	0 27	10 46	1 50	25 1	17 40	13 44	13 32	23 54		n.a.	S 20
M21	22 14	12 3	4 12	20 39	3 9	24 17	0 27	6 30	1 40	20 1	1 31	24 3	0 14	24 17	0 27	10 46	1 50	25 2	17 40	13 41	13 31	23 56		n.a.	M21
T 22	22 5	6 8	3 27	20 51	2 58	24 18	0 29	6 42	1 40	20 3	1 31	24 3	0 14	24 17	0 27	10 46	1 50	25 2	17 41	13 39	13 30	23 58		n.a.	T 22
W23	21 55	0 10	2 33	21 3	2 46	24 19	0 31	6 55	1 40	20 5	1 31	24 3	0 14	24 17	0 27	10 46	1 50	25 3	17 41	13 38	13 29	24 0		n.a.	W23
T 24	21 45	5n39	1 33	21 15	2 34	24 18	0 34	7 7	1 40	20 7	1 31	24 3	0 14	24 17	0 27	10 46	1 50	25 4	17 41	13 38	13 28	24 2		n.a.	T 24
F 25	21 34	11 8	0 31	21 28	2 22	24 17	0 36	7 19	1 40	20 9	1 31	24 3	0 14	24 17	0 27	10 46	1 50	25 5	17 42	13 38	13 27	24 4		n.a.	F 25
S 26	21 23	16 8	0n32	21 40	2 9	24 16	0 38	7 31	1 39	20 11	1 32	24 3	0 14	24 17	0 27	10 46	1 50	25 6	17 42	13 38	13 26	24 6		n.a.	S 26
S 27	21 12	20 29	1 33	21 53	1 56	24 13	0 40	7 43	1 39	20 13	1 32	24 3	0 14	24 17	0 27	10 46	1 50	25 6	17 43	13 37	13 24	24 8		n.a.	S 27
M28	21 0	24 1	2 30	22 5	1 43	24 10	0 42	7 55	1 39	20 15	1 32	24 3	0 14	24 17	0 27	10 46	1 50	25 7	17 43	13 36	13 23	24 10		n.a.	M28
T 29	20 48	26 33	3 21	22 17	1 31	24 6	0 45	8 7	1 39	20 17	1 32	24 3	0 14	24 17	0 27	10 47	1 50	25 8	17 43	13 34	13 22	24 12		n.a.	T 29
W30	20 35	27 53	4 3	22 29	1 18	24 1	0 47	8 18	1 38	20 19	1 32	24 3	0 15	24 17	0 27	10 47	1 50	25 9	17 44	13 31	13 21	24 14		n.a.	W30
T 31	20 s22	27n55	4n35	22 s40	1n 6	23 s56	0 s49	8 s30	1n38	20n22	1n32	24n 3	0n15	24n17	0n27	10n47	1 s50	25n10	17n44	13n27	13n20	24n16		n.a.	T 31

Julian Day Number = 1270339.5, Delta T = 08h17m46s
Ecliptic obliquity = 23°50'35, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'15, Lahiri = -21°00'14 Julian Calendar 1 Jan. 1235 BCE == Greg. Calendar 21 Dec. 1236 BCE

The year -1234 astronomical counting style corresponds to year 1235 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1235 BCE
geocentric

FEBRUARY 1235 BCE (-1234) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 58 20	1♒32'50	23♋38	4♉59	14♉56	26♎ 0	6°R43	26°R34	28°R37	2♉21	7°R37	4°R56	4♉44	5♊59	n.a.	F 1
S 2	8 2 16	2°32'34	6♌ 9	5°40	16°11	26°30	6♌35	26♊30	28♊34	2°22	7♍35	4♉42	4°41	6° 5	n.a.	S 2
S 3	8 6 13	3°32'15	18°54	6°24	17°25	27° 0	6°27	26°27	28°32	2°22	7°34	4°28	4°38	6°12	n.a.	S 3
M 4	8 10 9	4°31'54	1♍50	7°11	18°39	27°31	6°20	26°24	28°30	2°23	7°33	4°16	4°35	6°19	n.a.	M 4
T 5	8 14 6	5°31'31	14°57	8° 2	19°53	28° 1	6°12	26°20	28°29	2°23	7°31	4° 7	4°32	6°25	n.a.	T 5
W 6	8 18 2	6°31'06	28°15	8°56	21° 8	28°30	6° 4	26°17	28°27	2°23	7°30	4° 1	4°29	6°32	n.a.	W 6
T 7	8 21 59	7°30'39	11♎44	9°53	22°22	29° 0	5°56	26°14	28°25	2°24	7°29	3°57	4°25	6°39	n.a.	T 7
F 8	8 25 55	8°30'10	25°24	10°53	23°36	29°29	5°48	26°11	28°23	2°24	7°27	3°56	4°22	6°45	n.a.	F 8
S 9	8 29 52	9°29'39	9♏16	11°56	24°50	29°59	5°41	26° 8	28°21	2°25	7°26	3°56	4°19	6°52	n.a.	S 9
S 10	8 33 49	10°29'07	23°20	13° 1	26° 5	0♏28	5°33	26° 6	28°19	2°26	7°24	3°56	4°16	6°59	n.a.	S 10
M11	8 37 45	11°28'32	7♐36	14° 8	27°19	0°57	5°25	26° 3	28°18	2°26	7°23	3°54	4°13	7° 5	n.a.	M11
T 12	8 41 42	12°27'56	22° 2	15°18	28°33	1°25	5°17	26° 0	28°16	2°27	7°21	3°50	4° 9	7°12	n.a.	T 12
W13	8 45 38	13°27'18	6♑34	16°29	29°47	1°54	5°10	25°58	28°14	2°28	7°20	3°42	4° 6	7°19	n.a.	W13
T 14	8 49 35	14°26'38	21° 7	17°43	1♒ 2	2°22	5° 2	25°55	28°13	2°28	7°18	3°33	4° 3	7°25	n.a.	T 14
F 15	8 53 31	15°25'56	5♒35	18°59	2°16	2°50	4°55	25°53	28°11	2°29	7°17	3°21	4° 0	7°32	n.a.	F 15
S 16	8 57 28	16°25'11	19°49	20°16	3°30	3°18	4°47	25°51	28°10	2°30	7°15	3°10	3°57	7°39	n.a.	S 16
S 17	9 1 24	17°24'25	3♓45	21°36	4°44	3°45	4°40	25°49	28° 8	2°31	7°14	2°59	3°54	7°45	n.a.	S 17
M18	9 5 21	18°23'35	17°19	22°57	5°58	4°13	4°32	25°47	28° 7	2°31	7°12	2°49	3°50	7°52	n.a.	M18
T 19	9 9 17	19°22'44	0♈28	24°19	7°12	4°40	4°25	25°45	28° 6	2°32	7°11	2°43	3°47	7°59	n.a.	T 19
W20	9 13 14	20°21'50	13°14	25°44	8°27	5° 7	4°17	25°43	28° 4	2°33	7° 9	2°39	3°44	8° 5	n.a.	W20
T 21	9 17 11	21°20'54	25°39	27°10	9°41	5°33	4°10	25°41	28° 3	2°34	7° 8	2°37	3°41	8°12	n.a.	T 21
F 22	9 21 7	22°19'55	7♉48	28°38	10°55	6° 0	4° 3	25°40	28° 2	2°35	7° 6	2°D37	3°38	8°19	n.a.	F 22
S 23	9 25 4	23°18'54	19°44	0♒ 7	12° 9	6°26	3°56	25°38	28° 1	2°36	7° 4	2°R38	3°34	8°25	n.a.	S 23
S 24	9 29 0	24°17'51	1♊34	1°38	13°23	6°52	3°49	25°37	27°59	2°37	7° 3	2°37	3°31	8°32	n.a.	S 24
M25	9 32 57	25°16'45	13°24	3°10	14°37	7°17	3°42	25°35	27°58	2°38	7° 1	2°36	3°28	8°39	n.a.	M25
T 26	9 36 53	26°15'37	25°17	4°44	15°51	7°43	3°36	25°34	27°57	2°39	6°59	2°32	3°25	8°45	n.a.	T 26
W27	9 40 50	27°14'26	7♋19	6°20	17° 5	8° 8	3°29	25°33	27°56	2°40	6°58	2°25	3°22	8°52	n.a.	W27
T 28	9 44 46	28♒13'13	19♋34	7♒57	18♒19	8♏32	3♌22	25♊32	27♊55	2♉42	6♍56	2♉17	3♉19	8♊59	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	20s 9	26n34	4n54	22s51	0n54	23s50	0s51	8s42	1n38	20n24	1n32	24n 3	0n15	24n17	0n27	10n47	1s50	25n11	17n45	13n23	13n19	24n18		n.a.	F 1
S 2	19 55	23 52	5 0	23 1	0 42	23 43	0 53	8 53	1 37	20 26	1 32	24 3	0 15	24 17	0 27	10 47	1 49	25 11	17 45	13 18	13 18	24 20		n.a.	S 2
S 3	19 41	20 0	4 50	23 11	0 30	23 35	0 55	9 4	1 37	20 28	1 33	24 3	0 15	24 17	0 27	10 47	1 49	25 12	17 45	13 14	13 17	24 22		n.a.	S 3
M 4	19 27	15 8	4 26	23 20	0 19	23 27	0 56	9 16	1 37	20 30	1 33	24 3	0 15	24 17	0 27	10 48	1 49	25 13	17 46	13 9	13 16	24 24		n.a.	M 4
T 5	19 12	9 31	3 48	23 28	0 8	23 18	0 58	9 27	1 36	20 32	1 33	24 3	0 15	24 17	0 27	10 48	1 49	25 14	17 46	13 6	13 15	24 26		n.a.	T 5
W 6	18 57	3 24	2 56	23 35	0s 3	23 8	1 0	9 38	1 36	20 34	1 33	24 3	0 15	24 17	0 27	10 48	1 49	25 15	17 46	13 4	13 14	24 28		n.a.	W 6
T 7	18 42	2s58	1 54	23 41	0 13	22 58	1 2	9 49	1 35	20 36	1 33	24 3	0 15	24 17	0 27	10 48	1 49	25 16	17 47	13 3	13 13	24 29		n.a.	T 7
F 8	18 27	9 17	0 45	23 46	0 23	22 47	1 3	10 0	1 35	20 38	1 33	24 3	0 15	24 17	0 27	10 48	1 49	25 16	17 47	13 3	13 11	24 31		n.a.	F 8
S 9	18 11	15 16	0s28	23 50	0 32	22 35	1 5	10 11	1 35	20 40	1 33	24 3	0 15	24 17	0 27	10 49	1 49	25 17	17 47	13 3	13 10	24 33		n.a.	S 9
S 10	17 54	20 33	1 41	23 53	0 41	22 23	1 6	10 22	1 34	20 42	1 33	24 3	0 16	24 17	0 27	10 49	1 49	25 18	17 48	13 2	13 9	24 35		n.a.	S 10
M11	17 38	24 42	2 48	23 55	0 50	22 9	1 8	10 32	1 34	20 44	1 33	24 3	0 16	24 16	0 27	10 49	1 49	25 19	17 48	13 2	13 8	24 37		n.a.	M11
T 12	17 21	27 21	3 45	23 55	0 59	21 56	1 9	10 43	1 33	20 46	1 33	24 3	0 16	24 16	0 27	10 50	1 49	25 20	17 48	13 0	13 7	24 39		n.a.	T 12
W13	17 4	28 8	4 28	23 54	1 6	21 41	1 11	10 53	1 33	20 48	1 33	24 3	0 16	24 16	0 27	10 50	1 49	25 21	17 48	12 58	13 6	24 41		n.a.	W13
T 14	16 46	26 59	4 54	23 52	1 14	21 26	1 12	11 4	1 32	20 50	1 33	24 3	0 16	24 16	0 27	10 50	1 49	25 21	17 49	12 54	13 5	24 43		n.a.	T 14
F 15	16 29	24 2	5 0	23 49	1 21	21 11	1 13	11 14	1 31	20 52	1 33	24 3	0 16	24 16	0 27	10 50	1 49	25 22	17 49	12 51	13 4	24 45		n.a.	F 15
S 16	16 11	19 40	4 48	23 44	1 28	20 54	1 15	11 24	1 31	20 54	1 33	24 3	0 16	24 16	0 27	10 51	1 49	25 23	17 49	12 46	13 3	24 46		n.a.	S 16
S 17	15 53	14 18	4 19	23 38	1 34	20 37	1 16	11 34	1 30	20 56	1 33	24 3	0 16	24 16	0 27	10 51	1 48	25 24	17 49	12 43	13 2	24 48		n.a.	S 17
M18	15 34	8 23	3 36	23 30	1 40	20 20	1 17	11 44	1 30	20 58	1 33	24 3	0 16	24 16	0 27	10 52	1 48	25 25	17 50	12 39	13 1	24 50		n.a.	M18
T 19	15 16	2 17	2 42	23 21	1 46	20 2	1 18	11 54	1 29	20 59	1 33	24 3	0 16	24 16	0 27	10 52	1 48	25 26	17 50	12 37	12 59	24 52		n.a.	T 19
W20	14 57	3n46	1 41	23 10	1 51	19 43	1 19	12 4	1 28	21 1	1 33	24 3	0 16	24 16	0 26	10 52	1 48	25 26	17 50	12 36	12 58	24 54		n.a.	W20
T 21	14 37	9 30	0 37	22 58	1 55	19 24	1 20	12 13	1 28	21 3	1 33	24 3	0 16	24 16	0 26	10 53	1 48	25 27	17 50	12 35	12 57	24 56		n.a.	T 21
F 22	14 18	14 47	0n27	22 44	1 59	19 5	1 20	12 23	1 27	21 5	1 33	24 3	0 17	24 16	0 26	10 53	1 48	25 28	17 50	12 35	12 56	24 57		n.a.	F 22
S 23	13 58	19 24	1 30	22 28	2 3	18 44	1 21	12 32	1 26	21 6	1 33	24 3	0 17	24 16	0 26	10 53	1 48	25 29	17 51	12 35	12 55	24 59		n.a.	S 23
S 24	13 39	23 14	2 28	22 11	2 6	18 24	1 22	12 41	1 25	21 8	1 33	24 3	0 17	24 16	0 26	10 54	1 48	25 29	17 51	12 35	12 54	25 1		n.a.	S 24
M25	13 19	26 5	3 19	21 52	2 9	18 2	1 23	12 51	1 25	21 9	1 33	24 3	0 17	24 16	0 26	10 54	1 48	25 30	17 51	12 35	12 53	25 3		n.a.	M25
T 26	12 58	27 47	4 2	21 31	2 11	17 41	1 23	13 0	1 24	21 11	1 33	24 3	0 17	24 16	0 26	10 55	1 48	25 31	17 51	12 33	12 52	25 5		n.a.	T 26
W27	12 38	28 13	4 35	21 9	2 13	17 18	1 24	13 9	1 23	21 13	1 33	24 3	0 17	24 16	0 26	10 55	1 48	25 32	17 51	12 31	12 51	25 6		n.a.	W27
T 28	12s18	27n16	4n56	20s45	2s15	16s56	1s24	13s18	1n22	21n14	1n33	24n 3	0n17	24n16	0n26	10n56	1s48	25n33	17n51	12n28	12n50	25n 8		n.a.	T 28

Julian Day Number = 1270370.5, Delta T = 08h17m44s
Ecliptic obliquity = 23°50'36, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'10, Lahiri = -21°00'10 Julian Calendar 1 Feb. 1235 BCE == Greg. Calendar 21 Jan. 1235 BCE

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ASTRODIENST EPHEMERIS for the year 1235 BCE
geocentric

MARCH 1235 BCE (-1234) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 48 43	29♒11'58	2♌ 3	9♒35	19♒33	8♏57	3°R16	25°R31	27°R55	2♉43	6°R54	2°R 7	3♉15	9♊ 5	n.a.	F 1
S 2	9 52 40	0♓10'41	14°49	11°15	20°47	9°21	3♌10	25♊30	27♊54	2°44	6♍53	1♉55	3°12	9°12	n.a.	S 2
S 3	9 56 36	1° 9'21	27°51	12°57	22° 1	9°45	3° 4	25°30	27°53	2°45	6°51	1°45	3° 9	9°19	n.a.	S 3
M 4	10 0 33	2° 7'59	11♍ 8	14°40	23°15	10° 8	2°57	25°29	27°52	2°46	6°49	1°35	3° 6	9°25	n.a.	M 4
T 5	10 4 29	3° 6'35	24°39	16°24	24°29	10°31	2°52	25°29	27°52	2°48	6°48	1°28	3° 3	9°32	n.a.	T 5
W 6	10 8 26	4° 5'09	8♎20	18°11	25°43	10°54	2°46	25°28	27°51	2°49	6°46	1°23	3° 0	9°39	n.a.	W 6
T 7	10 12 22	5° 3'41	22°11	19°58	26°57	11°17	2°40	25°28	27°50	2°50	6°44	1°21	2°56	9°45	n.a.	T 7
F 8	10 16 19	6° 2'11	6♏ 8	21°48	28°11	11°39	2°35	25°28	27°50	2°52	6°43	1°D21	2°53	9°52	n.a.	F 8
S 9	10 20 15	7° 0'40	20°10	23°38	29°25	12° 1	2°29	25°D28	27°49	2°53	6°41	1°22	2°50	9°59	n.a.	S 9
S 10	10 24 12	7°59'07	4♐17	25°31	0♓39	12°22	2°24	25°28	27°49	2°55	6°39	1°R22	2°47	10° 5	n.a.	S 10
M11	10 28 8	8°57'32	18°26	27°25	1°53	12°43	2°19	25°28	27°49	2°56	6°38	1°22	2°44	10°12	n.a.	M11
T 12	10 32 5	9°55'55	2♑38	29°20	3° 7	13° 4	2°14	25°29	27°48	2°58	6°36	1°20	2°40	10°19	n.a.	T 12
W13	10 36 2	10°54'17	16°48	1♓17	4°21	13°24	2° 9	25°29	27°48	2°59	6°34	1°16	2°37	10°25	n.a.	W13
T 14	10 39 58	11°52'37	0♒55	3°16	5°35	13°44	2° 4	25°29	27°48	3° 1	6°33	1°10	2°34	10°32	n.a.	T 14
F 15	10 43 55	12°50'56	14°54	5°16	6°49	14° 4	2° 0	25°30	27°48	3° 2	6°31	1° 2	2°31	10°39	n.a.	F 15
S 16	10 47 51	13°49'12	28°42	7°18	8° 3	14°23	1°56	25°31	27°48	3° 4	6°29	0°54	2°28	10°45	n.a.	S 16
S 17	10 51 48	14°47'27	12♓16	9°21	9°17	14°41	1°51	25°32	27°D48	3° 5	6°28	0°47	2°25	10°52	n.a.	S 17
M18	10 55 44	15°45'39	25°32	11°25	10°31	15° 0	1°47	25°33	27°48	3° 7	6°26	0°41	2°21	10°59	n.a.	M18
T 19	10 59 41	16°43'50	8♈29	13°31	11°45	15°17	1°44	25°34	27°48	3° 9	6°24	0°36	2°18	11° 5	n.a.	T 19
W20	11 3 37	17°41'58	21° 8	15°37	12°59	15°34	1°40	25°35	27°48	3°10	6°23	0°34	2°15	11°12	n.a.	W20
T 21	11 7 34	18°40'05	3♉30	17°45	14°13	15°51	1°36	25°36	27°48	3°12	6°21	0°D34	2°12	11°19	n.a.	T 21
F 22	11 11 30	19°38'10	15°37	19°53	15°26	16° 7	1°33	25°37	27°48	3°14	6°19	0°35	2° 9	11°25	n.a.	F 22
S 23	11 15 27	20°36'13	27°34	22° 2	16°40	16°23	1°30	25°39	27°49	3°15	6°18	0°36	2° 6	11°32	n.a.	S 23
S 24	11 19 24	21°34'13	9♊26	24°11	17°54	16°38	1°27	25°40	27°49	3°17	6°16	0°38	2° 2	11°39	n.a.	S 24
M25	11 23 20	22°32'12	21°16	26°20	19° 8	16°53	1°24	25°42	27°49	3°19	6°14	0°R38	1°59	11°46	n.a.	M25
T 26	11 27 17	23°30'09	3♋11	28°29	20°22	17° 7	1°22	25°44	27°50	3°21	6°13	0°38	1°56	11°52	n.a.	T 26
W27	11 31 13	24°28'03	15°15	0♈38	21°36	17°21	1°19	25°46	27°50	3°23	6°11	0°36	1°53	11°59	n.a.	W27
T 28	11 35 10	25°25'56	27°32	2°46	22°50	17°34	1°17	25°48	27°51	3°24	6°10	0°32	1°50	12° 6	n.a.	T 28
F 29	11 39 6	26°23'47	10♌ 7	4°53	24° 3	17°47	1°15	25°50	27°51	3°26	6° 8	0°27	1°46	12°12	n.a.	F 29
S 30	11 43 3	27°21'36	23° 0	6°58	25°17	17°59	1°13	25°52	27°52	3°28	6° 7	0°22	1°43	12°19	n.a.	S 30
S 31	11 46 59	28♓19'23	6♍15	9♈ 2	26♓31	18♏10	1♌11	25♊54	27♊53	3♉30	6♍ 5	0♉17	1♉40	12♊26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s57	24n57	5n 3	20s19	2s15	16s32	1s25	13s26	1n21	21n16	1n33	24n 3	0n17	24n16	0n26	10n56	1s48	25n33	17n51	12n24	12n48	25n10		n.a.
S 2	11 36	21 22	4 56	19 52	2 16	16 9	1 25	13 35	1 20	21 17	1 33	24 3	0 17	24 16	0 26	10 57	1 48	25 34	17 51	12 21	12 47	25 12		n.a.
S 3	11 15	16 41	4 33	19 23	2 16	15 45	1 25	13 44	1 19	21 18	1 33	24 3	0 17	24 16	0 26	10 57	1 48	25 35	17 52	12 17	12 46	25 13		n.a.
M 4	10 53	11 7	3 55	18 51	2 15	15 20	1 26	13 52	1 18	21 20	1 33	24 3	0 17	24 16	0 26	10 58	1 48	25 35	17 52	12 14	12 45	25 15		n.a.
T 5	10 32	4 57	3 3	18 19	2 14	14 55	1 26	14 1	1 17	21 21	1 33	24 3	0 17	24 16	0 26	10 58	1 47	25 36	17 52	12 11	12 44	25 17		n.a.
W 6	10 11	1s32	2 0	17 44	2 12	14 30	1 26	14 9	1 16	21 22	1 33	24 3	0 17	24 16	0 26	10 59	1 47	25 37	17 52	12 9	12 43	25 19		n.a.
T 7	9 49	8 1	0 49	17 7	2 10	14 4	1 26	14 17	1 15	21 24	1 32	24 3	0 17	24 16	0 26	10 59	1 47	25 38	17 52	12 9	12 42	25 20		n.a.
F 8	9 27	14 11	0s26	16 29	2 7	13 38	1 26	14 25	1 14	21 25	1 32	24 3	0 18	24 16	0 26	11 0	1 47	25 38	17 52	12 8	12 41	25 22		n.a.
S 9	9 5	19 41	1 39	15 49	2 4	13 12	1 26	14 33	1 13	21 26	1 32	24 3	0 18	24 16	0 26	11 0	1 47	25 39	17 52	12 9	12 40	25 24		n.a.
S 10	8 43	24 6	2 47	15 7	2 0	12 45	1 25	14 41	1 11	21 27	1 32	24 4	0 18	24 16	0 26	11 1	1 47	25 40	17 52	12 9	12 39	25 26		n.a.
M11	8 21	27 4	3 45	14 23	1 56	12 18	1 25	14 48	1 10	21 28	1 32	24 4	0 18	24 16	0 26	11 1	1 47	25 40	17 52	12 9	12 37	25 27		n.a.
T 12	7 58	28 18	4 30	13 37	1 51	11 51	1 25	14 56	1 9	21 29	1 32	24 4	0 18	24 16	0 26	11 2	1 47	25 41	17 52	12 8	12 36	25 29		n.a.
W13	7 36	27 41	4 57	12 50	1 45	11 23	1 25	15 3	1 8	21 30	1 32	24 4	0 18	24 16	0 26	11 2	1 47	25 42	17 52	12 7	12 35	25 31		n.a.
T 14	7 13	25 17	5 7	12 1	1 39	10 55	1 24	15 11	1 6	21 31	1 32	24 4	0 18	24 16	0 26	11 3	1 47	25 42	17 52	12 4	12 34	25 32		n.a.
F 15	6 51	21 22	4 58	11 10	1 33	10 27	1 24	15 18	1 5	21 32	1 32	24 4	0 18	24 16	0 26	11 4	1 47	25 43	17 52	12 2	12 33	25 34		n.a.
S 16	6 28	16 21	4 32	10 18	1 26	9 58	1 23	15 25	1 3	21 33	1 31	24 4	0 18	24 16	0 26	11 4	1 47	25 43	17 52	11 59	12 32	25 36		n.a.
S 17	6 5	10 37	3 51	9 24	1 18	9 30	1 23	15 32	1 2	21 34	1 31	24 4	0 18	24 16	0 26	11 5	1 47	25 44	17 51	11 56	12 31	25 37		n.a.
M18	5 42	4 31	2 58	8 29	1 10	9 1	1 22	15 39	1 0	21 34	1 31	24 4	0 18	24 16	0 26	11 5	1 47	25 45	17 51	11 54	12 30	25 39		n.a.
T 19	5 19	1n38	1 57	7 32	1 2	8 31	1 21	15 45	0 59	21 35	1 31	24 4	0 18	24 16	0 26	11 6	1 47	25 45	17 51	11 53	12 29	25 41		n.a.
W20	4 56	7 36	0 51	6 34	0 53	8 2	1 20	15 52	0 57	21 36	1 31	24 4	0 18	24 16	0 26	11 7	1 47	25 46	17 51	11 52	12 27	25 42		n.a.
T 21	4 33	13 8	0n16	5 35	0 43	7 32	1 20	15 59	0 56	21 37	1 31	24 5	0 18	24 16	0 26	11 7	1 47	25 46	17 51	11 52	12 26	25 44		n.a.
F 22	4 10	18 5	1 21	4 35	0 33	7 2	1 19	16 5	0 54	21 37	1 30	24 5	0 18	24 16	0 26	11 8	1 47	25 47	17 51	11 52	12 25	25 46		n.a.
S 23	3 47	22 15	2 21	3 34	0 23	6 32	1 18	16 11	0 52	21 38	1 30	24 5	0 19	24 16	0 26	11 9	1 47	25 47	17 51	11 53	12 24	25 47		n.a.
S 24	3 24	25 27	3 16	2 33	0 13	6 2	1 17	16 17	0 50	21 38	1 30	24 5	0 19	24 16	0 26	11 9	1 46	25 48	17 51	11 53	12 23	25 49		n.a.
M25	3 1	27 34	4 1	1 31	0 2	5 32	1 16	16 23	0 48	21 39	1 30	24 5	0 19	24 16	0 26	11 10	1 46	25 48	17 51	11 53	12 22	25 51		n.a.
T 26	2 37	28 25	4 37	0 29	0n 8	5 1	1 15	16 29	0 47	21 39	1 30	24 5	0 19	24 16	0 26	11 10	1 46	25 49	17 50	11 53	12 21	25 52		n.a.
W27	2 14	27 56	5 0	0n33	0 19	4 30	1 13	16 35	0 45	21 40	1 30	24 5	0 19	24 16	0 26	11 11	1 46	25 49	17 50	11 52	12 20	25 54		n.a.
T 28	1 51	26 5	5 11	1 34	0 30	4 0	1 12	16 41	0 43	21 40	1 30	24 5	0 19	24 16	0 26	11 12	1 46	25 50	17 50	11 51	12 19	25 55		n.a.
F 29	1 27	22 55	5 7	2 35	0 41	3 29	1 11	16 46	0 41	21 40	1 29	24 6	0 19	24 16	0 26	11 12	1 46	25 50	17 50	11 49	12 17	25 57		n.a.
S 30	1 4	18 36	4 48	3 36	0 51	2 58	1 9	16 52	0 38	21 40	1 29	24 6	0 19	24 16	0 26	11 13	1 46	25 50	17 50	11 48	12 16	25 58		n.a.
S 31	0s41	13n16	4n13	4n35	1n 2	2s27	1s 8	16s57	0n36	21n41	1n29	24n 6	0n19	24n16	0n26	11n14	1s46	25n51	17n49	11n46	12n15	26n 0		n.a.

Julian Day Number = 1270398.5, Delta T = 08h17m43s
Ecliptic obliquity = 23°50'36, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'07, Lahiri = -21°00'06 Julian Calendar 1 March 1235 BCE == Greg. Calendar 18 Feb. 1235 BCE

The year -1234 astronomical counting style corresponds to year 1235 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1235 BCE
geocentric

APRIL 1235 BCE (-1234) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 50 56	29♓17'08	19♍49	11♈ 4	27♓45	18♏21	1°R10	25♊57	27♊54	3♉32	6°R 4	0°R12	1♉37	12♊32	n.a.	M 1
T 2	11 54 53	0♈14'52	3♎42	13° 4	28°58	18°31	1♌ 8	25°59	27°54	3°34	6♍ 2	0♉ 9	1°34	12°39	n.a.	T 2
W 3	11 58 49	1°12'34	17°48	15° 1	0♈12	18°41	1° 7	26° 2	27°55	3°36	6° 1	0° 7	1°31	12°46	n.a.	W 3
T 4	12 2 46	2°10'15	2♏ 5	16°56	1°26	18°50	1° 6	26° 4	27°56	3°38	5°59	0°D 7	1°27	12°52	n.a.	T 4
F 5	12 6 42	3° 7'54	16°27	18°48	2°40	18°58	1° 5	26° 7	27°57	3°40	5°58	0° 7	1°24	12°59	n.a.	F 5
S 6	12 10 39	4° 5'32	0♐51	20°38	3°53	19° 6	1° 5	26°10	27°58	3°42	5°56	0° 9	1°21	13° 6	n.a.	S 6
S 7	12 14 35	5° 3'09	15°12	22°24	5° 7	19°13	1° 4	26°13	27°59	3°44	5°55	0°10	1°18	13°12	n.a.	S 7
M 8	12 18 32	6° 0'45	29°27	24° 7	6°21	19°19	1° 4	26°16	28° 0	3°46	5°53	0°R11	1°15	13°19	n.a.	M 8
T 9	12 22 28	6°58'20	13♑35	25°47	7°35	19°25	1°D 4	26°19	28° 2	3°48	5°52	0°11	1°12	13°26	n.a.	T 9
W10	12 26 25	7°55'54	27°33	27°24	8°48	19°30	1° 4	26°22	28° 3	3°50	5°51	0°10	1° 8	13°32	n.a.	W10
T 11	12 30 22	8°53'27	11♒21	28°58	10° 2	19°34	1° 4	26°26	28° 4	3°52	5°49	0° 8	1° 5	13°39	n.a.	T 11
F 12	12 34 18	9°50'58	24°56	0♉28	11°16	19°38	1° 5	26°29	28° 5	3°54	5°48	0° 5	1° 2	13°46	n.a.	F 12
S 13	12 38 15	10°48'29	8♓18	1°55	12°30	19°41	1° 6	26°33	28° 7	3°56	5°47	0° 3	0°59	13°52	n.a.	S 13
S 14	12 42 11	11°45'58	21°26	3°18	13°43	19°43	1° 6	26°36	28° 8	3°58	5°45	29♈59	0°56	13°59	n.a.	S 14
M15	12 46 8	12°43'26	4♈20	4°38	14°57	19°44	1° 7	26°40	28°10	4° 0	5°44	29°58	0°52	14° 6	n.a.	M15
T 16	12 50 4	13°40'53	16°59	5°55	16°11	19°R45	1° 9	26°44	28°11	4° 2	5°43	29°57	0°49	14°12	n.a.	T 16
W17	12 54 1	14°38'19	29°25	7° 7	17°24	19°44	1°10	26°48	28°13	4° 4	5°42	29°D56	0°46	14°19	n.a.	W17
T 18	12 57 57	15°35'44	11♉38	8°17	18°38	19°44	1°11	26°52	28°14	4° 7	5°40	29°57	0°43	14°26	n.a.	T 18
F 19	13 1 54	16°33'07	23°41	9°22	19°52	19°42	1°13	26°56	28°16	4° 9	5°39	29°57	0°40	14°33	n.a.	F 19
S 20	13 5 51	17°30'29	5♊36	10°24	21° 6	19°39	1°15	27° 0	28°18	4°11	5°38	29°59	0°37	14°39	n.a.	S 20
S 21	13 9 47	18°27'50	17°27	11°22	22°19	19°36	1°17	27° 4	28°20	4°13	5°37	29°59	0°33	14°46	n.a.	S 21
M22	13 13 44	19°25'10	29°17	12°16	23°33	19°32	1°19	27° 8	28°21	4°15	5°36	0♉ 1	0°30	14°53	n.a.	M22
T 23	13 17 40	20°22'29	11♋12	13° 6	24°47	19°28	1°22	27°13	28°23	4°17	5°35	0° 1	0°27	14°59	n.a.	T 23
W24	13 21 37	21°19'46	23°15	13°52	26° 0	19°22	1°24	27°17	28°25	4°20	5°34	0°R 1	0°24	15° 6	n.a.	W24
T 25	13 25 33	22°17'02	5♌32	14°34	27°14	19°16	1°27	27°22	28°27	4°22	5°33	0° 1	0°21	15°13	n.a.	T 25
F 26	13 29 30	23°14'17	18° 6	15°11	28°28	19° 9	1°30	27°26	28°29	4°24	5°32	0° 1	0°17	15°19	n.a.	F 26
S 27	13 33 26	24°11'31	1♍ 1	15°45	29°41	19° 2	1°33	27°31	28°31	4°26	5°31	29♈59	0°14	15°26	n.a.	S 27
S 28	13 37 23	25° 8'43	14°19	16°14	0♉55	18°54	1°37	27°36	28°33	4°28	5°30	29°59	0°11	15°33	n.a.	S 28
M29	13 41 20	26° 5'55	28° 2	16°38	2° 8	18°45	1°40	27°41	28°35	4°31	5°29	29°59	0° 8	15°39	n.a.	M29
T 30	13 45 16	27♈ 3'06	12♎ 7	16♉58	3♉22	18♏35	1♌44	27♊46	28♊38	4♉33	5♍28	29♈59	0♉ 5	15♊46	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s17	7n11	3n23	5n33	1n12	1s56	1s 7	17s 2	0n34	21n41	1n29	24n 6	0n19	24n16	0n26	11n15	1s46	25n51	17n49	11n44	12n14	26n 2		n.a.
T 2	0n 6	0 38	2 20	6 29	1 21	1 24	1 5	17 7	0 32	21 41	1 29	24 6	0 19	24 16	0 26	11 15	1 46	25 52	17 49	11 43	12 13	26 3		n.a.
W 3	0 29	6s 4	1 7	7 24	1 31	0 53	1 4	17 12	0 29	21 41	1 28	24 6	0 19	24 16	0 26	11 16	1 46	25 52	17 49	11 42	12 12	26 5		n.a.
T 4	0 53	12 34	0s11	8 17	1 39	0 22	1 2	17 17	0 27	21 41	1 28	24 6	0 19	24 16	0 26	11 17	1 46	25 52	17 48	11 42	12 11	26 6		n.a.
F 5	1 16	18 27	1 29	9 9	1 48	0n 9	1 0	17 22	0 24	21 41	1 28	24 6	0 19	24 16	0 26	11 17	1 46	25 53	17 48	11 42	12 10	26 8		n.a.
S 6	1 39	23 17	2 41	9 58	1 55	0 41	0 59	17 26	0 22	21 41	1 28	24 7	0 19	24 16	0 26	11 18	1 46	25 53	17 48	11 43	12 8	26 9		n.a.
S 7	2 2	26 42	3 43	10 45	2 2	1 12	0 57	17 31	0 19	21 41	1 28	24 7	0 19	24 16	0 26	11 19	1 46	25 53	17 48	11 43	12 7	26 11		n.a.
M 8	2 26	28 21	4 31	11 30	2 9	1 43	0 55	17 35	0 17	21 41	1 27	24 7	0 20	24 16	0 26	11 20	1 46	25 54	17 47	11 44	12 6	26 12		n.a.
T 9	2 49	28 8	5 1	12 13	2 14	2 14	0 53	17 39	0 14	21 41	1 27	24 7	0 20	24 16	0 26	11 20	1 46	25 54	17 47	11 44	12 5	26 14		n.a.
W10	3 12	26 8	5 14	12 53	2 19	2 46	0 52	17 43	0 11	21 40	1 27	24 7	0 20	24 16	0 26	11 21	1 46	25 54	17 47	11 43	12 4	26 15		n.a.
T 11	3 35	22 36	5 9	13 31	2 24	3 17	0 50	17 47	0 8	21 40	1 27	24 7	0 20	24 16	0 26	11 22	1 46	25 54	17 46	11 42	12 3	26 17		n.a.
F 12	3 58	17 54	4 46	14 7	2 27	3 48	0 48	17 51	0 5	21 40	1 27	24 8	0 20	24 16	0 26	11 22	1 46	25 54	17 46	11 42	12 2	26 18		n.a.
S 13	4 21	12 24	4 7	14 40	2 30	4 19	0 46	17 55	0 3	21 40	1 27	24 8	0 20	24 16	0 26	11 23	1 46	25 55	17 46	11 41	12 1	26 20		n.a.
S 14	4 44	6 27	3 17	15 12	2 32	4 50	0 44	17 58	0s 0	21 39	1 26	24 8	0 20	24 16	0 26	11 24	1 46	25 55	17 45	11 40	11 59	26 21		n.a.
M15	5 6	0 20	2 17	15 40	2 33	5 21	0 42	18 1	0 4	21 39	1 26	24 8	0 20	24 16	0 26	11 25	1 46	25 55	17 45	11 39	11 58	26 23		n.a.
T 16	5 29	5n42	1 11	16 7	2 33	5 51	0 40	18 5	0 7	21 38	1 26	24 8	0 20	24 16	0 26	11 25	1 46	25 55	17 45	11 38	11 57	26 24		n.a.
W17	5 52	11 24	0 3	16 31	2 32	6 22	0 38	18 8	0 10	21 38	1 26	24 8	0 20	24 16	0 26	11 26	1 46	25 55	17 44	11 38	11 56	26 26		n.a.
T 18	6 14	16 36	1n 4	16 53	2 31	6 53	0 36	18 11	0 13	21 37	1 26	24 9	0 20	24 16	0 26	11 27	1 46	25 55	17 44	11 38	11 55	26 27		n.a.
F 19	6 37	21 4	2 8	17 12	2 29	7 23	0 33	18 13	0 17	21 37	1 25	24 9	0 20	24 16	0 26	11 28	1 46	25 56	17 44	11 39	11 54	26 29		n.a.
S 20	6 59	24 38	3 5	17 29	2 25	7 53	0 31	18 16	0 20	21 36	1 25	24 9	0 20	24 16	0 26	11 28	1 46	25 56	17 43	11 39	11 53	26 30		n.a.
S 21	7 21	27 7	3 54	17 44	2 21	8 23	0 29	18 18	0 23	21 35	1 25	24 9	0 20	24 16	0 26	11 29	1 46	25 56	17 43	11 40	11 52	26 31		n.a.
M22	7 43	28 23	4 33	17 56	2 16	8 53	0 27	18 21	0 27	21 35	1 25	24 9	0 20	24 16	0 26	11 30	1 45	25 56	17 42	11 40	11 50	26 33		n.a.
T 23	8 5	28 21	5 0	18 6	2 11	9 22	0 25	18 23	0 31	21 34	1 25	24 9	0 20	24 16	0 26	11 31	1 45	25 56	17 42	11 40	11 49	26 34		n.a.
W24	8 27	26 58	5 15	18 14	2 4	9 52	0 22	18 25	0 34	21 33	1 24	24 9	0 21	24 16	0 26	11 31	1 45	25 56	17 42	11 40	11 48	26 36		n.a.
T 25	8 49	24 18	5 15	18 20	1 56	10 21	0 20	18 27	0 38	21 32	1 24	24 10	0 21	24 16	0 26	11 32	1 45	25 56	17 41	11 40	11 47	26 37		n.a.
F 26	9 11	20 26	5 1	18 23	1 48	10 50	0 18	18 28	0 42	21 31	1 24	24 10	0 21	24 16	0 26	11 33	1 45	25 56	17 41	11 40	11 46	26 38		n.a.
S 27	9 32	15 31	4 32	18 24	1 39	11 19	0 15	18 30	0 45	21 31	1 24	24 10	0 21	24 16	0 26	11 34	1 45	25 56	17 40	11 40	11 45	26 40		n.a.
S 28	9 53	9 45	3 47	18 23	1 29	11 47	0 13	18 31	0 49	21 30	1 24	24 10	0 21	24 16	0 26	11 35	1 45	25 56	17 40	11 39	11 44	26 41		n.a.
M29	10 15	3 22	2 48	18 20	1 18	12 15	0 11	18 33	0 53	21 29	1 23	24 10	0 21	24 16	0 26	11 35	1 45	25 56	17 39	11 39	11 42	26 43		n.a.
T 30	10n36	3s23	1n37	18n14	1n 6	12n43	0s 8	18s34	0s57	21n28	1n23	24n10	0n21	24n16	0n26	11n36	1s45	25n56	17n39	11n39	11n41	26n44		n.a.

Julian Day Number = 1270429.5, Delta T = 08h17m41s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°07'02, Lahiri = -21°00'02 Julian Calendar 1 Apr. 1235 BCE == Greg. Calendar 21 March 1235 BCE

The year -1234 astronomical counting style corresponds to year 1235 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1235 BCE
geocentric

MAY 1235 BCE (-1234) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 49 13	28♈ 0'15	26♎33	17♉14	4♉36	18°R25	1♌47	27♊50	28♊40	4♉35	5°R27	29°D58	0♉ 2	15♊53	n.a.	W 1
T 2	13 53 9	28°57'25	11♏13	17°25	5°49	18♏14	1°51	27°56	28°42	4°37	5♍26	29♈58	29♈58	15°59	n.a.	T 2
F 3	13 57 6	29°54'33	26° 1	17°31	7° 3	18° 2	1°55	28° 1	28°44	4°39	5°25	29°R58	29°55	16° 6	n.a.	F 3
S 4	14 1 2	0♉51'42	10♐50	17°R33	8°16	17°50	2° 0	28° 6	28°47	4°42	5°25	29°58	29°52	16°13	n.a.	S 4
S 5	14 4 59	1°48'50	25°32	17°30	9°30	17°37	2° 4	28°11	28°49	4°44	5°24	29°58	29°49	16°19	n.a.	S 5
M 6	14 8 55	2°45'57	10♑ 3	17°23	10°44	17°24	2° 9	28°17	28°51	4°46	5°23	29°58	29°46	16°26	n.a.	M 6
T 7	14 12 52	3°43'05	24°18	17°12	11°57	17°10	2°13	28°22	28°54	4°48	5°23	29°58	29°43	16°33	n.a.	T 7
W 8	14 16 49	4°40'12	8♒15	16°57	13°11	16°55	2°18	28°27	28°56	4°51	5°22	29°D58	29°39	16°40	n.a.	W 8
T 9	14 20 45	5°37'19	21°53	16°38	14°25	16°40	2°23	28°33	28°59	4°53	5°21	29°58	29°36	16°46	n.a.	T 9
F 10	14 24 42	6°34'25	5♓13	16°15	15°38	16°25	2°28	28°39	29° 1	4°55	5°21	29°58	29°33	16°53	n.a.	F 10
S 11	14 28 38	7°31'32	18°15	15°49	16°52	16° 9	2°34	28°44	29° 4	4°57	5°20	29°59	29°30	17° 0	n.a.	S 11
S 12	14 32 35	8°28'38	1♈ 2	15°20	18° 5	15°52	2°39	28°50	29° 7	5° 0	5°20	29°59	29°27	17° 6	n.a.	S 12
M13	14 36 31	9°25'44	13°36	14°49	19°19	15°36	2°45	28°56	29° 9	5° 2	5°19	0♉ 1	29°23	17°13	n.a.	M13
T 14	14 40 28	10°22'50	25°57	14°17	20°33	15°19	2°51	29° 2	29°12	5° 4	5°19	0°R 1	29°20	17°20	n.a.	T 14
W15	14 44 25	11°19'56	8♉ 9	13°42	21°46	15° 1	2°57	29° 8	29°15	5° 6	5°18	0° 1	29°17	17°26	n.a.	W15
T 16	14 48 21	12°17'02	20°12	13° 8	23° 0	14°44	3° 3	29°14	29°18	5° 9	5°18	0° 0	29°14	17°33	n.a.	T 16
F 17	14 52 18	13°14'07	2♊ 8	12°33	24°13	14°26	3° 9	29°20	29°20	5°11	5°17	29♈59	29°11	17°40	n.a.	F 17
S 18	14 56 14	14°11'12	14° 0	11°58	25°27	14° 9	3°15	29°26	29°23	5°13	5°17	29°57	29° 8	17°46	n.a.	S 18
S 19	15 0 11	15° 8'17	25°50	11°25	26°40	13°51	3°22	29°32	29°26	5°15	5°17	29°55	29° 4	17°53	n.a.	S 19
M20	15 4 7	16° 5'22	7♋41	10°54	27°54	13°33	3°28	29°38	29°29	5°17	5°17	29°52	29° 1	18° 0	n.a.	M20
T 21	15 8 4	17° 2'27	19°35	10°24	29° 8	13°15	3°35	29°44	29°32	5°20	5°16	29°50	28°58	18° 7	n.a.	T 21
W22	15 12 0	17°59'31	1♌38	9°57	0♊21	12°57	3°42	29°51	29°35	5°22	5°16	29°49	28°55	18°13	n.a.	W22
T 23	15 15 57	18°56'35	13°53	9°34	1°35	12°40	3°49	29°57	29°38	5°24	5°16	29°D48	28°52	18°20	n.a.	T 23
F 24	15 19 54	19°53'38	26°23	9°14	2°48	12°22	3°56	0♋ 3	29°41	5°26	5°16	29°48	28°49	18°27	n.a.	F 24
S 25	15 23 50	20°50'42	9♍14	8°58	4° 2	12° 5	4° 3	0°10	29°44	5°28	5°16	29°49	28°45	18°33	n.a.	S 25
S 26	15 27 47	21°47'45	22°29	8°46	5°15	11°48	4°11	0°16	29°47	5°31	5°16	29°50	28°42	18°40	n.a.	S 26
M27	15 31 43	22°44'48	6♎10	8°39	6°29	11°31	4°18	0°23	29°50	5°33	5°16	29°52	28°39	18°47	n.a.	M27
T 28	15 35 40	23°41'51	20°17	8°D36	7°43	11°14	4°26	0°29	29°54	5°35	5°D16	29°53	28°36	18°53	n.a.	T 28
W29	15 39 36	24°38'54	4♏50	8°39	8°56	10°58	4°34	0°36	29°57	5°37	5°16	29°R53	28°33	19° 0	n.a.	W29
T 30	15 43 33	25°35'58	19°43	8°46	10°10	10°43	4°42	0°43	0♋ 0	5°39	5°16	29°52	28°29	19° 7	n.a.	T 30
F 31	15 47 30	26♉33'01	4♐48	8♉59	11♊23	10♏27	4♌50	0♋50	0♋ 3	5♉41	5♍16	29♈50	28♈26	19♊13	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	10n56	10s 7	0n19	18n 7	0n53	13n11	0s 6	18s35	1s 1	21n27	1n23	24n10	0n21	24n16	0n26	11n37	1s45	25n56	17n38	11n39	11n40	26n45			n.a.
T 2	11 17	16 26	1s 2	17 57	0 40	13 38	0 4	18 35	1 5	21 26	1 23	24 11	0 21	24 16	0 26	11 38	1 45	25 56	17 38	11 39	11 39	26 47			n.a.
F 3	11 38	21 50	2 20	17 45	0 26	14 5	0 1	18 36	1 9	21 24	1 23	24 11	0 21	24 16	0 26	11 38	1 45	25 55	17 37	11 39	11 38	26 48			n.a.
S 4	11 58	25 52	3 28	17 32	0 11	14 31	0n 1	18 36	1 13	21 23	1 22	24 11	0 21	24 16	0 26	11 39	1 45	25 55	17 37	11 39	11 37	26 49			n.a.
S 5	12 18	28 8	4 22	17 16	0s 4	14 57	0 4	18 37	1 17	21 22	1 22	24 11	0 21	24 16	0 26	11 40	1 45	25 55	17 36	11 39	11 36	26 51			n.a.
M 6	12 38	28 25	4 58	16 59	0 20	15 23	0 6	18 37	1 22	21 21	1 22	24 11	0 21	24 16	0 25	11 41	1 45	25 55	17 36	11 39	11 35	26 52			n.a.
T 7	12 58	26 47	5 16	16 41	0 36	15 49	0 8	18 37	1 26	21 20	1 22	24 11	0 21	24 16	0 25	11 41	1 45	25 55	17 36	11 39	11 33	26 53			n.a.
W 8	13 18	23 33	5 14	16 20	0 53	16 14	0 11	18 36	1 30	21 18	1 22	24 11	0 21	24 16	0 25	11 42	1 45	25 55	17 35	11 39	11 32	26 55			n.a.
T 9	13 37	19 5	4 54	15 59	1 9	16 39	0 13	18 36	1 34	21 17	1 21	24 12	0 21	24 16	0 25	11 43	1 45	25 54	17 34	11 39	11 31	26 56			n.a.
F 10	13 56	13 46	4 19	15 36	1 26	17 3	0 16	18 35	1 38	21 15	1 21	24 12	0 22	24 16	0 25	11 44	1 45	25 54	17 34	11 39	11 30	26 57			n.a.
S 11	14 15	7 57	3 31	15 13	1 43	17 27	0 18	18 35	1 42	21 14	1 21	24 12	0 22	24 16	0 25	11 45	1 45	25 54	17 33	11 39	11 29	26 58			n.a.
S 12	14 34	1 56	2 34	14 49	1 59	17 50	0 20	18 34	1 47	21 13	1 21	24 12	0 22	24 16	0 25	11 45	1 45	25 54	17 33	11 40	11 28	27 0			n.a.
M13	14 53	4n 5	1 30	14 24	2 15	18 13	0 23	18 33	1 51	21 11	1 21	24 12	0 22	24 16	0 25	11 46	1 45	25 53	17 32	11 40	11 27	27 1			n.a.
T 14	15 11	9 50	0 22	14 0	2 30	18 35	0 25	18 32	1 55	21 10	1 21	24 12	0 22	24 16	0 25	11 47	1 45	25 53	17 32	11 40	11 25	27 2			n.a.
W15	15 29	15 10	0n45	13 36	2 45	18 57	0 27	18 31	1 59	21 8	1 20	24 12	0 22	24 16	0 25	11 48	1 45	25 53	17 31	11 40	11 24	27 3			n.a.
T 16	15 47	19 51	1 49	13 12	2 59	19 19	0 30	18 29	2 3	21 6	1 20	24 12	0 22	24 16	0 25	11 48	1 45	25 52	17 31	11 40	11 23	27 5			n.a.
F 17	16 5	23 41	2 48	12 49	3 12	19 40	0 32	18 28	2 7	21 5	1 20	24 12	0 22	24 16	0 25	11 49	1 45	25 52	17 30	11 39	11 22	27 6			n.a.
S 18	16 22	26 30	3 40	12 27	3 24	20 0	0 34	18 26	2 11	21 3	1 20	24 13	0 22	24 16	0 25	11 50	1 45	25 52	17 30	11 39	11 21	27 7			n.a.
S 19	16 39	28 8	4 21	12 7	3 35	20 20	0 37	18 24	2 15	21 1	1 20	24 13	0 22	24 16	0 25	11 51	1 45	25 51	17 29	11 38	11 20	27 8			n.a.
M20	16 56	28 29	4 52	11 48	3 44	20 39	0 39	18 23	2 19	21 0	1 20	24 13	0 22	24 16	0 25	11 51	1 45	25 51	17 29	11 37	11 19	27 10			n.a.
T 21	17 12	27 30	5 10	11 31	3 52	20 58	0 41	18 21	2 23	20 58	1 19	24 13	0 22	24 16	0 25	11 52	1 45	25 50	17 28	11 36	11 17	27 11			n.a.
W22	17 29	25 15	5 15	11 16	3 59	21 16	0 43	18 19	2 27	20 56	1 19	24 13	0 22	24 16	0 25	11 53	1 45	25 50	17 28	11 36	11 16	27 12			n.a.
T 23	17 45	21 49	5 6	11 4	4 4	21 34	0 45	18 17	2 31	20 54	1 19	24 13	0 22	24 16	0 25	11 53	1 45	25 50	17 27	11 35	11 15	27 13			n.a.
F 24	18 1	17 20	4 42	10 54	4 8	21 51	0 48	18 15	2 34	20 52	1 19	24 13	0 22	24 16	0 25	11 54	1 45	25 49	17 26	11 35	11 14	27 14			n.a.
S 25	18 16	11 59	4 4	10 46	4 11	22 7	0 50	18 13	2 38	20 50	1 19	24 13	0 22	24 16	0 25	11 55	1 45	25 49	17 26	11 36	11 13	27 16			n.a.
S 26	18 31	5 57	3 12	10 41	4 12	22 23	0 52	18 11	2 42	20 48	1 19	24 13	0 23	24 16	0 25	11 56	1 45	25 48	17 25	11 36	11 12	27 17			n.a.
M27	18 46	0s33	2 7	10 39	4 12	22 38	0 54	18 9	2 45	20 46	1 18	24 13	0 23	24 16	0 25	11 56	1 45	25 48	17 25	11 37	11 11	27 18			n.a.
T 28	19 1	7 15	0 53	10 40	4 10	22 53	0 56	18 7	2 49	20 44	1 18	24 13	0 23	24 16	0 25	11 57	1 45	25 47	17 24	11 37	11 9	27 19			n.a.
W29	19 15	13 47	0s27	10 43	4 8	23 7	0 58	18 5	2 52	20 42	1 18	24 13	0 23	24 16	0 25	11 58	1 45	25 47	17 24	11 37	11 8	27 20			n.a.
T 30	19 29	19 40	1 47	10 49	4 4	23 20	1 0	18 3	2 55	20 40	1 18	24 13	0 23	24 16	0 25	11 58	1 45	25 46	17 23	11 37	11 7	27 21			n.a.
F 31	19n43	24s24	3s 0	10n58	3s59	23n33	1n 2	18s 1	2s58	20n38	1n18	24n13	0n23	24n16	0n25	11n59	1s45	25n45	17n22	11n36	11n 6	27n22			n.a.

Julian Day Number = 1270459.5, Delta T = 08h17m39s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'58, Lahiri = -20°59'58 Julian Calendar 1 May 1235 BCE == Greg. Calendar 20 Apr. 1235 BCE

The year -1234 astronomical counting style corresponds to year 1235 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1235 BCE
geocentric

JUNE 1235 BCE (-1234) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 51 26	27♉30'06	19♐58	9♉17	12♊37	10°R13	4♌58	0♋56	0♋ 7	5♉43	5♍16	29°R46	28♈23	19♊20	n.a.	S 1
S 2	15 55 23	28°27'10	5♑ 2	9°40	13°50	9♏58	5° 6	1° 3	0°10	5°45	5°16	29♈43	28°20	19°27	n.a.	S 2
M 3	15 59 19	29°24'15	19°51	10° 8	15° 4	9°45	5°14	1°10	0°13	5°48	5°16	29°39	28°17	19°34	n.a.	M 3
T 4	16 3 16	0♊21'21	4♒20	10°41	16°17	9°31	5°23	1°17	0°16	5°50	5°16	29°36	28°14	19°40	n.a.	T 4
W 5	16 7 12	1°18'28	18°23	11°20	17°31	9°19	5°31	1°24	0°20	5°52	5°17	29°34	28°10	19°47	n.a.	W 5
T 6	16 11 9	2°15'35	2♓ 1	12° 4	18°44	9° 7	5°40	1°31	0°23	5°54	5°17	29°D33	28° 7	19°54	n.a.	T 6
F 7	16 15 5	3°12'43	15°15	12°52	19°58	8°56	5°49	1°38	0°27	5°56	5°17	29°34	28° 4	20° 0	n.a.	F 7
S 8	16 19 2	4° 9'52	28° 7	13°46	21°11	8°45	5°58	1°45	0°30	5°58	5°18	29°35	28° 1	20° 7	n.a.	S 8
S 9	16 22 59	5° 7'01	10♈41	14°45	22°25	8°35	6° 7	1°52	0°34	6° 0	5°18	29°36	27°58	20°14	n.a.	S 9
M10	16 26 55	6° 4'12	23° 1	15°49	23°38	8°26	6°16	1°59	0°37	6° 2	5°19	29°38	27°54	20°20	n.a.	M10
T 11	16 30 52	7° 1'23	5♉ 9	16°57	24°52	8°18	6°25	2° 6	0°40	6° 4	5°19	29°R38	27°51	20°27	n.a.	T 11
W12	16 34 48	7°58'36	17° 9	18°10	26° 5	8°10	6°34	2°13	0°44	6° 6	5°20	29°36	27°48	20°34	n.a.	W12
T 13	16 38 45	8°55'49	29° 4	19°28	27°19	8° 3	6°44	2°21	0°47	6° 8	5°20	29°33	27°45	20°40	n.a.	T 13
F 14	16 42 41	9°53'03	10♊55	20°51	28°32	7°57	6°53	2°28	0°51	6°10	5°21	29°27	27°42	20°47	n.a.	F 14
S 15	16 46 38	10°50'17	22°45	22°18	29°46	7°52	7° 3	2°35	0°55	6°12	5°21	29°21	27°39	20°54	n.a.	S 15
S 16	16 50 35	11°47'33	4♋36	23°49	0♋59	7°47	7°13	2°42	0°58	6°14	5°22	29°13	27°35	21° 1	n.a.	S 16
M17	16 54 31	12°44'49	16°29	25°24	2°13	7°44	7°23	2°50	1° 2	6°15	5°23	29° 5	27°32	21° 7	n.a.	M17
T 18	16 58 28	13°42'06	28°26	27° 3	3°26	7°41	7°32	2°57	1° 5	6°17	5°23	28°58	27°29	21°14	n.a.	T 18
W19	17 2 24	14°39'24	10♌31	28°46	4°40	7°39	7°42	3° 4	1° 9	6°19	5°24	28°51	27°26	21°21	n.a.	W19
T 20	17 6 21	15°36'42	22°46	0♊32	5°53	7°38	7°53	3°12	1°13	6°21	5°25	28°47	27°23	21°27	n.a.	T 20
F 21	17 10 17	16°34'02	5♍15	2°22	7° 7	7°D38	8° 3	3°19	1°16	6°23	5°26	28°44	27°20	21°34	n.a.	F 21
S 22	17 14 14	17°31'21	18° 2	4°14	8°20	7°39	8°13	3°27	1°20	6°25	5°26	28°D44	27°16	21°41	n.a.	S 22
S 23	17 18 10	18°28'42	1♎10	6°10	9°34	7°40	8°23	3°34	1°23	6°26	5°27	28°44	27°13	21°47	n.a.	S 23
M24	17 22 7	19°26'03	14°43	8° 7	10°47	7°42	8°34	3°41	1°27	6°28	5°28	28°45	27°10	21°54	n.a.	M24
T 25	17 26 4	20°23'25	28°44	10° 7	12° 0	7°46	8°44	3°49	1°31	6°30	5°29	28°R46	27° 7	22° 1	n.a.	T 25
W26	17 30 0	21°20'48	13♏11	12° 8	13°14	7°50	8°55	3°56	1°34	6°32	5°30	28°45	27° 4	22° 8	n.a.	W26
T 27	17 33 57	22°18'13	28° 2	14°10	14°27	7°54	9° 5	4° 4	1°38	6°33	5°31	28°42	27° 0	22°14	n.a.	T 27
F 28	17 37 53	23°15'38	13♐11	16°13	15°41	8° 0	9°16	4°12	1°42	6°35	5°32	28°37	26°57	22°21	n.a.	F 28
S 29	17 41 50	24°13'04	28°29	18°17	16°54	8° 6	9°27	4°19	1°46	6°37	5°33	28°30	26°54	22°28	n.a.	S 29
S 30	17 45 46	25♊10'32	13♑44	20♊21	18♋ 7	8♏14	9♌38	4♋27	1♋49	6♉38	5♍34	28♈22	26♈51	22♊34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n56	27s27	4s 1	11n 9	3s53	23n44	1n 4	17s59	3s 1	20n36	1n18	24n13	0n23	24n16	0n25	12n 0	1s45	25n45	17n22	11n35	11n 5	27n24		n.a.
S 2	20 9	28 29	4 44	11 23	3 46	23 56	1 5	17 57	3 4	20 34	1 17	24 13	0 23	24 16	0 25	12 1	1 45	25 44	17 21	11 33	11 4	27 25		n.a.
M 3	20 22	27 25	5 8	11 40	3 38	24 6	1 7	17 56	3 7	20 32	1 17	24 13	0 23	24 16	0 25	12 1	1 45	25 44	17 21	11 32	11 2	27 26		n.a.
T 4	20 34	24 32	5 12	11 58	3 29	24 16	1 9	17 54	3 10	20 29	1 17	24 13	0 23	24 16	0 25	12 2	1 45	25 43	17 20	11 31	11 1	27 27		n.a.
W 5	20 46	20 15	4 56	12 19	3 20	24 25	1 11	17 52	3 13	20 27	1 17	24 13	0 23	24 16	0 25	12 3	1 45	25 42	17 20	11 30	11 0	27 28		n.a.
T 6	20 58	15 2	4 24	12 42	3 10	24 33	1 12	17 51	3 15	20 25	1 17	24 13	0 23	24 16	0 25	12 3	1 45	25 42	17 19	11 30	10 59	27 29		n.a.
F 7	21 9	9 15	3 39	13 7	2 59	24 41	1 14	17 50	3 18	20 22	1 17	24 13	0 23	24 16	0 25	12 4	1 45	25 41	17 18	11 30	10 58	27 30		n.a.
S 8	21 20	3 15	2 43	13 34	2 48	24 48	1 15	17 48	3 20	20 20	1 17	24 13	0 23	24 16	0 25	12 5	1 45	25 41	17 18	11 31	10 57	27 31		n.a.
S 9	21 31	2n45	1 42	14 3	2 36	24 54	1 17	17 47	3 22	20 18	1 16	24 13	0 23	24 16	0 25	12 5	1 46	25 40	17 17	11 31	10 56	27 32		n.a.
M10	21 41	8 32	0 36	14 33	2 24	24 59	1 18	17 46	3 24	20 15	1 16	24 13	0 24	24 16	0 25	12 6	1 46	25 39	17 17	11 32	10 54	27 33		n.a.
T 11	21 51	13 56	0n30	15 5	2 11	25 4	1 20	17 45	3 27	20 13	1 16	24 13	0 24	24 16	0 25	12 7	1 46	25 38	17 16	11 32	10 53	27 34		n.a.
W12	22 0	18 44	1 34	15 38	1 59	25 8	1 21	17 45	3 29	20 10	1 16	24 13	0 24	24 16	0 25	12 7	1 46	25 38	17 16	11 31	10 52	27 35		n.a.
T 13	22 10	22 46	2 33	16 12	1 46	25 11	1 22	17 44	3 30	20 8	1 16	24 13	0 24	24 16	0 25	12 8	1 46	25 37	17 15	11 30	10 51	27 36		n.a.
F 14	22 18	25 50	3 25	16 47	1 32	25 14	1 23	17 44	3 32	20 5	1 16	24 13	0 24	24 16	0 25	12 8	1 46	25 36	17 14	11 28	10 50	27 37		n.a.
S 15	22 27	27 46	4 8	17 23	1 19	25 15	1 25	17 44	3 34	20 2	1 16	24 13	0 24	24 16	0 25	12 9	1 46	25 36	17 14	11 26	10 49	27 38		n.a.
S 16	22 35	28 26	4 40	17 59	1 6	25 16	1 26	17 44	3 35	20 0	1 16	24 13	0 24	24 16	0 25	12 10	1 46	25 35	17 13	11 23	10 47	27 39		n.a.
M17	22 43	27 47	5 1	18 35	0 53	25 16	1 27	17 44	3 37	19 57	1 15	24 13	0 24	24 16	0 25	12 10	1 46	25 34	17 13	11 20	10 46	27 40		n.a.
T 18	22 50	25 50	5 8	19 11	0 40	25 16	1 28	17 44	3 38	19 54	1 15	24 13	0 24	24 16	0 25	12 11	1 46	25 33	17 12	11 17	10 45	27 41		n.a.
W19	22 57	22 43	5 2	19 47	0 27	25 14	1 29	17 45	3 40	19 52	1 15	24 13	0 24	24 16	0 25	12 11	1 46	25 32	17 12	11 15	10 44	27 42		n.a.
T 20	23 3	18 35	4 42	20 22	0 14	25 12	1 30	17 46	3 41	19 49	1 15	24 13	0 24	24 16	0 25	12 12	1 46	25 32	17 11	11 13	10 43	27 43		n.a.
F 21	23 9	13 34	4 8	20 57	0 2	25 9	1 30	17 47	3 42	19 46	1 15	24 12	0 24	24 16	0 25	12 13	1 46	25 31	17 11	11 12	10 42	27 44		n.a.
S 22	23 15	7 53	3 21	21 30	0n10	25 5	1 31	17 48	3 43	19 43	1 15	24 12	0 24	24 15	0 25	12 13	1 46	25 30	17 10	11 12	10 40	27 45		n.a.
S 23	23 20	1 42	2 23	22 3	0 21	25 1	1 32	17 50	3 44	19 40	1 15	24 12	0 25	24 15	0 25	12 14	1 46	25 29	17 9	11 12	10 39	27 46		n.a.
M24	23 25	4s45	1 15	22 33	0 32	24 56	1 32	17 51	3 45	19 38	1 15	24 12	0 25	24 15	0 25	12 14	1 46	25 28	17 9	11 13	10 38	27 47		n.a.
T 25	23 29	11 12	0 0	23 2	0 42	24 50	1 33	17 53	3 46	19 35	1 15	24 12	0 25	24 15	0 25	12 15	1 46	25 27	17 8	11 13	10 37	27 48		n.a.
W26	23 33	17 16	1s17	23 28	0 51	24 43	1 33	17 55	3 47	19 32	1 14	24 12	0 25	24 15	0 25	12 15	1 46	25 27	17 8	11 13	10 36	27 49		n.a.
T 27	23 37	22 30	2 30	23 53	1 0	24 36	1 34	17 57	3 47	19 29	1 14	24 12	0 25	24 15	0 25	12 16	1 46	25 26	17 7	11 12	10 35	27 50		n.a.
F 28	23 40	26 19	3 35	24 15	1 8	24 28	1 34	18 0	3 48	19 26	1 14	24 11	0 25	24 15	0 25	12 16	1 46	25 25	17 7	11 10	10 34	27 51		n.a.
S 29	23 43	28 15	4 24	24 34	1 15	24 19	1 34	18 2	3 49	19 23	1 14	24 11	0 25	24 15	0 25	12 17	1 46	25 24	17 6	11 7	10 32	27 52		n.a.
S 30	23n45	28s 1	4s55	24n51	1n22	24n 9	1n34	18s 5	3s49	19n20	1n14	24n11	0n25	24n15	0n25	12n17	1s46	25n23	17n 6	11n 4	10n31	27n53		n.a.

Julian Day Number = 1270490.5, Delta T = 08h17m38s
Ecliptic obliquity = 23°50'36, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'54, Lahiri = -20°59'54 Julian Calendar 1 June 1235 BCE == Greg. Calendar 21 May 1235 BCE

The year -1234 astronomical counting style corresponds to year 1235 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1235 BCE
geocentric

JULY 1235 BCE (-1234) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 49 43	26♊ 8'01	28♉47	22♊25	19♋21	8♏21	9♌49	4♋34	1♋53	6♉40	5♍35	28°R13	26♈48	22♊41	n.a.	M 1
T 2	17 53 40	27° 5'32	13♒28	24°29	20°34	8°30	10° 0	4°42	1°57	6°41	5°36	28♈ 6	26°45	22°48	n.a.	T 2
W 3	17 57 36	28° 3'04	27°42	26°33	21°47	8°40	10°11	4°49	2° 0	6°43	5°38	28° 1	26°41	22°54	n.a.	W 3
T 4	18 1 33	29° 0'37	11♓26	28°36	23° 1	8°50	10°22	4°57	2° 4	6°44	5°39	27°57	26°38	23° 1	n.a.	T 4
F 5	18 5 29	29°58'13	24°42	0♋38	24°14	9° 1	10°33	5° 5	2° 8	6°46	5°40	27°D56	26°35	23° 8	n.a.	F 5
S 6	18 9 26	0♋55'49	7♈32	2°39	25°27	9°12	10°45	5°12	2°12	6°47	5°41	27°56	26°32	23°15	n.a.	S 6
S 7	18 13 22	1°53'28	20° 1	4°39	26°41	9°25	10°56	5°20	2°15	6°49	5°43	27°56	26°29	23°21	n.a.	S 7
M 8	18 17 19	2°51'09	2♉14	6°37	27°54	9°38	11° 8	5°27	2°19	6°50	5°44	27°R56	26°26	23°28	n.a.	M 8
T 9	18 21 15	3°48'51	14°15	8°35	29° 7	9°52	11°19	5°35	2°23	6°52	5°45	27°55	26°22	23°35	n.a.	T 9
W10	18 25 12	4°46'35	26° 9	10°32	0♌21	10° 6	11°31	5°43	2°27	6°53	5°47	27°51	26°19	23°41	n.a.	W10
T 11	18 29 9	5°44'20	7♊59	12°27	1°34	10°21	11°42	5°50	2°30	6°54	5°48	27°45	26°16	23°48	n.a.	T 11
F 12	18 33 5	6°42'08	19°49	14°20	2°47	10°37	11°54	5°58	2°34	6°56	5°50	27°36	26°13	23°55	n.a.	F 12
S 13	18 37 2	7°39'57	1♋40	16°13	4° 0	10°54	12° 6	6° 6	2°38	6°57	5°51	27°25	26°10	24° 1	n.a.	S 13
S 14	18 40 58	8°37'48	13°34	18° 4	5°14	11°11	12°18	6°13	2°42	6°58	5°53	27°12	26° 6	24° 8	n.a.	S 14
M15	18 44 55	9°35'40	25°33	19°54	6°27	11°28	12°29	6°21	2°45	7° 0	5°54	26°59	26° 3	24°15	n.a.	M15
T 16	18 48 51	10°33'34	7♌38	21°42	7°40	11°47	12°41	6°28	2°49	7° 1	5°56	26°47	26° 0	24°22	n.a.	T 16
W17	18 52 48	11°31'30	19°50	23°29	8°53	12° 6	12°53	6°36	2°53	7° 2	5°57	26°36	25°57	24°28	n.a.	W17
T 18	18 56 44	12°29'26	2♍11	25°15	10° 6	12°25	13° 5	6°44	2°56	7° 3	5°59	26°28	25°54	24°35	n.a.	T 18
F 19	19 0 41	13°27'25	14°44	26°59	11°19	12°46	13°17	6°51	3° 0	7° 4	6° 1	26°22	25°51	24°42	n.a.	F 19
S 20	19 4 38	14°25'25	27°32	28°42	12°33	13° 6	13°30	6°59	3° 4	7° 5	6° 2	26°19	25°47	24°48	n.a.	S 20
S 21	19 8 34	15°23'26	10♎37	0♌24	13°46	13°28	13°42	7° 6	3° 7	7° 7	6° 4	26°18	25°44	24°55	n.a.	S 21
M22	19 12 31	16°21'29	24° 3	2° 4	14°59	13°49	13°54	7°14	3°11	7° 8	6° 6	26°18	25°41	25° 2	n.a.	M22
T 23	19 16 27	17°19'34	7♏53	3°43	16°12	14°12	14° 6	7°22	3°15	7° 9	6° 7	26°18	25°38	25° 9	n.a.	T 23
W24	19 20 24	18°17'40	22° 8	5°21	17°25	14°35	14°19	7°29	3°18	7°10	6° 9	26°16	25°35	25°15	n.a.	W24
T 25	19 24 20	19°15'48	6♐46	6°58	18°38	14°58	14°31	7°37	3°22	7°10	6°11	26°12	25°32	25°22	n.a.	T 25
F 26	19 28 17	20°13'57	21°43	8°33	19°51	15°22	14°43	7°44	3°26	7°11	6°13	26° 5	25°28	25°29	n.a.	F 26
S 27	19 32 13	21°12'09	6♑53	10° 7	21° 4	15°46	14°56	7°52	3°29	7°12	6°14	25°56	25°25	25°35	n.a.	S 27
S 28	19 36 10	22°10'22	22° 4	11°40	22°17	16°11	15° 8	7°59	3°33	7°13	6°16	25°45	25°22	25°42	n.a.	S 28
M29	19 40 7	23° 8'37	7♒ 7	13°12	23°30	16°37	15°21	8° 7	3°36	7°14	6°18	25°34	25°19	25°49	n.a.	M29
T 30	19 44 3	24° 6'54	21°52	14°42	24°43	17° 2	15°33	8°14	3°40	7°15	6°20	25°24	25°16	25°55	n.a.	T 30
W31	19 48 0	25♋ 5'13	6♓12	16♌11	25♌56	17♏29	15♌46	8♋21	3♋44	7♉16	6♍22	25♈16	25♈12	26♊ 2	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n47	25s43	5s 5	25n 5	1n28	23n59	1n34	18s 8	3s50	19n17	1n14	24n11	0n25	24n15	0n25	12n18	1s46	25n22	17n 5	11n 1	10n30	27n54		n.a.
T 2	23 49	21 45	4 54	25 16	1 33	23 48	1 35	18 12	3 50	19 13	1 14	24 11	0 25	24 15	0 25	12 18	1 46	25 21	17 5	10 59	10 29	27 55		n.a.
W 3	23 50	16 37	4 25	25 25	1 37	23 36	1 34	18 15	3 50	19 10	1 14	24 11	0 25	24 15	0 25	12 19	1 46	25 20	17 4	10 57	10 28	27 55		n.a.
T 4	23 50	10 48	3 42	25 31	1 41	23 24	1 34	18 19	3 50	19 7	1 14	24 10	0 25	24 15	0 25	12 19	1 46	25 19	17 4	10 55	10 27	27 56		n.a.
F 5	23 51	4 42	2 48	25 34	1 44	23 10	1 34	18 22	3 51	19 4	1 14	24 10	0 25	24 15	0 25	12 20	1 46	25 18	17 3	10 55	10 25	27 57		n.a.
S 6	23 50	1n24	1 47	25 35	1 46	22 57	1 34	18 26	3 51	19 1	1 14	24 10	0 26	24 15	0 25	12 20	1 46	25 17	17 3	10 55	10 24	27 58		n.a.
S 7	23 50	7 18	0 42	25 33	1 47	22 42	1 34	18 30	3 51	18 57	1 13	24 10	0 26	24 15	0 25	12 21	1 46	25 16	17 2	10 55	10 23	27 59		n.a.
M 8	23 49	12 48	0n23	25 29	1 48	22 27	1 33	18 35	3 51	18 54	1 13	24 9	0 26	24 15	0 25	12 21	1 46	25 15	17 2	10 55	10 22	28 0		n.a.
T 9	23 47	17 45	1 26	25 22	1 48	22 11	1 33	18 39	3 51	18 51	1 13	24 9	0 26	24 15	0 25	12 22	1 47	25 14	17 1	10 55	10 21	28 0		n.a.
W10	23 45	21 57	2 24	25 13	1 48	21 55	1 32	18 44	3 51	18 47	1 13	24 9	0 26	24 15	0 25	12 22	1 47	25 13	17 1	10 53	10 20	28 1		n.a.
T 11	23 43	25 14	3 16	25 2	1 47	21 38	1 32	18 49	3 51	18 44	1 13	24 9	0 26	24 15	0 25	12 22	1 47	25 12	17 0	10 51	10 18	28 2		n.a.
F 12	23 40	27 25	3 59	24 48	1 46	21 20	1 31	18 54	3 50	18 41	1 13	24 8	0 26	24 15	0 25	12 23	1 47	25 11	17 0	10 48	10 17	28 3		n.a.
S 13	23 37	28 21	4 32	24 33	1 44	21 2	1 30	18 59	3 50	18 37	1 13	24 8	0 26	24 14	0 25	12 23	1 47	25 10	16 59	10 44	10 16	28 4		n.a.
S 14	23 33	27 59	4 52	24 16	1 41	20 43	1 29	19 4	3 50	18 34	1 13	24 8	0 26	24 14	0 25	12 24	1 47	25 9	16 59	10 39	10 15	28 4		n.a.
M15	23 29	26 19	5 1	23 57	1 38	20 24	1 28	19 9	3 50	18 30	1 13	24 8	0 26	24 14	0 25	12 24	1 47	25 8	16 58	10 34	10 14	28 5		n.a.
T 16	23 25	23 25	4 55	23 37	1 35	20 4	1 27	19 15	3 49	18 27	1 13	24 7	0 26	24 14	0 25	12 24	1 47	25 7	16 58	10 30	10 12	28 6		n.a.
W17	23 20	19 29	4 37	23 15	1 31	19 43	1 26	19 21	3 49	18 23	1 13	24 7	0 27	24 14	0 25	12 25	1 47	25 6	16 57	10 26	10 11	28 7		n.a.
T 18	23 15	14 40	4 5	22 52	1 27	19 22	1 25	19 27	3 49	18 20	1 13	24 7	0 27	24 14	0 26	12 25	1 47	25 5	16 57	10 23	10 10	28 8		n.a.
F 19	23 9	9 11	3 21	22 27	1 22	19 1	1 24	19 32	3 48	18 16	1 13	24 6	0 27	24 14	0 26	12 25	1 47	25 4	16 56	10 21	10 9	28 8		n.a.
S 20	23 3	3 13	2 26	22 2	1 17	18 39	1 22	19 38	3 48	18 13	1 13	24 6	0 27	24 14	0 26	12 26	1 47	25 3	16 56	10 20	10 8	28 9		n.a.
S 21	22 56	3s 1	1 22	21 35	1 12	18 16	1 21	19 45	3 47	18 9	1 13	24 6	0 27	24 14	0 26	12 26	1 47	25 2	16 56	10 19	10 7	28 10		n.a.
M22	22 49	9 18	0 12	21 7	1 6	17 53	1 20	19 51	3 47	18 5	1 12	24 5	0 27	24 14	0 26	12 26	1 47	25 1	16 55	10 19	10 5	28 10		n.a.
T 23	22 42	15 20	1s 1	20 38	1 1	17 29	1 18	19 57	3 46	18 2	1 12	24 5	0 27	24 14	0 26	12 27	1 47	25 0	16 55	10 19	10 4	28 11		n.a.
W24	22 34	20 44	2 12	20 8	0 54	17 5	1 17	20 4	3 45	17 58	1 12	24 5	0 27	24 14	0 26	12 27	1 47	24 59	16 54	10 18	10 3	28 12		n.a.
T 25	22 26	25 1	3 16	19 37	0 48	16 41	1 15	20 10	3 45	17 54	1 12	24 4	0 27	24 14	0 26	12 27	1 47	24 58	16 54	10 17	10 2	28 13		n.a.
F 26	22 17	27 43	4 8	19 6	0 41	16 16	1 13	20 17	3 44	17 51	1 12	24 4	0 27	24 13	0 26	12 27	1 47	24 57	16 54	10 14	10 1	28 13		n.a.
S 27	22 8	28 23	4 44	18 34	0 35	15 50	1 11	20 24	3 43	17 47	1 12	24 4	0 27	24 13	0 26	12 28	1 47	24 56	16 53	10 11	10 0	28 14		n.a.
S 28	21 59	26 55	5 0	18 1	0 28	15 25	1 10	20 30	3 43	17 43	1 12	24 3	0 28	24 13	0 26	12 28	1 47	24 55	16 53	10 7	9 58	28 15		n.a.
M29	21 49	23 32	4 54	17 28	0 20	14 59	1 8	20 37	3 42	17 39	1 12	24 3	0 28	24 13	0 26	12 28	1 47	24 54	16 52	10 3	9 57	28 15		n.a.
T 30	21 39	18 41	4 29	16 54	0 13	14 32	1 6	20 44	3 41	17 35	1 12	24 3	0 28	24 13	0 26	12 28	1 48	24 53	16 52	9 59	9 56	28 16		n.a.
W31	21n29	12s54	3s48	16n20	0n 5	14n 5	1n 4	20s51	3s40	17n32	1n12	24n 2	0n28	24n13	0n26	12n28	1s48	24n52	16n52	9n56	9n55	28n17		n.a.

Julian Day Number = 1270520.5, Delta T = 08h17m36s
Ecliptic obliquity = 23°50'36, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'50, Lahiri = -20°59'50 Julian Calendar 1 July 1235 BCE == Greg. Calendar 20 June 1235 BCE

The year -1234 astronomical counting style corresponds to year 1235 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1235 BCE
geocentric

AUGUST 1235 BCE (-1234) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 51 56	26♋ 3'34	20♓ 2	17♌39	27♌ 8	17♏55	15♌59	8♋29	3♋47	7♉16	6♍24	25°R10	25♈ 9	26♊ 9	n.a.	T 1
F 2	19 55 53	27° 1'57	3♈22	19° 6	28°21	18°22	16°11	8°36	3°51	7°17	6°26	25♈ 7	25° 6	26°16	n.a.	F 2
S 3	19 59 49	28° 0'23	16°16	20°31	29°34	18°50	16°24	8°44	3°54	7°18	6°28	25° 6	25° 3	26°22	n.a.	S 3
S 4	20 3 46	28°58'51	28°47	21°55	0♍47	19°18	16°37	8°51	3°58	7°18	6°30	25° 6	25° 0	26°29	n.a.	S 4
M 5	20 7 42	29°57'21	10♉59	23°18	2° 0	19°46	16°49	8°58	4° 1	7°19	6°32	25° 6	24°57	26°36	n.a.	M 5
T 6	20 11 39	0♌55'54	22°59	24°39	3°12	20°14	17° 2	9° 6	4° 5	7°20	6°34	25° 4	24°53	26°42	n.a.	T 6
W 7	20 15 35	1°54'29	4♊52	25°59	4°25	20°43	17°15	9°13	4° 8	7°20	6°36	25° 0	24°50	26°49	n.a.	W 7
T 8	20 19 32	2°53'06	16°41	27°18	5°38	21°13	17°28	9°20	4°11	7°21	6°38	24°54	24°47	26°56	n.a.	T 8
F 9	20 23 29	3°51'46	28°31	28°35	6°51	21°43	17°41	9°27	4°15	7°21	6°40	24°45	24°44	27° 3	n.a.	F 9
S 10	20 27 25	4°50'28	10♋26	29°50	8° 3	22°13	17°53	9°34	4°18	7°21	6°42	24°33	24°41	27° 9	n.a.	S 10
S 11	20 31 22	5°49'12	22°26	1♍ 4	9°16	22°43	18° 6	9°42	4°21	7°22	6°44	24°20	24°38	27°16	n.a.	S 11
M12	20 35 18	6°47'58	4♌34	2°16	10°28	23°14	18°19	9°49	4°25	7°22	6°47	24° 6	24°34	27°23	n.a.	M12
T 13	20 39 15	7°46'47	16°50	3°27	11°41	23°45	18°32	9°56	4°28	7°23	6°49	23°53	24°31	27°29	n.a.	T 13
W14	20 43 11	8°45'37	29°16	4°35	12°54	24°17	18°45	10° 3	4°31	7°23	6°51	23°41	24°28	27°36	n.a.	W14
T 15	20 47 8	9°44'30	11♍51	5°42	14° 6	24°48	18°58	10°10	4°35	7°23	6°53	23°33	24°25	27°43	n.a.	T 15
F 16	20 51 4	10°43'24	24°37	6°46	15°19	25°20	19°11	10°17	4°38	7°23	6°55	23°27	24°22	27°50	n.a.	F 16
S 17	20 55 1	11°42'20	7♎34	7°48	16°31	25°53	19°24	10°24	4°41	7°24	6°57	23°23	24°18	27°56	n.a.	S 17
S 18	20 58 58	12°41'19	20°45	8°48	17°43	26°26	19°37	10°30	4°44	7°24	7° 0	23°D22	24°15	28° 3	n.a.	S 18
M19	21 2 54	13°40'19	4♏12	9°44	18°56	26°58	19°50	10°37	4°47	7°24	7° 2	23°23	24°12	28°10	n.a.	M19
T 20	21 6 51	14°39'21	17°57	10°38	20° 8	27°32	20° 3	10°44	4°50	7°24	7° 4	23°R23	24° 9	28°16	n.a.	T 20
W21	21 10 47	15°38'25	2♐ 0	11°29	21°20	28° 5	20°16	10°51	4°53	7°24	7° 6	23°22	24° 6	28°23	n.a.	W21
T 22	21 14 44	16°37'31	16°21	12°17	22°33	28°39	20°29	10°57	4°56	7°24	7° 9	23°19	24° 3	28°30	n.a.	T 22
F 23	21 18 40	17°36'40	0♑58	13° 0	23°45	29°13	20°42	11° 4	4°59	7°R24	7°11	23°13	23°59	28°36	n.a.	F 23
S 24	21 22 37	18°35'49	15°47	13°40	24°57	29°47	20°55	11°11	5° 2	7°24	7°13	23° 5	23°56	28°43	n.a.	S 24
S 25	21 26 33	19°35'01	0♒39	14°16	26° 9	0♐22	21° 9	11°17	5° 5	7°24	7°16	22°56	23°53	28°50	n.a.	S 25
M26	21 30 30	20°34'15	15°26	14°46	27°21	0°57	21°22	11°24	5° 8	7°24	7°18	22°46	23°50	28°57	n.a.	M26
T 27	21 34 27	21°33'31	0♓ 0	15°12	28°33	1°32	21°35	11°30	5°11	7°24	7°20	22°37	23°47	29° 3	n.a.	T 27
W28	21 38 23	22°32'50	14°14	15°32	29°45	2° 7	21°48	11°37	5°14	7°24	7°23	22°29	23°44	29°10	n.a.	W28
T 29	21 42 20	23°32'10	28° 3	15°46	0♎57	2°42	22° 1	11°43	5°17	7°23	7°25	22°24	23°40	29°17	n.a.	T 29
F 30	21 46 16	24°31'33	11♈25	15°53	2° 9	3°18	22°14	11°49	5°19	7°23	7°27	22°22	23°37	29°23	n.a.	F 30
S 31	21 50 13	25♌30'58	24♈22	15°R54	3♎21	3♐54	22♌27	11♋56	5♋22	7♉23	7♍30	22°D21	23♈34	29♊30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n18	6s40	2s54	15n46	0s 2	13n38	1n 1	20s58	3s40	17n28	1n12	24n 2	0n28	24n13	0n26	12n29	1s48	24n50	16n51	9n54	9n54	28n17			n.a.
F 2	21 6	0 21	1 52	15 11	0 10	13 10	0 59	21 5	3 39	17 24	1 12	24 1	0 28	24 13	0 26	12 29	1 48	24 49	16 51	9 53	9 52	28 18			n.a.
S 3	20 55	5n47	0 47	14 36	0 18	12 42	0 57	21 12	3 38	17 20	1 12	24 1	0 28	24 13	0 26	12 29	1 48	24 48	16 51	9 52	9 51	28 18			n.a.
S 4	20 43	11 31	0n19	14 1	0 26	12 14	0 55	21 19	3 37	17 16	1 12	24 1	0 28	24 13	0 26	12 29	1 48	24 47	16 50	9 52	9 50	28 19			n.a.
M 5	20 30	16 41	1 23	13 26	0 34	11 45	0 52	21 26	3 36	17 12	1 12	24 0	0 28	24 13	0 26	12 29	1 48	24 46	16 50	9 52	9 49	28 20			n.a.
T 6	20 17	21 7	2 22	12 51	0 43	11 16	0 50	21 33	3 35	17 8	1 12	24 0	0 28	24 13	0 26	12 29	1 48	24 45	16 50	9 52	9 48	28 20			n.a.
W 7	20 4	24 38	3 14	12 16	0 51	10 47	0 47	21 40	3 34	17 4	1 12	24 0	0 29	24 12	0 26	12 30	1 48	24 44	16 49	9 50	9 47	28 21			n.a.
T 8	19 51	27 5	3 57	11 41	1 0	10 18	0 45	21 47	3 33	17 0	1 12	23 59	0 29	24 12	0 26	12 30	1 48	24 43	16 49	9 48	9 45	28 21			n.a.
F 9	19 37	28 20	4 30	11 6	1 8	9 48	0 42	21 55	3 32	16 56	1 12	23 59	0 29	24 12	0 26	12 30	1 48	24 42	16 49	9 45	9 44	28 22			n.a.
S 10	19 23	28 16	4 51	10 32	1 16	9 18	0 39	22 2	3 31	16 52	1 12	23 58	0 29	24 12	0 26	12 30	1 48	24 41	16 48	9 40	9 43	28 23			n.a.
S 11	19 8	26 52	5 0	9 57	1 25	8 48	0 37	22 9	3 30	16 48	1 12	23 58	0 29	24 12	0 26	12 30	1 48	24 40	16 48	9 35	9 42	28 23			n.a.
M12	18 53	24 13	4 55	9 23	1 33	8 17	0 34	22 16	3 29	16 44	1 12	23 57	0 29	24 12	0 26	12 30	1 48	24 38	16 48	9 30	9 41	28 24			n.a.
T 13	18 38	20 26	4 37	8 50	1 42	7 47	0 31	22 23	3 28	16 40	1 12	23 57	0 29	24 12	0 26	12 30	1 48	24 37	16 48	9 25	9 39	28 24			n.a.
W14	18 22	15 44	4 5	8 17	1 50	7 16	0 28	22 30	3 27	16 36	1 12	23 57	0 29	24 12	0 26	12 30	1 48	24 36	16 47	9 21	9 38	28 25			n.a.
T 15	18 7	10 19	3 21	7 45	1 58	6 45	0 25	22 37	3 26	16 32	1 12	23 56	0 29	24 12	0 26	12 30	1 48	24 35	16 47	9 18	9 37	28 25			n.a.
F 16	17 50	4 24	2 26	7 13	2 7	6 14	0 22	22 44	3 25	16 27	1 12	23 56	0 30	24 12	0 26	12 30	1 48	24 34	16 47	9 15	9 36	28 26			n.a.
S 17	17 34	1s47	1 23	6 42	2 15	5 42	0 19	22 51	3 24	16 23	1 12	23 55	0 30	24 12	0 26	12 30	1 49	24 33	16 47	9 14	9 35	28 26			n.a.
S 18	17 17	8 1	0 14	6 12	2 23	5 11	0 16	22 58	3 23	16 19	1 12	23 55	0 30	24 11	0 26	12 30	1 49	24 32	16 46	9 14	9 34	28 27			n.a.
M19	17 0	14 2	0s57	5 44	2 31	4 39	0 13	23 5	3 22	16 15	1 12	23 54	0 30	24 11	0 26	12 30	1 49	24 31	16 46	9 14	9 32	28 27			n.a.
T 20	16 43	19 29	2 7	5 16	2 38	4 7	0 10	23 12	3 21	16 11	1 12	23 54	0 30	24 11	0 26	12 30	1 49	24 30	16 46	9 14	9 31	28 28			n.a.
W21	16 25	24 1	3 10	4 50	2 46	3 36	0 7	23 18	3 20	16 7	1 12	23 54	0 30	24 11	0 26	12 30	1 49	24 29	16 46	9 13	9 30	28 28			n.a.
T 22	16 7	27 9	4 3	4 25	2 53	3 4	0 4	23 25	3 18	16 2	1 12	23 53	0 30	24 11	0 26	12 30	1 49	24 28	16 46	9 12	9 29	28 29			n.a.
F 23	15 49	28 31	4 41	4 2	3 0	2 32	0 0	23 32	3 17	15 58	1 12	23 53	0 30	24 11	0 26	12 30	1 49	24 27	16 45	9 10	9 28	28 29			n.a.
S 24	15 30	27 52	5 1	3 40	3 6	2 0	0s 3	23 38	3 16	15 54	1 12	23 52	0 30	24 11	0 26	12 30	1 49	24 26	16 45	9 7	9 26	28 30			n.a.
S 25	15 12	25 14	5 0	3 21	3 12	1 27	0 6	23 45	3 15	15 50	1 12	23 52	0 31	24 11	0 26	12 30	1 49	24 25	16 45	9 4	9 25	28 30			n.a.
M26	14 53	20 55	4 40	3 4	3 17	0 55	0 10	23 51	3 14	15 45	1 12	23 51	0 31	24 11	0 26	12 30	1 49	24 23	16 45	9 0	9 24	28 31			n.a.
T 27	14 33	15 25	4 2	2 50	3 22	0 23	0 13	23 57	3 13	15 41	1 12	23 51	0 31	24 11	0 26	12 30	1 49	24 22	16 45	8 56	9 23	28 31			n.a.
W28	14 14	9 12	3 9	2 38	3 26	0s 9	0 16	24 3	3 11	15 37	1 12	23 50	0 31	24 11	0 26	12 30	1 49	24 21	16 45	8 54	9 22	28 31			n.a.
T 29	13 54	2 43	2 6	2 30	3 29	0 41	0 20	24 9	3 10	15 33	1 12	23 50	0 31	24 10	0 26	12 30	1 49	24 20	16 45	8 52	9 20	28 32			n.a.
F 30	13 34	3n42	0 58	2 25	3 32	1 14	0 23	24 15	3 9	15 28	1 12	23 49	0 31	24 10	0 26	12 29	1 49	24 19	16 44	8 51	9 19	28 32			n.a.
S 31	13n14	9n46	0n11	2n23	3s33	1s46	0s27	24s21	3s 8	15n24	1n12	23n49	0n31	24n10	0n26	12n29	1s49	24n18	16n44	8n51	9n18	28n33			n.a.

Julian Day Number = 1270551.5, Delta T = 08h17m34s
Ecliptic obliquity = 23°50'36, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'46, Lahiri = -20°59'45 Julian Calendar 1 Aug. 1235 BCE == Greg. Calendar 21 July 1235 BCE

The year -1234 astronomical counting style corresponds to year 1235 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1235 BCE
geocentric

SEPTEMBER 1235 BCE (-1234) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 54 9	26♌30'26	6♉56	15°R47	4♎33	4♐30	22♌40	12♋ 2	5♋25	7°R23	7♍32	22♈22	23♈31	29♊37	n.a.	S 1
M 2	21 58 6	27°29'56	19°11	15♍32	5°45	5° 6	22°53	12° 8	5°27	7♉22	7°34	22°23	23°28	29°44	n.a.	M 2
T 3	22 2 2	28°29'29	1♊13	15° 9	6°57	5°43	23° 6	12°14	5°30	7°22	7°37	22°R23	23°24	29°50	n.a.	T 3
W 4	22 5 59	29°29'04	13° 7	14°38	8° 8	6°19	23°19	12°20	5°33	7°22	7°39	22°22	23°21	29°57	n.a.	W 4
T 5	22 9 55	0♍28'42	24°58	13°59	9°20	6°56	23°32	12°26	5°35	7°21	7°42	22°19	23°18	0♋ 4	n.a.	T 5
F 6	22 13 52	1°28'22	6♋50	13°11	10°32	7°33	23°45	12°32	5°38	7°21	7°44	22°13	23°15	0°10	n.a.	F 6
S 7	22 17 49	2°28'05	18°48	12°16	11°43	8°10	23°58	12°38	5°40	7°20	7°46	22° 6	23°12	0°17	n.a.	S 7
S 8	22 21 45	3°27'49	0♌54	11°14	12°55	8°48	24°11	12°43	5°43	7°20	7°49	21°57	23° 9	0°24	n.a.	S 8
M 9	22 25 42	4°27'36	13°11	10° 7	14° 6	9°25	24°24	12°49	5°45	7°19	7°51	21°48	23° 5	0°31	n.a.	M 9
T 10	22 29 38	5°27'25	25°40	8°55	15°18	10° 3	24°37	12°55	5°47	7°18	7°54	21°39	23° 2	0°37	n.a.	T 10
W11	22 33 35	6°27'17	8♍22	7°41	16°29	10°41	24°50	13° 0	5°50	7°18	7°56	21°31	22°59	0°44	n.a.	W11
T 12	22 37 31	7°27'10	21°17	6°26	17°40	11°19	25° 3	13° 6	5°52	7°17	7°58	21°26	22°56	0°51	n.a.	T 12
F 13	22 41 28	8°27'06	4♎23	5°14	18°52	11°57	25°16	13°11	5°54	7°16	8° 1	21°22	22°53	0°57	n.a.	F 13
S 14	22 45 24	9°27'03	17°41	4° 5	20° 3	12°35	25°29	13°16	5°56	7°16	8° 3	21°D21	22°50	1° 4	n.a.	S 14
S 15	22 49 21	10°27'02	1♏10	3° 3	21°14	13°14	25°42	13°22	5°58	7°15	8° 6	21°21	22°46	1°11	n.a.	S 15
M16	22 53 17	11°27'03	14°50	2° 9	22°25	13°53	25°55	13°27	6° 0	7°14	8° 8	21°22	22°43	1°18	n.a.	M16
T 17	22 57 14	12°27'06	28°41	1°24	23°36	14°31	26° 8	13°32	6° 2	7°13	8°11	21°24	22°40	1°24	n.a.	T 17
W18	23 1 11	13°27'11	12♐42	0°50	24°47	15°10	26°21	13°37	6° 4	7°13	8°13	21°R24	22°37	1°31	n.a.	W18
T 19	23 5 7	14°27'18	26°53	0°27	25°58	15°49	26°33	13°42	6° 6	7°12	8°15	21°24	22°34	1°38	n.a.	T 19
F 20	23 9 4	15°27'26	11♑11	0°15	27° 9	16°28	26°46	13°47	6° 8	7°11	8°18	21°21	22°30	1°44	n.a.	F 20
S 21	23 13 0	16°27'36	25°35	0°D15	28°19	17° 8	26°59	13°52	6°10	7°10	8°20	21°18	22°27	1°51	n.a.	S 21
S 22	23 16 57	17°27'47	9♒59	0°26	29°30	17°47	27°12	13°56	6°12	7° 9	8°23	21°13	22°24	1°58	n.a.	S 22
M23	23 20 53	18°28'01	24°18	0°48	0♏40	18°27	27°24	14° 1	6°13	7° 8	8°25	21° 7	22°21	2° 5	n.a.	M23
T 24	23 24 50	19°28'16	8♓28	1°19	1°51	19° 6	27°37	14° 6	6°15	7° 7	8°27	21° 3	22°18	2°11	n.a.	T 24
W25	23 28 46	20°28'33	22°23	1°59	3° 1	19°46	27°50	14°10	6°17	7° 6	8°30	20°59	22°15	2°18	n.a.	W25
T 26	23 32 43	21°28'51	5♈59	2°47	4°12	20°26	28° 2	14°15	6°18	7° 5	8°32	20°56	22°11	2°25	n.a.	T 26
F 27	23 36 40	22°29'12	19°14	3°42	5°22	21° 6	28°15	14°19	6°20	7° 4	8°34	20°D55	22° 8	2°31	n.a.	F 27
S 28	23 40 36	23°29'35	2♉ 8	4°44	6°32	21°46	28°27	14°23	6°21	7° 3	8°37	20°56	22° 5	2°38	n.a.	S 28
S 29	23 44 33	24°29'59	14°42	5°51	7°42	22°26	28°39	14°27	6°22	7° 2	8°39	20°57	22° 2	2°45	n.a.	S 29
M30	23 48 29	25♍30'26	27♉ 0	7♍ 3	8♏52	23♐ 6	28♌52	14♋31	6♋24	7♉ 0	8♍41	20♈59	21♈59	2♋52	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n53	15n16	1n17	2n26	3s33	2s18	0s30	24s27	3s 6	15n20	1n12	23n49	0n31	24n10	0n26	12n29	1s49	24n17	16n44	8n51	9n17	28n33		n.a.
M 2	12 33	20 2	2 19	2 33	3 32	2 50	0 34	24 33	3 5	15 15	1 12	23 48	0 32	24 10	0 26	12 29	1 49	24 16	16 44	8 51	9 16	28 33		n.a.
T 3	12 12	23 54	3 13	2 44	3 29	3 22	0 37	24 38	3 4	15 11	1 12	23 48	0 32	24 10	0 26	12 29	1 49	24 15	16 44	8 51	9 14	28 34		n.a.
W 4	11 51	26 41	3 58	3 0	3 25	3 54	0 41	24 44	3 3	15 7	1 13	23 47	0 32	24 10	0 26	12 29	1 50	24 14	16 44	8 51	9 13	28 34		n.a.
T 5	11 29	28 17	4 33	3 21	3 19	4 26	0 44	24 49	3 1	15 2	1 13	23 47	0 32	24 10	0 27	12 28	1 50	24 13	16 44	8 50	9 12	28 34		n.a.
F 6	11 8	28 35	4 56	3 47	3 11	4 58	0 48	24 54	3 0	14 58	1 13	23 46	0 32	24 10	0 27	12 28	1 50	24 12	16 44	8 48	9 11	28 35		n.a.
S 7	10 46	27 33	5 6	4 17	3 1	5 30	0 52	24 59	2 59	14 54	1 13	23 46	0 32	24 10	0 27	12 28	1 50	24 11	16 44	8 45	9 10	28 35		n.a.
S 8	10 24	25 13	5 3	4 52	2 49	6 2	0 55	25 4	2 58	14 49	1 13	23 46	0 32	24 10	0 27	12 28	1 50	24 10	16 44	8 42	9 9	28 35		n.a.
M 9	10 2	21 42	4 46	5 31	2 35	6 33	0 59	25 8	2 56	14 45	1 13	23 45	0 32	24 10	0 27	12 28	1 50	24 9	16 44	8 38	9 7	28 36		n.a.
T 10	9 40	17 10	4 15	6 13	2 20	7 4	1 2	25 13	2 55	14 41	1 13	23 45	0 33	24 10	0 27	12 27	1 50	24 8	16 44	8 35	9 6	28 36		n.a.
W11	9 18	11 49	3 31	6 57	2 2	7 36	1 6	25 17	2 54	14 36	1 13	23 44	0 33	24 9	0 27	12 27	1 50	24 7	16 44	8 32	9 5	28 36		n.a.
T 12	8 55	5 53	2 35	7 42	1 43	8 7	1 9	25 22	2 52	14 32	1 13	23 44	0 33	24 9	0 27	12 27	1 50	24 6	16 44	8 30	9 4	28 37		n.a.
F 13	8 32	0s24	1 31	8 27	1 24	8 38	1 13	25 26	2 51	14 27	1 13	23 43	0 33	24 9	0 27	12 27	1 50	24 5	16 44	8 28	9 3	28 37		n.a.
S 14	8 9	6 45	0 20	9 12	1 3	9 8	1 16	25 30	2 50	14 23	1 13	23 43	0 33	24 9	0 27	12 26	1 50	24 5	16 44	8 28	9 1	28 37		n.a.
S 15	7 46	12 54	0s53	9 53	0 43	9 39	1 20	25 33	2 49	14 19	1 13	23 43	0 33	24 9	0 27	12 26	1 50	24 4	16 44	8 28	9 0	28 37		n.a.
M16	7 23	18 32	2 4	10 32	0 23	10 9	1 23	25 37	2 47	14 14	1 13	23 42	0 33	24 9	0 27	12 26	1 50	24 3	16 44	8 28	8 59	28 38		n.a.
T 17	7 0	23 16	3 9	11 7	0 3	10 39	1 27	25 40	2 46	14 10	1 13	23 42	0 34	24 9	0 27	12 25	1 50	24 2	16 44	8 29	8 58	28 38		n.a.
W18	6 37	26 43	4 3	11 37	0n16	11 9	1 30	25 44	2 45	14 6	1 13	23 42	0 34	24 9	0 27	12 25	1 50	24 1	16 44	8 29	8 57	28 38		n.a.
T 19	6 13	28 31	4 43	12 1	0 33	11 39	1 34	25 47	2 43	14 1	1 14	23 41	0 34	24 9	0 27	12 25	1 50	24 0	16 44	8 29	8 55	28 38		n.a.
F 20	5 50	28 27	5 6	12 21	0 50	12 8	1 37	25 50	2 42	13 57	1 14	23 41	0 34	24 9	0 27	12 24	1 50	23 59	16 44	8 28	8 54	28 39		n.a.
S 21	5 26	26 27	5 10	12 34	1 4	12 37	1 41	25 52	2 41	13 53	1 14	23 40	0 34	24 9	0 27	12 24	1 50	23 58	16 44	8 26	8 53	28 39		n.a.
S 22	5 2	22 46	4 55	12 43	1 17	13 6	1 44	25 55	2 39	13 48	1 14	23 40	0 34	24 9	0 27	12 24	1 50	23 57	16 44	8 25	8 52	28 39		n.a.
M23	4 38	17 44	4 21	12 45	1 29	13 34	1 47	25 57	2 38	13 44	1 14	23 40	0 34	24 9	0 27	12 23	1 50	23 56	16 44	8 23	8 51	28 39		n.a.
T 24	4 14	11 47	3 31	12 43	1 39	14 2	1 50	25 59	2 37	13 40	1 14	23 39	0 35	24 9	0 27	12 23	1 50	23 56	16 44	8 21	8 49	28 39		n.a.
W25	3 50	5 22	2 30	12 37	1 47	14 30	1 54	26 1	2 35	13 35	1 14	23 39	0 35	24 9	0 27	12 23	1 51	23 55	16 44	8 19	8 48	28 40		n.a.
T 26	3 26	1n11	1 21	12 25	1 54	14 58	1 57	26 3	2 34	13 31	1 14	23 39	0 35	24 9	0 27	12 22	1 51	23 54	16 45	8 18	8 47	28 40		n.a.
F 27	3 2	7 31	0 9	12 10	2 0	15 25	2 0	26 5	2 33	13 27	1 14	23 38	0 35	24 9	0 27	12 22	1 51	23 53	16 45	8 18	8 46	28 40		n.a.
S 28	2 38	13 22	1n 1	11 51	2 4	15 51	2 3	26 6	2 31	13 22	1 14	23 38	0 35	24 8	0 27	12 21	1 51	23 52	16 45	8 18	8 45	28 40		n.a.
S 29	2 13	18 32	2 7	11 29	2 7	16 18	2 6	26 7	2 30	13 18	1 15	23 38	0 35	24 8	0 27	12 21	1 51	23 52	16 45	8 19	8 43	28 40		n.a.
M30	1n49	22n49	3n 5	11n 4	2n 9	16s44	2s 9	26s 8	2s29	13n14	1n15	23n37	0n35	24n 8	0n27	12n20	1s51	23n51	16n45	8n19	8n42	28n40		n.a.

Julian Day Number = 1270582.5, Delta T = 08h17m33s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'42, Lahiri = -20°59'41 Julian Calendar 1 Sept. 1235 BCE == Greg. Calendar 21 Aug. 1235 BCE

The year -1234 astronomical counting style corresponds to year 1235 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1235 BCE
geocentric

OCTOBER 1235 BCE (-1234) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 52 26	26♍30'55	9♊ 4	8♍19	10♏ 2	23♐46	29♌ 4	14♋35	6♋25	6°R59	8♍44	21♈ 1	21♈55	2♋58	n.a.	T 1
W 2	23 56 22	27°31'26	21° 0	9°38	11°12	24°27	29°17	14°39	6°26	6♉58	8°46	21° 2	21°52	3° 5	n.a.	W 2
T 3	0 0 19	28°31'59	2♋52	11° 1	12°21	25° 7	29°29	14°43	6°28	6°57	8°48	21°R 2	21°49	3°12	n.a.	T 3
F 4	0 4 15	29°32'34	14°45	12°25	13°31	25°48	29°41	14°47	6°29	6°55	8°51	21° 1	21°46	3°18	n.a.	F 4
S 5	0 8 12	0♎33'11	26°44	13°52	14°40	26°28	29°53	14°50	6°30	6°54	8°53	20°59	21°43	3°25	n.a.	S 5
S 6	0 12 9	1°33'49	8♌53	15°21	15°50	27° 9	0♍ 5	14°54	6°31	6°53	8°55	20°56	21°40	3°32	n.a.	S 6
M 7	0 16 5	2°34'30	21°15	16°51	16°59	27°50	0°17	14°57	6°32	6°52	8°58	20°53	21°36	3°39	n.a.	M 7
T 8	0 20 2	3°35'12	3♍54	18°22	18° 8	28°31	0°29	15° 0	6°33	6°50	9° 0	20°51	21°33	3°45	n.a.	T 8
W 9	0 23 58	4°35'56	16°49	19°55	19°17	29°12	0°41	15° 4	6°34	6°49	9° 2	20°48	21°30	3°52	n.a.	W 9
T 10	0 27 55	5°36'42	0♎ 3	21°27	20°26	29°53	0°53	15° 7	6°34	6°47	9° 4	20°47	21°27	3°59	n.a.	T 10
F 11	0 31 51	6°37'29	13°33	23° 1	21°35	0♑34	1° 5	15°10	6°35	6°46	9° 6	20°46	21°24	4° 5	n.a.	F 11
S 12	0 35 48	7°38'18	27°17	24°35	22°43	1°15	1°17	15°13	6°36	6°45	9° 9	20°D46	21°21	4°12	n.a.	S 12
S 13	0 39 44	8°39'08	11♏14	26° 9	23°52	1°56	1°28	15°15	6°37	6°43	9°11	20°46	21°17	4°19	n.a.	S 13
M14	0 43 41	9°39'59	25°19	27°44	25° 0	2°37	1°40	15°18	6°37	6°42	9°13	20°47	21°14	4°26	n.a.	M14
T 15	0 47 37	10°40'52	9♐29	29°18	26° 9	3°19	1°52	15°21	6°38	6°40	9°15	20°48	21°11	4°32	n.a.	T 15
W16	0 51 34	11°41'46	23°42	0♎53	27°17	4° 0	2° 3	15°23	6°38	6°39	9°17	20°49	21° 8	4°39	n.a.	W16
T 17	0 55 31	12°42'41	7♑55	2°28	28°25	4°41	2°15	15°26	6°39	6°37	9°19	20°R49	21° 5	4°46	n.a.	T 17
F 18	0 59 27	13°43'36	22° 6	4° 3	29°32	5°23	2°26	15°28	6°39	6°36	9°21	20°49	21° 1	4°53	n.a.	F 18
S 19	1 3 24	14°44'33	6♒11	5°37	0♐40	6° 4	2°37	15°30	6°39	6°34	9°23	20°49	20°58	4°59	n.a.	S 19
S 20	1 7 20	15°45'31	20°11	7°12	1°47	6°46	2°48	15°32	6°40	6°32	9°26	20°48	20°55	5° 6	n.a.	S 20
M21	1 11 17	16°46'29	4♓ 1	8°47	2°54	7°28	3° 0	15°34	6°40	6°31	9°28	20°48	20°52	5°13	n.a.	M21
T 22	1 15 13	17°47'29	17°41	10°22	4° 2	8° 9	3°11	15°36	6°40	6°29	9°30	20°47	20°49	5°19	n.a.	T 22
W23	1 19 10	18°48'29	1♈ 9	11°56	5° 8	8°51	3°22	15°38	6°40	6°28	9°32	20°47	20°46	5°26	n.a.	W23
T 24	1 23 6	19°49'31	14°22	13°31	6°15	9°33	3°33	15°39	6°R40	6°26	9°34	20°47	20°42	5°33	n.a.	T 24
F 25	1 27 3	20°50'33	27°21	15° 5	7°21	10°15	3°43	15°41	6°40	6°24	9°36	20°47	20°39	5°40	n.a.	F 25
S 26	1 31 0	21°51'37	10♉ 4	16°40	8°28	10°56	3°54	15°42	6°40	6°23	9°37	20°47	20°36	5°46	n.a.	S 26
S 27	1 34 56	22°52'42	22°32	18°14	9°34	11°38	4° 5	15°44	6°40	6°21	9°39	20°47	20°33	5°53	n.a.	S 27
M28	1 38 53	23°53'48	4♊48	19°49	10°39	12°20	4°15	15°45	6°40	6°20	9°41	20°46	20°30	6° 0	n.a.	M28
T 29	1 42 49	24°54'55	16°52	21°23	11°45	13° 2	4°26	15°46	6°39	6°18	9°43	20°46	20°27	6° 6	n.a.	T 29
W30	1 46 46	25°56'03	28°48	22°57	12°50	13°44	4°36	15°47	6°39	6°16	9°45	20°45	20°23	6°13	n.a.	W30
T 31	1 50 42	26♎57'12	10♋40	24♎32	13♐55	14♑26	4♍47	15♋48	6♋39	6♉15	9♍47	20♈45	20♈20	6♋20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n24	26n 2	3n54	10n36	2n10	17s 9	2s12	26s 9	2s27	13n 9	1n15	23n37	0n36	24n 8	0n27	12n20	1s51	23n50	16n45	8n20	8n41	28n41			n.a.
W 2	1 0	28 4	4 33	10 5	2 10	17 35	2 15	26 9	2 26	13 5	1 15	23 37	0 36	24 8	0 27	12 20	1 51	23 49	16 45	8 20	8 40	28 41			n.a.
T 3	0 36	28 48	4 59	9 33	2 10	17 59	2 18	26 10	2 25	13 1	1 15	23 37	0 36	24 8	0 27	12 19	1 51	23 49	16 46	8 20	8 38	28 41			n.a.
F 4	0 11	28 11	5 13	8 59	2 8	18 24	2 21	26 10	2 23	12 57	1 15	23 36	0 36	24 8	0 27	12 19	1 51	23 48	16 46	8 20	8 37	28 41			n.a.
S 5	0s13	26 17	5 13	8 23	2 6	18 47	2 23	26 10	2 22	12 52	1 15	23 36	0 36	24 8	0 27	12 18	1 51	23 47	16 46	8 19	8 36	28 41			n.a.
S 6	0 38	23 9	4 59	7 45	2 3	19 11	2 26	26 9	2 21	12 48	1 15	23 36	0 36	24 8	0 27	12 18	1 51	23 46	16 46	8 18	8 35	28 41			n.a.
M 7	1 2	18 56	4 32	7 7	2 0	19 34	2 29	26 9	2 19	12 44	1 15	23 36	0 36	24 8	0 28	12 17	1 51	23 46	16 46	8 17	8 34	28 41			n.a.
T 8	1 27	13 49	3 51	6 27	1 57	19 56	2 31	26 8	2 18	12 40	1 16	23 35	0 37	24 8	0 28	12 17	1 51	23 45	16 47	8 16	8 32	28 41			n.a.
W 9	1 51	7 59	2 57	5 47	1 52	20 18	2 33	26 7	2 16	12 35	1 16	23 35	0 37	24 8	0 28	12 16	1 51	23 44	16 47	8 15	8 31	28 41			n.a.
T 10	2 16	1 41	1 52	5 5	1 48	20 39	2 36	26 6	2 15	12 31	1 16	23 35	0 37	24 8	0 28	12 16	1 51	23 44	16 47	8 15	8 30	28 41			n.a.
F 11	2 40	4s49	0 40	4 24	1 43	21 0	2 38	26 4	2 14	12 27	1 16	23 35	0 37	24 8	0 28	12 15	1 51	23 43	16 47	8 14	8 29	28 41			n.a.
S 12	3 5	11 14	0s36	3 41	1 38	21 21	2 40	26 3	2 12	12 23	1 16	23 35	0 37	24 8	0 28	12 15	1 51	23 42	16 48	8 14	8 28	28 41			n.a.
S 13	3 29	17 12	1 51	2 58	1 33	21 40	2 42	26 1	2 11	12 19	1 16	23 34	0 37	24 8	0 28	12 14	1 51	23 42	16 48	8 15	8 26	28 41			n.a.
M14	3 54	22 19	3 0	2 15	1 27	22 0	2 44	25 59	2 10	12 15	1 16	23 34	0 38	24 8	0 28	12 14	1 51	23 41	16 48	8 15	8 25	28 42			n.a.
T 15	4 18	26 10	3 58	1 31	1 21	22 18	2 46	25 57	2 8	12 11	1 17	23 34	0 38	24 8	0 28	12 13	1 51	23 41	16 49	8 15	8 24	28 42			n.a.
W16	4 42	28 23	4 42	0 48	1 15	22 36	2 48	25 54	2 7	12 7	1 17	23 34	0 38	24 8	0 28	12 13	1 51	23 40	16 49	8 16	8 23	28 42			n.a.
T 17	5 6	28 44	5 9	0 4	1 9	22 54	2 50	25 51	2 6	12 3	1 17	23 34	0 38	24 8	0 28	12 12	1 51	23 40	16 49	8 16	8 22	28 42			n.a.
F 18	5 30	27 12	5 17	0s40	1 3	23 11	2 51	25 48	2 4	11 59	1 17	23 34	0 38	24 8	0 28	12 12	1 51	23 39	16 49	8 16	8 20	28 42			n.a.
S 19	5 54	23 58	5 5	1 24	0 57	23 27	2 53	25 45	2 3	11 55	1 17	23 34	0 38	24 8	0 28	12 11	1 51	23 38	16 50	8 15	8 19	28 41			n.a.
S 20	6 18	19 21	4 36	2 8	0 50	23 43	2 54	25 42	2 2	11 51	1 17	23 34	0 39	24 8	0 28	12 11	1 51	23 38	16 50	8 15	8 18	28 41			n.a.
M21	6 42	13 47	3 51	2 52	0 44	23 58	2 56	25 38	2 1	11 47	1 18	23 34	0 39	24 8	0 28	12 10	1 51	23 37	16 50	8 15	8 17	28 41			n.a.
T 22	7 6	7 36	2 53	3 36	0 37	24 12	2 57	25 34	1 59	11 43	1 18	23 33	0 39	24 8	0 28	12 10	1 51	23 37	16 51	8 15	8 15	28 41			n.a.
W23	7 29	1 10	1 47	4 20	0 31	24 26	2 58	25 30	1 58	11 39	1 18	23 33	0 39	24 8	0 28	12 9	1 51	23 37	16 51	8 15	8 14	28 41			n.a.
T 24	7 53	5n13	0 36	5 3	0 24	24 39	2 59	25 26	1 57	11 35	1 18	23 33	0 39	24 8	0 28	12 9	1 51	23 36	16 52	8 15	8 13	28 41			n.a.
F 25	8 16	11 16	0n36	5 46	0 18	24 51	3 0	25 21	1 55	11 31	1 18	23 33	0 39	24 8	0 28	12 8	1 51	23 36	16 52	8 15	8 12	28 41			n.a.
S 26	8 39	16 44	1 45	6 29	0 11	25 3	3 0	25 17	1 54	11 27	1 18	23 33	0 40	24 9	0 28	12 7	1 51	23 35	16 52	8 15	8 11	28 41			n.a.
S 27	9 3	21 24	2 47	7 12	0 4	25 14	3 1	25 12	1 53	11 24	1 19	23 33	0 40	24 9	0 28	12 7	1 51	23 35	16 53	8 15	8 9	28 41			n.a.
M28	9 25	25 4	3 40	7 54	0s 2	25 25	3 1	25 6	1 51	11 20	1 19	23 33	0 40	24 9	0 28	12 6	1 51	23 34	16 53	8 15	8 8	28 41			n.a.
T 29	9 48	27 33	4 23	8 37	0 9	25 34	3 2	25 1	1 50	11 16	1 19	23 33	0 40	24 9	0 28	12 6	1 51	23 34	16 53	8 14	8 7	28 41			n.a.
W30	10 11	28 44	4 54	9 18	0 15	25 44	3 2	24 55	1 49	11 12	1 19	23 33	0 40	24 9	0 28	12 5	1 51	23 34	16 54	8 14	8 6	28 41			n.a.
T 31	10s33	28n35	5n12	10s 0	0s22	25s52	3s 2	24s50	1s47	11n 9	1n19	23n34	0n40	24n 9	0n28	12n 5	1s51	23n33	16n54	8n14	8n 5	28n41			n.a.

Julian Day Number = 1270612.5, Delta T = 08h17m31s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'38, Lahiri = -20°59'37 Julian Calendar 1 Oct. 1235 BCE == Greg. Calendar 20 Sept. 1235 BCE

The year -1234 astronomical counting style corresponds to year 1235 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1235 BCE
geocentric

NOVEMBER 1235 BCE (-1234) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 54 39	27♎58'22	22♋33	26♎ 6	15♐ 0	15♑ 8	4♍57	15♋49	6°R38	6°R13	9♍49	20°D44	20♈17	6♋27	n.a.	F 1
S 2	1 58 36	28°59'34	4♌30	27°40	16° 5	15°50	5° 7	15°49	6♋38	6♉11	9°50	20♈44	20°14	6°33	n.a.	S 2
S 3	2 2 32	0♏ 0'46	16°38	29°15	17° 9	16°32	5°17	15°50	6°37	6° 9	9°52	20°45	20°11	6°40	n.a.	S 3
M 4	2 6 29	1° 1'59	28°59	0♏49	18°13	17°14	5°27	15°50	6°37	6° 8	9°54	20°46	20° 7	6°47	n.a.	M 4
T 5	2 10 25	2° 3'13	11♍38	2°24	19°16	17°56	5°37	15°51	6°36	6° 6	9°55	20°47	20° 4	6°53	n.a.	T 5
W 6	2 14 22	3° 4'28	24°39	3°58	20°20	18°38	5°46	15°51	6°35	6° 4	9°57	20°48	20° 1	7° 0	n.a.	W 6
T 7	2 18 18	4° 5'44	8♎ 3	5°33	21°23	19°21	5°56	15°R51	6°35	6° 3	9°59	20°49	19°58	7° 7	n.a.	T 7
F 8	2 22 15	5° 7'00	21°50	7° 8	22°26	20° 3	6° 5	15°51	6°34	6° 1	10° 0	20°R49	19°55	7°14	n.a.	F 8
S 9	2 26 11	6° 8'17	5♏58	8°43	23°28	20°45	6°15	15°51	6°33	5°59	10° 2	20°49	19°52	7°20	n.a.	S 9
S 10	2 30 8	7° 9'35	20°22	10°18	24°30	21°27	6°24	15°51	6°32	5°58	10° 3	20°47	19°48	7°27	n.a.	S 10
M11	2 34 5	8°10'53	4♐58	11°54	25°32	22° 9	6°33	15°50	6°31	5°56	10° 5	20°45	19°45	7°34	n.a.	M11
T 12	2 38 1	9°12'11	19°38	13°29	26°33	22°52	6°42	15°50	6°30	5°54	10° 6	20°43	19°42	7°41	n.a.	T 12
W13	2 41 58	10°13'29	4♑15	15° 5	27°34	23°34	6°51	15°49	6°29	5°52	10° 8	20°40	19°39	7°47	n.a.	W13
T 14	2 45 54	11°14'48	18°44	16°41	28°34	24°16	7° 0	15°49	6°28	5°51	10° 9	20°38	19°36	7°54	n.a.	T 14
F 15	2 49 51	12°16'06	3♒ 1	18°17	29°34	24°58	7° 9	15°48	6°27	5°49	10°11	20°37	19°33	8° 1	n.a.	F 15
S 16	2 53 47	13°17'24	17° 3	19°53	0♑34	25°41	7°17	15°47	6°26	5°47	10°12	20°D36	19°29	8° 7	n.a.	S 16
S 17	2 57 44	14°18'42	0♓49	21°29	1°33	26°23	7°26	15°46	6°24	5°46	10°13	20°37	19°26	8°14	n.a.	S 17
M18	3 1 41	15°20'00	14°19	23° 6	2°32	27° 5	7°34	15°45	6°23	5°44	10°15	20°39	19°23	8°21	n.a.	M18
T 19	3 5 37	16°21'18	27°35	24°43	3°30	27°48	7°42	15°44	6°22	5°42	10°16	20°40	19°20	8°28	n.a.	T 19
W20	3 9 34	17°22'35	10♈37	26°20	4°28	28°30	7°50	15°42	6°20	5°41	10°17	20°42	19°17	8°34	n.a.	W20
T 21	3 13 30	18°23'52	23°26	27°57	5°25	29°12	7°58	15°41	6°19	5°39	10°19	20°R42	19°13	8°41	n.a.	T 21
F 22	3 17 27	19°25'09	6♉ 4	29°34	6°21	29°54	8° 6	15°39	6°17	5°37	10°20	20°41	19°10	8°48	n.a.	F 22
S 23	3 21 23	20°26'27	18°31	1♐11	7°17	0♒37	8°14	15°38	6°16	5°36	10°21	20°38	19° 7	8°54	n.a.	S 23
S 24	3 25 20	21°27'44	0♊49	2°48	8°12	1°19	8°21	15°36	6°14	5°34	10°22	20°34	19° 4	9° 1	n.a.	S 24
M25	3 29 16	22°29'00	12°57	4°25	9° 7	2° 1	8°29	15°34	6°13	5°32	10°23	20°29	19° 1	9° 8	n.a.	M25
T 26	3 33 13	23°30'17	24°58	6° 2	10° 1	2°44	8°36	15°32	6°11	5°31	10°24	20°22	18°58	9°15	n.a.	T 26
W27	3 37 10	24°31'34	6♋53	7°39	10°54	3°26	8°43	15°30	6° 9	5°29	10°25	20°16	18°54	9°21	n.a.	W27
T 28	3 41 6	25°32'51	18°45	9°15	11°47	4° 8	8°50	15°28	6° 7	5°28	10°26	20°10	18°51	9°28	n.a.	T 28
F 29	3 45 3	26°34'07	0♌37	10°51	12°39	4°50	8°57	15°26	6° 6	5°26	10°27	20° 5	18°48	9°35	n.a.	F 29
S 30	3 48 59	27♏35'24	12♌32	12♐26	13♑30	5♒33	9♍ 4	15♋23	6♋ 4	5♉24	10♍28	20♈ 2	18♈45	9♋42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s56	27n 7	5n17	10s41	0s28	26s 0	3s 2	24s44	1s46	11n 5	1n20	23n34	0n41	24n 9	0n28	12n 4	1s51	23n33	16n55	8n14	8n 3	28n40		n.a.
S 2	11 18	24 26	5 8	11 21	0 34	26 7	3 2	24 37	1 45	11 2	1 20	23 34	0 41	24 9	0 28	12 4	1 51	23 33	16 55	8 14	8 2	28 40		n.a.
S 3	11 40	20 38	4 45	12 1	0 40	26 13	3 1	24 31	1 44	10 58	1 20	23 34	0 41	24 9	0 28	12 3	1 51	23 32	16 55	8 14	8 1	28 40		n.a.
M 4	12 2	15 54	4 9	12 41	0 46	26 19	3 1	24 24	1 42	10 55	1 20	23 34	0 41	24 9	0 28	12 2	1 51	23 32	16 56	8 14	8 0	28 40		n.a.
T 5	12 23	10 23	3 20	13 20	0 52	26 23	3 0	24 17	1 41	10 51	1 20	23 34	0 41	24 9	0 29	12 2	1 51	23 32	16 56	8 15	7 58	28 40		n.a.
W 6	12 45	4 17	2 20	13 58	0 58	26 28	2 59	24 10	1 40	10 48	1 21	23 34	0 41	24 9	0 29	12 1	1 51	23 32	16 57	8 15	7 57	28 40		n.a.
T 7	13 6	2s11	1 10	14 36	1 4	26 31	2 58	24 3	1 39	10 44	1 21	23 34	0 42	24 9	0 29	12 1	1 51	23 31	16 57	8 15	7 56	28 39		n.a.
F 8	13 27	8 44	0s 6	15 13	1 9	26 34	2 57	23 55	1 37	10 41	1 21	23 35	0 42	24 9	0 29	12 0	1 51	23 31	16 58	8 16	7 55	28 39		n.a.
S 9	13 48	15 2	1 23	15 49	1 15	26 36	2 56	23 48	1 36	10 37	1 21	23 35	0 42	24 9	0 29	12 0	1 51	23 31	16 58	8 15	7 54	28 39		n.a.
S 10	14 8	20 38	2 36	16 25	1 20	26 38	2 54	23 40	1 35	10 34	1 21	23 35	0 42	24 9	0 29	11 59	1 51	23 31	16 59	8 15	7 52	28 39		n.a.
M11	14 28	25 5	3 40	17 0	1 25	26 38	2 53	23 31	1 34	10 31	1 22	23 35	0 42	24 9	0 29	11 58	1 51	23 31	16 59	8 14	7 51	28 39		n.a.
T 12	14 48	27 55	4 30	17 35	1 30	26 39	2 51	23 23	1 32	10 28	1 22	23 35	0 42	24 10	0 29	11 58	1 51	23 30	17 0	8 13	7 50	28 38		n.a.
W13	15 8	28 48	5 2	18 8	1 34	26 38	2 49	23 15	1 31	10 25	1 22	23 36	0 43	24 10	0 29	11 57	1 51	23 30	17 0	8 12	7 49	28 38		n.a.
T 14	15 27	27 42	5 15	18 41	1 39	26 37	2 47	23 6	1 30	10 21	1 22	23 36	0 43	24 10	0 29	11 57	1 51	23 30	17 1	8 11	7 47	28 38		n.a.
F 15	15 47	24 47	5 7	19 12	1 43	26 35	2 44	22 57	1 29	10 18	1 22	23 36	0 43	24 10	0 29	11 56	1 51	23 30	17 1	8 11	7 46	28 38		n.a.
S 16	16 6	20 27	4 42	19 43	1 47	26 32	2 42	22 48	1 27	10 15	1 23	23 36	0 43	24 10	0 29	11 56	1 51	23 30	17 2	8 11	7 45	28 37		n.a.
S 17	16 24	15 6	4 1	20 13	1 51	26 29	2 39	22 38	1 26	10 12	1 23	23 37	0 43	24 10	0 29	11 55	1 51	23 30	17 2	8 11	7 44	28 37		n.a.
M18	16 42	9 8	3 7	20 42	1 54	26 25	2 36	22 29	1 25	10 9	1 23	23 37	0 43	24 10	0 29	11 55	1 51	23 30	17 3	8 12	7 43	28 37		n.a.
T 19	17 1	2 52	2 4	21 9	1 57	26 21	2 33	22 19	1 24	10 7	1 23	23 37	0 44	24 10	0 29	11 54	1 51	23 30	17 3	8 12	7 41	28 37		n.a.
W20	17 18	3n26	0 55	21 36	2 0	26 16	2 30	22 9	1 23	10 4	1 24	23 38	0 44	24 10	0 29	11 53	1 51	23 30	17 4	8 13	7 40	28 36		n.a.
T 21	17 36	9 29	0n15	22 1	2 2	26 10	2 26	21 59	1 21	10 1	1 24	23 38	0 44	24 10	0 29	11 53	1 51	23 30	17 4	8 13	7 39	28 36		n.a.
F 22	17 53	15 4	1 23	22 25	2 4	26 4	2 22	21 49	1 20	9 58	1 24	23 38	0 44	24 11	0 29	11 52	1 51	23 30	17 5	8 13	7 38	28 36		n.a.
S 23	18 10	19 58	2 26	22 47	2 5	25 57	2 19	21 39	1 19	9 55	1 24	23 39	0 44	24 11	0 29	11 52	1 51	23 30	17 5	8 12	7 36	28 35		n.a.
S 24	18 26	23 57	3 22	23 8	2 7	25 49	2 14	21 28	1 18	9 53	1 25	23 39	0 44	24 11	0 29	11 51	1 51	23 30	17 6	8 10	7 35	28 35		n.a.
M25	18 42	26 49	4 7	23 28	2 7	25 41	2 10	21 17	1 17	9 50	1 25	23 39	0 45	24 11	0 29	11 51	1 51	23 30	17 6	8 8	7 34	28 35		n.a.
T 26	18 58	28 25	4 41	23 46	2 7	25 33	2 5	21 6	1 15	9 48	1 25	23 40	0 45	24 11	0 29	11 50	1 51	23 30	17 7	8 5	7 33	28 34		n.a.
W27	19 13	28 41	5 2	24 3	2 7	25 23	2 1	20 55	1 14	9 45	1 25	23 40	0 45	24 11	0 29	11 50	1 51	23 30	17 8	8 3	7 32	28 34		n.a.
T 28	19 28	27 38	5 10	24 17	2 6	25 14	1 56	20 44	1 13	9 43	1 26	23 41	0 45	24 11	0 29	11 49	1 51	23 30	17 8	8 1	7 30	28 34		n.a.
F 29	19 43	25 19	5 5	24 30	2 5	25 4	1 50	20 32	1 12	9 40	1 26	23 41	0 45	24 11	0 29	11 49	1 51	23 30	17 9	7 59	7 29	28 33		n.a.
S 30	19s57	21n55	4n47	24s42	2s 3	24s53	1s45	20s21	1s11	9n38	1n26	23n42	0n46	24n11	0n29	11n48	1s51	23n31	17n 9	7n58	7n28	28n33		n.a.

Julian Day Number = 1270643.5, Delta T = 08h17m29s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'33, Lahiri = -20°59'33 Julian Calendar 1 Nov. 1235 BCE == Greg. Calendar 21 Oct. 1235 BCE

The year -1234 astronomical counting style corresponds to year 1235 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1235 BCE
geocentric

DECEMBER 1235 BCE (-1234) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 52 56	28♏36'40	24♌36	14♐ 0	14♑20	6♒15	9♍10	15°R21	6°R 2	5°R23	10♍29	20°D 1	18♈42	9♋48	n.a.	S 1
M 2	3 56 52	29°37'56	6♍52	15°33	15°10	6°57	9°17	15♋18	6♋ 0	5♉21	10°30	20♈ 1	18°38	9°55	n.a.	M 2
T 3	4 0 49	0♐39'11	19°26	17° 5	15°58	7°39	9°23	15°16	5°58	5°20	10°30	20° 2	18°35	10° 2	n.a.	T 3
W 4	4 4 46	1°40'27	2♎23	18°35	16°46	8°22	9°29	15°13	5°56	5°18	10°31	20° 4	18°32	10° 8	n.a.	W 4
T 5	4 8 42	2°41'42	15°45	20° 2	17°33	9° 4	9°35	15°10	5°54	5°17	10°32	20°R 5	18°29	10°15	n.a.	T 5
F 6	4 12 39	3°42'57	29°35	21°27	18°19	9°46	9°41	15° 7	5°52	5°15	10°33	20° 4	18°26	10°22	n.a.	F 6
S 7	4 16 35	4°44'11	13♏53	22°50	19° 4	10°28	9°46	15° 4	5°50	5°14	10°33	20° 2	18°23	10°29	n.a.	S 7
S 8	4 20 32	5°45'25	28°34	24° 8	19°48	11°11	9°52	15° 1	5°48	5°13	10°34	19°58	18°19	10°35	n.a.	S 8
M 9	4 24 28	6°46'39	13♐33	25°22	20°30	11°53	9°57	14°58	5°45	5°11	10°35	19°51	18°16	10°42	n.a.	M 9
T 10	4 28 25	7°47'52	28°40	26°31	21°12	12°35	10° 2	14°54	5°43	5°10	10°35	19°44	18°13	10°49	n.a.	T 10
W11	4 32 21	8°49'03	13♑45	27°34	21°52	13°17	10° 7	14°51	5°41	5° 8	10°36	19°36	18°10	10°56	n.a.	W11
T 12	4 36 18	9°50'14	28°38	28°31	22°32	13°59	10°12	14°48	5°39	5° 7	10°36	19°29	18° 7	11° 2	n.a.	T 12
F 13	4 40 15	10°51'23	13♒12	29°20	23°10	14°42	10°17	14°44	5°37	5° 6	10°37	19°24	18° 4	11° 9	n.a.	F 13
S 14	4 44 11	11°52'32	27°24	0♑ 1	23°46	15°24	10°21	14°41	5°34	5° 4	10°37	19°20	18° 0	11°16	n.a.	S 14
S 15	4 48 8	12°53'39	11♓11	0°33	24°21	16° 6	10°25	14°37	5°32	5° 3	10°37	19°D19	17°57	11°22	n.a.	S 15
M16	4 52 4	13°54'44	24°36	0°54	24°55	16°48	10°30	14°33	5°30	5° 2	10°38	19°20	17°54	11°29	n.a.	M16
T 17	4 56 1	14°55'49	7♈39	1°R 5	25°27	17°30	10°34	14°29	5°27	5° 1	10°38	19°21	17°51	11°36	n.a.	T 17
W18	4 59 57	15°56'51	20°25	1° 5	25°58	18°12	10°37	14°25	5°25	4°59	10°38	19°R21	17°48	11°43	n.a.	W18
T 19	5 3 54	16°57'53	2♉57	0°54	26°27	18°54	10°41	14°21	5°22	4°58	10°39	19°20	17°44	11°49	n.a.	T 19
F 20	5 7 51	17°58'54	15°18	0°31	26°54	19°36	10°44	14°17	5°20	4°57	10°39	19°17	17°41	11°56	n.a.	F 20
S 21	5 11 47	18°59'53	27°30	29♐57	27°20	20°18	10°48	14°13	5°17	4°56	10°39	19°11	17°38	12° 3	n.a.	S 21
S 22	5 15 44	20° 0'51	9♊35	29°13	27°43	21° 0	10°51	14° 9	5°15	4°55	10°39	19° 2	17°35	12° 9	n.a.	S 22
M23	5 19 40	21° 1'47	21°35	28°19	28° 5	21°42	10°54	14° 5	5°12	4°54	10°39	18°51	17°32	12°16	n.a.	M23
T 24	5 23 37	22° 2'43	3♋32	27°18	28°25	22°24	10°56	14° 1	5°10	4°53	10°39	18°38	17°29	12°23	n.a.	T 24
W25	5 27 33	23° 3'37	15°25	26°10	28°43	23° 6	10°59	13°57	5° 7	4°52	10°R39	18°25	17°25	12°30	n.a.	W25
T 26	5 31 30	24° 4'30	27°17	24°59	28°59	23°48	11° 1	13°52	5° 5	4°51	10°39	18°13	17°22	12°36	n.a.	T 26
F 27	5 35 26	25° 5'22	9♌ 9	23°46	29°12	24°30	11° 3	13°48	5° 2	4°50	10°39	18° 2	17°19	12°43	n.a.	F 27
S 28	5 39 23	26° 6'12	21° 5	22°33	29°24	25°12	11° 5	13°43	5° 0	4°49	10°39	17°54	17°16	12°50	n.a.	S 28
S 29	5 43 20	27° 7'01	3♍ 8	21°22	29°33	25°54	11° 7	13°39	4°57	4°48	10°39	17°49	17°13	12°57	n.a.	S 29
M30	5 47 16	28° 7'49	15°22	20°15	29°40	26°35	11° 9	13°34	4°54	4°47	10°39	17°46	17°10	13° 3	n.a.	M30
T 31	5 51 13	29♐ 8'36	27♍51	19♐14	29♑44	27♒17	11♍10	13♋30	4♋52	4♉46	10♍39	17°D45	17♈ 6	13♋10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s11	17n33	4n16	24s51	2s 0	24s42	1s39	20s 9	1s10	9n36	1n26	23n42	0n46	24n11	0n29	11n48	1s51	23n31	17n10	7n57	7n27	28n33			n.a.
M 2	20 25	12 25	3 33	24 58	1 56	24 31	1 33	19 57	1 8	9 34	1 27	23 42	0 46	24 12	0 29	11 47	1 51	23 31	17 10	7 57	7 25	28 32			n.a.
T 3	20 38	6 40	2 38	25 4	1 52	24 19	1 27	19 45	1 7	9 31	1 27	23 43	0 46	24 12	0 29	11 47	1 51	23 31	17 11	7 58	7 24	28 32			n.a.
W 4	20 51	0 29	1 34	25 7	1 47	24 6	1 21	19 33	1 6	9 29	1 27	23 43	0 46	24 12	0 29	11 46	1 51	23 31	17 11	7 58	7 23	28 31			n.a.
T 5	21 3	5s57	0 23	25 8	1 41	23 53	1 14	19 20	1 5	9 27	1 28	23 44	0 46	24 12	0 29	11 46	1 51	23 32	17 12	7 59	7 22	28 31			n.a.
F 6	21 15	12 19	0s51	25 8	1 34	23 40	1 7	19 8	1 4	9 25	1 28	23 44	0 46	24 12	0 29	11 45	1 51	23 32	17 13	7 59	7 21	28 31			n.a.
S 7	21 27	18 15	2 5	25 5	1 26	23 27	1 0	18 55	1 3	9 23	1 28	23 45	0 47	24 12	0 29	11 45	1 51	23 32	17 13	7 58	7 19	28 30			n.a.
S 8	21 38	23 18	3 12	25 0	1 17	23 13	0 52	18 42	1 2	9 22	1 28	23 45	0 47	24 12	0 29	11 45	1 51	23 32	17 14	7 56	7 18	28 30			n.a.
M 9	21 48	26 55	4 8	24 53	1 8	22 59	0 44	18 29	1 1	9 20	1 29	23 46	0 47	24 12	0 30	11 44	1 51	23 33	17 14	7 53	7 17	28 29			n.a.
T 10	21 59	28 37	4 46	24 44	0 57	22 44	0 36	18 16	1 0	9 18	1 29	23 46	0 47	24 13	0 30	11 44	1 51	23 33	17 15	7 51	7 16	28 29			n.a.
W11	22 9	28 11	5 5	24 34	0 45	22 30	0 28	18 3	0 58	9 16	1 29	23 47	0 47	24 13	0 30	11 43	1 51	23 33	17 16	7 48	7 14	28 28			n.a.
T 12	22 18	25 43	5 3	24 22	0 31	22 15	0 20	17 49	0 57	9 15	1 30	23 48	0 47	24 13	0 30	11 43	1 50	23 34	17 16	7 45	7 13	28 28			n.a.
F 13	22 27	21 37	4 41	24 8	0 17	22 0	0 11	17 36	0 56	9 13	1 30	23 48	0 48	24 13	0 30	11 42	1 50	23 34	17 17	7 43	7 12	28 27			n.a.
S 14	22 36	16 21	4 2	23 53	0 2	21 44	0 2	17 22	0 55	9 12	1 30	23 49	0 48	24 13	0 30	11 42	1 50	23 34	17 17	7 42	7 11	28 27			n.a.
S 15	22 44	10 24	3 10	23 36	0n14	21 29	0n 8	17 8	0 54	9 10	1 30	23 49	0 48	24 13	0 30	11 42	1 50	23 35	17 18	7 41	7 9	28 26			n.a.
M16	22 51	4 9	2 9	23 19	0 31	21 13	0 18	16 54	0 53	9 9	1 31	23 50	0 48	24 13	0 30	11 41	1 50	23 35	17 18	7 41	7 8	28 26			n.a.
T 17	22 59	2n 8	1 2	23 1	0 49	20 57	0 28	16 40	0 52	9 8	1 31	23 50	0 48	24 13	0 30	11 41	1 50	23 36	17 19	7 42	7 7	28 25			n.a.
W18	23 5	8 12	0n 6	22 43	1 8	20 41	0 38	16 26	0 51	9 7	1 31	23 51	0 48	24 14	0 30	11 41	1 50	23 36	17 20	7 42	7 6	28 25			n.a.
T 19	23 12	13 50	1 12	22 24	1 27	20 26	0 48	16 12	0 50	9 6	1 32	23 51	0 48	24 14	0 30	11 40	1 50	23 36	17 20	7 42	7 5	28 24			n.a.
F 20	23 17	18 50	2 14	22 5	1 45	20 10	0 59	15 58	0 49	9 5	1 32	23 52	0 49	24 14	0 30	11 40	1 50	23 37	17 21	7 40	7 3	28 24			n.a.
S 21	23 23	23 0	3 9	21 47	2 4	19 54	1 11	15 43	0 48	9 4	1 32	23 53	0 49	24 14	0 30	11 40	1 50	23 37	17 21	7 38	7 2	28 23			n.a.
S 22	23 28	26 7	3 54	21 29	2 22	19 38	1 22	15 28	0 47	9 3	1 32	23 53	0 49	24 14	0 30	11 39	1 50	23 38	17 22	7 34	7 1	28 23			n.a.
M23	23 32	28 3	4 29	21 11	2 39	19 22	1 34	15 14	0 46	9 2	1 33	23 54	0 49	24 14	0 30	11 39	1 50	23 38	17 23	7 30	7 0	28 22			n.a.
T 24	23 36	28 39	4 52	20 55	2 54	19 6	1 46	14 59	0 45	9 1	1 33	23 54	0 49	24 14	0 30	11 39	1 50	23 39	17 23	7 25	6 58	28 21			n.a.
W25	23 39	27 55	5 1	20 40	3 8	18 50	1 58	14 44	0 44	9 0	1 33	23 55	0 49	24 14	0 30	11 38	1 50	23 39	17 24	7 20	6 57	28 21			n.a.
T 26	23 42	25 55	4 58	20 25	3 19	18 35	2 11	14 29	0 43	9 0	1 34	23 56	0 49	24 14	0 30	11 38	1 50	23 40	17 24	7 16	6 56	28 20			n.a.
F 27	23 45	22 47	4 42	20 13	3 29	18 19	2 24	14 14	0 42	8 59	1 34	23 56	0 50	24 15	0 30	11 38	1 50	23 40	17 25	7 12	6 55	28 20			n.a.
S 28	23 47	18 42	4 13	20 2	3 36	18 4	2 37	13 59	0 41	8 59	1 34	23 57	0 50	24 15	0 30	11 37	1 50	23 41	17 26	7 8	6 53	28 19			n.a.
S 29	23 49	13 50	3 33	19 53	3 41	17 49	2 50	13 43	0 40	8 58	1 35	23 57	0 50	24 15	0 30	11 37	1 50	23 42	17 26	7 6	6 52	28 18			n.a.
M30	23 50	8 21	2 43	19 46	3 43	17 35	3 3	13 28	0 39	8 58	1 35	23 58	0 50	24 15	0 30	11 37	1 50	23 42	17 27	7 5	6 51	28 18			n.a.
T 31	23s50	2n27	1n44	19s41	3n43	17s20	3n17	13s13	0s38	8n58	1n35	23n59	0n50	24n15	0n30	11n37	1s49	23n43	17n27	7n 5	6n50	28n17			n.a.

Julian Day Number = 1270673.5, Delta T = 08h17m28s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'29, Lahiri = -20°59'29 Julian Calendar 1 Dec. 1235 BCE == Greg. Calendar 20 Nov. 1235 BCE

The year -1234 astronomical counting style corresponds to year 1235 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1234 BCE
geocentric

JANUARY 1234 BCE (-1233) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 55 9	0♉ 9'21	10♎40	18°R19	29°R46	27♒59	11♍12	13°R25	4°R49	4°R45	10°R38	17°R46	17♈ 3	13♋17	n.a.	W 1
T 2	5 59 6	1°10'06	23°54	17♐31	29♉46	28°41	11°13	13♋20	4♋47	4♉44	10♍38	17♈46	17° 0	13°23	n.a.	T 2
F 3	6 3 2	2°10'49	7♏36	16°51	29°43	29°23	11°13	13°16	4°44	4°44	10°38	17°44	16°57	13°30	n.a.	F 3
S 4	6 6 59	3°11'31	21°49	16°19	29°37	0♓ 4	11°14	13°11	4°41	4°43	10°37	17°40	16°54	13°37	n.a.	S 4
S 5	6 10 55	4°12'11	6♐29	15°55	29°29	0°46	11°15	13° 6	4°39	4°42	10°37	17°34	16°50	13°44	n.a.	S 5
M 6	6 14 52	5°12'50	21°33	15°39	29°19	1°28	11°15	13° 2	4°36	4°42	10°37	17°25	16°47	13°50	n.a.	M 6
T 7	6 18 49	6°13'27	6♑51	15°31	29° 6	2° 9	11°R15	12°57	4°33	4°41	10°36	17°14	16°44	13°57	n.a.	T 7
W 8	6 22 45	7°14'03	22°12	15°D30	28°50	2°51	11°15	12°52	4°31	4°40	10°36	17° 2	16°41	14° 4	n.a.	W 8
T 9	6 26 42	8°14'37	7♒24	15°36	28°32	3°32	11°15	12°47	4°28	4°40	10°35	16°52	16°38	14°11	n.a.	T 9
F 10	6 30 38	9°15'09	22°17	15°49	28°12	4°14	11°14	12°43	4°26	4°39	10°35	16°43	16°35	14°17	n.a.	F 10
S 11	6 34 35	10°15'39	6♓44	16° 7	27°49	4°56	11°13	12°38	4°23	4°39	10°34	16°37	16°31	14°24	n.a.	S 11
S 12	6 38 31	11°16'07	20°42	16°31	27°24	5°37	11°13	12°33	4°20	4°38	10°34	16°34	16°28	14°31	n.a.	S 12
M13	6 42 28	12°16'32	4♈12	17° 0	26°57	6°19	11°12	12°28	4°18	4°38	10°33	16°33	16°25	14°37	n.a.	M13
T 14	6 46 25	13°16'56	17°16	17°35	26°28	7° 0	11°10	12°23	4°15	4°37	10°32	16°33	16°22	14°44	n.a.	T 14
W15	6 50 21	14°17'17	29°59	18°13	25°57	7°42	11° 9	12°18	4°13	4°37	10°32	16°32	16°19	14°51	n.a.	W15
T 16	6 54 18	15°17'36	12♉23	18°56	25°25	8°23	11° 7	12°14	4°10	4°37	10°31	16°31	16°16	14°58	n.a.	T 16
F 17	6 58 14	16°17'53	24°35	19°42	24°51	9° 4	11° 5	12° 9	4° 7	4°36	10°30	16°26	16°12	15° 4	n.a.	F 17
S 18	7 2 11	17°18'08	6♊38	20°32	24°15	9°46	11° 3	12° 4	4° 5	4°36	10°29	16°19	16° 9	15°11	n.a.	S 18
S 19	7 6 7	18°18'21	18°35	21°26	23°39	10°27	11° 1	11°59	4° 2	4°36	10°28	16° 9	16° 6	15°18	n.a.	S 19
M20	7 10 4	19°18'32	0♋29	22°22	23° 2	11° 8	10°59	11°54	4° 0	4°36	10°28	15°56	16° 3	15°25	n.a.	M20
T 21	7 14 0	20°18'41	12°22	23°21	22°24	11°50	10°56	11°50	3°57	4°35	10°27	15°42	16° 0	15°31	n.a.	T 21
W22	7 17 57	21°18'47	24°15	24°23	21°46	12°31	10°54	11°45	3°55	4°35	10°26	15°27	15°56	15°38	n.a.	W22
T 23	7 21 54	22°18'52	6♌ 9	25°27	21° 8	13°12	10°51	11°40	3°52	4°35	10°25	15°13	15°53	15°45	n.a.	T 23
F 24	7 25 50	23°18'55	18° 6	26°34	20°31	13°53	10°48	11°36	3°50	4°35	10°24	15° 0	15°50	15°51	n.a.	F 24
S 25	7 29 47	24°18'56	0♍ 7	27°42	19°53	14°34	10°45	11°31	3°48	4°35	10°23	14°51	15°47	15°58	n.a.	S 25
S 26	7 33 43	25°18'54	12°15	28°53	19°17	15°15	10°41	11°26	3°45	4°D35	10°22	14°44	15°44	16° 5	n.a.	S 26
M27	7 37 40	26°18'51	24°32	0♑ 6	18°42	15°56	10°38	11°22	3°43	4°35	10°21	14°40	15°41	16°12	n.a.	M27
T 28	7 41 36	27°18'47	7♎ 2	1°20	18° 7	16°38	10°34	11°17	3°40	4°35	10°20	14°38	15°37	16°18	n.a.	T 28
W29	7 45 33	28°18'40	19°50	2°36	17°35	17°19	10°30	11°13	3°38	4°35	10°19	14°D38	15°34	16°25	n.a.	W29
T 30	7 49 29	29°18'31	2♏58	3°54	17° 4	18° 0	10°26	11° 8	3°36	4°35	10°17	14°R38	15°31	16°32	n.a.	T 30
F 31	7 53 26	0♒18'21	16♏31	5♑14	16♑34	18♓41	10♍21	11♋ 4	3♋34	4♉35	10♍16	14♈37	15♈28	16♋39	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23 s51	3 s43	0n38	19 s39	3n41	17 s 6	3n31	12 s57	0 s37	8n57	1n36	23n59	0n50	24n15	0n30	11n36	1 s49	23n43	17n28	7n 5	6n48	28n17			n.a.
T 2	23 50	9 56	0 s32	19 38	3 37	16 53	3 45	12 41	0 36	8 57	1 36	24 0	0 50	24 15	0 30	11 36	1 49	23 44	17 28	7 5	6 47	28 16			n.a.
F 3	23 49	15 54	1 43	19 40	3 32	16 40	3 59	12 26	0 35	8 57	1 36	24 0	0 51	24 15	0 30	11 36	1 49	23 45	17 29	7 4	6 46	28 15			n.a.
S 4	23 48	21 15	2 50	19 43	3 25	16 27	4 13	12 10	0 34	8 57	1 36	24 1	0 51	24 15	0 30	11 36	1 49	23 45	17 29	7 3	6 45	28 15			n.a.
S 5	23 47	25 29	3 47	19 49	3 17	16 14	4 28	11 54	0 33	8 57	1 37	24 2	0 51	24 16	0 30	11 36	1 49	23 46	17 30	7 0	6 44	28 14			n.a.
M 6	23 44	28 4	4 31	19 56	3 9	16 3	4 42	11 38	0 32	8 58	1 37	24 2	0 51	24 16	0 30	11 36	1 49	23 47	17 31	6 57	6 42	28 13			n.a.
T 7	23 42	28 35	4 55	20 5	2 59	15 51	4 56	11 22	0 31	8 58	1 37	24 3	0 51	24 16	0 30	11 35	1 49	23 47	17 31	6 53	6 41	28 12			n.a.
W 8	23 39	26 54	4 59	20 15	2 49	15 41	5 10	11 6	0 30	8 58	1 38	24 3	0 51	24 16	0 30	11 35	1 49	23 48	17 32	6 48	6 40	28 12			n.a.
T 9	23 35	23 16	4 41	20 26	2 38	15 30	5 24	10 50	0 29	8 58	1 38	24 4	0 51	24 16	0 30	11 35	1 49	23 49	17 32	6 44	6 39	28 11			n.a.
F 10	23 31	18 10	4 5	20 38	2 27	15 21	5 38	10 34	0 28	8 59	1 38	24 5	0 51	24 16	0 30	11 35	1 49	23 49	17 33	6 41	6 37	28 10			n.a.
S 11	23 26	12 10	3 14	20 51	2 16	15 12	5 52	10 17	0 28	8 59	1 39	24 5	0 51	24 16	0 30	11 35	1 49	23 50	17 33	6 38	6 36	28 10			n.a.
S 12	23 21	5 45	2 12	21 5	2 5	15 4	6 5	10 1	0 27	9 0	1 39	24 6	0 52	24 16	0 30	11 35	1 49	23 51	17 34	6 37	6 35	28 9			n.a.
M13	23 16	0n43	1 5	21 19	1 53	14 56	6 18	9 45	0 26	9 1	1 39	24 6	0 52	24 16	0 30	11 35	1 49	23 52	17 34	6 37	6 34	28 8			n.a.
T 14	23 10	6 57	0n 4	21 34	1 42	14 50	6 30	9 28	0 25	9 2	1 39	24 7	0 52	24 16	0 30	11 35	1 49	23 52	17 35	6 37	6 32	28 7			n.a.
W15	23 4	12 45	1 10	21 49	1 30	14 43	6 42	9 12	0 24	9 2	1 40	24 7	0 52	24 17	0 30	11 34	1 49	23 53	17 35	6 36	6 31	28 7			n.a.
T 16	22 57	17 54	2 12	22 3	1 19	14 38	6 54	8 55	0 23	9 3	1 40	24 8	0 52	24 17	0 30	11 34	1 48	23 54	17 36	6 36	6 30	28 6			n.a.
F 17	22 50	22 14	3 6	22 18	1 8	14 34	7 5	8 39	0 22	9 4	1 40	24 9	0 52	24 17	0 30	11 34	1 48	23 54	17 36	6 34	6 29	28 5			n.a.
S 18	22 42	25 35	3 51	22 33	0 57	14 30	7 15	8 22	0 21	9 5	1 41	24 9	0 52	24 17	0 30	11 34	1 48	23 55	17 37	6 31	6 27	28 4			n.a.
S 19	22 34	27 45	4 26	22 47	0 47	14 27	7 24	8 5	0 20	9 6	1 41	24 10	0 52	24 17	0 30	11 34	1 48	23 56	17 37	6 27	6 26	28 3			n.a.
M20	22 26	28 39	4 48	23 1	0 36	14 24	7 33	7 49	0 20	9 7	1 41	24 10	0 52	24 17	0 30	11 34	1 48	23 57	17 38	6 22	6 25	28 3			n.a.
T 21	22 17	28 13	4 58	23 15	0 26	14 23	7 40	7 32	0 19	9 9	1 41	24 11	0 52	24 17	0 30	11 34	1 48	23 58	17 38	6 17	6 24	28 2			n.a.
W22	22 7	26 28	4 56	23 28	0 16	14 22	7 47	7 15	0 18	9 10	1 42	24 11	0 53	24 17	0 30	11 34	1 48	23 58	17 39	6 11	6 22	28 1			n.a.
T 23	21 58	23 33	4 40	23 40	0 6	14 22	7 53	6 58	0 17	9 11	1 42	24 12	0 53	24 17	0 30	11 34	1 48	23 59	17 39	6 5	6 21	28 0			n.a.
F 24	21 47	19 38	4 11	23 51	0 s 3	14 22	7 58	6 41	0 16	9 13	1 42	24 12	0 53	24 17	0 30	11 34	1 48	24 0	17 40	6 0	6 20	27 59			n.a.
S 25	21 37	14 55	3 32	24 2	0 13	14 23	8 2	6 25	0 15	9 14	1 43	24 13	0 53	24 17	0 30	11 34	1 48	24 1	17 40	5 57	6 19	27 59			n.a.
S 26	21 26	9 34	2 42	24 12	0 22	14 25	8 5	6 8	0 15	9 16	1 43	24 13	0 53	24 17	0 30	11 35	1 48	24 2	17 41	5 54	6 17	27 58			n.a.
M27	21 15	3 48	1 44	24 21	0 30	14 28	8 8	5 51	0 14	9 18	1 43	24 14	0 53	24 17	0 30	11 35	1 48	24 2	17 41	5 52	6 16	27 57			n.a.
T 28	21 3	2 s14	0 40	24 29	0 38	14 31	8 9	5 34	0 13	9 19	1 43	24 14	0 53	24 18	0 30	11 35	1 48	24 3	17 41	5 52	6 15	27 56			n.a.
W29	20 51	8 18	0 s27	24 35	0 46	14 35	8 9	5 17	0 12	9 21	1 44	24 15	0 53	24 18	0 30	11 35	1 48	24 4	17 42	5 52	6 14	27 55			n.a.
T 30	20 38	14 12	1 35	24 41	0 54	14 39	8 9	5 0	0 11	9 23	1 44	24 15	0 53	24 18	0 30	11 35	1 48	24 5	17 42	5 52	6 13	27 54			n.a.
F 31	20 s26	19 s37	2 s40	24 s46	1 s 1	14 s44	8n 8	4 s43	0 s10	9n25	1n44	24n15	0n53	24n18	0n30	11n35	1 s47	24n 6	17n43	5n51	6n11	27n53			n.a.

Julian Day Number = 1270704.5, Delta T = 08h17m26s
Ecliptic obliquity = 23°50'36, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'25, Lahiri = -20°59'25 Julian Calendar 1 Jan. 1234 BCE == Greg. Calendar 21 Dec. 1235 BCE

The year -1233 astronomical counting style corresponds to year 1234 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1234 BCE
geocentric

FEBRUARY 1234 BCE (-1233) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 57 22	1♒18'09	0♐32	6♑35	16°R 7	19♓21	10°R17	10°R59	3°R31	4♉36	10°R15	14°R34	15♈25	16♋45	n.a.	S 1
S 2	8 1 19	2°17'55	14°59	7°58	15♑42	20° 2	10♍12	10♋55	3♋29	4°36	10♍14	14♈29	15°22	16°52	n.a.	S 2
M 3	8 5 16	3°17'39	29°51	9°22	15°19	20°43	10° 8	10°51	3°27	4°36	10°13	14°21	15°18	16°59	n.a.	M 3
T 4	8 9 12	4°17'22	15♑ 0	10°47	14°58	21°24	10° 3	10°47	3°25	4°36	10°11	14°11	15°15	17° 5	n.a.	T 4
W 5	8 13 9	5°17'02	0♒17	12°14	14°40	22° 5	9°58	10°42	3°23	4°37	10°10	14° 1	15°12	17°12	n.a.	W 5
T 6	8 17 5	6°16'40	15°31	13°43	14°24	22°46	9°52	10°38	3°21	4°37	10° 9	13°51	15° 9	17°19	n.a.	T 6
F 7	8 21 2	7°16'16	0♓30	15°12	14°10	23°27	9°47	10°34	3°19	4°38	10° 7	13°43	15° 6	17°26	n.a.	F 7
S 8	8 24 58	8°15'50	15° 7	16°43	13°59	24° 7	9°42	10°30	3°16	4°38	10° 6	13°37	15° 2	17°32	n.a.	S 8
S 9	8 28 55	9°15'21	29°16	18°16	13°50	24°48	9°36	10°26	3°15	4°38	10° 5	13°34	14°59	17°39	n.a.	S 9
M10	8 32 51	10°14'49	12♈55	19°49	13°44	25°29	9°30	10°22	3°13	4°39	10° 3	13°D33	14°56	17°46	n.a.	M10
T 11	8 36 48	11°14'15	26° 6	21°24	13°40	26° 9	9°24	10°19	3°11	4°39	10° 2	13°34	14°53	17°52	n.a.	T 11
W12	8 40 45	12°13'39	8♉53	23° 1	13°D39	26°50	9°18	10°15	3° 9	4°40	10° 1	13°R34	14°50	17°59	n.a.	W12
T 13	8 44 41	13°13'00	21°20	24°38	13°40	27°31	9°12	10°11	3° 7	4°41	9°59	13°34	14°47	18° 6	n.a.	T 13
F 14	8 48 38	14°12'19	3♊31	26°17	13°44	28°11	9° 6	10° 8	3° 5	4°41	9°58	13°32	14°43	18°13	n.a.	F 14
S 15	8 52 34	15°11'36	15°31	27°57	13°49	28°52	8°59	10° 4	3° 3	4°42	9°56	13°28	14°40	18°19	n.a.	S 15
S 16	8 56 31	16°10'50	27°26	29°39	13°57	29°32	8°53	10° 1	3° 2	4°43	9°55	13°21	14°37	18°26	n.a.	S 16
M17	9 0 27	17°10'02	9♋17	1♒22	14° 7	0♈13	8°46	9°57	3° 0	4°43	9°53	13°12	14°34	18°33	n.a.	M17
T 18	9 4 24	18° 9'11	21° 9	3° 6	14°20	0°53	8°40	9°54	2°58	4°44	9°52	13° 2	14°31	18°40	n.a.	T 18
W19	9 8 20	19° 8'18	3♌ 3	4°51	14°34	1°34	8°33	9°51	2°57	4°45	9°50	12°51	14°28	18°46	n.a.	W19
T 20	9 12 17	20° 7'23	15° 2	6°38	14°50	2°14	8°26	9°48	2°55	4°46	9°49	12°41	14°24	18°53	n.a.	T 20
F 21	9 16 14	21° 6'25	27° 6	8°27	15° 9	2°54	8°19	9°45	2°54	4°47	9°47	12°32	14°21	19° 0	n.a.	F 21
S 22	9 20 10	22° 5'25	9♍18	10°16	15°29	3°35	8°12	9°42	2°52	4°48	9°45	12°25	14°18	19° 6	n.a.	S 22
S 23	9 24 7	23° 4'23	21°37	12° 7	15°51	4°15	8° 5	9°39	2°51	4°48	9°44	12°21	14°15	19°13	n.a.	S 23
M24	9 28 3	24° 3'20	4♎ 7	14° 0	16°15	4°55	7°58	9°36	2°50	4°49	9°42	12°19	14°12	19°20	n.a.	M24
T 25	9 32 0	25° 2'14	16°48	15°54	16°40	5°35	7°50	9°34	2°48	4°50	9°41	12°D18	14° 8	19°27	n.a.	T 25
W26	9 35 56	26° 1'06	29°43	17°49	17° 8	6°16	7°43	9°31	2°47	4°51	9°39	12°19	14° 5	19°33	n.a.	W26
T 27	9 39 53	26°59'56	12♏55	19°46	17°36	6°56	7°36	9°29	2°46	4°52	9°37	12°21	14° 2	19°40	n.a.	T 27
F 28	9 43 49	27♒58'45	26♏27	21♒44	18♑ 7	7♈36	7♍28	9♋26	2♋45	4♉54	9♍36	12°R21	13♈59	19♋47	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s12	24s 9	3s38	24s49	1s 8	14s49	8n 6	4s26	0s10	9n27	1n44	24n16	0n53	24n18	0n30	11n35	1s47	24n 7	17n43	5n50	6n10	27n52		n.a.
S 2	19 59	27 20	4 23	24 51	1 15	14 54	8 3	4 9	0 9	9 29	1 45	24 16	0 53	24 18	0 30	11 35	1 47	24 7	17 43	5 48	6 9	27 52		n.a.
M 3	19 45	28 43	4 52	24 52	1 21	15 0	7 59	3 52	0 8	9 31	1 45	24 17	0 53	24 18	0 30	11 35	1 47	24 8	17 44	5 45	6 8	27 51		n.a.
T 4	19 31	27 59	5 2	24 51	1 27	15 7	7 55	3 35	0 7	9 33	1 45	24 17	0 53	24 18	0 30	11 36	1 47	24 9	17 44	5 41	6 6	27 50		n.a.
W 5	19 16	25 8	4 50	24 49	1 33	15 14	7 50	3 17	0 7	9 35	1 45	24 18	0 54	24 18	0 30	11 36	1 47	24 10	17 45	5 37	6 5	27 49		n.a.
T 6	19 1	20 32	4 17	24 45	1 38	15 21	7 45	3 0	0 6	9 37	1 46	24 18	0 54	24 18	0 30	11 36	1 47	24 11	17 45	5 33	6 4	27 48		n.a.
F 7	18 46	14 42	3 28	24 40	1 43	15 28	7 39	2 43	0 5	9 39	1 46	24 18	0 54	24 18	0 30	11 36	1 47	24 12	17 45	5 30	6 3	27 47		n.a.
S 8	18 30	8 11	2 25	24 33	1 47	15 35	7 33	2 26	0 4	9 42	1 46	24 19	0 54	24 18	0 30	11 36	1 47	24 12	17 46	5 28	6 1	27 46		n.a.
S 9	18 14	1 27	1 15	24 25	1 52	15 43	7 26	2 9	0 3	9 44	1 46	24 19	0 54	24 18	0 30	11 37	1 47	24 13	17 46	5 27	6 0	27 45		n.a.
M10	17 58	5n 8	0 3	24 15	1 55	15 51	7 19	1 52	0 3	9 46	1 46	24 19	0 54	24 18	0 30	11 37	1 47	24 14	17 46	5 26	5 59	27 44		n.a.
T 11	17 42	11 17	1n 6	24 3	1 58	15 59	7 11	1 35	0 2	9 49	1 47	24 20	0 54	24 18	0 30	11 37	1 47	24 15	17 47	5 26	5 58	27 43		n.a.
W12	17 25	16 46	2 11	23 50	2 1	16 7	7 3	1 18	0 1	9 51	1 47	24 20	0 54	24 18	0 30	11 37	1 47	24 16	17 47	5 27	5 56	27 42		n.a.
T 13	17 8	21 24	3 7	23 35	2 4	16 15	6 55	1 1	0 1	9 54	1 47	24 20	0 54	24 18	0 30	11 38	1 47	24 17	17 47	5 26	5 55	27 41		n.a.
F 14	16 51	25 2	3 54	23 18	2 6	16 23	6 46	0 44	0n 0	9 57	1 47	24 21	0 54	24 18	0 30	11 38	1 47	24 17	17 47	5 26	5 54	27 40		n.a.
S 15	16 33	27 30	4 29	23 0	2 7	16 31	6 38	0 27	0 1	9 59	1 47	24 21	0 54	24 18	0 30	11 38	1 46	24 18	17 48	5 24	5 53	27 39		n.a.
S 16	16 15	28 42	4 53	22 39	2 8	16 39	6 29	0 10	0 2	10 2	1 47	24 21	0 54	24 18	0 30	11 38	1 46	24 19	17 48	5 21	5 51	27 38		n.a.
M17	15 57	28 34	5 4	22 17	2 9	16 47	6 20	0n 7	0 2	10 4	1 48	24 22	0 54	24 18	0 30	11 39	1 46	24 20	17 48	5 18	5 50	27 37		n.a.
T 18	15 39	27 6	5 1	21 53	2 9	16 55	6 11	0 24	0 3	10 7	1 48	24 22	0 54	24 18	0 30	11 39	1 46	24 21	17 48	5 14	5 49	27 36		n.a.
W19	15 20	24 26	4 46	21 27	2 9	17 3	6 1	0 41	0 4	10 10	1 48	24 22	0 54	24 18	0 30	11 39	1 46	24 22	17 49	5 10	5 48	27 35		n.a.
T 20	15 1	20 42	4 18	20 59	2 8	17 10	5 52	0 58	0 4	10 13	1 48	24 23	0 54	24 19	0 30	11 40	1 46	24 22	17 49	5 6	5 46	27 34		n.a.
F 21	14 42	16 5	3 38	20 30	2 7	17 18	5 43	1 15	0 5	10 15	1 48	24 23	0 54	24 19	0 30	11 40	1 46	24 23	17 49	5 2	5 45	27 33		n.a.
S 22	14 23	10 48	2 48	19 58	2 5	17 25	5 33	1 32	0 6	10 18	1 48	24 23	0 54	24 19	0 30	11 40	1 46	24 24	17 49	4 59	5 44	27 32		n.a.
S 23	14 3	5 2	1 49	19 24	2 2	17 32	5 24	1 49	0 7	10 21	1 48	24 23	0 54	24 19	0 30	11 41	1 46	24 25	17 50	4 58	5 43	27 31		n.a.
M24	13 44	0s59	0 44	18 49	2 0	17 38	5 14	2 6	0 7	10 24	1 49	24 23	0 54	24 19	0 30	11 41	1 46	24 26	17 50	4 57	5 41	27 30		n.a.
T 25	13 24	7 5	0s24	18 11	1 56	17 45	5 5	2 23	0 8	10 27	1 49	24 24	0 54	24 19	0 30	11 42	1 46	24 26	17 50	4 57	5 40	27 28		n.a.
W26	13 3	13 0	1 33	17 32	1 52	17 51	4 55	2 39	0 9	10 30	1 49	24 24	0 54	24 19	0 30	11 42	1 46	24 27	17 50	4 57	5 39	27 27		n.a.
T 27	12 43	18 29	2 38	16 50	1 48	17 57	4 46	2 56	0 9	10 33	1 49	24 24	0 54	24 19	0 30	11 42	1 46	24 28	17 50	4 57	5 38	27 26		n.a.
F 28	12s23	23s11	3s36	16s 7	1s43	18s 2	4n36	3n13	0n10	10n35	1n49	24n24	0n54	24n19	0n30	11n43	1s46	24n29	17n50	4n58	5n36	27n25		n.a.

Julian Day Number = 1270735.5, Delta T = 08h17m24s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'21, Lahiri = -20°59'20 Julian Calendar 1 Feb. 1234 BCE == Greg. Calendar 21 Jan. 1234 BCE

The year -1233 astronomical counting style corresponds to year 1234 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1234 BCE
geocentric

MARCH 1234 BCE (-1233) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 47 46	28♒57'32	10♐20	23♒43	18♑38	8♈16	7°R21	9°R24	2°R43	4♉55	9°R34	12°R21	13♈56	19♋54	n.a.	S 1
S 2	9 51 42	29°56'17	24°33	25°44	19°11	8°56	7♏13	9♋22	2♋42	4°56	9♏32	12♈18	13°53	20° 0	n.a.	S 2
M 3	9 55 39	0♓55'00	9♑ 7	27°46	19°46	9°36	7° 6	9°20	2°41	4°57	9°31	12°14	13°49	20° 7	n.a.	M 3
T 4	9 59 36	1°53'41	23°55	29°49	20°22	10°16	6°58	9°18	2°40	4°58	9°29	12° 9	13°46	20°14	n.a.	T 4
W 5	10 3 32	2°52'21	8♒52	1♓53	20°59	10°56	6°50	9°16	2°39	4°59	9°27	12° 3	13°43	20°20	n.a.	W 5
T 6	10 7 29	3°50'58	23°49	3°58	21°37	11°36	6°43	9°14	2°39	5° 1	9°26	11°57	13°40	20°27	n.a.	T 6
F 7	10 11 25	4°49'33	8♓37	6° 4	22°16	12°16	6°35	9°12	2°38	5° 2	9°24	11°53	13°37	20°34	n.a.	F 7
S 8	10 15 22	5°48'07	23° 8	8°10	22°56	12°56	6°27	9°10	2°37	5° 3	9°22	11°50	13°34	20°41	n.a.	S 8
S 9	10 19 18	6°46'38	7♈16	10°17	23°38	13°36	6°20	9° 9	2°36	5° 4	9°21	11°D48	13°30	20°47	n.a.	S 9
M10	10 23 15	7°45'06	20°59	12°23	24°20	14°16	6°12	9° 8	2°36	5° 6	9°19	11°49	13°27	20°54	n.a.	M10
T 11	10 27 11	8°43'33	4♉16	14°30	25° 4	14°56	6° 4	9° 6	2°35	5° 7	9°17	11°50	13°24	21° 1	n.a.	T 11
W12	10 31 8	9°41'57	17° 8	16°36	25°48	15°35	5°57	9° 5	2°34	5° 9	9°16	11°52	13°21	21° 7	n.a.	W12
T 13	10 35 4	10°40'20	29°40	18°42	26°33	16°15	5°49	9° 4	2°34	5°10	9°14	11°53	13°18	21°14	n.a.	T 13
F 14	10 39 1	11°38'40	11♊54	20°47	27°19	16°55	5°41	9° 3	2°33	5°12	9°12	11°R53	13°14	21°21	n.a.	F 14
S 15	10 42 58	12°36'58	23°57	22°50	28° 6	17°35	5°34	9° 2	2°33	5°13	9°11	11°53	13°11	21°28	n.a.	S 15
S 16	10 46 54	13°35'13	5♋52	24°52	28°54	18°14	5°26	9° 1	2°33	5°15	9° 9	11°51	13° 8	21°34	n.a.	S 16
M17	10 50 51	14°33'27	17°44	26°51	29°42	18°54	5°19	9° 1	2°32	5°16	9° 7	11°48	13° 5	21°41	n.a.	M17
T 18	10 54 47	15°31'38	29°37	28°49	0♒31	19°34	5°11	9° 0	2°32	5°18	9° 6	11°44	13° 2	21°48	n.a.	T 18
W19	10 58 44	16°29'47	11♌34	0♈44	1°21	20°13	5° 4	9° 0	2°32	5°19	9° 4	11°39	12°59	21°55	n.a.	W19
T 20	11 2 40	17°27'54	23°39	2°36	2°12	20°53	4°56	8°59	2°32	5°21	9° 2	11°35	12°55	22° 1	n.a.	T 20
F 21	11 6 37	18°25'59	5♏52	4°25	3° 3	21°33	4°49	8°59	2°32	5°22	9° 1	11°32	12°52	22° 8	n.a.	F 21
S 22	11 10 33	19°24'03	18°16	6°10	3°55	22°12	4°42	8°59	2°D32	5°24	8°59	11°29	12°49	22°15	n.a.	S 22
S 23	11 14 30	20°22'04	0♎51	7°53	4°47	22°52	4°35	8°D59	2°32	5°26	8°57	11°28	12°46	22°21	n.a.	S 23
M24	11 18 27	21°20'04	13°39	9°31	5°40	23°31	4°27	8°59	2°32	5°28	8°56	11°D28	12°43	22°28	n.a.	M24
T 25	11 22 23	22°18'02	26°40	11° 6	6°34	24°11	4°20	8°59	2°32	5°29	8°54	11°28	12°39	22°35	n.a.	T 25
W26	11 26 20	23°15'58	9♏54	12°37	7°28	24°50	4°13	8°59	2°32	5°31	8°52	11°29	12°36	22°42	n.a.	W26
T 27	11 30 16	24°13'53	23°21	14° 5	8°23	25°29	4° 7	9° 0	2°32	5°33	8°51	11°31	12°33	22°48	n.a.	T 27
F 28	11 34 13	25°11'47	7♐ 2	15°28	9°18	26° 9	4° 0	9° 0	2°33	5°35	8°49	11°32	12°30	22°55	n.a.	F 28
S 29	11 38 9	26° 9'39	20°57	16°47	10°14	26°48	3°53	9° 1	2°33	5°36	8°47	11°R32	12°27	23° 2	n.a.	S 29
S 30	11 42 6	27° 7'30	5♑ 5	18° 1	11°10	27°27	3°47	9° 1	2°33	5°38	8°46	11°32	12°24	23° 9	n.a.	S 30
M31	11 46 2	28♓ 5'19	19♑25	19♈12	12♒ 7	28♈ 7	3♏40	9♋ 2	2♋34	5♉40	8♏44	11♈31	12♈20	23♋15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s 2	26s42	4s22	15s22	1s37	18s 7	4n27	3n30	0n11	10n38	1n49	24n25	0n54	24n19	0n30	11n43	1s46	24n29	17n50	4n58	5n35	27n24		n.a.
S 2	11 41	28 38	4 55	14 35	1 31	18 12	4 18	3 46	0 11	10 41	1 49	24 25	0 54	24 19	0 30	11 44	1 45	24 30	17 51	4 57	5 34	27 23		n.a.
M 3	11 20	28 39	5 9	13 46	1 24	18 16	4 8	4 3	0 12	10 44	1 49	24 25	0 54	24 19	0 30	11 44	1 45	24 31	17 51	4 55	5 33	27 22		n.a.
T 4	10 59	26 39	5 3	12 55	1 17	18 20	3 59	4 19	0 13	10 47	1 49	24 25	0 54	24 19	0 30	11 45	1 45	24 32	17 51	4 53	5 31	27 21		n.a.
W 5	10 37	22 47	4 36	12 3	1 9	18 23	3 50	4 36	0 13	10 50	1 49	24 25	0 54	24 19	0 30	11 45	1 45	24 32	17 51	4 51	5 30	27 19		n.a.
T 6	10 16	17 26	3 51	11 9	1 0	18 26	3 41	4 52	0 14	10 53	1 49	24 25	0 54	24 19	0 30	11 46	1 45	24 33	17 51	4 48	5 29	27 18		n.a.
F 7	9 54	11 6	2 50	10 14	0 52	18 29	3 32	5 9	0 14	10 56	1 49	24 25	0 54	24 19	0 30	11 46	1 45	24 34	17 51	4 46	5 28	27 17		n.a.
S 8	9 32	4 18	1 40	9 18	0 42	18 31	3 23	5 25	0 15	10 59	1 49	24 26	0 55	24 19	0 30	11 47	1 45	24 35	17 51	4 45	5 26	27 16		n.a.
S 9	9 10	2n33	0 25	8 20	0 32	18 33	3 14	5 42	0 16	11 2	1 49	24 26	0 55	24 19	0 30	11 47	1 45	24 35	17 51	4 45	5 25	27 15		n.a.
M10	8 48	9 6	0n50	7 22	0 22	18 34	3 6	5 58	0 16	11 5	1 49	24 26	0 55	24 19	0 30	11 48	1 45	24 36	17 51	4 45	5 24	27 14		n.a.
T 11	8 26	15 1	1 59	6 23	0 12	18 35	2 57	6 14	0 17	11 8	1 49	24 26	0 55	24 19	0 30	11 48	1 45	24 37	17 51	4 45	5 23	27 12		n.a.
W12	8 4	20 7	3 1	5 23	0 1	18 35	2 48	6 30	0 18	11 10	1 49	24 26	0 55	24 19	0 30	11 49	1 45	24 37	17 51	4 46	5 21	27 11		n.a.
T 13	7 41	24 11	3 52	4 23	0n10	18 35	2 40	6 46	0 18	11 13	1 49	24 26	0 55	24 19	0 30	11 49	1 45	24 38	17 51	4 46	5 20	27 10		n.a.
F 14	7 19	27 4	4 31	3 24	0 21	18 34	2 32	7 3	0 19	11 16	1 49	24 26	0 55	24 19	0 30	11 50	1 45	24 39	17 51	4 47	5 19	27 9		n.a.
S 15	6 56	28 39	4 58	2 24	0 32	18 33	2 24	7 19	0 19	11 19	1 49	24 26	0 55	24 19	0 30	11 50	1 45	24 39	17 51	4 46	5 18	27 7		n.a.
S 16	6 34	28 53	5 11	1 25	0 44	18 31	2 16	7 35	0 20	11 22	1 49	24 26	0 55	24 19	0 30	11 51	1 45	24 40	17 51	4 46	5 16	27 6		n.a.
M17	6 11	27 47	5 11	0 26	0 55	18 29	2 8	7 50	0 20	11 24	1 49	24 26	0 55	24 19	0 30	11 51	1 45	24 41	17 51	4 44	5 15	27 5		n.a.
T 18	5 48	25 25	4 58	0n31	1 6	18 26	2 0	8 6	0 21	11 27	1 49	24 26	0 55	24 19	0 29	11 52	1 45	24 41	17 51	4 43	5 14	27 4		n.a.
W19	5 25	21 56	4 31	1 27	1 16	18 23	1 52	8 22	0 22	11 30	1 49	24 26	0 55	24 19	0 29	11 53	1 45	24 42	17 51	4 41	5 12	27 2		n.a.
T 20	5 2	17 31	3 53	2 22	1 27	18 19	1 44	8 38	0 22	11 33	1 49	24 26	0 55	24 19	0 29	11 53	1 44	24 42	17 51	4 39	5 11	27 1		n.a.
F 21	4 39	12 21	3 3	3 16	1 37	18 14	1 37	8 53	0 23	11 35	1 49	24 26	0 55	24 19	0 29	11 54	1 44	24 43	17 51	4 38	5 10	27 0		n.a.
S 22	4 16	6 37	2 4	4 7	1 46	18 9	1 29	9 9	0 23	11 38	1 49	24 26	0 55	24 19	0 29	11 54	1 44	24 44	17 51	4 37	5 9	26 59		n.a.
S 23	3 53	0 32	0 58	4 56	1 56	18 4	1 22	9 24	0 24	11 41	1 49	24 26	0 55	24 19	0 29	11 55	1 44	24 44	17 50	4 37	5 7	26 57		n.a.
M24	3 30	5s40	0s12	5 44	2 4	17 58	1 15	9 40	0 24	11 43	1 49	24 26	0 55	24 19	0 29	11 56	1 44	24 45	17 50	4 36	5 6	26 56		n.a.
T 25	3 6	11 44	1 23	6 29	2 12	17 51	1 8	9 55	0 25	11 46	1 48	24 26	0 55	24 18	0 29	11 56	1 44	24 45	17 50	4 37	5 5	26 55		n.a.
W26	2 43	17 24	2 30	7 12	2 19	17 44	1 1	10 10	0 26	11 48	1 48	24 26	0 55	24 18	0 29	11 57	1 44	24 46	17 50	4 37	5 4	26 53		n.a.
T 27	2 20	22 19	3 31	7 53	2 26	17 36	0 54	10 25	0 26	11 51	1 48	24 26	0 55	24 18	0 29	11 57	1 44	24 46	17 50	4 38	5 2	26 52		n.a.
F 28	1 56	26 8	4 20	8 31	2 32	17 28	0 48	10 40	0 27	11 53	1 48	24 26	0 55	24 18	0 29	11 58	1 44	24 47	17 50	4 38	5 1	26 51		n.a.
S 29	1 33	28 27	4 56	9 6	2 37	17 19	0 41	10 55	0 27	11 55	1 48	24 26	0 55	24 18	0 29	11 59	1 44	24 47	17 50	4 38	5 0	26 49		n.a.
S 30	1 10	28 58	5 14	9 39	2 41	17 10	0 35	11 10	0 28	11 58	1 48	24 26	0 55	24 18	0 29	11 59	1 44	24 48	17 49	4 38	4 59	26 48		n.a.
M31	0s46	27s34	5s13	10n10	2n44	17s 0	0n28	11n25	0n28	12n 0	1n48	24n26	0n55	24n18	0n29	12n 0	1s44	24n48	17n49	4n38	4n57	26n47		n.a.

Julian Day Number = 1270763.5, Delta T = 08h17m23s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'17, Lahiri = -20°59'17 Julian Calendar 1 March 1234 BCE == Greg. Calendar 18 Feb. 1234 BCE

The year -1233 astronomical counting style corresponds to year 1234 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1234 BCE
geocentric

APRIL 1234 BCE (-1233) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 49 59	29♓ 3'07	3♒52	20♈18	13♒ 4	28♈46	3°R34	9♋ 3	2♋34	5♉42	8°R43	11°R30	12♈17	23♋22	n.a.	T 1
W 2	11 53 56	0♈ 0'54	18°23	21°20	14° 1	29°25	3♍27	9° 4	2°35	5°44	8♍41	11♈29	12°14	23°29	n.a.	W 2
T 3	11 57 52	0°58'40	2♓53	22°17	14°59	0♉ 5	3°21	9° 5	2°35	5°46	8°40	11°28	12°11	23°35	n.a.	T 3
F 4	12 1 49	1°56'24	17°17	23°10	15°57	0°44	3°15	9° 6	2°36	5°48	8°38	11°27	12° 8	23°42	n.a.	F 4
S 5	12 5 45	2°54'06	1♈28	23°58	16°56	1°23	3° 9	9° 8	2°37	5°49	8°37	11°26	12° 5	23°49	n.a.	S 5
S 6	12 9 42	3°51'47	15°23	24°41	17°55	2° 2	3° 4	9° 9	2°37	5°51	8°35	11°D26	12° 1	23°56	n.a.	S 6
M 7	12 13 38	4°49'27	28°57	25°20	18°54	2°41	2°58	9°11	2°38	5°53	8°34	11°26	11°58	24° 2	n.a.	M 7
T 8	12 17 35	5°47'05	12♉11	25°54	19°54	3°20	2°52	9°12	2°39	5°55	8°32	11°27	11°55	24° 9	n.a.	T 8
W 9	12 21 31	6°44'41	25° 4	26°23	20°54	4° 0	2°47	9°14	2°40	5°57	8°31	11°27	11°52	24°16	n.a.	W 9
T 10	12 25 28	7°42'16	7♊37	26°48	21°55	4°39	2°42	9°16	2°41	5°59	8°29	11°28	11°49	24°22	n.a.	T 10
F 11	12 29 24	8°39'50	19°54	27° 7	22°55	5°18	2°37	9°18	2°42	6° 1	8°28	11°28	11°45	24°29	n.a.	F 11
S 12	12 33 21	9°37'21	1♋59	27°22	23°56	5°57	2°32	9°20	2°43	6° 3	8°27	11°28	11°42	24°36	n.a.	S 12
S 13	12 37 18	10°34'52	13°56	27°31	24°57	6°36	2°27	9°22	2°44	6° 5	8°25	11°R28	11°39	24°43	n.a.	S 13
M14	12 41 14	11°32'20	25°49	27°36	25°59	7°15	2°22	9°24	2°45	6° 8	8°24	11°D28	11°36	24°49	n.a.	M14
T 15	12 45 11	12°29'48	7♌43	27°R36	27° 1	7°54	2°18	9°26	2°47	6°10	8°23	11°28	11°33	24°56	n.a.	T 15
W16	12 49 7	13°27'13	19°43	27°32	28° 3	8°33	2°14	9°29	2°48	6°12	8°21	11°28	11°30	25° 3	n.a.	W16
T 17	12 53 4	14°24'37	1♍51	27°23	29° 5	9°12	2° 9	9°31	2°49	6°14	8°20	11°29	11°26	25° 9	n.a.	T 17
F 18	12 57 0	15°22'00	14°12	27°10	0♓ 8	9°51	2° 5	9°34	2°51	6°16	8°19	11°29	11°23	25°16	n.a.	F 18
S 19	13 0 57	16°19'22	26°48	26°53	1°10	10°30	2° 2	9°36	2°52	6°18	8°17	11°29	11°20	25°23	n.a.	S 19
S 20	13 4 53	17°16'42	9♎40	26°32	2°14	11° 8	1°58	9°39	2°54	6°20	8°16	11°R29	11°17	25°30	n.a.	S 20
M21	13 8 50	18°14'02	22°48	26° 8	3°17	11°47	1°54	9°42	2°55	6°22	8°15	11°29	11°14	25°36	n.a.	M21
T 22	13 12 47	19°11'20	6♏13	25°41	4°20	12°26	1°51	9°45	2°57	6°24	8°14	11°29	11°11	25°43	n.a.	T 22
W23	13 16 43	20° 8'37	19°52	25°12	5°24	13° 5	1°48	9°48	2°58	6°27	8°13	11°28	11° 7	25°50	n.a.	W23
T 24	13 20 40	21° 5'54	3♐44	24°41	6°28	13°44	1°45	9°51	3° 0	6°29	8°12	11°27	11° 4	25°57	n.a.	T 24
F 25	13 24 36	22° 3'10	17°45	24° 8	7°32	14°22	1°42	9°55	3° 2	6°31	8°10	11°26	11° 1	26° 3	n.a.	F 25
S 26	13 28 33	23° 0'26	1♑54	23°35	8°36	15° 1	1°39	9°58	3° 3	6°33	8° 9	11°25	10°58	26°10	n.a.	S 26
S 27	13 32 29	23°57'40	16° 7	23° 1	9°41	15°40	1°37	10° 1	3° 5	6°35	8° 8	11°24	10°55	26°17	n.a.	S 27
M28	13 36 26	24°54'55	0♒21	22°28	10°46	16°19	1°35	10° 5	3° 7	6°37	8° 7	11°D24	10°51	26°23	n.a.	M28
T 29	13 40 23	25°52'08	14°35	21°55	11°51	16°57	1°33	10° 8	3° 9	6°40	8° 6	11°25	10°48	26°30	n.a.	T 29
W30	13 44 19	26♈49'22	28♒44	21♈24	12♓56	17♉36	1♍31	10♋12	3♋11	6♉42	8♍ 5	11♈26	10♈45	26♋37	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s23	24s20	4s52	10n38	2n47	16s49	0n22	11n40	0n29	12n 2	1n48	24n26	0n55	24n18	0n29	12n 1	1s44	24n49	17n49	4n37	4n56	26n45		n.a.
W 2	0n 0	19 34	4 13	11 3	2 48	16 38	0 16	11 55	0 29	12 4	1 47	24 26	0 55	24 18	0 29	12 1	1 44	24 49	17 49	4 37	4 55	26 44		n.a.
T 3	0 24	13 40	3 17	11 25	2 49	16 27	0 10	12 9	0 30	12 6	1 47	24 26	0 55	24 18	0 29	12 2	1 44	24 49	17 49	4 36	4 54	26 43		n.a.
F 4	0 47	7 5	2 10	11 45	2 49	16 15	0 5	12 24	0 30	12 8	1 47	24 26	0 55	24 18	0 29	12 3	1 44	24 50	17 48	4 36	4 52	26 41		n.a.
S 5	1 10	0 15	0 55	12 2	2 47	16 3	0s 1	12 38	0 31	12 10	1 47	24 26	0 55	24 18	0 29	12 3	1 44	24 50	17 48	4 36	4 51	26 40		n.a.
S 6	1 34	6n29	0n22	12 16	2 45	15 49	0 7	12 52	0 31	12 12	1 47	24 26	0 55	24 18	0 29	12 4	1 44	24 50	17 48	4 36	4 50	26 38		n.a.
M 7	1 57	12 46	1 36	12 28	2 42	15 36	0 12	13 7	0 32	12 14	1 46	24 26	0 55	24 18	0 29	12 5	1 44	24 51	17 48	4 36	4 49	26 37		n.a.
T 8	2 20	18 19	2 42	12 36	2 37	15 22	0 17	13 21	0 32	12 16	1 46	24 25	0 55	24 18	0 29	12 6	1 44	24 51	17 47	4 36	4 47	26 35		n.a.
W 9	2 43	22 53	3 39	12 42	2 32	15 7	0 23	13 35	0 33	12 18	1 46	24 25	0 54	24 18	0 29	12 6	1 44	24 51	17 47	4 36	4 46	26 34		n.a.
T 10	3 6	26 16	4 23	12 45	2 25	14 53	0 28	13 48	0 33	12 20	1 46	24 25	0 54	24 18	0 29	12 7	1 44	24 52	17 47	4 36	4 45	26 33		n.a.
F 11	3 29	28 21	4 55	12 45	2 18	14 37	0 33	14 2	0 34	12 21	1 46	24 25	0 54	24 18	0 29	12 8	1 44	24 52	17 46	4 37	4 44	26 31		n.a.
S 12	3 52	29 2	5 12	12 43	2 9	14 21	0 37	14 16	0 34	12 23	1 45	24 25	0 54	24 18	0 29	12 8	1 44	24 52	17 46	4 37	4 42	26 30		n.a.
S 13	4 15	28 21	5 16	12 37	2 0	14 5	0 42	14 30	0 35	12 24	1 45	24 25	0 54	24 18	0 29	12 9	1 43	24 53	17 46	4 37	4 41	26 28		n.a.
M14	4 38	26 22	5 7	12 29	1 49	13 48	0 47	14 43	0 35	12 26	1 45	24 25	0 54	24 18	0 29	12 10	1 43	24 53	17 46	4 37	4 40	26 27		n.a.
T 15	5 1	23 13	4 44	12 19	1 37	13 31	0 51	14 56	0 36	12 27	1 45	24 24	0 54	24 18	0 29	12 10	1 43	24 53	17 45	4 37	4 38	26 25		n.a.
W16	5 24	19 5	4 9	12 5	1 25	13 13	0 55	15 10	0 36	12 29	1 45	24 24	0 54	24 18	0 29	12 11	1 43	24 53	17 45	4 37	4 37	26 24		n.a.
T 17	5 46	14 8	3 22	11 49	1 11	12 55	0 59	15 23	0 37	12 30	1 44	24 24	0 54	24 18	0 29	12 12	1 43	24 53	17 44	4 37	4 36	26 22		n.a.
F 18	6 9	8 33	2 25	11 31	0 57	12 36	1 3	15 36	0 37	12 31	1 44	24 24	0 54	24 18	0 29	12 13	1 43	24 54	17 44	4 37	4 35	26 21		n.a.
S 19	6 31	2 31	1 20	11 11	0 42	12 17	1 7	15 49	0 38	12 33	1 44	24 24	0 54	24 18	0 29	12 13	1 43	24 54	17 44	4 37	4 33	26 19		n.a.
S 20	6 54	3s44	0 10	10 49	0 26	11 58	1 11	16 2	0 38	12 34	1 44	24 23	0 54	24 18	0 29	12 14	1 43	24 54	17 43	4 37	4 32	26 18		n.a.
M21	7 16	9 58	1s 2	10 25	0 10	11 38	1 15	16 14	0 39	12 35	1 43	24 23	0 54	24 18	0 29	12 15	1 43	24 54	17 43	4 37	4 31	26 16		n.a.
T 22	7 38	15 54	2 13	9 59	0s 7	11 18	1 18	16 27	0 39	12 36	1 43	24 23	0 54	24 17	0 29	12 16	1 43	24 54	17 43	4 37	4 30	26 15		n.a.
W23	8 0	21 9	3 17	9 33	0 24	10 57	1 22	16 39	0 39	12 37	1 43	24 23	0 54	24 17	0 29	12 16	1 43	24 54	17 42	4 37	4 28	26 13		n.a.
T 24	8 22	25 21	4 10	9 5	0 41	10 36	1 25	16 52	0 40	12 37	1 43	24 22	0 54	24 17	0 29	12 17	1 43	24 54	17 42	4 36	4 27	26 12		n.a.
F 25	8 44	28 4	4 49	8 37	0 58	10 15	1 28	17 4	0 40	12 38	1 42	24 22	0 54	24 17	0 29	12 18	1 43	24 54	17 41	4 36	4 26	26 10		n.a.
S 26	9 5	29 1	5 12	8 9	1 15	9 53	1 31	17 16	0 41	12 39	1 42	24 22	0 54	24 17	0 29	12 19	1 43	24 54	17 41	4 35	4 25	26 9		n.a.
S 27	9 27	28 4	5 15	7 41	1 31	9 31	1 34	17 28	0 41	12 40	1 42	24 22	0 54	24 17	0 29	12 19	1 43	24 54	17 41	4 35	4 23	26 7		n.a.
M28	9 48	25 16	4 59	7 14	1 47	9 9	1 37	17 40	0 42	12 40	1 42	24 21	0 54	24 17	0 29	12 20	1 43	24 54	17 40	4 35	4 22	26 6		n.a.
T 29	10 10	20 57	4 25	6 47	2 3	8 46	1 40	17 51	0 42	12 41	1 41	24 21	0 54	24 17	0 29	12 21	1 43	24 54	17 40	4 35	4 21	26 4		n.a.
W30	10n31	15s27	3s34	6n22	2s17	8s23	1s42	18n 3	0n42	12n41	1n41	24n21	0n54	24n17	0n29	12n22	1s43	24n54	17n39	4n36	4n19	26n 2		n.a.

Julian Day Number = 1270794.5, Delta T = 08h17m21s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'13, Lahiri = -20°59'12 Julian Calendar 1 Apr. 1234 BCE == Greg. Calendar 21 March 1234 BCE

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ASTRODIENST EPHEMERIS for the year 1234 BCE
geocentric

MAY 1234 BCE (-1233) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 48 16	27♈46'34	12♓48	20°R55	14♓ 1	18♉15	1°R29	10♋16	3♋13	6♉44	8°R 4	11♈27	10♈42	26♋44	n.a.	T 1
F 2	13 52 12	28°43'46	26°44	20♈29	15° 7	18°54	1♍27	10°20	3°15	6°46	8♍ 3	11°28	10°39	26°50	n.a.	F 2
S 3	13 56 9	29°40'58	10♈29	20° 5	16°12	19°32	1°26	10°24	3°17	6°49	8° 3	11°R28	10°36	26°57	n.a.	S 3
S 4	14 0 5	0♉38'09	24° 1	19°45	17°18	20°11	1°25	10°28	3°19	6°51	8° 2	11°28	10°32	27° 4	n.a.	S 4
M 5	14 4 2	1°35'19	7♉18	19°28	18°24	20°49	1°23	10°32	3°21	6°53	8° 1	11°26	10°29	27°10	n.a.	M 5
T 6	14 7 58	2°32'29	20°20	19°16	19°30	21°28	1°23	10°36	3°24	6°55	8° 0	11°24	10°26	27°17	n.a.	T 6
W 7	14 11 55	3°29'39	3♊ 5	19° 7	20°36	22° 7	1°22	10°40	3°26	6°57	7°59	11°21	10°23	27°24	n.a.	W 7
T 8	14 15 52	4°26'47	15°35	19°D 3	21°43	22°45	1°21	10°45	3°28	7° 0	7°59	11°17	10°20	27°31	n.a.	T 8
F 9	14 19 48	5°23'56	27°51	19° 3	22°49	23°24	1°21	10°49	3°31	7° 2	7°58	11°14	10°16	27°37	n.a.	F 9
S 10	14 23 45	6°21'03	9♋55	19° 7	23°56	24° 2	1°D21	10°54	3°33	7° 4	7°57	11°11	10°13	27°44	n.a.	S 10
S 11	14 27 41	7°18'10	21°52	19°17	25° 2	24°41	1°21	10°58	3°35	7° 6	7°57	11° 9	10°10	27°51	n.a.	S 11
M12	14 31 38	8°15'16	3♌45	19°31	26° 9	25°19	1°21	11° 3	3°38	7° 9	7°56	11°D 8	10° 7	27°57	n.a.	M12
T 13	14 35 34	9°12'21	15°39	19°49	27°16	25°58	1°22	11° 8	3°40	7°11	7°55	11° 8	10° 4	28° 4	n.a.	T 13
W14	14 39 31	10° 9'26	27°38	20°12	28°24	26°36	1°22	11°12	3°43	7°13	7°55	11° 9	10° 1	28°11	n.a.	W14
T 15	14 43 27	11° 6'31	9♍48	20°40	29°31	27°15	1°23	11°17	3°45	7°15	7°54	11°10	9°57	28°18	n.a.	T 15
F 16	14 47 24	12° 3'34	22°12	21°12	0♈38	27°53	1°24	11°22	3°48	7°18	7°54	11°12	9°54	28°24	n.a.	F 16
S 17	14 51 21	13° 0'38	4♎55	21°49	1°46	28°32	1°25	11°27	3°51	7°20	7°53	11°R13	9°51	28°31	n.a.	S 17
S 18	14 55 17	13°57'41	17°59	22°30	2°53	29°10	1°26	11°32	3°53	7°22	7°53	11°13	9°48	28°38	n.a.	S 18
M19	14 59 14	14°54'43	1♏25	23°15	4° 1	29°49	1°28	11°38	3°56	7°24	7°52	11°12	9°45	28°44	n.a.	M19
T 20	15 3 10	15°51'46	15°12	24° 5	5° 9	0♊27	1°29	11°43	3°59	7°26	7°52	11° 9	9°42	28°51	n.a.	T 20
W21	15 7 7	16°48'49	29°17	24°59	6°17	1° 6	1°31	11°48	4° 2	7°29	7°52	11° 4	9°38	28°58	n.a.	W21
T 22	15 11 3	17°45'51	13♐37	25°58	7°25	1°44	1°33	11°54	4° 4	7°31	7°51	10°59	9°35	29° 5	n.a.	T 22
F 23	15 15 0	18°42'54	28° 5	27° 0	8°33	2°22	1°35	11°59	4° 7	7°33	7°51	10°53	9°32	29°11	n.a.	F 23
S 24	15 18 57	19°39'58	12♑36	28° 6	9°42	3° 1	1°38	12° 4	4°10	7°35	7°51	10°49	9°29	29°18	n.a.	S 24
S 25	15 22 53	20°37'01	27° 3	29°17	10°50	3°39	1°40	12°10	4°13	7°38	7°51	10°45	9°26	29°25	n.a.	S 25
M26	15 26 50	21°34'05	11♒24	0♉31	11°59	4°17	1°43	12°16	4°16	7°40	7°51	10°43	9°22	29°32	n.a.	M26
T 27	15 30 46	22°31'09	25°33	1°49	13° 7	4°56	1°46	12°21	4°19	7°42	7°50	10°D43	9°19	29°38	n.a.	T 27
W28	15 34 43	23°28'13	9♓31	3°12	14°16	5°34	1°49	12°27	4°22	7°44	7°50	10°43	9°16	29°45	n.a.	W28
T 29	15 38 39	24°25'19	23°16	4°38	15°25	6°12	1°52	12°33	4°25	7°46	7°50	10°45	9°13	29°52	n.a.	T 29
F 30	15 42 36	25°22'24	6♈48	6° 7	16°34	6°51	1°55	12°39	4°28	7°48	7°50	10°R46	9°10	29°58	n.a.	F 30
S 31	15 46 32	26♉19'30	20♈ 9	7♉41	17♈43	7♊29	1♍59	12♋45	4♋31	7♉51	7°D50	10♈45	9♈ 7	0♌ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10n51	9s11	2s32	5n58	2s31	8s 0	1s45	18n14	0n43	12n42	1n41	24n21	0n54	24n17	0n29	12n22	1s43	24n54	17n39	4n36	4n18	26n 1			n.a.
F 2	11 12	2 33	1 20	5 37	2 44	7 36	1 47	18 26	0 43	12 42	1 40	24 20	0 54	24 17	0 29	12 23	1 43	24 54	17 38	4 36	4 17	25 59			n.a.
S 3	11 33	4n 8	0 5	5 17	2 55	7 12	1 49	18 37	0 44	12 42	1 40	24 20	0 54	24 17	0 29	12 24	1 43	24 54	17 38	4 37	4 16	25 58			n.a.
S 4	11 53	10 32	1n 9	4 59	3 6	6 48	1 52	18 48	0 44	12 42	1 40	24 20	0 54	24 17	0 29	12 25	1 43	24 54	17 37	4 36	4 14	25 56			n.a.
M 5	12 13	16 21	2 17	4 44	3 16	6 24	1 54	18 59	0 45	12 42	1 40	24 19	0 54	24 17	0 29	12 25	1 43	24 54	17 37	4 36	4 13	25 54			n.a.
T 6	12 34	21 18	3 18	4 32	3 24	5 59	1 55	19 9	0 45	12 42	1 39	24 19	0 54	24 17	0 29	12 26	1 43	24 54	17 36	4 35	4 12	25 53			n.a.
W 7	12 53	25 9	4 7	4 22	3 31	5 34	1 57	19 20	0 45	12 42	1 39	24 19	0 54	24 17	0 29	12 27	1 43	24 54	17 36	4 34	4 11	25 51			n.a.
T 8	13 13	27 44	4 43	4 15	3 37	5 9	1 59	19 30	0 46	12 42	1 39	24 18	0 54	24 16	0 29	12 28	1 43	24 54	17 35	4 32	4 9	25 49			n.a.
F 9	13 33	28 54	5 5	4 10	3 42	4 44	2 0	19 41	0 46	12 42	1 38	24 18	0 54	24 16	0 29	12 28	1 43	24 53	17 35	4 31	4 8	25 48			n.a.
S 10	13 52	28 40	5 13	4 9	3 45	4 18	2 2	19 51	0 46	12 42	1 38	24 17	0 54	24 16	0 29	12 29	1 43	24 53	17 34	4 30	4 7	25 46			n.a.
S 11	14 11	27 6	5 8	4 10	3 47	3 53	2 3	20 1	0 47	12 42	1 38	24 17	0 54	24 16	0 29	12 30	1 43	24 53	17 34	4 29	4 6	25 44			n.a.
M12	14 30	24 19	4 49	4 14	3 49	3 27	2 4	20 11	0 47	12 41	1 38	24 17	0 54	24 16	0 29	12 31	1 43	24 53	17 33	4 29	4 4	25 43			n.a.
T 13	14 48	20 31	4 19	4 21	3 49	3 1	2 5	20 21	0 48	12 41	1 37	24 16	0 54	24 16	0 29	12 31	1 43	24 53	17 33	4 29	4 3	25 41			n.a.
W14	15 7	15 52	3 36	4 31	3 48	2 35	2 6	20 30	0 48	12 41	1 37	24 16	0 54	24 16	0 29	12 32	1 43	24 52	17 32	4 29	4 2	25 39			n.a.
T 15	15 25	10 32	2 43	4 43	3 46	2 8	2 7	20 40	0 48	12 40	1 37	24 15	0 54	24 16	0 29	12 33	1 43	24 52	17 32	4 30	4 0	25 38			n.a.
F 16	15 43	4 42	1 42	4 58	3 43	1 42	2 8	20 49	0 49	12 39	1 36	24 15	0 54	24 16	0 29	12 34	1 43	24 52	17 31	4 30	3 59	25 36			n.a.
S 17	16 0	1s28	0 34	5 15	3 39	1 15	2 9	20 58	0 49	12 39	1 36	24 15	0 54	24 16	0 28	12 34	1 43	24 51	17 31	4 31	3 58	25 34			n.a.
S 18	16 18	7 44	0s37	5 35	3 35	0 48	2 9	21 7	0 50	12 38	1 36	24 14	0 54	24 16	0 28	12 35	1 43	24 51	17 30	4 31	3 57	25 33			n.a.
M19	16 35	13 51	1 48	5 57	3 29	0 21	2 10	21 16	0 50	12 37	1 36	24 14	0 54	24 15	0 28	12 36	1 43	24 51	17 30	4 30	3 55	25 31			n.a.
T 20	16 52	19 26	2 54	6 21	3 23	0n 6	2 10	21 24	0 50	12 36	1 35	24 13	0 54	24 15	0 28	12 36	1 43	24 50	17 29	4 29	3 54	25 29			n.a.
W21	17 9	24 6	3 52	6 48	3 16	0 33	2 10	21 33	0 51	12 35	1 35	24 13	0 54	24 15	0 28	12 37	1 43	24 50	17 29	4 27	3 53	25 27			n.a.
T 22	17 25	27 22	4 36	7 16	3 9	1 0	2 11	21 41	0 51	12 34	1 35	24 12	0 54	24 15	0 28	12 38	1 43	24 50	17 28	4 25	3 52	25 26			n.a.
F 23	17 41	28 52	5 2	7 47	3 0	1 27	2 11	21 49	0 51	12 33	1 34	24 12	0 54	24 15	0 28	12 39	1 43	24 49	17 27	4 23	3 50	25 24			n.a.
S 24	17 57	28 22	5 10	8 19	2 51	1 54	2 11	21 57	0 52	12 32	1 34	24 11	0 54	24 15	0 28	12 39	1 43	24 49	17 27	4 21	3 49	25 22			n.a.
S 25	18 12	25 57	4 57	8 53	2 42	2 22	2 10	22 5	0 52	12 31	1 34	24 11	0 54	24 15	0 28	12 40	1 43	24 48	17 26	4 19	3 48	25 20			n.a.
M26	18 28	21 55	4 27	9 29	2 32	2 49	2 10	22 13	0 52	12 30	1 33	24 10	0 55	24 15	0 28	12 41	1 43	24 48	17 26	4 19	3 47	25 19			n.a.
T 27	18 43	16 40	3 40	10 6	2 22	3 17	2 10	22 20	0 53	12 28	1 33	24 10	0 55	24 15	0 28	12 41	1 43	24 47	17 25	4 18	3 45	25 17			n.a.
W28	18 57	10 37	2 41	10 44	2 11	3 44	2 9	22 28	0 53	12 27	1 33	24 9	0 55	24 15	0 28	12 42	1 43	24 47	17 25	4 19	3 44	25 15			n.a.
T 29	19 12	4 8	1 33	11 24	2 0	4 11	2 9	22 35	0 53	12 26	1 33	24 9	0 55	24 14	0 28	12 43	1 43	24 47	17 24	4 19	3 43	25 13			n.a.
F 30	19 26	2n25	0 21	12 5	1 48	4 39	2 8	22 42	0 54	12 24	1 32	24 8	0 55	24 14	0 28	12 44	1 43	24 46	17 24	4 20	3 41	25 12			n.a.
S 31	19n39	8n47	0n51	12n47	1s37	5n 6	2s 8	22n49	0n54	12n23	1n32	24n 8	0n55	24n14	0n28	12n44	1s43	24n45	17n23	4n20	3n40	25n10			n.a.

Julian Day Number = 1270824.5, Delta T = 08h17m20s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'09, Lahiri = -20°59'08 Julian Calendar 1 May 1234 BCE == Greg. Calendar 20 Apr. 1234 BCE

The year -1233 astronomical counting style corresponds to year 1234 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1234 BCE
geocentric

JUNE 1234 BCE (-1233) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 50 29	27♉16'37	3♉17	9♉17	18♈52	8♊ 7	2♍ 2	12♋51	4♋34	7♉53	7♍50	10°R43	9♈ 3	0♌12	n.a.	S 1
M 2	15 54 26	28°13'44	16°14	10°58	20° 1	8°46	2° 6	12°57	4°38	7°55	7°50	10♈39	9° 0	0°19	n.a.	M 2
T 3	15 58 22	29°10'51	28°58	12°42	21°11	9°24	2°10	13° 3	4°41	7°57	7°50	10°32	8°57	0°25	n.a.	T 3
W 4	16 2 19	0♊ 7'59	11♊31	14°29	22°20	10° 2	2°14	13° 9	4°44	7°59	7°51	10°24	8°54	0°32	n.a.	W 4
T 5	16 6 15	1° 5'08	23°52	16°19	23°29	10°41	2°19	13°15	4°47	8° 1	7°51	10°15	8°51	0°39	n.a.	T 5
F 6	16 10 12	2° 2'16	6♋ 2	18°12	24°39	11°19	2°23	13°21	4°51	8° 3	7°51	10° 6	8°48	0°45	n.a.	F 6
S 7	16 14 8	2°59'25	18° 3	20° 7	25°49	11°57	2°28	13°28	4°54	8° 5	7°51	9°57	8°44	0°52	n.a.	S 7
S 8	16 18 5	3°56'35	29°57	22° 5	26°58	12°36	2°33	13°34	4°57	8° 7	7°51	9°50	8°41	0°59	n.a.	S 8
M 9	16 22 2	4°53'45	11♌48	24° 6	28° 8	13°14	2°38	13°40	5° 1	8° 9	7°52	9°45	8°38	1° 6	n.a.	M 9
T 10	16 25 58	5°50'55	23°40	26° 8	29°18	13°52	2°43	13°47	5° 4	8°11	7°52	9°43	8°35	1°12	n.a.	T 10
W11	16 29 55	6°48'05	5♍37	28°12	0♉28	14°30	2°48	13°53	5° 7	8°13	7°52	9°D42	8°32	1°19	n.a.	W11
T 12	16 33 51	7°45'16	17°45	0♊17	1°38	15° 9	2°54	14° 0	5°11	8°15	7°53	9°42	8°28	1°26	n.a.	T 12
F 13	16 37 48	8°42'28	0♎ 9	2°23	2°48	15°47	2°59	14° 7	5°14	8°17	7°53	9°43	8°25	1°32	n.a.	F 13
S 14	16 41 44	9°39'39	12°53	4°30	3°58	16°25	3° 5	14°13	5°18	8°19	7°54	9°R43	8°22	1°39	n.a.	S 14
S 15	16 45 41	10°36'52	26° 1	6°37	5° 9	17° 3	3°11	14°20	5°21	8°21	7°54	9°42	8°19	1°46	n.a.	S 15
M16	16 49 37	11°34'05	9♏36	8°44	6°19	17°41	3°17	14°27	5°25	8°23	7°55	9°39	8°16	1°52	n.a.	M16
T 17	16 53 34	12°31'18	23°37	10°51	7°29	18°20	3°23	14°33	5°28	8°25	7°55	9°33	8°13	1°59	n.a.	T 17
W18	16 57 31	13°28'33	8♐ 2	12°58	8°40	18°58	3°29	14°40	5°32	8°27	7°56	9°25	8° 9	2° 6	n.a.	W18
T 19	17 1 27	14°25'48	22°46	15° 4	9°51	19°36	3°36	14°47	5°35	8°29	7°57	9°16	8° 6	2°13	n.a.	T 19
F 20	17 5 24	15°23'05	7♑40	17° 9	11° 1	20°14	3°42	14°54	5°39	8°31	7°57	9° 6	8° 3	2°19	n.a.	F 20
S 21	17 9 20	16°20'22	22°35	19°13	12°12	20°53	3°49	15° 1	5°42	8°33	7°58	8°57	8° 0	2°26	n.a.	S 21
S 22	17 13 17	17°17'41	7♒23	21°16	13°23	21°31	3°56	15° 8	5°46	8°35	7°59	8°50	7°57	2°33	n.a.	S 22
M23	17 17 13	18°15'01	21°58	23°18	14°34	22° 9	4° 3	15°15	5°49	8°37	8° 0	8°46	7°54	2°39	n.a.	M23
T 24	17 21 10	19°12'22	6♓14	25°19	15°45	22°47	4°10	15°22	5°53	8°38	8° 0	8°43	7°50	2°46	n.a.	T 24
W25	17 25 7	20° 9'45	20°10	27°18	16°56	23°25	4°17	15°29	5°57	8°40	8° 1	8°D43	7°47	2°53	n.a.	W25
T 26	17 29 3	21° 7'09	3♈47	29°15	18° 7	24° 4	4°24	15°36	6° 0	8°42	8° 2	8°R43	7°44	3° 0	n.a.	T 26
F 27	17 33 0	22° 4'34	17° 6	1♋12	19°18	24°42	4°32	15°43	6° 4	8°44	8° 3	8°43	7°41	3° 6	n.a.	F 27
S 28	17 36 56	23° 2'01	0♉ 9	3° 6	20°29	25°20	4°40	15°50	6° 8	8°45	8° 4	8°41	7°38	3°13	n.a.	S 28
S 29	17 40 53	23°59'29	12°59	4°59	21°41	25°58	4°47	15°57	6°11	8°47	8° 5	8°37	7°34	3°20	n.a.	S 29
M30	17 44 49	24♊56'59	25♉37	6♋51	22♉52	26♊36	4♍55	16♋ 4	6♋15	8♉49	8♍ 6	8♈30	7♈31	3♌26	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n53	14n40	1n58	13n30	1s25	5n33	2s 7	22n56	0n54	12n21	1n32	24n 7	0n55	24n14	0n28	12n45	1s43	24n45	17n22	4n19	3n39	25n 8		n.a.
M 2	20 6	19 50	2 59	14 13	1 13	6 1	2 6	23 2	0 55	12 19	1 32	24 6	0 55	24 14	0 28	12 46	1 43	24 44	17 22	4 17	3 38	25 6		n.a.
T 3	20 19	24 0	3 50	14 57	1 1	6 28	2 5	23 8	0 55	12 18	1 31	24 6	0 55	24 14	0 28	12 46	1 43	24 44	17 21	4 14	3 36	25 4		n.a.
W 4	20 31	26 58	4 28	15 41	0 48	6 55	2 4	23 14	0 55	12 16	1 31	24 5	0 55	24 14	0 28	12 47	1 43	24 43	17 21	4 11	3 35	25 2		n.a.
T 5	20 43	28 35	4 53	16 25	0 36	7 22	2 3	23 20	0 56	12 14	1 31	24 5	0 55	24 14	0 28	12 48	1 43	24 43	17 20	4 7	3 34	25 1		n.a.
F 6	20 55	28 47	5 5	17 9	0 24	7 49	2 2	23 26	0 56	12 12	1 30	24 4	0 55	24 13	0 28	12 48	1 43	24 42	17 20	4 4	3 33	24 59		n.a.
S 7	21 7	27 36	5 3	17 52	0 12	8 16	2 1	23 32	0 56	12 10	1 30	24 3	0 55	24 13	0 28	12 49	1 43	24 41	17 19	4 0	3 31	24 57		n.a.
S 8	21 18	25 10	4 47	18 35	0 1	8 43	1 59	23 37	0 56	12 8	1 30	24 3	0 55	24 13	0 28	12 50	1 43	24 41	17 18	3 58	3 30	24 55		n.a.
M 9	21 28	21 41	4 20	19 17	0n11	9 9	1 58	23 43	0 57	12 6	1 30	24 2	0 55	24 13	0 28	12 50	1 43	24 40	17 18	3 56	3 29	24 53		n.a.
T 10	21 39	17 19	3 41	19 58	0 21	9 36	1 56	23 48	0 57	12 4	1 29	24 1	0 55	24 13	0 28	12 51	1 43	24 39	17 17	3 55	3 27	24 51		n.a.
W11	21 49	12 16	2 52	20 37	0 32	10 2	1 55	23 53	0 57	12 2	1 29	24 1	0 55	24 13	0 28	12 52	1 43	24 39	17 17	3 54	3 26	24 49		n.a.
T 12	21 58	6 40	1 55	21 14	0 42	10 28	1 53	23 57	0 58	11 59	1 29	24 0	0 55	24 13	0 28	12 52	1 43	24 38	17 16	3 54	3 25	24 48		n.a.
F 13	22 8	0 43	0 51	21 49	0 51	10 54	1 52	24 2	0 58	11 57	1 28	23 59	0 55	24 13	0 28	12 53	1 43	24 37	17 15	3 55	3 24	24 46		n.a.
S 14	22 16	5s26	0s17	22 23	1 0	11 20	1 50	24 6	0 58	11 55	1 28	23 59	0 55	24 12	0 28	12 53	1 43	24 37	17 15	3 55	3 22	24 44		n.a.
S 15	22 25	11 32	1 26	22 54	1 8	11 46	1 48	24 10	0 59	11 52	1 28	23 58	0 55	24 12	0 28	12 54	1 43	24 36	17 14	3 54	3 21	24 42		n.a.
M16	22 33	17 20	2 32	23 22	1 15	12 11	1 46	24 14	0 59	11 50	1 28	23 57	0 55	24 12	0 28	12 55	1 43	24 35	17 14	3 53	3 20	24 40		n.a.
T 17	22 41	22 24	3 31	23 48	1 22	12 36	1 44	24 18	0 59	11 47	1 27	23 57	0 55	24 12	0 28	12 55	1 43	24 34	17 13	3 51	3 19	24 38		n.a.
W18	22 48	26 16	4 19	24 11	1 28	13 1	1 42	24 22	0 59	11 45	1 27	23 56	0 55	24 12	0 28	12 56	1 43	24 34	17 13	3 48	3 17	24 36		n.a.
T 19	22 55	28 28	4 50	24 32	1 33	13 26	1 40	24 25	1 0	11 42	1 27	23 55	0 55	24 12	0 28	12 56	1 43	24 33	17 12	3 44	3 16	24 34		n.a.
F 20	23 2	28 39	5 2	24 50	1 38	13 50	1 38	24 28	1 0	11 40	1 27	23 54	0 55	24 12	0 28	12 57	1 43	24 32	17 11	3 40	3 15	24 32		n.a.
S 21	23 8	26 45	4 54	25 5	1 41	14 14	1 36	24 31	1 0	11 37	1 26	23 54	0 55	24 11	0 28	12 58	1 43	24 31	17 11	3 37	3 13	24 30		n.a.
S 22	23 13	23 1	4 26	25 17	1 45	14 38	1 34	24 34	1 0	11 34	1 26	23 53	0 55	24 11	0 28	12 58	1 43	24 31	17 10	3 34	3 12	24 28		n.a.
M23	23 19	17 54	3 41	25 27	1 47	15 1	1 32	24 37	1 1	11 31	1 26	23 52	0 55	24 11	0 28	12 59	1 43	24 30	17 10	3 32	3 11	24 26		n.a.
T 24	23 24	11 54	2 43	25 34	1 49	15 24	1 29	24 39	1 1	11 28	1 26	23 51	0 55	24 11	0 28	12 59	1 44	24 29	17 9	3 31	3 10	24 24		n.a.
W25	23 28	5 26	1 37	25 39	1 50	15 47	1 27	24 42	1 1	11 25	1 25	23 51	0 55	24 11	0 28	13 0	1 44	24 28	17 9	3 31	3 8	24 22		n.a.
T 26	23 32	1n 8	0 26	25 41	1 50	16 10	1 25	24 44	1 2	11 23	1 25	23 50	0 55	24 11	0 28	13 0	1 44	24 27	17 8	3 31	3 7	24 20		n.a.
F 27	23 36	7 30	0n44	25 40	1 50	16 32	1 22	24 46	1 2	11 20	1 25	23 49	0 55	24 10	0 28	13 1	1 44	24 26	17 8	3 31	3 6	24 18		n.a.
S 28	23 39	13 27	1 51	25 38	1 49	16 54	1 20	24 48	1 2	11 16	1 25	23 48	0 55	24 10	0 28	13 1	1 44	24 25	17 7	3 30	3 5	24 16		n.a.
S 29	23 42	18 42	2 51	25 33	1 48	17 15	1 17	24 49	1 2	11 13	1 25	23 47	0 55	24 10	0 28	13 2	1 44	24 25	17 6	3 28	3 3	24 14		n.a.
M30	23n45	23n 3	3n41	25n26	1n46	17n36	1s15	24n50	1n 3	11n10	1n24	23n47	0n56	24n10	0n28	13n 2	1s44	24n24	17n 6	3n26	3n 2	24n12		n.a.

Julian Day Number = 1270855.5, Delta T = 08h17m18s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'05, Lahiri = -20°59'04 Julian Calendar 1 June 1234 BCE == Greg. Calendar 21 May 1234 BCE

The year -1233 astronomical counting style corresponds to year 1234 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1234 BCE
geocentric

JULY 1234 BCE (-1233) JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n47	26n18	4n20	25n17	1n44	17n56	1s12	24n52	1n 3	11n 7	1n24	23n46	0n56	24n10	0n28	13n 3	1s44	24n23	17n 5	3n22	3n 1	24n10			n.a.
W 2	23 48	28 14	4 46	25 6	1 41	18 17	1 10	24 53	1 3	11 4	1 24	23 45	0 56	24 9	0 28	13 3	1 44	24 22	17 5	3 17	2 59	24 8			n.a.
T 3	23 50	28 48	4 58	24 53	1 38	18 36	1 7	24 53	1 3	11 0	1 24	23 44	0 56	24 9	0 28	13 4	1 44	24 21	17 4	3 12	2 58	24 6			n.a.
F 4	23 50	27 58	4 58	24 39	1 34	18 55	1 4	24 54	1 3	10 57	1 23	23 43	0 56	24 9	0 28	13 4	1 44	24 20	17 4	3 6	2 57	24 4			n.a.
S 5	23 51	25 50	4 44	24 23	1 30	19 14	1 2	24 54	1 4	10 54	1 23	23 42	0 56	24 9	0 28	13 5	1 44	24 19	17 3	3 1	2 56	24 2			n.a.
S 6	23 50	22 37	4 18	24 5	1 25	19 33	0 59	24 55	1 4	10 50	1 23	23 41	0 56	24 9	0 28	13 5	1 44	24 18	17 3	2 57	2 54	24 0			n.a.
M 7	23 50	18 28	3 40	23 46	1 20	19 50	0 56	24 55	1 4	10 47	1 23	23 41	0 56	24 9	0 28	13 6	1 44	24 17	17 2	2 53	2 53	23 58			n.a.
T 8	23 49	13 37	2 53	23 26	1 15	20 8	0 53	24 54	1 4	10 43	1 22	23 40	0 56	24 8	0 28	13 6	1 44	24 16	17 2	2 51	2 52	23 56			n.a.
W 9	23 48	8 14	1 59	23 4	1 9	20 24	0 51	24 54	1 5	10 40	1 22	23 39	0 56	24 8	0 28	13 7	1 44	24 15	17 1	2 50	2 51	23 54			n.a.
T 10	23 46	2 28	0 58	22 42	1 3	20 41	0 48	24 53	1 5	10 36	1 22	23 38	0 56	24 8	0 28	13 7	1 44	24 14	17 1	2 50	2 49	23 52			n.a.
F 11	23 44	3s30	0s 7	22 18	0 57	20 56	0 45	24 53	1 5	10 33	1 22	23 37	0 56	24 8	0 28	13 8	1 44	24 13	17 0	2 50	2 48	23 50			n.a.
S 12	23 41	9 29	1 14	21 53	0 50	21 12	0 42	24 52	1 5	10 29	1 22	23 36	0 56	24 8	0 28	13 8	1 44	24 12	17 0	2 49	2 47	23 48			n.a.
S 13	23 38	15 17	2 18	21 27	0 43	21 26	0 39	24 51	1 5	10 25	1 21	23 35	0 56	24 7	0 28	13 8	1 44	24 11	16 59	2 49	2 45	23 46			n.a.
M14	23 34	20 33	3 17	21 1	0 36	21 40	0 36	24 49	1 6	10 21	1 21	23 34	0 56	24 7	0 28	13 9	1 44	24 10	16 59	2 47	2 44	23 44			n.a.
T 15	23 30	24 53	4 7	20 34	0 28	21 54	0 34	24 48	1 6	10 18	1 21	23 33	0 56	24 7	0 28	13 9	1 44	24 9	16 58	2 45	2 43	23 42			n.a.
W16	23 26	27 48	4 42	20 6	0 21	22 7	0 31	24 46	1 6	10 14	1 21	23 32	0 56	24 7	0 28	13 10	1 44	24 8	16 58	2 41	2 42	23 40			n.a.
T 17	23 21	28 49	4 59	19 38	0 13	22 19	0 28	24 44	1 6	10 10	1 21	23 31	0 57	24 7	0 28	13 10	1 44	24 7	16 57	2 37	2 40	23 37			n.a.
F 18	23 16	27 42	4 56	19 9	0 5	22 30	0 25	24 42	1 6	10 6	1 20	23 30	0 57	24 6	0 28	13 10	1 44	24 6	16 57	2 33	2 39	23 35			n.a.
S 19	23 10	24 32	4 31	18 39	0s 4	22 42	0 22	24 40	1 7	10 2	1 20	23 29	0 57	24 6	0 28	13 11	1 44	24 5	16 56	2 28	2 38	23 33			n.a.
S 20	23 4	19 41	3 48	18 10	0 12	22 52	0 19	24 37	1 7	9 58	1 20	23 28	0 57	24 6	0 28	13 11	1 45	24 4	16 56	2 25	2 36	23 31			n.a.
M21	22 58	13 42	2 50	17 40	0 21	23 2	0 17	24 34	1 7	9 54	1 20	23 27	0 57	24 6	0 28	13 11	1 45	24 3	16 55	2 23	2 35	23 29			n.a.
T 22	22 51	7 7	1 42	17 9	0 30	23 11	0 14	24 32	1 7	9 50	1 20	23 26	0 57	24 6	0 28	13 12	1 45	24 2	16 55	2 21	2 34	23 27			n.a.
W23	22 44	0 22	0 30	16 39	0 39	23 19	0 11	24 29	1 7	9 46	1 20	23 25	0 57	24 5	0 28	13 12	1 45	24 1	16 54	2 21	2 33	23 25			n.a.
T 24	22 36	6n13	0n42	16 9	0 48	23 27	0 8	24 25	1 8	9 42	1 19	23 24	0 57	24 5	0 28	13 12	1 45	24 0	16 54	2 21	2 31	23 22			n.a.
F 25	22 28	12 20	1 50	15 38	0 57	23 34	0 5	24 22	1 8	9 38	1 19	23 23	0 57	24 5	0 29	13 12	1 45	23 59	16 54	2 21	2 30	23 20			n.a.
S 26	22 19	17 46	2 51	15 8	1 6	23 40	0 2	24 18	1 8	9 33	1 19	23 22	0 57	24 5	0 29	13 13	1 45	23 58	16 53	2 20	2 29	23 18			n.a.
S 27	22 11	22 19	3 41	14 38	1 15	23 46	0n 0	24 15	1 8	9 29	1 19	23 21	0 57	24 5	0 29	13 13	1 45	23 57	16 53	2 19	2 28	23 16			n.a.
M28	22 1	25 47	4 20	14 8	1 25	23 51	0 3	24 11	1 8	9 25	1 19	23 20	0 57	24 4	0 29	13 13	1 45	23 56	16 52	2 16	2 26	23 14			n.a.
T 29	21 52	27 59	4 47	13 39	1 34	23 55	0 6	24 6	1 9	9 21	1 19	23 19	0 57	24 4	0 29	13 13	1 45	23 55	16 52	2 13	2 25	23 12			n.a.
W30	21 42	28 50	5 0	13 10	1 44	23 59	0 9	24 2	1 9	9 16	1 18	23 18	0 58	24 4	0 29	13 14	1 45	23 53	16 52	2 8	2 24	23 9			n.a.
T 31	21n31	28n18	4n59	12n41	1s53	24n 2	0n11	23n58	1n 9	9n12	1n18	23n17	0n58	24n 4	0n29	13n14	1s45	23n52	16n51	2n 3	2n22	23n 7			n.a.

Julian Day Number = 1270885.5, Delta T = 08h17m16s
Ecliptic obliquity = 23°50'36, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°06'00, Lahiri = -20°59'00 Julian Calendar 1 July 1234 BCE == Greg. Calendar 20 June 1234 BCE

The year -1233 astronomical counting style corresponds to year 1234 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1234 BCE
geocentric

AUGUST 1234 BCE (-1233) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 50 59	25♋49'53	23♋27	22♌46	1♋32	17♋ 1	10♍ 4	20♋ 2	8♋14	9♉29	8♍53	4°R51	5♈50	7♌ 1	n.a.	F 1
S 2	19 54 56	26°48'18	5♌19	23°41	2°45	17°39	10°15	20°10	8°18	9°30	8°55	4♈39	5°46	7° 8	n.a.	S 2
S 3	19 58 52	27°46'45	17° 9	24°33	3°59	18°18	10°26	20°17	8°21	9°31	8°57	4°29	5°43	7°15	n.a.	S 3
M 4	20 2 49	28°45'14	28°58	25°21	5°12	18°56	10°37	20°25	8°25	9°31	8°59	4°21	5°40	7°21	n.a.	M 4
T 5	20 6 45	29°43'44	10♍50	26° 7	6°26	19°34	10°49	20°32	8°28	9°32	9° 1	4°15	5°37	7°28	n.a.	T 5
W 6	20 10 42	0♌42'17	22°47	26°48	7°40	20°13	11° 0	20°40	8°32	9°33	9° 3	4°13	5°34	7°35	n.a.	W 6
T 7	20 14 38	1°40'51	4♎53	27°26	8°53	20°51	11°11	20°47	8°35	9°33	9° 5	4°D12	5°31	7°41	n.a.	T 7
F 8	20 18 35	2°39'27	17°13	28° 0	10° 7	21°29	11°23	20°55	8°39	9°34	9° 7	4°12	5°27	7°48	n.a.	F 8
S 9	20 22 32	3°38'05	29°51	28°29	11°21	22° 8	11°35	21° 2	8°42	9°34	9° 9	4°R13	5°24	7°55	n.a.	S 9
S 10	20 26 28	4°36'45	12♏51	28°53	12°35	22°46	11°46	21° 9	8°46	9°35	9°11	4°13	5°21	8° 1	n.a.	S 10
M11	20 30 25	5°35'27	26°19	29°12	13°49	23°25	11°58	21°17	8°49	9°35	9°13	4°11	5°18	8° 8	n.a.	M11
T 12	20 34 21	6°34'11	10♐15	29°25	15° 3	24° 3	12°10	21°24	8°53	9°36	9°15	4° 7	5°15	8°15	n.a.	T 12
W13	20 38 18	7°32'56	24°40	29°32	16°17	24°42	12°22	21°32	8°56	9°36	9°18	4° 0	5°12	8°22	n.a.	W13
T 14	20 42 14	8°31'44	9♑32	29°R33	17°31	25°20	12°34	21°39	9° 0	9°37	9°20	3°53	5° 8	8°28	n.a.	T 14
F 15	20 46 11	9°30'33	24°41	29°28	18°45	25°59	12°46	21°46	9° 3	9°37	9°22	3°44	5° 5	8°35	n.a.	F 15
S 16	20 50 7	10°29'25	10♒ 0	29°15	19°59	26°37	12°58	21°53	9° 6	9°37	9°24	3°36	5° 2	8°42	n.a.	S 16
S 17	20 54 4	11°28'18	25°17	28°55	21°13	27°16	13°10	22° 1	9°10	9°38	9°26	3°30	4°59	8°48	n.a.	S 17
M18	20 58 1	12°27'14	10♓21	28°28	22°28	27°54	13°22	22° 8	9°13	9°38	9°28	3°26	4°56	8°55	n.a.	M18
T 19	21 1 57	13°26'12	25° 3	27°54	23°42	28°33	13°34	22°15	9°16	9°38	9°31	3°24	4°52	9° 2	n.a.	T 19
W20	21 5 54	14°25'12	9♈20	27°12	24°56	29°11	13°46	22°22	9°19	9°38	9°33	3°D24	4°49	9° 8	n.a.	W20
T 21	21 9 50	15°24'15	23° 8	26°23	26°11	29°50	13°59	22°29	9°23	9°39	9°35	3°25	4°46	9°15	n.a.	T 21
F 22	21 13 47	16°23'21	6♉30	25°28	27°25	0♌28	14°11	22°37	9°26	9°39	9°37	3°26	4°43	9°22	n.a.	F 22
S 23	21 17 43	17°22'29	19°28	24°28	28°40	1° 7	14°24	22°44	9°29	9°39	9°40	3°R26	4°40	9°29	n.a.	S 23
S 24	21 21 40	18°21'39	2♊ 5	23°23	29°54	1°45	14°36	22°51	9°32	9°39	9°42	3°25	4°37	9°35	n.a.	S 24
M25	21 25 36	19°20'52	14°26	22°16	1♌ 9	2°24	14°49	22°58	9°35	9°R39	9°44	3°22	4°33	9°42	n.a.	M25
T 26	21 29 33	20°20'07	26°34	21° 6	2°24	3° 2	15° 1	23° 5	9°38	9°39	9°47	3°17	4°30	9°49	n.a.	T 26
W27	21 33 29	21°19'25	8♋34	19°58	3°38	3°41	15°14	23°12	9°41	9°39	9°49	3°11	4°27	9°55	n.a.	W27
T 28	21 37 26	22°18'45	20°29	18°51	4°53	4°20	15°26	23°19	9°44	9°39	9°51	3° 3	4°24	10° 2	n.a.	T 28
F 29	21 41 23	23°18'07	2♌20	17°48	6° 8	4°58	15°39	23°25	9°47	9°39	9°53	2°55	4°21	10° 9	n.a.	F 29
S 30	21 45 19	24°17'32	14°11	16°52	7°23	5°37	15°52	23°32	9°50	9°38	9°56	2°48	4°18	10°15	n.a.	S 30
S 31	21 49 16	25♌16'59	26♌ 2	16♌ 3	8♌37	6♌16	16♍ 4	23♋39	9♋53	9♉38	9♍58	2♈42	4♈14	10♌22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n20	26n27	4n46	12n13	2s 3	24n 4	0n14	23n53	1n 9	9n 8	1n18	23n16	0n58	24n 4	0n29	13n14	1s45	23n51	16n51	1n58	2n21	23n 5		n.a.
S 2	21 9	23 27	4 20	11 46	2 12	24 5	0 17	23 48	1 9	9 3	1 18	23 15	0 58	24 3	0 29	13 14	1 45	23 50	16 50	1 53	2 20	23 3		n.a.
S 3	20 57	19 29	3 43	11 20	2 22	24 6	0 19	23 43	1 9	8 59	1 18	23 14	0 58	24 3	0 29	13 15	1 45	23 49	16 50	1 48	2 19	23 1		n.a.
M 4	20 45	14 46	2 56	10 55	2 31	24 6	0 22	23 38	1 10	8 54	1 18	23 13	0 58	24 3	0 29	13 15	1 45	23 48	16 50	1 45	2 17	22 58		n.a.
T 5	20 33	9 29	2 1	10 31	2 40	24 5	0 24	23 32	1 10	8 50	1 17	23 12	0 58	24 3	0 29	13 15	1 45	23 47	16 49	1 43	2 16	22 56		n.a.
W 6	20 20	3 50	1 1	10 9	2 49	24 4	0 27	23 27	1 10	8 45	1 17	23 11	0 58	24 2	0 29	13 15	1 45	23 46	16 49	1 42	2 15	22 54		n.a.
T 7	20 7	2s 2	0s 4	9 48	2 57	24 2	0 29	23 21	1 10	8 40	1 17	23 10	0 58	24 2	0 29	13 15	1 45	23 45	16 49	1 42	2 13	22 52		n.a.
F 8	19 54	7 56	1 9	9 28	3 6	23 59	0 32	23 15	1 10	8 36	1 17	23 9	0 58	24 2	0 29	13 15	1 45	23 44	16 48	1 42	2 12	22 49		n.a.
S 9	19 40	13 40	2 13	9 11	3 14	23 55	0 34	23 9	1 10	8 31	1 17	23 8	0 58	24 2	0 29	13 15	1 46	23 43	16 48	1 42	2 11	22 47		n.a.
S 10	19 26	18 59	3 11	8 55	3 21	23 51	0 37	23 2	1 10	8 27	1 17	23 7	0 59	24 2	0 29	13 16	1 46	23 41	16 48	1 42	2 10	22 45		n.a.
M11	19 11	23 34	4 2	8 42	3 28	23 46	0 39	22 56	1 11	8 22	1 17	23 6	0 59	24 1	0 29	13 16	1 46	23 40	16 47	1 41	2 8	22 43		n.a.
T 12	18 57	26 58	4 40	8 31	3 35	23 40	0 41	22 49	1 11	8 17	1 16	23 5	0 59	24 1	0 29	13 16	1 46	23 39	16 47	1 40	2 7	22 40		n.a.
W13	18 42	28 45	5 1	8 23	3 40	23 33	0 44	22 42	1 11	8 12	1 16	23 3	0 59	24 1	0 29	13 16	1 46	23 38	16 47	1 37	2 6	22 38		n.a.
T 14	18 26	28 33	5 4	8 18	3 45	23 26	0 46	22 35	1 11	8 8	1 16	23 2	0 59	24 1	0 29	13 16	1 46	23 37	16 47	1 34	2 5	22 36		n.a.
F 15	18 10	26 13	4 46	8 17	3 49	23 18	0 48	22 28	1 11	8 3	1 16	23 1	0 59	24 1	0 29	13 16	1 46	23 36	16 46	1 31	2 3	22 33		n.a.
S 16	17 54	21 59	4 7	8 18	3 52	23 9	0 50	22 21	1 11	7 58	1 16	23 0	0 59	24 0	0 29	13 16	1 46	23 35	16 46	1 27	2 2	22 31		n.a.
S 17	17 38	16 17	3 10	8 24	3 54	23 0	0 52	22 14	1 11	7 53	1 16	22 59	0 59	24 0	0 29	13 16	1 46	23 34	16 46	1 25	2 1	22 29		n.a.
M18	17 21	9 40	2 1	8 33	3 54	22 50	0 54	22 6	1 11	7 48	1 16	22 58	0 59	24 0	0 29	13 16	1 46	23 33	16 45	1 23	1 59	22 27		n.a.
T 19	17 4	2 41	0 45	8 46	3 53	22 39	0 56	21 58	1 12	7 44	1 16	22 57	1 0	24 0	0 29	13 16	1 46	23 31	16 45	1 22	1 58	22 24		n.a.
W20	16 47	4n15	0n32	9 3	3 50	22 27	0 58	21 50	1 12	7 39	1 16	22 56	1 0	23 59	0 29	13 16	1 46	23 30	16 45	1 22	1 57	22 22		n.a.
T 21	16 29	10 45	1 44	9 25	3 45	22 15	1 0	21 42	1 12	7 34	1 15	22 55	1 0	23 59	0 29	13 16	1 46	23 29	16 45	1 23	1 56	22 20		n.a.
F 22	16 11	16 34	2 49	9 50	3 38	22 2	1 2	21 34	1 12	7 29	1 15	22 54	1 0	23 59	0 29	13 16	1 46	23 28	16 45	1 23	1 54	22 17		n.a.
S 23	15 53	21 27	3 43	10 18	3 29	21 49	1 3	21 25	1 12	7 24	1 15	22 53	1 0	23 59	0 29	13 16	1 46	23 27	16 44	1 23	1 53	22 15		n.a.
S 24	15 35	25 14	4 24	10 50	3 18	21 34	1 5	21 17	1 12	7 19	1 15	22 52	1 0	23 59	0 29	13 16	1 46	23 26	16 44	1 23	1 52	22 13		n.a.
M25	15 16	27 45	4 52	11 24	3 5	21 19	1 7	21 8	1 12	7 14	1 15	22 50	1 0	23 58	0 29	13 16	1 46	23 25	16 44	1 22	1 50	22 10		n.a.
T 26	14 57	28 54	5 7	12 1	2 51	21 4	1 8	20 59	1 12	7 9	1 15	22 49	1 0	23 58	0 29	13 16	1 46	23 24	16 44	1 20	1 49	22 8		n.a.
W27	14 38	28 40	5 7	12 38	2 34	20 48	1 10	20 50	1 12	7 4	1 15	22 48	1 0	23 58	0 29	13 16	1 47	23 23	16 44	1 17	1 48	22 5		n.a.
T 28	14 18	27 6	4 55	13 16	2 17	20 31	1 11	20 40	1 13	6 59	1 15	22 47	1 1	23 58	0 29	13 16	1 47	23 22	16 43	1 14	1 47	22 3		n.a.
F 29	13 59	24 20	4 29	13 53	1 58	20 14	1 13	20 31	1 13	6 54	1 15	22 46	1 1	23 58	0 29	13 16	1 47	23 21	16 43	1 11	1 45	22 1		n.a.
S 30	13 39	20 33	3 53	14 29	1 38	19 56	1 14	20 22	1 13	6 49	1 15	22 45	1 1	23 57	0 29	13 16	1 47	23 20	16 43	1 8	1 44	21 58		n.a.
S 31	13n19	15n57	3n 6	15n 4	1s18	19n37	1n15	20n12	1n13	6n43	1n14	22n44	1n 1	23n57	0n29	13n16	1s47	23n19	16n43	1n 5	1n43	21n56		n.a.

Julian Day Number = 1270916.5, Delta T = 08h17m15s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'56, Lahiri = -20°58'56 Julian Calendar 1 Aug. 1234 BCE == Greg. Calendar 21 July 1234 BCE

The year -1233 astronomical counting style corresponds to year 1234 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1234 BCE
geocentric

SEPTEMBER 1234 BCE (-1233) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 53 12	26♌16'28	7♍56	15°R22	9♌52	6♌54	16♍17	23♋46	9♋56	9°R38	10♍ 1	2°R37	4♈11	10♌29	n.a.	M 1
T 2	21 57 9	27°15'59	19°54	14♌51	11° 7	7°33	16°30	23°53	9°59	9♉38	10° 3	2♈34	4° 8	10°36	n.a.	T 2
W 3	22 1 5	28°15'32	1♎59	14°31	12°22	8°12	16°43	23°59	10° 2	9°37	10° 5	2°D33	4° 5	10°42	n.a.	W 3
T 4	22 5 2	29°15'07	14°13	14°D22	13°37	8°50	16°56	24° 6	10° 4	9°37	10° 8	2°34	4° 2	10°49	n.a.	T 4
F 5	22 8 58	0♍14'44	26°39	14°23	14°52	9°29	17° 9	24°12	10° 7	9°37	10°10	2°36	3°58	10°56	n.a.	F 5
S 6	22 12 55	1°14'24	9♏21	14°36	16° 7	10° 8	17°22	24°19	10°10	9°36	10°12	2°37	3°55	11° 2	n.a.	S 6
S 7	22 16 51	2°14'05	22°21	14°58	17°22	10°47	17°35	24°26	10°13	9°36	10°15	2°39	3°52	11° 9	n.a.	S 7
M 8	22 20 48	3°13'48	5♐43	15°31	18°37	11°25	17°48	24°32	10°15	9°36	10°17	2°R39	3°49	11°16	n.a.	M 8
T 9	22 24 45	4°13'33	19°29	16°13	19°52	12° 4	18° 1	24°38	10°18	9°35	10°20	2°38	3°46	11°22	n.a.	T 9
W10	22 28 41	5°13'19	3♑41	17° 3	21° 7	12°43	18°14	24°45	10°20	9°35	10°22	2°36	3°43	11°29	n.a.	W10
T 11	22 32 38	6°13'08	18°15	18° 0	22°23	13°22	18°27	24°51	10°23	9°34	10°24	2°33	3°39	11°36	n.a.	T 11
F 12	22 36 34	7°12'58	3♒ 8	19° 5	23°38	14° 1	18°40	24°57	10°25	9°33	10°27	2°29	3°36	11°43	n.a.	F 12
S 13	22 40 31	8°12'51	18°14	20°15	24°53	14°39	18°53	25° 3	10°28	9°33	10°29	2°26	3°33	11°49	n.a.	S 13
S 14	22 44 27	9°12'45	3♓22	21°30	26° 8	15°18	19° 6	25°10	10°30	9°32	10°32	2°23	3°30	11°56	n.a.	S 14
M15	22 48 24	10°12'41	18°23	22°50	27°23	15°57	19°19	25°16	10°32	9°32	10°34	2°21	3°27	12° 3	n.a.	M15
T 16	22 52 20	11°12'39	3♈ 9	24°14	28°39	16°36	19°32	25°22	10°35	9°31	10°37	2°D21	3°23	12° 9	n.a.	T 16
W17	22 56 17	12°12'40	17°32	25°41	29°54	17°15	19°45	25°28	10°37	9°30	10°39	2°21	3°20	12°16	n.a.	W17
T 18	23 0 14	13°12'42	1♉30	27°10	1♍ 9	17°54	19°59	25°33	10°39	9°29	10°41	2°23	3°17	12°23	n.a.	T 18
F 19	23 4 10	14°12'47	15° 0	28°42	2°25	18°33	20°12	25°39	10°41	9°29	10°44	2°24	3°14	12°29	n.a.	F 19
S 20	23 8 7	15°12'55	28° 5	0♍16	3°40	19°12	20°25	25°45	10°43	9°28	10°46	2°25	3°11	12°36	n.a.	S 20
S 21	23 12 3	16°13'04	10♊47	1°51	4°56	19°50	20°38	25°51	10°45	9°27	10°49	2°R26	3° 8	12°43	n.a.	S 21
M22	23 16 0	17°13'16	23°10	3°27	6°11	20°29	20°52	25°56	10°47	9°26	10°51	2°26	3° 4	12°49	n.a.	M22
T 23	23 19 56	18°13'30	5♋18	5° 4	7°26	21° 8	21° 5	26° 2	10°49	9°25	10°53	2°25	3° 1	12°56	n.a.	T 23
W24	23 23 53	19°13'47	17°16	6°42	8°42	21°47	21°18	26° 7	10°51	9°24	10°56	2°24	2°58	13° 3	n.a.	W24
T 25	23 27 49	20°14'05	29° 8	8°20	9°57	22°26	21°31	26°13	10°53	9°23	10°58	2°22	2°55	13°10	n.a.	T 25
F 26	23 31 46	21°14'25	10♌58	9°58	11°13	23° 5	21°45	26°18	10°55	9°22	11° 1	2°20	2°52	13°16	n.a.	F 26
S 27	23 35 42	22°14'48	22°49	11°37	12°28	23°44	21°58	26°24	10°57	9°21	11° 3	2°19	2°49	13°23	n.a.	S 27
S 28	23 39 39	23°15'12	4♍44	13°16	13°44	24°23	22°11	26°29	10°58	9°20	11° 5	2°17	2°45	13°30	n.a.	S 28
M29	23 43 36	24°15'39	16°45	14°54	14°59	25° 3	22°24	26°34	11° 0	9°19	11° 8	2°17	2°42	13°36	n.a.	M29
T 30	23 47 32	25♍16'07	28♍54	16♍33	16♍15	25♌42	22♍38	26♋39	11♋ 2	9♉18	11♍10	2°D16	2♈39	13♌43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n58	10n45	2n10	15n35	0s58	19n18	1n17	20n 2	1n13	6n38	1n14	22n43	1n 1	23n57	0n29	13n15	1s47	23n17	16n43	1n 3	1n41	21n54		n.a.
T 2	12 38	5 7	1 9	16 3	0 38	18 58	1 18	19 52	1 13	6 33	1 14	22 42	1 1	23 57	0 29	13 15	1 47	23 16	16 43	1 2	1 40	21 51		n.a.
W 3	12 17	0s45	0 3	16 27	0 19	18 38	1 19	19 42	1 13	6 28	1 14	22 41	1 1	23 57	0 29	13 15	1 47	23 15	16 43	1 2	1 39	21 49		n.a.
T 4	11 56	6 40	1s 3	16 47	0 1	18 17	1 20	19 32	1 13	6 23	1 14	22 40	1 2	23 56	0 29	13 15	1 47	23 14	16 42	1 2	1 38	21 46		n.a.
F 5	11 34	12 26	2 8	17 3	0n17	17 56	1 21	19 21	1 13	6 18	1 14	22 39	1 2	23 56	0 29	13 15	1 47	23 13	16 42	1 3	1 36	21 44		n.a.
S 6	11 13	17 49	3 8	17 15	0 33	17 34	1 22	19 11	1 13	6 12	1 14	22 38	1 2	23 56	0 29	13 15	1 47	23 12	16 42	1 4	1 35	21 42		n.a.
S 7	10 51	22 31	4 0	17 22	0 47	17 12	1 23	19 0	1 13	6 7	1 14	22 37	1 2	23 56	0 29	13 15	1 47	23 11	16 42	1 4	1 34	21 39		n.a.
M 8	10 29	26 12	4 40	17 25	1 1	16 49	1 23	18 49	1 13	6 2	1 14	22 36	1 2	23 56	0 29	13 14	1 47	23 10	16 42	1 4	1 32	21 37		n.a.
T 9	10 7	28 30	5 6	17 24	1 13	16 26	1 24	18 38	1 13	5 57	1 14	22 35	1 2	23 56	0 29	13 14	1 47	23 9	16 42	1 4	1 31	21 34		n.a.
W10	9 45	29 1	5 14	17 18	1 23	16 2	1 25	18 27	1 14	5 52	1 14	22 34	1 2	23 55	0 30	13 14	1 47	23 8	16 42	1 3	1 30	21 32		n.a.
T 11	9 23	27 34	5 2	17 9	1 32	15 38	1 25	18 16	1 14	5 46	1 14	22 33	1 3	23 55	0 30	13 14	1 47	23 7	16 42	1 2	1 29	21 29		n.a.
F 12	9 0	24 9	4 30	16 56	1 40	15 13	1 26	18 5	1 14	5 41	1 14	22 32	1 3	23 55	0 30	13 13	1 47	23 6	16 42	1 0	1 27	21 27		n.a.
S 13	8 38	19 5	3 39	16 39	1 46	14 48	1 26	17 53	1 14	5 36	1 14	22 31	1 3	23 55	0 30	13 13	1 47	23 5	16 42	0 59	1 26	21 24		n.a.
S 14	8 15	12 49	2 33	16 20	1 52	14 22	1 26	17 41	1 14	5 30	1 13	22 30	1 3	23 55	0 30	13 13	1 47	23 4	16 42	0 58	1 25	21 22		n.a.
M15	7 52	5 50	1 16	15 57	1 56	13 56	1 27	17 30	1 14	5 25	1 13	22 29	1 3	23 55	0 30	13 13	1 47	23 3	16 42	0 57	1 24	21 20		n.a.
T 16	7 29	1n20	0n 4	15 32	1 59	13 30	1 27	17 18	1 14	5 20	1 13	22 28	1 3	23 54	0 30	13 12	1 48	23 2	16 42	0 57	1 22	21 17		n.a.
W17	7 6	8 16	1 23	15 4	2 1	13 3	1 27	17 6	1 14	5 15	1 13	22 27	1 3	23 54	0 30	13 12	1 48	23 1	16 42	0 57	1 21	21 15		n.a.
T 18	6 42	14 36	2 34	14 34	2 2	12 36	1 27	16 54	1 14	5 9	1 13	22 26	1 4	23 54	0 30	13 12	1 48	23 0	16 42	0 58	1 20	21 12		n.a.
F 19	6 19	20 1	3 34	14 2	2 2	12 9	1 27	16 42	1 14	5 4	1 13	22 25	1 4	23 54	0 30	13 12	1 48	22 59	16 42	0 58	1 18	21 10		n.a.
S 20	5 55	24 18	4 21	13 28	2 2	11 41	1 27	16 29	1 14	4 59	1 13	22 24	1 4	23 54	0 30	13 11	1 48	22 59	16 42	0 59	1 17	21 7		n.a.
S 21	5 32	27 17	4 54	12 52	2 1	11 13	1 27	16 17	1 14	4 53	1 13	22 23	1 4	23 54	0 30	13 11	1 48	22 58	16 42	0 59	1 16	21 5		n.a.
M22	5 8	28 51	5 12	12 15	1 59	10 44	1 27	16 4	1 14	4 48	1 13	22 22	1 4	23 54	0 30	13 11	1 48	22 57	16 42	0 59	1 15	21 2		n.a.
T 23	4 44	29 0	5 16	11 37	1 57	10 16	1 27	15 52	1 14	4 43	1 13	22 21	1 4	23 53	0 30	13 10	1 48	22 56	16 42	0 59	1 13	21 0		n.a.
W24	4 20	27 45	5 6	10 58	1 54	9 47	1 26	15 39	1 14	4 37	1 13	22 20	1 5	23 53	0 30	13 10	1 48	22 55	16 42	0 58	1 12	20 57		n.a.
T 25	3 56	25 17	4 42	10 18	1 51	9 17	1 26	15 26	1 14	4 32	1 13	22 19	1 5	23 53	0 30	13 10	1 48	22 54	16 42	0 57	1 11	20 55		n.a.
F 26	3 32	21 44	4 7	9 36	1 47	8 48	1 26	15 13	1 14	4 27	1 13	22 19	1 5	23 53	0 30	13 9	1 48	22 53	16 42	0 57	1 9	20 52		n.a.
S 27	3 8	17 19	3 22	8 55	1 43	8 18	1 25	15 0	1 14	4 21	1 13	22 18	1 5	23 53	0 30	13 9	1 48	22 52	16 42	0 56	1 8	20 50		n.a.
S 28	2 43	12 13	2 27	8 12	1 39	7 48	1 25	14 47	1 14	4 16	1 13	22 17	1 5	23 53	0 30	13 9	1 48	22 52	16 43	0 56	1 7	20 47		n.a.
M29	2 19	6 37	1 25	7 29	1 34	7 18	1 24	14 33	1 14	4 11	1 13	22 16	1 5	23 53	0 30	13 8	1 48	22 51	16 43	0 55	1 6	20 44		n.a.
T 30	1n55	0n44	0n19	6n45	1n29	6n47	1n23	14n20	1n14	4n 5	1n13	22n15	1n 6	23n53	0n30	13n 8	1s48	22n50	16n43	0n55	1n 4	20n42		n.a.

Julian Day Number = 1270947.5, Delta T = 08h17m13s
Ecliptic obliquity = 23°50'37, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'52, Lahiri = -20°58'52 Julian Calendar 1 Sept. 1234 BCE == Greg. Calendar 21 Aug. 1234 BCE

The year -1233 astronomical counting style corresponds to year 1234 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1234 BCE
geocentric

OCTOBER 1234 BCE (-1233) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 51 29	26♍16'37	11♎13	18♍12	17♍30	26♌21	22♍51	26♋44	11♋ 3	9°R17	11♍13	2♈16	2♈36	13♌50	n.a.	W 1
T 2	23 55 25	27°17'09	23°43	19°50	18°46	27° 0	23° 4	26°49	11° 5	9♉16	11°15	2°17	2°33	13°56	n.a.	T 2
F 3	23 59 22	28°17'42	6♏25	21°28	20° 2	27°39	23°17	26°54	11° 6	9°14	11°17	2°17	2°29	14° 3	n.a.	F 3
S 4	0 3 18	29°18'17	19°21	23° 6	21°17	28°18	23°31	26°58	11° 8	9°13	11°20	2°18	2°26	14°10	n.a.	S 4
S 5	0 7 15	0♎18'53	2♐31	24°44	22°33	28°57	23°44	27° 3	11° 9	9°12	11°22	2°18	2°23	14°16	n.a.	S 5
M 6	0 11 11	1°19'31	15°57	26°21	23°48	29°36	23°57	27° 8	11°10	9°11	11°24	2°18	2°20	14°23	n.a.	M 6
T 7	0 15 8	2°20'11	29°40	27°58	25° 4	0♍16	24°10	27°12	11°12	9° 9	11°27	2°18	2°17	14°30	n.a.	T 7
W 8	0 19 5	3°20'51	13♑40	29°35	26°20	0°55	24°24	27°17	11°13	9° 8	11°29	2°18	2°14	14°36	n.a.	W 8
T 9	0 23 1	4°21'33	27°56	1♏11	27°35	1°34	24°37	27°21	11°14	9° 7	11°31	2°18	2°10	14°43	n.a.	T 9
F 10	0 26 58	5°22'16	12♒26	2°48	28°51	2°13	24°50	27°25	11°15	9° 5	11°33	2°18	2° 7	14°50	n.a.	F 10
S 11	0 30 54	6°23'01	27° 6	4°24	0♏ 7	2°52	25° 3	27°30	11°16	9° 4	11°36	2°19	2° 4	14°57	n.a.	S 11
S 12	0 34 51	7°23'46	11♓49	5°59	1°22	3°32	25°16	27°34	11°17	9° 3	11°38	2°19	2° 1	15° 3	n.a.	S 12
M13	0 38 47	8°24'33	26°31	7°35	2°38	4°11	25°29	27°38	11°18	9° 1	11°40	2°R19	1°58	15°10	n.a.	M13
T 14	0 42 44	9°25'21	11♈ 4	9°10	3°53	4°50	25°43	27°42	11°19	9° 0	11°42	2°19	1°55	15°17	n.a.	T 14
W15	0 46 40	10°26'11	25°21	10°45	5° 9	5°29	25°56	27°45	11°20	8°58	11°45	2°19	1°51	15°23	n.a.	W15
T 16	0 50 37	11°27'02	9♉18	12°20	6°25	6° 9	26° 9	27°49	11°21	8°57	11°47	2°18	1°48	15°30	n.a.	T 16
F 17	0 54 34	12°27'55	22°52	13°55	7°40	6°48	26°22	27°53	11°21	8°56	11°49	2°17	1°45	15°37	n.a.	F 17
S 18	0 58 30	13°28'49	6♊ 2	15°29	8°56	7°27	26°35	27°56	11°22	8°54	11°51	2°15	1°42	15°43	n.a.	S 18
S 19	1 2 27	14°29'45	18°50	17° 4	10°12	8° 7	26°48	28° 0	11°23	8°53	11°53	2°14	1°39	15°50	n.a.	S 19
M20	1 6 23	15°30'42	1♋17	18°38	11°27	8°46	27° 1	28° 3	11°23	8°51	11°55	2°13	1°35	15°57	n.a.	M20
T 21	1 10 20	16°31'41	13°28	20°12	12°43	9°25	27°14	28° 6	11°24	8°49	11°57	2°D12	1°32	16° 3	n.a.	T 21
W22	1 14 16	17°32'42	25°27	21°46	13°59	10° 5	27°26	28°10	11°24	8°48	11°59	2°12	1°29	16°10	n.a.	W22
T 23	1 18 13	18°33'43	7♌19	23°20	15°14	10°44	27°39	28°13	11°24	8°46	12° 1	2°13	1°26	16°17	n.a.	T 23
F 24	1 22 9	19°34'46	19° 8	24°54	16°30	11°24	27°52	28°16	11°25	8°45	12° 4	2°14	1°23	16°23	n.a.	F 24
S 25	1 26 6	20°35'51	1♍ 0	26°28	17°46	12° 3	28° 5	28°19	11°25	8°43	12° 6	2°16	1°20	16°30	n.a.	S 25
S 26	1 30 3	21°36'56	12°59	28° 1	19° 1	12°43	28°18	28°21	11°25	8°42	12° 8	2°18	1°16	16°37	n.a.	S 26
M27	1 33 59	22°38'03	25° 7	29°35	20°17	13°22	28°30	28°24	11°25	8°40	12°10	2°19	1°13	16°44	n.a.	M27
T 28	1 37 56	23°39'11	7♎28	1♏ 9	21°32	14° 2	28°43	28°27	11°25	8°38	12°11	2°R19	1°10	16°50	n.a.	T 28
W29	1 41 52	24°40'19	20° 3	2°43	22°48	14°41	28°56	28°29	11°R25	8°37	12°13	2°18	1° 7	16°57	n.a.	W29
T 30	1 45 49	25°41'29	2♏54	4°16	24° 4	15°21	29° 8	28°31	11°25	8°35	12°15	2°15	1° 4	17° 4	n.a.	T 30
F 31	1 49 45	26♎42'40	15♏59	5♏50	25♎19	16♍ 0	29♍21	28♋34	11♋25	8♉33	12♍17	2♈12	1♈ 0	17♌10	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	1n30	5s16	0s49	6n 1	1n24	6n17	1n22	14n 6	1n14	4n 0	1n13	22n14	1n 6	23n53	0n30	13n 7	1s48	22n49	16n43	0n55	1n 3	20n39			n.a.
T 2	1 6	11 9	1 56	5 17	1 18	5 46	1 22	13 53	1 14	3 55	1 13	22 14	1 6	23 52	0 30	13 7	1 48	22 48	16 43	0 55	1 2	20 37			n.a.
F 3	0 41	16 41	2 58	4 33	1 13	5 15	1 21	13 39	1 14	3 49	1 13	22 13	1 6	23 52	0 30	13 7	1 48	22 47	16 43	0 55	1 0	20 34			n.a.
S 4	0 17	21 35	3 53	3 48	1 7	4 44	1 20	13 25	1 14	3 44	1 13	22 12	1 6	23 52	0 30	13 6	1 48	22 47	16 43	0 56	0 59	20 32			n.a.
S 5	0s 8	25 31	4 36	3 3	1 1	4 13	1 19	13 11	1 14	3 39	1 13	22 11	1 7	23 52	0 30	13 6	1 48	22 46	16 44	0 56	0 58	20 29			n.a.
M 6	0 32	28 8	5 5	2 19	0 55	3 41	1 18	12 57	1 14	3 33	1 13	22 11	1 7	23 52	0 30	13 5	1 48	22 45	16 44	0 56	0 57	20 27			n.a.
T 7	0 57	29 8	5 17	1 34	0 49	3 10	1 17	12 43	1 14	3 28	1 13	22 10	1 7	23 52	0 30	13 5	1 48	22 44	16 44	0 56	0 55	20 24			n.a.
W 8	1 21	28 17	5 11	0 49	0 42	2 38	1 16	12 29	1 14	3 23	1 13	22 9	1 7	23 52	0 30	13 4	1 48	22 44	16 44	0 56	0 54	20 21			n.a.
T 9	1 46	25 36	4 46	0 4	0 36	2 6	1 14	12 15	1 14	3 17	1 13	22 8	1 7	23 52	0 30	13 4	1 48	22 43	16 44	0 56	0 53	20 19			n.a.
F 10	2 10	21 14	4 3	0s41	0 30	1 35	1 13	12 0	1 14	3 12	1 13	22 8	1 7	23 52	0 31	13 3	1 48	22 42	16 45	0 56	0 51	20 16			n.a.
S 11	2 35	15 33	3 3	1 25	0 23	1 3	1 12	11 46	1 14	3 7	1 13	22 7	1 8	23 52	0 31	13 3	1 48	22 42	16 45	0 56	0 50	20 14			n.a.
S 12	2 59	8 57	1 51	2 10	0 17	0 31	1 10	11 32	1 14	3 1	1 13	22 6	1 8	23 52	0 31	13 3	1 48	22 41	16 45	0 56	0 49	20 11			n.a.
M13	3 23	1 54	0 32	2 54	0 10	0s 1	1 9	11 17	1 14	2 56	1 13	22 6	1 8	23 52	0 31	13 2	1 49	22 40	16 45	0 56	0 48	20 8			n.a.
T 14	3 48	5n11	0n48	3 38	0 4	0 33	1 7	11 2	1 14	2 51	1 13	22 5	1 8	23 52	0 31	13 2	1 49	22 40	16 46	0 56	0 46	20 6			n.a.
W15	4 12	11 53	2 4	4 22	0s 3	1 4	1 6	10 48	1 14	2 46	1 13	22 5	1 8	23 52	0 31	13 1	1 49	22 39	16 46	0 56	0 45	20 3			n.a.
T 16	4 36	17 51	3 11	5 6	0 9	1 36	1 4	10 33	1 14	2 40	1 13	22 4	1 9	23 52	0 31	13 1	1 49	22 38	16 46	0 56	0 44	20 1			n.a.
F 17	5 0	22 45	4 5	5 49	0 16	2 8	1 3	10 18	1 14	2 35	1 13	22 4	1 9	23 52	0 31	13 0	1 49	22 38	16 46	0 55	0 42	19 58			n.a.
S 18	5 24	26 20	4 44	6 32	0 22	2 40	1 1	10 3	1 13	2 30	1 13	22 3	1 9	23 52	0 31	13 0	1 49	22 37	16 47	0 55	0 41	19 55			n.a.
S 19	5 48	28 29	5 8	7 15	0 29	3 12	0 59	9 48	1 13	2 25	1 13	22 2	1 9	23 52	0 31	12 59	1 49	22 37	16 47	0 54	0 40	19 53			n.a.
M20	6 12	29 7	5 16	7 58	0 35	3 44	0 57	9 33	1 13	2 19	1 13	22 2	1 9	23 52	0 31	12 59	1 49	22 36	16 47	0 54	0 39	19 50			n.a.
T 21	6 36	28 18	5 10	8 40	0 41	4 15	0 56	9 18	1 13	2 14	1 13	22 2	1 10	23 52	0 31	12 58	1 49	22 35	16 48	0 53	0 37	19 47			n.a.
W22	7 0	26 10	4 51	9 21	0 47	4 47	0 54	9 3	1 13	2 9	1 13	22 1	1 10	23 52	0 31	12 58	1 49	22 35	16 48	0 53	0 36	19 45			n.a.
T 23	7 24	22 55	4 19	10 2	0 53	5 18	0 52	8 47	1 13	2 4	1 13	22 1	1 10	23 52	0 31	12 57	1 49	22 34	16 48	0 54	0 35	19 42			n.a.
F 24	7 47	18 45	3 36	10 43	0 59	5 49	0 50	8 32	1 13	1 59	1 13	22 0	1 10	23 52	0 31	12 56	1 49	22 34	16 49	0 54	0 33	19 39			n.a.
S 25	8 11	13 51	2 44	11 23	1 5	6 21	0 48	8 17	1 13	1 54	1 13	22 0	1 10	23 52	0 31	12 56	1 49	22 33	16 49	0 55	0 32	19 37			n.a.
S 26	8 34	8 24	1 45	12 3	1 11	6 52	0 46	8 1	1 13	1 48	1 13	21 59	1 11	23 52	0 31	12 55	1 49	22 33	16 49	0 56	0 31	19 34			n.a.
M27	8 57	2 35	0 40	12 42	1 16	7 23	0 44	7 46	1 13	1 43	1 13	21 59	1 11	23 52	0 31	12 55	1 49	22 32	16 50	0 56	0 30	19 31			n.a.
T 28	9 20	3s27	0s28	13 21	1 22	7 53	0 42	7 30	1 13	1 38	1 13	21 59	1 11	23 52	0 31	12 54	1 49	22 32	16 50	0 56	0 28	19 29			n.a.
W29	9 43	9 27	1 36	13 59	1 27	8 24	0 40	7 14	1 12	1 33	1 14	21 58	1 11	23 52	0 31	12 54	1 49	22 31	16 50	0 56	0 27	19 26			n.a.
T 30	10 6	15 11	2 40	14 36	1 32	8 54	0 38	6 59	1 12	1 28	1 14	21 58	1 11	23 52	0 31	12 53	1 49	22 31	16 51	0 55	0 26	19 23			n.a.
F 31	10s28	20s22	3s37	15s13	1s37	9s24	0n36	6n43	1n12	1n23	1n14	21n58	1n12	23n52	0n31	12n53	1s49	22n31	16n51	0n53	0n24	19n21			n.a.

Julian Day Number = 1270977.5, Delta T = 08h17m11s
Ecliptic obliquity = 23°50'38, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'48, Lahiri = -20°58'47 Julian Calendar 1 Oct. 1234 BCE == Greg. Calendar 20 Sept. 1234 BCE

The year -1233 astronomical counting style corresponds to year 1234 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1234 BCE
geocentric

NOVEMBER 1234 BCE (-1233) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 53 42	27♎43'51	29♏19	7♏23	26♎35	16♍40	29♍33	28♋36	11°R25	8°R32	12♍19	2°R 8	0♈57	17♌17	n.a.	S 1
S 2	1 57 38	28°45'03	12♐51	8°57	27°51	17°19	29°46	28°38	11♋25	8♉30	12°21	2♈ 4	0°54	17°24	n.a.	S 2
M 3	2 1 35	29°46'16	26°35	10°31	29° 6	17°59	29°58	28°40	11°25	8°28	12°23	2° 0	0°51	17°30	n.a.	M 3
T 4	2 5 32	0♏47'29	10♑28	12° 4	0♏22	18°38	0♎11	28°42	11°24	8°27	12°25	1°57	0°48	17°37	n.a.	T 4
W 5	2 9 28	1°48'43	24°28	13°37	1°38	19°18	0°23	28°43	11°24	8°25	12°26	1°55	0°45	17°44	n.a.	W 5
T 6	2 13 25	2°49'56	8♒35	15°11	2°53	19°58	0°35	28°45	11°24	8°23	12°28	1°D55	0°41	17°50	n.a.	T 6
F 7	2 17 21	3°51'10	22°47	16°44	4° 9	20°37	0°47	28°47	11°23	8°22	12°30	1°56	0°38	17°57	n.a.	F 7
S 8	2 21 18	4°52'25	7♓ 1	18°17	5°24	21°17	0°59	28°48	11°23	8°20	12°31	1°58	0°35	18° 4	n.a.	S 8
S 9	2 25 14	5°53'39	21°16	19°49	6°40	21°56	1°12	28°49	11°22	8°18	12°33	1°59	0°32	18°10	n.a.	S 9
M10	2 29 11	6°54'54	5♈28	21°22	7°55	22°36	1°24	28°50	11°21	8°16	12°35	2°R 0	0°29	18°17	n.a.	M10
T 11	2 33 8	7°56'09	19°35	22°54	9°11	23°16	1°36	28°52	11°21	8°15	12°36	1°58	0°26	18°24	n.a.	T 11
W12	2 37 4	8°57'24	3♉31	24°25	10°27	23°55	1°47	28°53	11°20	8°13	12°38	1°55	0°22	18°30	n.a.	W12
T 13	2 41 1	9°58'39	17°14	25°56	11°42	24°35	1°59	28°53	11°19	8°11	12°39	1°50	0°19	18°37	n.a.	T 13
F 14	2 44 57	10°59'55	0♊40	27°25	12°58	25°15	2°11	28°54	11°18	8°10	12°41	1°44	0°16	18°44	n.a.	F 14
S 15	2 48 54	12° 1'12	13°47	28°54	14°13	25°55	2°23	28°55	11°17	8° 8	12°42	1°36	0°13	18°50	n.a.	S 15
S 16	2 52 50	13° 2'29	26°34	0♐22	15°29	26°34	2°34	28°55	11°16	8° 6	12°44	1°29	0°10	18°57	n.a.	S 16
M17	2 56 47	14° 3'46	9♋ 3	1°48	16°44	27°14	2°46	28°56	11°15	8° 4	12°45	1°23	0° 6	19° 4	n.a.	M17
T 18	3 0 43	15° 5'04	21°16	3°13	18° 0	27°54	2°57	28°56	11°14	8° 3	12°47	1°18	0° 3	19°11	n.a.	T 18
W19	3 4 40	16° 6'21	3♌16	4°35	19°15	28°34	3° 9	28°56	11°13	8° 1	12°48	1°15	0° 0	19°17	n.a.	W19
T 20	3 8 37	17° 7'40	15° 8	5°55	20°31	29°13	3°20	28°R56	11°12	7°59	12°49	1°D13	29♓57	19°24	n.a.	T 20
F 21	3 12 33	18° 8'58	26°57	7°12	21°46	29°53	3°31	28°56	11°11	7°58	12°51	1°14	29°54	19°31	n.a.	F 21
S 22	3 16 30	19°10'17	8♍49	8°26	23° 2	0♎33	3°43	28°56	11°10	7°56	12°52	1°15	29°51	19°37	n.a.	S 22
S 23	3 20 26	20°11'36	20°48	9°36	24°17	1°13	3°54	28°56	11° 8	7°54	12°53	1°16	29°47	19°44	n.a.	S 23
M24	3 24 23	21°12'55	3♎ 0	10°41	25°32	1°53	4° 5	28°56	11° 7	7°53	12°54	1°R17	29°44	19°51	n.a.	M24
T 25	3 28 19	22°14'14	15°28	11°40	26°48	2°33	4°16	28°55	11° 6	7°51	12°56	1°16	29°41	19°57	n.a.	T 25
W26	3 32 16	23°15'33	28°16	12°34	28° 3	3°12	4°26	28°55	11° 4	7°49	12°57	1°12	29°38	20° 4	n.a.	W26
T 27	3 36 12	24°16'52	11♏25	13°20	29°19	3°52	4°37	28°54	11° 3	7°48	12°58	1° 6	29°35	20°11	n.a.	T 27
F 28	3 40 9	25°18'11	24°53	13°59	0♐34	4°32	4°48	28°53	11° 1	7°46	12°59	0°58	29°32	20°17	n.a.	F 28
S 29	3 44 6	26°19'29	8♐41	14°29	1°50	5°12	4°58	28°52	10°59	7°45	13° 0	0°49	29°28	20°24	n.a.	S 29
S 30	3 48 2	27♏20'47	22♐42	14♐49	3♐ 5	5♎52	5♎ 9	28♋51	10♋58	7♉43	13♍ 1	0♈39	29♓25	20♌31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s51	24s38	4s24	15s48	1s42	9s54	0n33	6n27	1n12	1n18	1n14	21n58	1n12	23n52	0n31	12n52	1s49	22n30	16n51	0n52	0n23	19n18		n.a.
S 2	11 13	27 37	4 56	16 23	1 46	10 24	0 31	6 12	1 12	1 13	1 14	21 57	1 12	23 52	0 31	12 52	1 49	22 30	16 52	0 50	0 22	19 15		n.a.
M 3	11 35	29 0	5 12	16 58	1 50	10 53	0 29	5 56	1 12	1 8	1 14	21 57	1 12	23 52	0 31	12 51	1 49	22 30	16 52	0 48	0 21	19 12		n.a.
T 4	11 57	28 34	5 10	17 31	1 54	11 22	0 27	5 40	1 12	1 3	1 14	21 57	1 13	23 52	0 31	12 51	1 49	22 29	16 53	0 47	0 19	19 10		n.a.
W 5	12 18	26 20	4 49	18 4	1 58	11 51	0 25	5 24	1 12	0 58	1 14	21 57	1 13	23 52	0 31	12 50	1 49	22 29	16 53	0 47	0 18	19 7		n.a.
T 6	12 40	22 27	4 11	18 35	2 1	12 20	0 22	5 8	1 11	0 54	1 14	21 57	1 13	23 52	0 32	12 49	1 49	22 29	16 54	0 47	0 17	19 4		n.a.
F 7	13 1	17 16	3 18	19 6	2 4	12 48	0 20	4 52	1 11	0 49	1 14	21 57	1 13	23 52	0 32	12 49	1 49	22 28	16 54	0 47	0 15	19 2		n.a.
S 8	13 22	11 7	2 12	19 35	2 7	13 16	0 18	4 36	1 11	0 44	1 14	21 57	1 13	23 52	0 32	12 48	1 49	22 28	16 54	0 48	0 14	18 59		n.a.
S 9	13 43	4 25	0 58	20 3	2 9	13 44	0 15	4 20	1 11	0 39	1 14	21 57	1 14	23 52	0 32	12 48	1 49	22 28	16 55	0 48	0 13	18 56		n.a.
M10	14 3	2n30	0n19	20 30	2 11	14 11	0 13	4 4	1 11	0 34	1 14	21 57	1 14	23 52	0 32	12 47	1 49	22 28	16 55	0 48	0 12	18 53		n.a.
T 11	14 23	9 14	1 34	20 56	2 12	14 38	0 11	3 48	1 11	0 29	1 14	21 56	1 14	23 53	0 32	12 47	1 49	22 27	16 56	0 48	0 10	18 51		n.a.
W12	14 43	15 27	2 43	21 20	2 13	15 4	0 8	3 32	1 10	0 25	1 15	21 56	1 14	23 53	0 32	12 46	1 49	22 27	16 56	0 47	0 9	18 48		n.a.
T 13	15 3	20 47	3 41	21 43	2 13	15 30	0 6	3 15	1 10	0 20	1 15	21 57	1 15	23 53	0 32	12 46	1 49	22 27	16 57	0 45	0 8	18 45		n.a.
F 14	15 23	24 57	4 25	22 5	2 13	15 56	0 4	2 59	1 10	0 15	1 15	21 57	1 15	23 53	0 32	12 45	1 49	22 27	16 57	0 42	0 6	18 42		n.a.
S 15	15 42	27 43	4 55	22 24	2 13	16 21	0 1	2 43	1 10	0 11	1 15	21 57	1 15	23 53	0 32	12 44	1 49	22 27	16 58	0 39	0 5	18 39		n.a.
S 16	16 1	28 56	5 8	22 42	2 11	16 46	0s 1	2 27	1 10	0 6	1 15	21 57	1 15	23 53	0 32	12 44	1 49	22 26	16 58	0 36	0 4	18 37		n.a.
M17	16 20	28 37	5 6	22 59	2 9	17 11	0 4	2 11	1 9	0 2	1 15	21 57	1 15	23 53	0 32	12 43	1 49	22 26	16 59	0 33	0 3	18 34		n.a.
T 18	16 38	26 55	4 51	23 13	2 7	17 34	0 6	1 54	1 9	0s 3	1 15	21 57	1 16	23 53	0 32	12 43	1 49	22 26	16 59	0 31	0 1	18 31		n.a.
W19	16 56	24 0	4 23	23 26	2 3	17 58	0 8	1 38	1 9	0 7	1 15	21 57	1 16	23 53	0 32	12 42	1 49	22 26	17 0	0 30	0 0	18 28		n.a.
T 20	17 14	20 7	3 43	23 36	1 59	18 21	0 11	1 22	1 9	0 12	1 15	21 57	1 16	23 54	0 32	12 42	1 49	22 26	17 0	0 30	0s 1	18 26		n.a.
F 21	17 31	15 28	2 55	23 45	1 53	18 43	0 13	1 6	1 9	0 16	1 15	21 58	1 16	23 54	0 32	12 41	1 49	22 26	17 1	0 30	0 3	18 23		n.a.
S 22	17 49	10 13	1 58	23 51	1 47	19 5	0 15	0 49	1 8	0 21	1 16	21 58	1 16	23 54	0 32	12 41	1 49	22 26	17 1	0 30	0 4	18 20		n.a.
S 23	18 5	4 34	0 56	23 55	1 40	19 27	0 18	0 33	1 8	0 25	1 16	21 58	1 17	23 54	0 32	12 40	1 49	22 26	17 2	0 31	0 5	18 17		n.a.
M24	18 22	1s21	0s 9	23 56	1 32	19 48	0 20	0 17	1 8	0 30	1 16	21 58	1 17	23 54	0 32	12 40	1 49	22 26	17 2	0 31	0 6	18 14		n.a.
T 25	18 38	7 21	1 16	23 55	1 22	20 8	0 22	0 0	1 8	0 34	1 16	21 59	1 17	23 54	0 32	12 39	1 49	22 26	17 3	0 31	0 8	18 12		n.a.
W26	18 54	13 12	2 20	23 52	1 12	20 28	0 25	0s16	1 7	0 38	1 16	21 59	1 17	23 55	0 32	12 39	1 49	22 26	17 3	0 29	0 9	18 9		n.a.
T 27	19 10	18 38	3 18	23 46	1 0	20 47	0 27	0 32	1 7	0 42	1 16	21 59	1 18	23 55	0 32	12 38	1 49	22 26	17 4	0 27	0 10	18 6		n.a.
F 28	19 25	23 18	4 7	23 38	0 47	21 5	0 29	0 49	1 7	0 46	1 16	22 0	1 18	23 55	0 32	12 38	1 49	22 26	17 4	0 24	0 12	18 3		n.a.
S 29	19 39	26 46	4 42	23 27	0 32	21 23	0 31	1 5	1 7	0 51	1 16	22 0	1 18	23 55	0 32	12 37	1 48	22 26	17 5	0 20	0 13	18 0		n.a.
S 30	19s54	28s39	5s 2	23s14	0s17	21s41	0s34	1s21	1n 6	0s55	1n16	22n 1	1n18	23n55	0n32	12n37	1s48	22n26	17n 5	0n16	0s14	17n57		n.a.

Julian Day Number = 1271008.5, Delta T = 08h17m10s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'44, Lahiri = -20°58'43 Julian Calendar 1 Nov. 1234 BCE == Greg. Calendar 21 Oct. 1234 BCE

The year -1233 astronomical counting style corresponds to year 1234 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1234 BCE
geocentric

DECEMBER 1234 BCE (-1233) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 51 59	28♏22'05	6♉53	14°R58	4♐20	6♎32	5♎19	28°R50	10°R56	7°R41	13♍ 2	0°R30	29♓22	20♌37	n.a.	M 1
T 2	3 55 55	29°23'22	21° 9	14♐56	5°36	7°12	5°30	28♋49	10♋54	7♉40	13° 3	0♈22	29°19	20°44	n.a.	T 2
W 3	3 59 52	0♐24'39	5♒24	14°43	6°51	7°52	5°40	28°48	10°53	7°38	13° 4	0°17	29°16	20°51	n.a.	W 3
T 4	4 3 48	1°25'54	19°37	14°18	8° 6	8°32	5°50	28°46	10°51	7°37	13° 5	0°14	29°12	20°57	n.a.	T 4
F 5	4 7 45	2°27'09	3♓44	13°41	9°22	9°12	6° 0	28°45	10°49	7°35	13° 6	0°D14	29° 9	21° 4	n.a.	F 5
S 6	4 11 42	3°28'23	17°44	12°53	10°37	9°52	6°10	28°43	10°47	7°34	13° 6	0°14	29° 6	21°11	n.a.	S 6
S 7	4 15 38	4°29'35	1♈38	11°55	11°52	10°32	6°20	28°42	10°45	7°32	13° 7	0°R15	29° 3	21°17	n.a.	S 7
M 8	4 19 35	5°30'47	15°25	10°49	13° 8	11°11	6°29	28°40	10°43	7°31	13° 8	0°14	29° 0	21°24	n.a.	M 8
T 9	4 23 31	6°31'58	29° 4	9°37	14°23	11°51	6°39	28°38	10°41	7°29	13° 9	0°10	28°57	21°31	n.a.	T 9
W10	4 27 28	7°33'08	12♉33	8°21	15°38	12°31	6°48	28°36	10°39	7°28	13° 9	0° 4	28°53	21°37	n.a.	W10
T 11	4 31 24	8°34'17	25°53	7° 2	16°53	13°11	6°58	28°34	10°37	7°26	13°10	29♓55	28°50	21°44	n.a.	T 11
F 12	4 35 21	9°35'25	9♊ 0	5°45	18° 9	13°51	7° 7	28°31	10°35	7°25	13°11	29°43	28°47	21°51	n.a.	F 12
S 13	4 39 18	10°36'33	21°53	4°31	19°24	14°31	7°16	28°29	10°33	7°24	13°11	29°30	28°44	21°57	n.a.	S 13
S 14	4 43 14	11°37'39	4♋32	3°21	20°39	15°12	7°25	28°27	10°31	7°22	13°12	29°17	28°41	22° 4	n.a.	S 14
M15	4 47 11	12°38'45	16°55	2°19	21°54	15°52	7°34	28°24	10°29	7°21	13°12	29° 5	28°38	22°11	n.a.	M15
T 16	4 51 7	13°39'50	29° 6	1°24	23° 9	16°32	7°43	28°22	10°26	7°20	13°13	28°55	28°34	22°17	n.a.	T 16
W17	4 55 4	14°40'54	11♌ 5	0°37	24°24	17°12	7°51	28°19	10°24	7°18	13°13	28°48	28°31	22°24	n.a.	W17
T 18	4 59 0	15°41'58	22°56	29♏59	25°40	17°52	8° 0	28°16	10°22	7°17	13°13	28°43	28°28	22°31	n.a.	T 18
F 19	5 2 57	16°43'00	4♍44	29°31	26°55	18°32	8° 8	28°13	10°19	7°16	13°14	28°41	28°25	22°38	n.a.	F 19
S 20	5 6 53	17°44'02	16°34	29°12	28°10	19°12	8°17	28°10	10°17	7°15	13°14	28°D40	28°22	22°44	n.a.	S 20
S 21	5 10 50	18°45'02	28°32	29° 1	29°25	19°52	8°25	28° 7	10°15	7°13	13°14	28°R40	28°18	22°51	n.a.	S 21
M22	5 14 47	19°46'02	10♎43	28°D58	0♉40	20°32	8°33	28° 4	10°12	7°12	13°14	28°40	28°15	22°58	n.a.	M22
T 23	5 18 43	20°47'01	23°12	29° 3	1°55	21°12	8°41	28° 1	10°10	7°11	13°15	28°38	28°12	23° 4	n.a.	T 23
W24	5 22 40	21°47'58	6♏ 4	29°16	3°10	21°52	8°48	27°57	10° 7	7°10	13°15	28°33	28° 9	23°11	n.a.	W24
T 25	5 26 36	22°48'55	19°21	29°35	4°25	22°32	8°56	27°54	10° 5	7° 9	13°15	28°26	28° 6	23°18	n.a.	T 25
F 26	5 30 33	23°49'51	3♐ 4	29°59	5°40	23°13	9° 4	27°51	10° 3	7° 8	13°15	28°16	28° 3	23°24	n.a.	F 26
S 27	5 34 29	24°50'46	17°11	0♐30	6°55	23°53	9°11	27°47	10° 0	7° 7	13°15	28° 4	27°59	23°31	n.a.	S 27
S 28	5 38 26	25°51'39	1♑38	1° 6	8°10	24°33	9°18	27°43	9°58	7° 6	13°R15	27°51	27°56	23°38	n.a.	S 28
M29	5 42 23	26°52'31	16°17	1°46	9°25	25°13	9°25	27°40	9°55	7° 5	13°15	27°39	27°53	23°44	n.a.	M29
T 30	5 46 19	27°53'21	1♒ 1	2°31	10°40	25°53	9°32	27°36	9°52	7° 4	13°15	27°29	27°50	23°51	n.a.	T 30
W31	5 50 16	28♐54'09	15♒41	3♐20	11♑55	26♎33	9♎39	27♋32	9♋50	7♉ 3	13♍15	27♓22	27♓47	23♌58	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	20s 8	28s42	5s 3	22s59	0n 0	21s57	0s36	1s38	1n 6	0s59	1n17	22n 1	1n18	23n55	0n32	12n36	1s48	22n26	17n 6	0n12	0s15	17n55			n.a.
T 2	20 22	26 50	4 45	22 41	0 18	22 13	0 38	1 54	1 6	1 3	1 17	22 1	1 19	23 56	0 32	12 36	1 48	22 26	17 7	0 9	0 17	17 52			n.a.
W 3	20 35	23 16	4 10	22 21	0 36	22 29	0 40	2 10	1 5	1 7	1 17	22 2	1 19	23 56	0 32	12 35	1 48	22 27	17 7	0 7	0 18	17 49			n.a.
T 4	20 48	18 19	3 19	21 59	0 56	22 43	0 42	2 27	1 5	1 11	1 17	22 2	1 19	23 56	0 32	12 35	1 48	22 27	17 8	0 6	0 19	17 46			n.a.
F 5	21 0	12 25	2 16	21 35	1 15	22 58	0 44	2 43	1 5	1 15	1 17	22 3	1 19	23 56	0 32	12 34	1 48	22 27	17 8	0 6	0 20	17 43			n.a.
S 6	21 12	5 56	1 6	21 9	1 35	23 11	0 46	2 59	1 4	1 18	1 17	22 4	1 20	23 56	0 33	12 34	1 48	22 27	17 9	0 6	0 22	17 40			n.a.
S 7	21 24	0n46	0n 7	20 43	1 54	23 24	0 48	3 15	1 4	1 22	1 17	22 4	1 20	23 56	0 33	12 33	1 48	22 27	17 9	0 6	0 23	17 37			n.a.
M 8	21 35	7 24	1 20	20 16	2 13	23 36	0 50	3 31	1 4	1 26	1 18	22 5	1 20	23 57	0 33	12 33	1 48	22 28	17 10	0 5	0 24	17 35			n.a.
T 9	21 46	13 36	2 27	19 48	2 30	23 47	0 52	3 48	1 3	1 30	1 18	22 5	1 20	23 57	0 33	12 32	1 48	22 28	17 11	0 4	0 26	17 32			n.a.
W10	21 56	19 7	3 25	19 21	2 45	23 57	0 54	4 4	1 3	1 33	1 18	22 6	1 20	23 57	0 33	12 32	1 48	22 28	17 11	0 2	0 27	17 29			n.a.
T 11	22 6	23 36	4 10	18 55	2 58	24 7	0 56	4 20	1 3	1 37	1 18	22 7	1 21	23 57	0 33	12 32	1 48	22 28	17 12	0s 2	0 28	17 26			n.a.
F 12	22 16	26 49	4 42	18 31	3 9	24 16	0 58	4 36	1 2	1 41	1 18	22 7	1 21	23 57	0 33	12 31	1 48	22 29	17 12	0 7	0 29	17 23			n.a.
S 13	22 25	28 33	4 59	18 10	3 18	24 24	1 0	4 52	1 2	1 44	1 18	22 8	1 21	23 58	0 33	12 31	1 48	22 29	17 13	0 12	0 31	17 20			n.a.
S 14	22 34	28 46	5 0	17 50	3 24	24 32	1 2	5 8	1 2	1 48	1 18	22 9	1 21	23 58	0 33	12 30	1 48	22 29	17 13	0 17	0 32	17 17			n.a.
M15	22 42	27 30	4 47	17 35	3 28	24 39	1 3	5 24	1 1	1 51	1 19	22 9	1 21	23 58	0 33	12 30	1 48	22 30	17 14	0 22	0 33	17 14			n.a.
T 16	22 49	24 56	4 21	17 22	3 30	24 45	1 5	5 40	1 1	1 54	1 19	22 10	1 22	23 58	0 33	12 30	1 48	22 30	17 15	0 26	0 35	17 11			n.a.
W17	22 57	21 19	3 44	17 13	3 29	24 50	1 7	5 56	1 0	1 58	1 19	22 11	1 22	23 58	0 33	12 29	1 48	22 30	17 15	0 29	0 36	17 9			n.a.
T 18	23 4	16 53	2 57	17 7	3 27	24 55	1 8	6 12	1 0	2 1	1 19	22 12	1 22	23 59	0 33	12 29	1 48	22 31	17 16	0 31	0 37	17 6			n.a.
F 19	23 10	11 50	2 3	17 5	3 23	24 58	1 10	6 28	1 0	2 4	1 19	22 12	1 22	23 59	0 33	12 28	1 48	22 31	17 16	0 32	0 38	17 3			n.a.
S 20	23 16	6 22	1 4	17 5	3 18	25 1	1 11	6 44	0 59	2 7	1 19	22 13	1 22	23 59	0 33	12 28	1 48	22 31	17 17	0 32	0 40	17 0			n.a.
S 21	23 21	0 36	0 1	17 9	3 12	25 3	1 13	6 59	0 59	2 10	1 20	22 14	1 23	23 59	0 33	12 28	1 48	22 32	17 18	0 32	0 41	16 57			n.a.
M22	23 26	5s17	1s 3	17 16	3 5	25 5	1 14	7 15	0 58	2 13	1 20	22 15	1 23	23 59	0 33	12 27	1 48	22 32	17 18	0 32	0 42	16 54			n.a.
T 23	23 31	11 6	2 6	17 25	2 57	25 5	1 16	7 31	0 58	2 16	1 20	22 16	1 23	24 0	0 33	12 27	1 48	22 33	17 19	0 33	0 44	16 51			n.a.
W24	23 35	16 39	3 4	17 36	2 48	25 5	1 17	7 47	0 57	2 19	1 20	22 17	1 23	24 0	0 33	12 27	1 47	22 33	17 19	0 35	0 45	16 48			n.a.
T 25	23 39	21 36	3 54	17 49	2 39	25 4	1 18	8 2	0 57	2 22	1 20	22 17	1 23	24 0	0 33	12 26	1 47	22 34	17 20	0 38	0 46	16 45			n.a.
F 26	23 42	25 34	4 32	18 3	2 30	25 2	1 19	8 18	0 56	2 25	1 21	22 18	1 24	24 0	0 33	12 26	1 47	22 34	17 20	0 42	0 47	16 42			n.a.
S 27	23 44	28 6	4 55	18 19	2 20	25 0	1 20	8 33	0 56	2 28	1 21	22 19	1 24	24 0	0 33	12 26	1 47	22 35	17 21	0 47	0 49	16 39			n.a.
S 28	23 47	28 49	4 59	18 36	2 10	24 56	1 21	8 49	0 56	2 31	1 21	22 20	1 24	24 1	0 33	12 26	1 47	22 35	17 22	0 52	0 50	16 36			n.a.
M29	23 48	27 32	4 45	18 54	2 0	24 52	1 22	9 4	0 55	2 33	1 21	22 21	1 24	24 1	0 33	12 25	1 47	22 36	17 22	0 57	0 51	16 33			n.a.
T 30	23 50	24 21	4 11	19 13	1 50	24 48	1 23	9 19	0 54	2 36	1 21	22 22	1 24	24 1	0 33	12 25	1 47	22 36	17 23	1 1	0 53	16 30			n.a.
W31	23s50	19s35	3s21	19s32	1n40	24s42	1s24	9s34	0n54	2s38	1n21	22n23	1n24	24n 1	0n33	12n25	1s47	22n37	17n23	1s 4	0s54	16n28			n.a.

Julian Day Number = 1271038.5, Delta T = 08h17m08s
Ecliptic obliquity = 23°50'37, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'40, Lahiri = -20°58'39 Julian Calendar 1 Dec. 1234 BCE == Greg. Calendar 20 Nov. 1234 BCE

The year -1233 astronomical counting style corresponds to year 1234 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1233 BCE
geocentric

JANUARY 1233 BCE (-1232) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 54 12	29♐54'56	0♓12	4♐12	13♉10	27♎13	9♎45	27°R28	9°R47	7°R 2	13°R15	27°R18	27♓44	24♌ 4	n.a.	T 1
F 2	5 58 9	0♉55'41	14°30	5° 7	14°25	27°54	9°52	27♋24	9♋45	7♉ 1	13♍15	27♓16	27°40	24°11	n.a.	F 2
S 3	6 2 5	1°56'24	28°33	6° 5	15°40	28°34	9°58	27°20	9°42	7° 0	13°14	27°16	27°37	24°18	n.a.	S 3
S 4	6 6 2	2°57'05	12♈20	7° 6	16°55	29°14	10° 4	27°16	9°40	6°59	13°14	27°16	27°34	24°24	n.a.	S 4
M 5	6 9 58	3°57'44	25°53	8°10	18° 9	29°54	10°10	27°12	9°37	6°59	13°14	27°14	27°31	24°31	n.a.	M 5
T 6	6 13 55	4°58'21	9♉13	9°16	19°24	0♏34	10°16	27° 8	9°34	6°58	13°14	27°11	27°28	24°38	n.a.	T 6
W 7	6 17 52	5°58'57	22°21	10°24	20°39	1°14	10°22	27° 4	9°32	6°57	13°13	27° 4	27°24	24°44	n.a.	W 7
T 8	6 21 48	6°59'30	5♊17	11°34	21°54	1°54	10°27	26°59	9°29	6°57	13°13	26°54	27°21	24°51	n.a.	T 8
F 9	6 25 45	8° 0'02	18° 3	12°46	23° 9	2°35	10°33	26°55	9°26	6°56	13°12	26°42	27°18	24°58	n.a.	F 9
S 10	6 29 41	9° 0'32	0♋38	14° 0	24°23	3°15	10°38	26°51	9°24	6°55	13°12	26°29	27°15	25° 4	n.a.	S 10
S 11	6 33 38	10° 1'00	13° 2	15°15	25°38	3°55	10°43	26°46	9°21	6°55	13°12	26°15	27°12	25°11	n.a.	S 11
M12	6 37 34	11° 1'26	25°15	16°32	26°53	4°35	10°48	26°42	9°19	6°54	13°11	26° 2	27° 9	25°18	n.a.	M12
T 13	6 41 31	12° 1'51	7♌18	17°51	28° 7	5°15	10°53	26°37	9°16	6°54	13°11	25°51	27° 5	25°24	n.a.	T 13
W14	6 45 27	13° 2'14	19°13	19°11	29°22	5°55	10°57	26°33	9°13	6°53	13°10	25°43	27° 2	25°31	n.a.	W14
T 15	6 49 24	14° 2'35	1♍ 3	20°32	0♒36	6°36	11° 2	26°28	9°11	6°53	13° 9	25°37	26°59	25°38	n.a.	T 15
F 16	6 53 21	15° 2'54	12°50	21°55	1°51	7°16	11° 6	26°24	9° 8	6°52	13° 9	25°34	26°56	25°44	n.a.	F 16
S 17	6 57 17	16° 3'11	24°39	23°18	3° 6	7°56	11°10	26°19	9° 6	6°52	13° 8	25°D34	26°53	25°51	n.a.	S 17
S 18	7 1 14	17° 3'27	6♎35	24°44	4°20	8°36	11°14	26°14	9° 3	6°51	13° 7	25°34	26°50	25°58	n.a.	S 18
M19	7 5 10	18° 3'42	18°44	26°10	5°35	9°16	11°18	26°10	9° 0	6°51	13° 7	25°R34	26°46	26° 4	n.a.	M19
T 20	7 9 7	19° 3'54	1♏10	27°37	6°49	9°57	11°21	26° 5	8°58	6°51	13° 6	25°33	26°43	26°11	n.a.	T 20
W21	7 13 3	20° 4'05	13°59	29° 6	8° 3	10°37	11°24	26° 0	8°55	6°51	13° 5	25°31	26°40	26°18	n.a.	W21
T 22	7 17 0	21° 4'15	27°14	0♉36	9°18	11°17	11°28	25°56	8°53	6°50	13° 4	25°26	26°37	26°24	n.a.	T 22
F 23	7 20 56	22° 4'22	10♐59	2° 7	10°32	11°57	11°31	25°51	8°50	6°50	13° 3	25°18	26°34	26°31	n.a.	F 23
S 24	7 24 53	23° 4'28	25°12	3°39	11°47	12°37	11°33	25°46	8°48	6°50	13° 2	25° 9	26°30	26°38	n.a.	S 24
S 25	7 28 50	24° 4'32	9♉49	5°12	13° 1	13°17	11°36	25°41	8°45	6°50	13° 1	24°59	26°27	26°44	n.a.	S 25
M26	7 32 46	25° 4'34	24°45	6°46	14°15	13°57	11°39	25°37	8°43	6°50	13° 1	24°50	26°24	26°51	n.a.	M26
T 27	7 36 43	26° 4'34	9♒50	8°21	15°30	14°38	11°41	25°32	8°40	6°50	13° 0	24°42	26°21	26°58	n.a.	T 27
W28	7 40 39	27° 4'32	24°54	9°58	16°44	15°18	11°43	25°27	8°38	6°D50	12°59	24°36	26°18	27° 4	n.a.	W28
T 29	7 44 36	28° 4'27	9♓47	11°35	17°58	15°58	11°45	25°22	8°35	6°50	12°57	24°33	26°15	27°11	n.a.	T 29
F 30	7 48 32	29° 4'20	24°25	13°14	19°12	16°38	11°47	25°17	8°33	6°50	12°56	24°D32	26°11	27°18	n.a.	F 30
S 31	7 52 29	0♒ 4'11	8♈41	14♉54	20♒26	17♏18	11♎48	25♋13	8♋30	6♉50	12♍55	24♓33	26♓ 8	27♌24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s51	13 s44	2 s18	19 s52	1 n30	24 s35	1 s25	9 s50	0 n53	2 s41	1 n22	22 n24	1 n25	24 n 2	0 n33	12 n24	1 s47	22 n37	17 n24	1 s 6	0 s55	16 n25			n.a.
F 2	23 50	7 14	1 7	20 12	1 20	24 28	1 26	10 5	0 53	2 43	1 22	22 25	1 25	24 2	0 33	12 24	1 47	22 38	17 24	1 6	0 56	16 22			n.a.
S 3	23 50	0 29	0 n 7	20 32	1 10	24 20	1 27	10 20	0 52	2 46	1 22	22 26	1 25	24 2	0 33	12 24	1 47	22 39	17 25	1 6	0 58	16 19			n.a.
S 4	23 49	6 n10	1 19	20 53	1 0	24 12	1 27	10 35	0 52	2 48	1 22	22 27	1 25	24 2	0 33	12 24	1 47	22 39	17 26	1 6	0 59	16 16			n.a.
M 5	23 47	12 25	2 25	21 13	0 50	24 2	1 28	10 50	0 51	2 50	1 22	22 28	1 25	24 2	0 33	12 24	1 47	22 40	17 26	1 7	1 0	16 13			n.a.
T 6	23 45	17 59	3 22	21 32	0 41	23 52	1 28	11 4	0 51	2 52	1 23	22 29	1 25	24 3	0 33	12 23	1 47	22 40	17 27	1 8	1 2	16 10			n.a.
W 7	23 42	22 39	4 8	21 52	0 31	23 41	1 29	11 19	0 50	2 54	1 23	22 30	1 26	24 3	0 33	12 23	1 47	22 41	17 27	1 11	1 3	16 7			n.a.
T 8	23 39	26 7	4 39	22 11	0 22	23 30	1 29	11 34	0 49	2 56	1 23	22 31	1 26	24 3	0 33	12 23	1 47	22 42	17 28	1 15	1 4	16 4			n.a.
F 9	23 36	28 13	4 57	22 30	0 13	23 17	1 30	11 48	0 49	2 58	1 23	22 32	1 26	24 3	0 33	12 23	1 47	22 42	17 28	1 20	1 5	16 1			n.a.
S 10	23 32	28 50	4 59	22 48	0 4	23 4	1 30	12 3	0 48	3 0	1 23	22 33	1 26	24 3	0 33	12 23	1 47	22 43	17 29	1 25	1 7	15 58			n.a.
S 11	23 27	27 58	4 48	23 5	0 s 4	22 51	1 30	12 17	0 48	3 2	1 24	22 34	1 26	24 4	0 33	12 23	1 46	22 44	17 29	1 31	1 8	15 55			n.a.
M12	23 23	25 45	4 23	23 21	0 13	22 36	1 30	12 32	0 47	3 4	1 24	22 35	1 26	24 4	0 33	12 22	1 46	22 44	17 30	1 36	1 9	15 52			n.a.
T 13	23 17	22 24	3 46	23 37	0 21	22 21	1 30	12 46	0 46	3 5	1 24	22 36	1 26	24 4	0 33	12 22	1 46	22 45	17 30	1 41	1 11	15 49			n.a.
W14	23 12	18 9	3 0	23 52	0 29	22 6	1 30	13 0	0 46	3 7	1 24	22 37	1 27	24 4	0 33	12 22	1 46	22 46	17 31	1 44	1 12	15 46			n.a.
T 15	23 5	13 15	2 6	24 6	0 36	21 50	1 30	13 14	0 45	3 9	1 25	22 38	1 27	24 4	0 33	12 22	1 46	22 47	17 32	1 46	1 13	15 43			n.a.
F 16	22 59	7 53	1 7	24 19	0 44	21 33	1 30	13 28	0 44	3 10	1 25	22 39	1 27	24 5	0 33	12 22	1 46	22 47	17 32	1 47	1 14	15 40			n.a.
S 17	22 52	2 14	0 5	24 31	0 51	21 15	1 30	13 42	0 44	3 11	1 25	22 40	1 27	24 5	0 33	12 22	1 46	22 48	17 33	1 48	1 16	15 37			n.a.
S 18	22 44	3 s33	0 s58	24 42	0 58	20 57	1 30	13 56	0 43	3 13	1 25	22 41	1 27	24 5	0 33	12 22	1 46	22 49	17 33	1 47	1 17	15 34			n.a.
M19	22 36	9 18	2 0	24 51	1 4	20 38	1 29	14 10	0 42	3 14	1 25	22 42	1 27	24 5	0 33	12 22	1 46	22 50	17 34	1 47	1 18	15 31			n.a.
T 20	22 28	14 51	2 58	25 0	1 10	20 19	1 29	14 23	0 41	3 15	1 26	22 43	1 27	24 5	0 33	12 22	1 46	22 50	17 34	1 48	1 20	15 28			n.a.
W21	22 19	19 55	3 48	25 7	1 16	19 59	1 28	14 37	0 41	3 16	1 26	22 44	1 27	24 5	0 33	12 22	1 46	22 51	17 35	1 49	1 21	15 24			n.a.
T 22	22 10	24 13	4 28	25 13	1 22	19 38	1 28	14 50	0 40	3 17	1 26	22 45	1 27	24 6	0 33	12 22	1 46	22 52	17 35	1 51	1 22	15 21			n.a.
F 23	22 0	27 20	4 55	25 17	1 27	19 17	1 27	15 3	0 39	3 18	1 26	22 46	1 28	24 6	0 33	12 22	1 46	22 53	17 36	1 54	1 23	15 18			n.a.
S 24	21 50	28 49	5 4	25 20	1 33	18 56	1 26	15 17	0 38	3 19	1 26	22 47	1 28	24 6	0 33	12 22	1 46	22 53	17 36	1 57	1 25	15 15			n.a.
S 25	21 40	28 21	4 54	25 22	1 37	18 33	1 26	15 30	0 38	3 20	1 27	22 48	1 28	24 6	0 33	12 22	1 46	22 54	17 36	2 1	1 26	15 12			n.a.
M26	21 29	25 52	4 24	25 22	1 42	18 11	1 25	15 43	0 37	3 21	1 27	22 49	1 28	24 6	0 33	12 22	1 45	22 55	17 37	2 5	1 27	15 9			n.a.
T 27	21 17	21 32	3 35	25 20	1 46	17 48	1 24	15 56	0 36	3 22	1 27	22 50	1 28	24 6	0 33	12 22	1 45	22 56	17 37	2 8	1 29	15 6			n.a.
W28	21 6	15 49	2 32	25 17	1 49	17 24	1 23	16 8	0 35	3 22	1 27	22 51	1 28	24 7	0 33	12 22	1 45	22 57	17 38	2 11	1 30	15 3			n.a.
T 29	20 54	9 14	1 18	25 12	1 53	17 0	1 22	16 21	0 34	3 23	1 28	22 52	1 28	24 7	0 33	12 22	1 45	22 57	17 38	2 12	1 31	15 0			n.a.
F 30	20 41	2 16	0 1	25 5	1 56	16 36	1 21	16 33	0 33	3 23	1 28	22 53	1 28	24 7	0 33	12 22	1 45	22 58	17 39	2 12	1 32	14 57			n.a.
S 31	20 s29	4 n39	1 n15	24 s57	1 s58	16 s11	1 s20	16 s46	0 n33	3 s24	1 n28	22 n54	1 n28	24 n 7	0 n33	12 n22	1 s45	22 n59	17 n39	2 s12	1 s34	14 n54			n.a.

Julian Day Number = 1271069.5, Delta T = 08h17m06s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'35, Lahiri = -20°58'35 Julian Calendar 1 Jan. 1233 BCE == Greg. Calendar 21 Dec. 1234 BCE

The year -1232 astronomical counting style corresponds to year 1233 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1233 BCE
geocentric

FEBRUARY 1233 BCE (-1232) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 56 25	1♒ 3'59	22♈36	16♉35	21♒41	17♏58	11♎49	25°R 8	8°R28	6♉50	12°R54	24♓34	26♓ 5	27♌31	n.a.	S 1
M 2	8 0 22	2° 3'45	6♉ 9	18°17	22°55	18°38	11°51	25♋ 3	8♋26	6°50	12♍53	24°R34	26° 2	27°38	n.a.	M 2
T 3	8 4 19	3° 3'28	19°23	20° 0	24° 9	19°18	11°52	24°59	8°23	6°50	12°52	24°32	25°59	27°44	n.a.	T 3
W 4	8 8 15	4° 3'09	2♊20	21°45	25°23	19°58	11°52	24°54	8°21	6°50	12°51	24°29	25°56	27°51	n.a.	W 4
T 5	8 12 12	5° 2'48	15° 1	23°30	26°37	20°38	11°53	24°49	8°19	6°51	12°50	24°23	25°52	27°58	n.a.	T 5
F 6	8 16 8	6° 2'24	27°31	25°17	27°51	21°18	11°53	24°45	8°16	6°51	12°48	24°15	25°49	28° 4	n.a.	F 6
S 7	8 20 5	7° 1'58	9♋49	27° 5	29° 4	21°58	11°54	24°40	8°14	6°51	12°47	24° 7	25°46	28°11	n.a.	S 7
S 8	8 24 1	8° 1'30	21°59	28°55	0♓18	22°38	11°R54	24°36	8°12	6°52	12°46	23°58	25°43	28°18	n.a.	S 8
M 9	8 27 58	9° 1'00	4♌ 0	0♒45	1°32	23°18	11°53	24°31	8°10	6°52	12°44	23°49	25°40	28°24	n.a.	M 9
T 10	8 31 54	10° 0'27	15°56	2°37	2°46	23°58	11°53	24°26	8° 8	6°52	12°43	23°42	25°36	28°31	n.a.	T 10
W11	8 35 51	10°59'52	27°47	4°30	4° 0	24°38	11°53	24°22	8° 6	6°53	12°42	23°37	25°33	28°38	n.a.	W11
T 12	8 39 48	11°59'14	9♍35	6°24	5°13	25°18	11°52	24°18	8° 4	6°53	12°40	23°34	25°30	28°44	n.a.	T 12
F 13	8 43 44	12°58'35	21°23	8°20	6°27	25°58	11°51	24°13	8° 2	6°54	12°39	23°D33	25°27	28°51	n.a.	F 13
S 14	8 47 41	13°57'54	3♎14	10°16	7°41	26°38	11°50	24° 9	8° 0	6°54	12°38	23°33	25°24	28°58	n.a.	S 14
S 15	8 51 37	14°57'11	15°11	12°14	8°54	27°18	11°49	24° 5	7°58	6°55	12°36	23°34	25°21	29° 4	n.a.	S 15
M16	8 55 34	15°56'25	27°20	14°13	10° 8	27°58	11°47	24° 0	7°56	6°56	12°35	23°36	25°17	29°11	n.a.	M16
T 17	8 59 30	16°55'38	9♏45	16°13	11°21	28°38	11°45	23°56	7°54	6°56	12°33	23°37	25°14	29°18	n.a.	T 17
W18	9 3 27	17°54'49	22°31	18°14	12°35	29°18	11°44	23°52	7°52	6°57	12°32	23°R37	25°11	29°24	n.a.	W18
T 19	9 7 23	18°53'58	5♐40	20°16	13°48	29°57	11°42	23°48	7°50	6°58	12°30	23°36	25° 8	29°31	n.a.	T 19
F 20	9 11 20	19°53'06	19°18	22°18	15° 1	0♐37	11°39	23°44	7°49	6°58	12°29	23°33	25° 5	29°38	n.a.	F 20
S 21	9 15 16	20°52'11	3♑24	24°21	16°15	1°17	11°37	23°40	7°47	6°59	12°27	23°29	25° 2	29°44	n.a.	S 21
S 22	9 19 13	21°51'15	17°57	26°25	17°28	1°57	11°34	23°36	7°45	7° 0	12°26	23°25	24°58	29°51	n.a.	S 22
M23	9 23 10	22°50'16	2♒52	28°28	18°41	2°37	11°32	23°32	7°44	7° 1	12°24	23°20	24°55	29°58	n.a.	M23
T 24	9 27 6	23°49'15	18° 1	0♓32	19°55	3°16	11°29	23°28	7°42	7° 2	12°23	23°17	24°52	0♍ 4	n.a.	T 24
W25	9 31 3	24°48'13	3♓15	2°35	21° 8	3°56	11°26	23°25	7°40	7° 3	12°21	23°14	24°49	0°11	n.a.	W25
T 26	9 34 59	25°47'07	18°24	4°37	22°21	4°36	11°22	23°21	7°39	7° 4	12°19	23°D13	24°46	0°17	n.a.	T 26
F 27	9 38 56	26°46'00	3♈18	6°39	23°34	5°15	11°19	23°17	7°37	7° 4	12°18	23°13	24°42	0°24	n.a.	F 27
S 28	9 42 52	27°44'50	17°51	8°39	24°47	5°55	11°15	23°14	7°36	7° 5	12°16	23°14	24°39	0°31	n.a.	S 28
S 29	9 46 49	28♒43'38	2♉ 0	10♓38	26♓ 0	6♐34	11♎11	23♋10	7♋35	7♉ 7	12♍15	23♓16	24♓36	0♍37	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s16	11n10	2n25	24s47	2s 0	15s45	1s19	16s58	0n32	3s24	1n28	22n55	1n28	24n 7	0n33	12n22	1s45	23n 0	17n39	2s12	1s35	14n51		n.a.
M 2	20 2	17 0	3 24	24 35	2 2	15 19	1 17	17 10	0 31	3 24	1 28	22 56	1 28	24 7	0 33	12 22	1 45	23 1	17 40	2 12	1 36	14 48		n.a.
T 3	19 48	21 54	4 12	24 21	2 3	14 53	1 16	17 22	0 30	3 25	1 29	22 57	1 29	24 8	0 33	12 23	1 45	23 1	17 40	2 12	1 37	14 45		n.a.
W 4	19 34	25 37	4 45	24 6	2 4	14 27	1 15	17 34	0 29	3 25	1 29	22 58	1 29	24 8	0 33	12 23	1 45	23 2	17 41	2 14	1 39	14 42		n.a.
T 5	19 20	28 0	5 3	23 48	2 4	14 0	1 13	17 46	0 28	3 25	1 29	22 59	1 29	24 8	0 33	12 23	1 45	23 3	17 41	2 16	1 40	14 39		n.a.
F 6	19 5	28 56	5 7	23 28	2 4	13 32	1 12	17 57	0 27	3 25	1 29	23 0	1 29	24 8	0 33	12 23	1 45	23 4	17 41	2 19	1 41	14 35		n.a.
S 7	18 50	28 23	4 56	23 7	2 4	13 5	1 10	18 9	0 26	3 25	1 29	23 0	1 29	24 8	0 33	12 23	1 45	23 5	17 42	2 23	1 43	14 32		n.a.
S 8	18 34	26 29	4 32	22 43	2 3	12 37	1 8	18 20	0 25	3 24	1 30	23 1	1 29	24 8	0 33	12 23	1 45	23 6	17 42	2 26	1 44	14 29		n.a.
M 9	18 18	23 23	3 56	22 18	2 1	12 9	1 7	18 31	0 24	3 24	1 30	23 2	1 29	24 8	0 33	12 24	1 45	23 6	17 42	2 30	1 45	14 26		n.a.
T 10	18 2	19 20	3 9	21 50	1 59	11 40	1 5	18 42	0 23	3 24	1 30	23 3	1 29	24 8	0 33	12 24	1 44	23 7	17 43	2 32	1 46	14 23		n.a.
W11	17 46	14 33	2 15	21 21	1 57	11 11	1 3	18 53	0 22	3 23	1 30	23 4	1 29	24 9	0 33	12 24	1 44	23 8	17 43	2 35	1 48	14 20		n.a.
T 12	17 29	9 16	1 15	20 49	1 54	10 42	1 1	19 4	0 21	3 23	1 31	23 5	1 29	24 9	0 33	12 24	1 44	23 9	17 43	2 36	1 49	14 17		n.a.
F 13	17 12	3 39	0 12	20 15	1 50	10 13	0 59	19 15	0 20	3 22	1 31	23 6	1 29	24 9	0 33	12 24	1 44	23 10	17 44	2 36	1 50	14 14		n.a.
S 14	16 55	2s 6	0s52	19 39	1 46	9 43	0 57	19 25	0 19	3 22	1 31	23 6	1 29	24 9	0 33	12 25	1 44	23 11	17 44	2 36	1 52	14 11		n.a.
S 15	16 37	7 51	1 55	19 2	1 41	9 13	0 55	19 36	0 18	3 21	1 31	23 7	1 29	24 9	0 33	12 25	1 44	23 11	17 44	2 36	1 53	14 7		n.a.
M16	16 20	13 24	2 54	18 22	1 35	8 43	0 53	19 46	0 17	3 20	1 31	23 8	1 29	24 9	0 33	12 25	1 44	23 12	17 45	2 35	1 54	14 4		n.a.
T 17	16 2	18 32	3 46	17 40	1 30	8 12	0 51	19 56	0 16	3 19	1 32	23 9	1 29	24 9	0 33	12 25	1 44	23 13	17 45	2 34	1 55	14 1		n.a.
W18	15 43	23 1	4 28	16 56	1 23	7 42	0 49	20 6	0 15	3 19	1 32	23 9	1 29	24 9	0 33	12 26	1 44	23 14	17 45	2 34	1 57	13 58		n.a.
T 19	15 25	26 29	4 57	16 10	1 16	7 11	0 46	20 16	0 13	3 18	1 32	23 10	1 29	24 9	0 33	12 26	1 44	23 15	17 45	2 35	1 58	13 55		n.a.
F 20	15 6	28 35	5 11	15 23	1 8	6 40	0 44	20 26	0 12	3 17	1 32	23 11	1 29	24 10	0 33	12 26	1 44	23 16	17 46	2 36	1 59	13 52		n.a.
S 21	14 47	28 56	5 8	14 34	1 0	6 9	0 42	20 35	0 11	3 15	1 32	23 12	1 29	24 10	0 33	12 27	1 44	23 16	17 46	2 38	2 1	13 49		n.a.
S 22	14 28	27 19	4 44	13 43	0 51	5 38	0 39	20 44	0 10	3 14	1 32	23 12	1 29	24 10	0 33	12 27	1 44	23 17	17 46	2 39	2 2	13 46		n.a.
M23	14 8	23 46	4 1	12 51	0 42	5 7	0 37	20 54	0 9	3 13	1 33	23 13	1 29	24 10	0 33	12 27	1 44	23 18	17 46	2 41	2 3	13 42		n.a.
T 24	13 48	18 33	3 1	11 58	0 32	4 35	0 34	21 3	0 7	3 12	1 33	23 14	1 29	24 10	0 33	12 28	1 44	23 19	17 47	2 43	2 4	13 39		n.a.
W25	13 28	12 9	1 47	11 4	0 21	4 4	0 32	21 11	0 6	3 10	1 33	23 14	1 29	24 10	0 33	12 28	1 43	23 20	17 47	2 44	2 6	13 36		n.a.
T 26	13 8	5 4	0 26	10 9	0 11	3 32	0 29	21 20	0 5	3 9	1 33	23 15	1 29	24 10	0 33	12 28	1 43	23 21	17 47	2 44	2 7	13 33		n.a.
F 27	12 48	2n10	0n55	9 13	0n 0	3 0	0 27	21 29	0 4	3 7	1 33	23 16	1 29	24 10	0 33	12 29	1 43	23 21	17 47	2 44	2 8	13 30		n.a.
S 28	12 27	9 8	2 11	8 17	0 12	2 28	0 24	21 37	0 2	3 6	1 34	23 16	1 29	24 10	0 33	12 29	1 43	23 22	17 47	2 44	2 9	13 27		n.a.
S 29	12s 7	15n27	3n17	7s21	0n23	1s57	0s21	21s45	0n 1	3s 4	1n34	23n17	1n29	24n10	0n33	12n30	1s43	23n23	17n47	2s43	2s11	13n24		n.a.

Julian Day Number = 1271100.5, Delta T = 08h17m05s
Ecliptic obliquity = 23°50'37, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'31, Lahiri = -20°58'31 Julian Calendar 1 Feb. 1233 BCE == Greg. Calendar 21 Jan. 1233 BCE

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ASTRODIENST EPHEMERIS for the year 1233 BCE
geocentric

MARCH 1233 BCE (-1232) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 50 45	29♒42'24	15♉42	12♓34	27♓13	7♐14	11°R 7	23°R 7	7°R33	7♉ 8	12°R13	23♓17	24♓33	0♍44	n.a.	M 1
T 2	9 54 42	0♓41'07	29° 0	14°28	28°26	7°53	11♎ 3	23♋ 4	7♋32	7° 9	12♍11	23°R17	24°30	0°51	n.a.	T 2
W 3	9 58 38	1°39'48	11♊56	16°19	29°38	8°33	10°59	23° 1	7°31	7°10	12°10	23°17	24°27	0°57	n.a.	W 3
T 4	10 2 35	2°38'26	24°33	18° 8	0♈51	9°12	10°55	22°58	7°30	7°11	12° 8	23°16	24°23	1° 4	n.a.	T 4
F 5	10 6 32	3°37'02	6♋54	19°53	2° 4	9°51	10°50	22°54	7°29	7°12	12° 6	23°14	24°20	1°11	n.a.	F 5
S 6	10 10 28	4°35'36	19° 3	21°34	3°17	10°31	10°45	22°52	7°27	7°13	12° 5	23°11	24°17	1°17	n.a.	S 6
S 7	10 14 25	5°34'08	1♌ 2	23°11	4°29	11°10	10°40	22°49	7°26	7°15	12° 3	23° 8	24°14	1°24	n.a.	S 7
M 8	10 18 21	6°32'37	12°56	24°44	5°42	11°49	10°35	22°46	7°25	7°16	12° 1	23° 5	24°11	1°31	n.a.	M 8
T 9	10 22 18	7°31'04	24°46	26°12	6°54	12°28	10°30	22°43	7°25	7°17	12° 0	23° 3	24° 7	1°37	n.a.	T 9
W10	10 26 14	8°29'29	6♍34	27°36	8° 6	13° 7	10°25	22°41	7°24	7°18	11°58	23° 2	24° 4	1°44	n.a.	W10
T 11	10 30 11	9°27'52	18°23	28°55	9°19	13°46	10°19	22°38	7°23	7°20	11°56	23°D 1	24° 1	1°51	n.a.	T 11
F 12	10 34 7	10°26'13	0♎15	0♈ 9	10°31	14°25	10°14	22°36	7°22	7°21	11°55	23° 1	23°58	1°57	n.a.	F 12
S 13	10 38 4	11°24'32	12°12	1°18	11°43	15° 4	10° 8	22°33	7°21	7°23	11°53	23° 2	23°55	2° 4	n.a.	S 13
S 14	10 42 1	12°22'49	24°17	2°22	12°55	15°43	10° 2	22°31	7°21	7°24	11°51	23° 3	23°52	2°11	n.a.	S 14
M15	10 45 57	13°21'05	6♏33	3°20	14° 8	16°22	9°56	22°29	7°20	7°25	11°49	23° 4	23°48	2°17	n.a.	M15
T 16	10 49 54	14°19'18	19° 3	4°13	15°20	17° 1	9°50	22°27	7°19	7°27	11°48	23° 5	23°45	2°24	n.a.	T 16
W17	10 53 50	15°17'31	1♐50	5° 1	16°32	17°40	9°44	22°25	7°19	7°28	11°46	23° 5	23°42	2°31	n.a.	W17
T 18	10 57 47	16°15'41	14°57	5°43	17°44	18°19	9°37	22°23	7°18	7°30	11°44	23°R 5	23°39	2°37	n.a.	T 18
F 19	11 1 43	17°13'51	28°28	6°20	18°55	18°57	9°31	22°21	7°18	7°31	11°43	23° 5	23°36	2°44	n.a.	F 19
S 20	11 5 40	18°11'58	12♑23	6°51	20° 7	19°36	9°24	22°20	7°18	7°33	11°41	23° 5	23°33	2°51	n.a.	S 20
S 21	11 9 36	19°10'04	26°43	7°17	21°19	20°14	9°18	22°18	7°17	7°35	11°39	23° 5	23°29	2°57	n.a.	S 21
M22	11 13 33	20° 8'09	11♒24	7°37	22°31	20°53	9°11	22°17	7°17	7°36	11°38	23° 4	23°26	3° 4	n.a.	M22
T 23	11 17 29	21° 6'11	26°21	7°51	23°42	21°31	9° 4	22°15	7°17	7°38	11°36	23° 4	23°23	3°11	n.a.	T 23
W24	11 21 26	22° 4'12	11♓28	8° 0	24°54	22°10	8°57	22°14	7°17	7°40	11°34	23° 4	23°20	3°17	n.a.	W24
T 25	11 25 23	23° 2'12	26°35	8°R 3	26° 5	22°48	8°50	22°13	7°17	7°41	11°33	23° 4	23°17	3°24	n.a.	T 25
F 26	11 29 19	24° 0'09	11♈33	8° 2	27°17	23°26	8°43	22°12	7°D17	7°43	11°31	23° 4	23°13	3°31	n.a.	F 26
S 27	11 33 16	24°58'05	26°15	7°55	28°28	24° 4	8°36	22°11	7°17	7°45	11°29	23° 4	23°10	3°37	n.a.	S 27
S 28	11 37 12	25°55'59	10♉33	7°43	29°39	24°42	8°29	22°10	7°17	7°46	11°28	23° 3	23° 7	3°44	n.a.	S 28
M29	11 41 9	26°53'51	24°26	7°27	0♊51	25°20	8°21	22° 9	7°17	7°48	11°26	23° 3	23° 4	3°50	n.a.	M29
T 30	11 45 5	27°51'42	7♊52	7° 7	2° 2	25°58	8°14	22° 8	7°17	7°50	11°25	23° 3	23° 1	3°57	n.a.	T 30
W31	11 49 2	28♓49'30	20♊53	6♈42	3♉13	26♐35	8♎ 6	22♋ 8	7♋17	7♉52	11♍23	23♓ 2	22♓58	4♍ 4	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11s46	20n48	4n10	6s25	0n35	1s25	0s19	21s53	0s 0	3s 2	1n34	23n17	1n29	24n10	0n33	12n30	1s43	23n24	17n48	2s43	2s12	13n20			n.a.
T 2	11 25	24 56	4 47	5 30	0 47	0 53	0 16	22 1	0 2	3 1	1 34	23 18	1 29	24 10	0 33	12 30	1 43	23 24	17 48	2 42	2 13	13 17			n.a.
W 3	11 4	27 42	5 9	4 35	0 59	0 21	0 13	22 9	0 3	2 59	1 34	23 18	1 29	24 10	0 33	12 31	1 43	23 25	17 48	2 43	2 15	13 14			n.a.
T 4	10 42	28 58	5 15	3 41	1 11	0n11	0 10	22 16	0 4	2 57	1 34	23 19	1 29	24 10	0 33	12 31	1 43	23 26	17 48	2 43	2 16	13 11			n.a.
F 5	10 21	28 45	5 6	2 49	1 22	0 43	0 7	22 24	0 6	2 55	1 34	23 19	1 29	24 11	0 33	12 32	1 43	23 27	17 48	2 44	2 17	13 8			n.a.
S 6	9 59	27 9	4 44	1 58	1 34	1 15	0 5	22 31	0 7	2 53	1 35	23 20	1 29	24 11	0 33	12 32	1 43	23 27	17 48	2 45	2 18	13 4			n.a.
S 7	9 37	24 19	4 9	1 9	1 45	1 47	0 2	22 38	0 9	2 51	1 35	23 20	1 29	24 11	0 33	12 33	1 43	23 28	17 48	2 46	2 20	13 1			n.a.
M 8	9 16	20 28	3 24	0 22	1 55	2 19	0n 1	22 45	0 10	2 49	1 35	23 21	1 29	24 11	0 33	12 33	1 43	23 29	17 48	2 47	2 21	12 58			n.a.
T 9	8 54	15 50	2 30	0n23	2 5	2 51	0 4	22 52	0 12	2 46	1 35	23 21	1 29	24 11	0 33	12 34	1 43	23 30	17 48	2 48	2 22	12 55			n.a.
W10	8 31	10 38	1 30	1 5	2 15	3 23	0 7	22 58	0 13	2 44	1 35	23 22	1 29	24 11	0 33	12 34	1 43	23 30	17 48	2 49	2 24	12 52			n.a.
T 11	8 9	5 4	0 26	1 45	2 24	3 54	0 10	23 5	0 15	2 42	1 35	23 22	1 29	24 11	0 33	12 35	1 43	23 31	17 48	2 49	2 25	12 49			n.a.
F 12	7 47	0s43	0s40	2 23	2 32	4 26	0 13	23 11	0 16	2 40	1 35	23 22	1 29	24 11	0 33	12 35	1 43	23 32	17 48	2 49	2 26	12 45			n.a.
S 13	7 24	6 30	1 44	2 58	2 40	4 57	0 16	23 17	0 18	2 37	1 35	23 23	1 29	24 11	0 33	12 36	1 42	23 32	17 48	2 49	2 27	12 42			n.a.
S 14	7 2	12 7	2 45	3 30	2 47	5 29	0 19	23 23	0 19	2 35	1 35	23 23	1 29	24 11	0 33	12 36	1 42	23 33	17 48	2 48	2 29	12 39			n.a.
M15	6 39	17 22	3 39	3 59	2 53	6 0	0 22	23 29	0 21	2 32	1 36	23 24	1 29	24 11	0 33	12 37	1 42	23 34	17 48	2 48	2 30	12 36			n.a.
T 16	6 16	21 59	4 23	4 25	2 58	6 31	0 25	23 34	0 22	2 30	1 36	23 24	1 29	24 11	0 33	12 37	1 42	23 34	17 48	2 48	2 31	12 33			n.a.
W17	5 53	25 42	4 56	4 48	3 2	7 2	0 28	23 40	0 24	2 27	1 36	23 24	1 29	24 11	0 33	12 38	1 42	23 35	17 48	2 47	2 33	12 29			n.a.
T 18	5 31	28 11	5 14	5 8	3 5	7 33	0 31	23 45	0 26	2 25	1 36	23 24	1 29	24 11	0 33	12 38	1 42	23 36	17 48	2 47	2 34	12 26			n.a.
F 19	5 8	29 6	5 16	5 24	3 7	8 4	0 34	23 50	0 27	2 22	1 36	23 25	1 29	24 11	0 33	12 39	1 42	23 36	17 48	2 47	2 35	12 23			n.a.
S 20	4 45	28 14	5 0	5 37	3 7	8 34	0 37	23 55	0 29	2 19	1 36	23 25	1 29	24 11	0 33	12 39	1 42	23 37	17 48	2 47	2 36	12 20			n.a.
S 21	4 21	25 29	4 25	5 47	3 7	9 4	0 40	23 59	0 31	2 17	1 36	23 25	1 29	24 11	0 33	12 40	1 42	23 38	17 48	2 48	2 38	12 16			n.a.
M22	3 58	21 2	3 31	5 54	3 6	9 34	0 43	24 4	0 33	2 14	1 36	23 25	1 28	24 11	0 33	12 41	1 42	23 38	17 48	2 48	2 39	12 13			n.a.
T 23	3 35	15 11	2 23	5 57	3 3	10 4	0 47	24 8	0 34	2 11	1 36	23 25	1 28	24 11	0 33	12 41	1 42	23 39	17 48	2 48	2 40	12 10			n.a.
W24	3 12	8 22	1 4	5 57	2 59	10 34	0 50	24 12	0 36	2 8	1 36	23 26	1 28	24 11	0 33	12 42	1 42	23 39	17 48	2 48	2 41	12 7			n.a.
T 25	2 49	1 5	0n20	5 54	2 54	11 3	0 53	24 17	0 38	2 5	1 36	23 26	1 28	24 11	0 32	12 42	1 42	23 40	17 48	2 48	2 43	12 4			n.a.
F 26	2 25	6n11	1 41	5 48	2 48	11 32	0 56	24 20	0 40	2 3	1 36	23 26	1 28	24 11	0 32	12 43	1 42	23 40	17 48	2 48	2 44	12 0			n.a.
S 27	2 2	13 0	2 54	5 38	2 40	12 1	0 59	24 24	0 42	2 0	1 36	23 26	1 28	24 11	0 32	12 43	1 42	23 41	17 47	2 48	2 45	11 57			n.a.
S 28	1 39	18 56	3 54	5 25	2 31	12 30	1 2	24 28	0 43	1 57	1 36	23 26	1 28	24 11	0 32	12 44	1 42	23 41	17 47	2 48	2 47	11 54			n.a.
M29	1 15	23 42	4 39	5 9	2 21	12 58	1 5	24 31	0 45	1 54	1 36	23 26	1 28	24 11	0 32	12 45	1 42	23 42	17 47	2 48	2 48	11 51			n.a.
T 30	0 52	27 2	5 6	4 51	2 9	13 26	1 7	24 34	0 47	1 51	1 36	23 26	1 28	24 11	0 32	12 45	1 42	23 42	17 47	2 48	2 49	11 47			n.a.
W31	0s28	28n48	5n17	4n29	1n57	13n54	1n10	24s37	0s49	1s48	1n36	23n26	1n28	24n11	0n32	12n46	1s42	23n43	17n47	2s48	2s50	11n44			n.a.

Julian Day Number = 1271129.5, Delta T = 08h17m03s
Ecliptic obliquity = 23°50'37, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'27, Lahiri = -20°58'27 Julian Calendar 1 March 1233 BCE == Greg. Calendar 19 Feb. 1233 BCE

The year -1232 astronomical counting style corresponds to year 1233 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1233 BCE
geocentric

APRIL 1233 BCE (-1232) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 52 58	29♓47'16	3♋31	6°R15	4♉24	27♐13	7°R59	22°R 7	7♋18	7♉54	11°R21	23°D 2	22♓54	4♍10	n.a.	T 1
F 2	11 56 55	0♈45'01	15°51	5♈44	5°35	27°51	7♎52	22♋ 7	7°18	7°55	11♍20	23♓ 3	22°51	4°17	n.a.	F 2
S 3	12 0 52	1°42'44	27°56	5°12	6°45	28°28	7°44	22° 7	7°18	7°57	11°18	23° 3	22°48	4°24	n.a.	S 3
S 4	12 4 48	2°40'25	9♌52	4°37	7°56	29° 5	7°36	22° 7	7°19	7°59	11°17	23° 4	22°45	4°30	n.a.	S 4
M 5	12 8 45	3°38'04	21°41	4° 2	9° 7	29°43	7°29	22°D 7	7°19	8° 1	11°15	23° 5	22°42	4°37	n.a.	M 5
T 6	12 12 41	4°35'42	3♍29	3°26	10°17	0♑20	7°21	22° 7	7°20	8° 3	11°14	23° 6	22°39	4°44	n.a.	T 6
W 7	12 16 38	5°33'18	15°18	2°50	11°28	0°57	7°14	22° 7	7°20	8° 5	11°12	23° 7	22°35	4°50	n.a.	W 7
T 8	12 20 34	6°30'53	27°11	2°15	12°38	1°34	7° 6	22° 7	7°21	8° 7	11°11	23°R 7	22°32	4°57	n.a.	T 8
F 9	12 24 31	7°28'26	9♎10	1°42	13°49	2°10	6°58	22° 7	7°22	8° 9	11° 9	23° 6	22°29	5° 4	n.a.	F 9
S 10	12 28 27	8°25'57	21°18	1°10	14°59	2°47	6°51	22° 8	7°22	8°11	11° 8	23° 5	22°26	5°10	n.a.	S 10
S 11	12 32 24	9°23'28	3♏36	0°41	16° 9	3°24	6°43	22° 9	7°23	8°13	11° 6	23° 3	22°23	5°17	n.a.	S 11
M12	12 36 20	10°20'57	16° 6	0°15	17°19	4° 0	6°36	22° 9	7°24	8°15	11° 5	23° 0	22°19	5°24	n.a.	M12
T 13	12 40 17	11°18'25	28°49	29♓52	18°29	4°36	6°28	22°10	7°25	8°17	11° 3	22°58	22°16	5°30	n.a.	T 13
W14	12 44 14	12°15'53	11♐46	29°33	19°39	5°13	6°20	22°11	7°26	8°19	11° 2	22°56	22°13	5°37	n.a.	W14
T 15	12 48 10	13°13'19	25° 0	29°18	20°48	5°49	6°13	22°12	7°27	8°21	11° 1	22°54	22°10	5°44	n.a.	T 15
F 16	12 52 7	14°10'45	8♑30	29° 7	21°58	6°25	6° 5	22°13	7°28	8°23	10°59	22°D53	22° 7	5°50	n.a.	F 16
S 17	12 56 3	15° 8'09	22°19	29° 0	23° 8	7° 0	5°58	22°14	7°29	8°25	10°58	22°53	22° 4	5°57	n.a.	S 17
S 18	13 0 0	16° 5'33	6♒25	28°D57	24°17	7°36	5°50	22°15	7°30	8°27	10°57	22°54	22° 0	6° 4	n.a.	S 18
M19	13 3 56	17° 2'56	20°49	28°59	25°27	8°11	5°43	22°17	7°32	8°29	10°55	22°55	21°57	6°10	n.a.	M19
T 20	13 7 53	18° 0'18	5♓26	29° 6	26°36	8°47	5°36	22°18	7°33	8°31	10°54	22°56	21°54	6°17	n.a.	T 20
W21	13 11 50	18°57'39	20°13	29°17	27°45	9°22	5°28	22°20	7°34	8°34	10°53	22°R57	21°51	6°23	n.a.	W21
T 22	13 15 46	19°54'59	5♈ 4	29°33	28°54	9°57	5°21	22°22	7°36	8°36	10°52	22°57	21°48	6°30	n.a.	T 22
F 23	13 19 43	20°52'18	19°51	29°53	0♊ 3	10°32	5°14	22°23	7°37	8°38	10°51	22°55	21°44	6°37	n.a.	F 23
S 24	13 23 39	21°49'37	4♉26	0♈17	1°12	11° 6	5° 7	22°25	7°39	8°40	10°49	22°52	21°41	6°43	n.a.	S 24
S 25	13 27 36	22°46'54	18°44	0°46	2°21	11°41	5° 0	22°27	7°40	8°42	10°48	22°48	21°38	6°50	n.a.	S 25
M26	13 31 32	23°44'11	2♊39	1°18	3°29	12°15	4°53	22°29	7°42	8°44	10°47	22°43	21°35	6°57	n.a.	M26
T 27	13 35 29	24°41'27	16° 9	1°55	4°38	12°49	4°46	22°31	7°43	8°46	10°46	22°39	21°32	7° 3	n.a.	T 27
W28	13 39 25	25°38'41	29°14	2°36	5°46	13°23	4°39	22°34	7°45	8°49	10°45	22°35	21°29	7°10	n.a.	W28
T 29	13 43 22	26°35'55	11♋55	3°21	6°55	13°56	4°33	22°36	7°47	8°51	10°44	22°33	21°25	7°17	n.a.	T 29
F 30	13 47 19	27♈33'07	24♋16	4♈10	8♊ 3	14♑30	4♎26	22♋39	7♋48	8♉53	10♍43	22°D32	21♓22	7♍23	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 5	29n 0	5n12	4n 6	1n43	14n21	1n13	24s40	0s51	1s45	1n36	23n26	1n28	24n11	0n32	12n47	1s42	23n43	17n47	2s48	2s52	11n41		n.a.
F 2	0n18	27 44	4 53	3 41	1 29	14 48	1 16	24 43	0 53	1 42	1 36	23 26	1 28	24 11	0 32	12 47	1 42	23 44	17 46	2 48	2 53	11 38		n.a.
S 3	0 42	25 11	4 21	3 14	1 14	15 14	1 19	24 45	0 55	1 39	1 36	23 26	1 28	24 11	0 32	12 48	1 41	23 44	17 46	2 48	2 54	11 34		n.a.
S 4	1 5	21 34	3 38	2 45	0 58	15 41	1 22	24 48	0 57	1 36	1 36	23 26	1 28	24 10	0 32	12 49	1 41	23 45	17 46	2 48	2 56	11 31		n.a.
M 5	1 28	17 7	2 46	2 16	0 42	16 6	1 25	24 50	0 59	1 33	1 36	23 26	1 28	24 10	0 32	12 49	1 41	23 45	17 46	2 47	2 57	11 28		n.a.
T 6	1 51	12 3	1 47	1 46	0 25	16 32	1 27	24 52	1 1	1 30	1 36	23 26	1 28	24 10	0 32	12 50	1 41	23 45	17 46	2 47	2 58	11 25		n.a.
W 7	2 15	6 33	0 43	1 16	0 8	16 57	1 30	24 54	1 3	1 27	1 36	23 26	1 27	24 10	0 32	12 51	1 41	23 46	17 45	2 47	2 59	11 21		n.a.
T 8	2 38	0 48	0s23	0 47	0s 9	17 22	1 33	24 56	1 6	1 24	1 36	23 26	1 27	24 10	0 32	12 51	1 41	23 46	17 45	2 47	3 1	11 18		n.a.
F 9	3 1	5s 2	1 28	0 18	0 26	17 46	1 35	24 57	1 8	1 21	1 36	23 26	1 27	24 10	0 32	12 52	1 41	23 47	17 45	2 47	3 2	11 15		n.a.
S 10	3 24	10 45	2 30	0s10	0 42	18 10	1 38	24 59	1 10	1 18	1 36	23 25	1 27	24 10	0 32	12 53	1 41	23 47	17 44	2 47	3 3	11 12		n.a.
S 11	3 47	16 8	3 26	0 37	0 59	18 33	1 40	25 0	1 12	1 15	1 36	23 25	1 27	24 10	0 32	12 53	1 41	23 47	17 44	2 48	3 4	11 8		n.a.
M12	4 10	20 57	4 13	1 2	1 14	18 56	1 43	25 1	1 14	1 12	1 36	23 25	1 27	24 10	0 32	12 54	1 41	23 47	17 44	2 49	3 6	11 5		n.a.
T 13	4 33	24 54	4 48	1 25	1 29	19 18	1 45	25 2	1 17	1 9	1 36	23 25	1 27	24 10	0 32	12 55	1 41	23 48	17 44	2 50	3 7	11 2		n.a.
W14	4 56	27 41	5 9	1 46	1 44	19 40	1 48	25 3	1 19	1 6	1 35	23 25	1 27	24 10	0 32	12 55	1 41	23 48	17 43	2 51	3 8	10 58		n.a.
T 15	5 18	29 0	5 15	2 4	1 57	20 1	1 50	25 4	1 21	1 3	1 35	23 24	1 27	24 10	0 32	12 56	1 41	23 48	17 43	2 52	3 10	10 55		n.a.
F 16	5 41	28 37	5 4	2 20	2 10	20 22	1 52	25 5	1 24	1 0	1 35	23 24	1 27	24 10	0 32	12 57	1 41	23 49	17 43	2 52	3 11	10 52		n.a.
S 17	6 4	26 28	4 35	2 34	2 21	20 43	1 55	25 5	1 26	0 57	1 35	23 24	1 27	24 10	0 32	12 57	1 41	23 49	17 42	2 52	3 12	10 49		n.a.
S 18	6 26	22 40	3 49	2 44	2 32	21 3	1 57	25 5	1 28	0 54	1 35	23 24	1 27	24 10	0 32	12 58	1 41	23 49	17 42	2 52	3 13	10 45		n.a.
M19	6 48	17 26	2 48	2 52	2 42	21 22	1 59	25 6	1 31	0 52	1 35	23 23	1 27	24 9	0 32	12 59	1 41	23 49	17 42	2 51	3 15	10 42		n.a.
T 20	7 11	11 8	1 35	2 58	2 50	21 41	2 1	25 6	1 33	0 49	1 35	23 23	1 27	24 9	0 32	13 0	1 41	23 49	17 41	2 51	3 16	10 39		n.a.
W21	7 33	4 10	0 15	3 0	2 58	21 59	2 3	25 6	1 36	0 46	1 35	23 23	1 26	24 9	0 32	13 0	1 41	23 49	17 41	2 51	3 17	10 35		n.a.
T 22	7 55	3n 3	1n 6	3 0	3 5	22 17	2 5	25 6	1 38	0 43	1 34	23 22	1 26	24 9	0 32	13 1	1 41	23 50	17 40	2 51	3 18	10 32		n.a.
F 23	8 17	10 5	2 22	2 57	3 10	22 34	2 7	25 5	1 41	0 40	1 34	23 22	1 26	24 9	0 32	13 2	1 41	23 50	17 40	2 51	3 20	10 29		n.a.
S 24	8 39	16 28	3 28	2 52	3 15	22 50	2 8	25 5	1 43	0 38	1 34	23 22	1 26	24 9	0 32	13 2	1 41	23 50	17 40	2 53	3 21	10 26		n.a.
S 25	9 0	21 50	4 19	2 43	3 19	23 6	2 10	25 5	1 46	0 35	1 34	23 21	1 26	24 9	0 32	13 3	1 41	23 50	17 39	2 54	3 22	10 22		n.a.
M26	9 22	25 50	4 54	2 33	3 22	23 21	2 12	25 4	1 48	0 32	1 34	23 21	1 26	24 9	0 32	13 4	1 41	23 50	17 39	2 56	3 24	10 19		n.a.
T 27	9 43	28 15	5 11	2 20	3 23	23 36	2 13	25 3	1 51	0 30	1 34	23 20	1 26	24 9	0 32	13 5	1 41	23 50	17 38	2 58	3 25	10 16		n.a.
W28	10 5	29 1	5 10	2 4	3 24	23 50	2 14	25 2	1 54	0 27	1 33	23 20	1 26	24 8	0 32	13 5	1 41	23 50	17 38	2 59	3 26	10 12		n.a.
T 29	10 26	28 12	4 55	1 46	3 25	24 4	2 16	25 2	1 56	0 25	1 33	23 19	1 26	24 8	0 32	13 6	1 41	23 50	17 38	3 0	3 27	10 9		n.a.
F 30	10n47	25n59	4n26	1s26	3s24	24n16	2n17	25s 1	1s59	0s22	1n33	23n19	1n26	24n 8	0n32	13n 7	1s41	23n50	17n37	3s 1	3s29	10n 6		n.a.

Julian Day Number = 1271160.5, Delta T = 08h17m01s
Ecliptic obliquity = 23°50'37, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'23, Lahiri = -20°58'23 Julian Calendar 1 Apr. 1233 BCE == Greg. Calendar 21 March 1233 BCE

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ASTRODIENST EPHEMERIS for the year 1233 BCE
geocentric

MAY 1233 BCE (-1232) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 51 15	28♈30'18	6♌22	5♈ 2	9♊11	15♉ 3	4°R20	22♋41	7♋50	8♉55	10°R42	22♓32	21♓19	7♍30	n.a.	S 1
S 2	13 55 12	29°27'29	18°17	5°58	10°19	15°36	4♎13	22°44	7°52	8°57	10♍41	22°33	21°16	7°37	n.a.	S 2
M 3	13 59 8	0♉24'38	0♍ 6	6°58	11°27	16° 9	4° 7	22°46	7°54	9° 0	10°40	22°35	21°13	7°43	n.a.	M 3
T 4	14 3 5	1°21'47	11°54	8° 1	12°34	16°41	4° 1	22°49	7°56	9° 2	10°39	22°36	21°10	7°50	n.a.	T 4
W 5	14 7 1	2°18'55	23°45	9° 8	13°42	17°14	3°55	22°52	7°58	9° 4	10°38	22°R37	21° 6	7°57	n.a.	W 5
T 6	14 10 58	3°16'02	5♎44	10°18	14°49	17°46	3°49	22°55	8° 0	9° 6	10°37	22°36	21° 3	8° 3	n.a.	T 6
F 7	14 14 54	4°13'08	17°53	11°31	15°56	18°17	3°44	22°58	8° 2	9° 9	10°36	22°33	21° 0	8°10	n.a.	F 7
S 8	14 18 51	5°10'14	0♏14	12°47	17° 3	18°49	3°38	23° 2	8° 4	9°11	10°36	22°28	20°57	8°17	n.a.	S 8
S 9	14 22 48	6° 7'19	12°49	14° 7	18°10	19°20	3°33	23° 5	8° 6	9°13	10°35	22°22	20°54	8°23	n.a.	S 9
M10	14 26 44	7° 4'25	25°38	15°30	19°17	19°51	3°27	23° 8	8° 9	9°15	10°34	22°15	20°50	8°30	n.a.	M10
T 11	14 30 41	8° 1'29	8♐41	16°57	20°24	20°22	3°22	23°12	8°11	9°18	10°33	22° 7	20°47	8°36	n.a.	T 11
W12	14 34 37	8°58'34	21°57	18°26	21°30	20°52	3°17	23°15	8°13	9°20	10°33	22° 0	20°44	8°43	n.a.	W12
T 13	14 38 34	9°55'39	5♑25	19°58	22°36	21°23	3°12	23°19	8°15	9°22	10°32	21°54	20°41	8°50	n.a.	T 13
F 14	14 42 30	10°52'43	19° 6	21°34	23°42	21°53	3° 7	23°23	8°18	9°24	10°31	21°50	20°38	8°56	n.a.	F 14
S 15	14 46 27	11°49'48	2♒57	23°12	24°48	22°22	3° 3	23°26	8°20	9°26	10°31	21°48	20°35	9° 3	n.a.	S 15
S 16	14 50 24	12°46'52	16°58	24°54	25°54	22°51	2°58	23°30	8°23	9°29	10°30	21°D48	20°31	9°10	n.a.	S 16
M17	14 54 20	13°43'57	1♓ 8	26°39	27° 0	23°20	2°54	23°34	8°25	9°31	10°30	21°49	20°28	9°16	n.a.	M17
T 18	14 58 17	14°41'02	15°27	28°26	28° 5	23°49	2°50	23°38	8°28	9°33	10°29	21°R49	20°25	9°23	n.a.	T 18
W19	15 2 13	15°38'06	29°51	0♉16	29°10	24°17	2°46	23°42	8°30	9°35	10°29	21°49	20°22	9°30	n.a.	W19
T 20	15 6 10	16°35'11	14♈18	2° 9	0♋15	24°45	2°42	23°47	8°33	9°38	10°28	21°47	20°19	9°36	n.a.	T 20
F 21	15 10 6	17°32'16	28°43	4° 5	1°20	25°13	2°38	23°51	8°36	9°40	10°28	21°43	20°16	9°43	n.a.	F 21
S 22	15 14 3	18°29'22	13♉ 0	6° 3	2°25	25°40	2°35	23°55	8°38	9°42	10°28	21°37	20°12	9°50	n.a.	S 22
S 23	15 17 59	19°26'27	27° 3	8° 3	3°29	26° 6	2°32	24° 0	8°41	9°44	10°27	21°28	20° 9	9°56	n.a.	S 23
M24	15 21 56	20°23'33	10♊49	10° 5	4°33	26°33	2°28	24° 4	8°44	9°46	10°27	21°19	20° 6	10° 3	n.a.	M24
T 25	15 25 53	21°20'38	24°14	12° 9	5°37	26°59	2°26	24° 9	8°47	9°49	10°27	21° 9	20° 3	10°10	n.a.	T 25
W26	15 29 49	22°17'44	7♋17	14°15	6°41	27°24	2°23	24°13	8°49	9°51	10°27	21° 1	20° 0	10°16	n.a.	W26
T 27	15 33 46	23°14'49	19°58	16°22	7°45	27°49	2°20	24°18	8°52	9°53	10°26	20°54	19°56	10°23	n.a.	T 27
F 28	15 37 42	24°11'54	2♌19	18°30	8°48	28°14	2°18	24°23	8°55	9°55	10°26	20°49	19°53	10°30	n.a.	F 28
S 29	15 41 39	25° 8'59	14°25	20°39	9°51	28°38	2°15	24°28	8°58	9°57	10°26	20°47	19°50	10°36	n.a.	S 29
S 30	15 45 35	26° 6'05	26°20	22°48	10°54	29° 2	2°13	24°33	9° 1	10° 0	10°26	20°D46	19°47	10°43	n.a.	S 30
M31	15 49 32	27♉ 3'10	8♍ 9	24♉58	11♋56	29♉25	2♎11	24♋38	9♋ 4	10♉ 2	10♍26	20♓47	19♓44	10♍49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n 7	22n38	3n46	1s 3	3s22	24n29	2n18	25s 0	2s 2	0s20	1n33	23n18	1n26	24n 8	0n32	13n 8	1s41	23n50	17n37	3s 1	3s30	10n 2		n.a.
S 2	11 28	18 24	2 56	0 38	3 20	24 40	2 19	24 58	2 4	0 18	1 33	23 18	1 26	24 8	0 32	13 8	1 41	23 50	17 36	3 0	3 31	9 59		n.a.
M 3	11 48	13 29	2 0	0 12	3 17	24 51	2 20	24 57	2 7	0 15	1 32	23 17	1 26	24 8	0 32	13 9	1 41	23 50	17 36	3 0	3 32	9 56		n.a.
T 4	12 9	8 6	0 58	0n17	3 13	25 1	2 21	24 56	2 10	0 13	1 32	23 17	1 26	24 8	0 32	13 10	1 41	23 50	17 35	2 59	3 34	9 52		n.a.
W 5	12 29	2 25	0s 6	0 48	3 8	25 11	2 22	24 55	2 13	0 11	1 32	23 16	1 25	24 8	0 32	13 10	1 41	23 50	17 35	2 59	3 35	9 49		n.a.
T 6	12 49	3s24	1 11	1 21	3 3	25 20	2 23	24 53	2 16	0 9	1 32	23 16	1 25	24 7	0 32	13 11	1 41	23 50	17 34	2 59	3 36	9 46		n.a.
F 7	13 8	9 10	2 13	1 55	2 57	25 28	2 23	24 52	2 19	0 7	1 31	23 15	1 25	24 7	0 32	13 12	1 41	23 50	17 34	3 0	3 38	9 42		n.a.
S 8	13 28	14 42	3 10	2 31	2 51	25 35	2 24	24 50	2 22	0 5	1 31	23 14	1 25	24 7	0 32	13 13	1 41	23 50	17 33	3 2	3 39	9 39		n.a.
S 9	13 47	19 43	3 58	3 9	2 44	25 42	2 24	24 48	2 25	0 3	1 31	23 14	1 25	24 7	0 32	13 13	1 41	23 49	17 33	3 5	3 40	9 36		n.a.
M10	14 6	23 57	4 36	3 49	2 36	25 48	2 25	24 47	2 28	0 1	1 31	23 13	1 25	24 7	0 32	13 14	1 41	23 49	17 32	3 8	3 41	9 32		n.a.
T 11	14 25	27 3	5 0	4 30	2 28	25 54	2 25	24 45	2 31	0n 1	1 30	23 13	1 25	24 7	0 32	13 15	1 41	23 49	17 32	3 11	3 43	9 29		n.a.
W12	14 44	28 43	5 8	5 12	2 19	25 58	2 25	24 43	2 34	0 3	1 30	23 12	1 25	24 6	0 32	13 16	1 41	23 49	17 31	3 14	3 44	9 26		n.a.
T 13	15 2	28 43	4 59	5 56	2 10	26 3	2 25	24 42	2 37	0 5	1 30	23 11	1 25	24 6	0 31	13 16	1 41	23 49	17 31	3 16	3 45	9 22		n.a.
F 14	15 20	26 59	4 34	6 41	2 0	26 6	2 25	24 40	2 40	0 6	1 30	23 10	1 25	24 6	0 31	13 17	1 40	23 48	17 30	3 17	3 46	9 19		n.a.
S 15	15 38	23 36	3 52	7 28	1 50	26 9	2 24	24 38	2 43	0 8	1 29	23 10	1 25	24 6	0 31	13 18	1 40	23 48	17 30	3 18	3 48	9 16		n.a.
S 16	15 56	18 49	2 56	8 15	1 40	26 11	2 24	24 36	2 46	0 10	1 29	23 9	1 25	24 6	0 31	13 18	1 40	23 48	17 29	3 18	3 49	9 12		n.a.
M17	16 14	12 57	1 49	9 3	1 29	26 12	2 23	24 34	2 49	0 11	1 29	23 8	1 25	24 6	0 31	13 19	1 40	23 48	17 29	3 18	3 50	9 9		n.a.
T 18	16 31	6 21	0 34	9 53	1 18	26 13	2 23	24 32	2 53	0 12	1 29	23 7	1 25	24 5	0 31	13 20	1 40	23 47	17 28	3 18	3 52	9 6		n.a.
W19	16 48	0n36	0n43	10 43	1 7	26 13	2 22	24 30	2 56	0 14	1 28	23 7	1 25	24 5	0 31	13 21	1 40	23 47	17 28	3 18	3 53	9 2		n.a.
T 20	17 5	7 32	1 58	11 33	0 56	26 12	2 21	24 28	2 59	0 15	1 28	23 6	1 25	24 5	0 31	13 21	1 40	23 47	17 27	3 19	3 54	8 59		n.a.
F 21	17 21	14 4	3 4	12 24	0 45	26 11	2 20	24 27	3 3	0 16	1 28	23 5	1 24	24 5	0 31	13 22	1 40	23 46	17 27	3 20	3 55	8 56		n.a.
S 22	17 37	19 47	3 59	13 14	0 33	26 8	2 19	24 25	3 6	0 17	1 27	23 4	1 24	24 5	0 31	13 23	1 40	23 46	17 26	3 23	3 57	8 52		n.a.
S 23	17 53	24 20	4 38	14 5	0 22	26 6	2 18	24 23	3 9	0 19	1 27	23 3	1 24	24 4	0 31	13 23	1 40	23 46	17 26	3 26	3 58	8 49		n.a.
M24	18 9	27 23	5 0	14 55	0 10	26 2	2 17	24 21	3 13	0 20	1 27	23 3	1 24	24 4	0 31	13 24	1 40	23 45	17 25	3 30	3 59	8 46		n.a.
T 25	18 24	28 47	5 4	15 45	0n 1	25 58	2 15	24 19	3 16	0 20	1 27	23 2	1 24	24 4	0 31	13 25	1 40	23 45	17 24	3 34	4 0	8 42		n.a.
W26	18 39	28 30	4 53	16 34	0 12	25 54	2 13	24 17	3 20	0 21	1 26	23 1	1 24	24 4	0 31	13 26	1 40	23 44	17 24	3 37	4 2	8 39		n.a.
T 27	18 54	26 43	4 27	17 22	0 22	25 48	2 12	24 16	3 23	0 22	1 26	23 0	1 24	24 4	0 31	13 26	1 40	23 44	17 23	3 40	4 3	8 35		n.a.
F 28	19 8	23 41	3 49	18 8	0 32	25 42	2 10	24 14	3 27	0 23	1 26	22 59	1 24	24 3	0 31	13 27	1 41	23 44	17 23	3 42	4 4	8 32		n.a.
S 29	19 22	19 40	3 1	18 53	0 42	25 36	2 8	24 12	3 30	0 23	1 25	22 58	1 24	24 3	0 31	13 28	1 41	23 43	17 22	3 43	4 5	8 29		n.a.
S 30	19 36	14 56	2 7	19 37	0 51	25 28	2 6	24 11	3 34	0 24	1 25	22 57	1 24	24 3	0 31	13 28	1 41	23 43	17 22	3 43	4 7	8 25		n.a.
M31	19n50	9n41	1n 7	20n18	1n 0	25n21	2n 3	24s 9	3s37	0n24	1n25	22n56	1n24	24n 3	0n31	13n29	1s41	23n42	17n21	3s43	4s 8	8n22		n.a.

Julian Day Number = 1271190.5, Delta T = 08h17m00s
Ecliptic obliquity = 23°50'37, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'19, Lahiri = -20°58'19 Julian Calendar 1 May 1233 BCE == Greg. Calendar 20 Apr. 1233 BCE

The year -1232 astronomical counting style corresponds to year 1233 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1233 BCE
geocentric

JUNE 1233 BCE (-1232) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 53 29	28♉ 0'15	19♍59	27♉ 7	12♋59	29♏48	2°R10	24♋43	9♋ 7	10♉ 4	10°D26	20°R47	19♓41	10♍56	n.a.	T 1
W 2	15 57 25	28°57'20	1♎53	29°17	14° 1	0♒10	2♎ 8	24°48	9°10	10° 6	10♍26	20♓47	19°37	11° 3	n.a.	W 2
T 3	16 1 22	29°54'26	13°56	1♊25	15° 2	0°32	2° 7	24°53	9°13	10° 8	10°26	20°44	19°34	11° 9	n.a.	T 3
F 4	16 5 18	0♊51'32	26°13	3°33	16° 4	0°53	2° 6	24°59	9°16	10°10	10°26	20°40	19°31	11°16	n.a.	F 4
S 5	16 9 15	1°48'38	8♏47	5°39	17° 5	1°14	2° 5	25° 4	9°19	10°12	10°26	20°32	19°28	11°23	n.a.	S 5
S 6	16 13 11	2°45'44	21°39	7°45	18° 5	1°35	2° 4	25° 9	9°23	10°15	10°26	20°23	19°25	11°29	n.a.	S 6
M 7	16 17 8	3°42'51	4♐48	9°49	19° 6	1°54	2° 3	25°15	9°26	10°17	10°26	20°12	19°22	11°36	n.a.	M 7
T 8	16 21 4	4°39'59	18°14	11°52	20° 6	2°13	2° 3	25°20	9°29	10°19	10°27	20° 0	19°18	11°43	n.a.	T 8
W 9	16 25 1	5°37'08	1♑55	13°54	21° 6	2°32	2° 2	25°26	9°32	10°21	10°27	19°49	19°15	11°49	n.a.	W 9
T 10	16 28 58	6°34'17	15°46	15°53	22° 5	2°50	2°D 2	25°32	9°36	10°23	10°27	19°40	19°12	11°56	n.a.	T 10
F 11	16 32 54	7°31'27	29°45	17°52	23° 4	3° 8	2° 2	25°37	9°39	10°25	10°27	19°33	19° 9	12° 3	n.a.	F 11
S 12	16 36 51	8°28'38	13♒49	19°48	24° 3	3°24	2° 3	25°43	9°42	10°27	10°28	19°29	19° 6	12° 9	n.a.	S 12
S 13	16 40 47	9°25'50	27°55	21°43	25° 1	3°41	2° 3	25°49	9°45	10°29	10°28	19°27	19° 2	12°16	n.a.	S 13
M14	16 44 44	10°23'02	12♓ 3	23°36	25°59	3°56	2° 4	25°55	9°49	10°31	10°29	19°27	18°59	12°23	n.a.	M14
T 15	16 48 40	11°20'16	26°10	25°28	26°56	4°11	2° 5	26° 1	9°52	10°33	10°29	19°27	18°56	12°29	n.a.	T 15
W16	16 52 37	12°17'31	10♈17	27°18	27°53	4°25	2° 6	26° 7	9°56	10°35	10°30	19°26	18°53	12°36	n.a.	W16
T 17	16 56 34	13°14'48	24°21	29° 6	28°50	4°39	2° 7	26°13	9°59	10°37	10°30	19°23	18°50	12°42	n.a.	T 17
F 18	17 0 30	14°12'05	8♉21	0♋52	29°46	4°52	2° 8	26°19	10° 3	10°39	10°31	19°17	18°47	12°49	n.a.	F 18
S 19	17 4 27	15° 9'24	22°13	2°37	0♌42	5° 4	2°10	26°25	10° 6	10°41	10°31	19° 8	18°43	12°56	n.a.	S 19
S 20	17 8 23	16° 6'43	5♊55	4°19	1°37	5°15	2°11	26°32	10°10	10°43	10°32	18°57	18°40	13° 2	n.a.	S 20
M21	17 12 20	17° 4'04	19°22	6° 1	2°32	5°26	2°13	26°38	10°13	10°45	10°32	18°45	18°37	13° 9	n.a.	M21
T 22	17 16 16	18° 1'26	2♋33	7°40	3°26	5°36	2°15	26°44	10°17	10°46	10°33	18°33	18°34	13°16	n.a.	T 22
W23	17 20 13	18°58'49	15°25	9°18	4°19	5°45	2°18	26°50	10°20	10°48	10°34	18°21	18°31	13°22	n.a.	W23
T 24	17 24 9	19°56'12	28° 0	10°54	5°13	5°53	2°20	26°57	10°24	10°50	10°35	18°12	18°28	13°29	n.a.	T 24
F 25	17 28 6	20°53'37	10♌17	12°29	6° 5	6° 1	2°23	27° 3	10°27	10°52	10°35	18° 5	18°24	13°36	n.a.	F 25
S 26	17 32 3	21°51'02	22°21	14° 1	6°57	6° 8	2°25	27°10	10°31	10°54	10°36	18° 1	18°21	13°42	n.a.	S 26
S 27	17 35 59	22°48'29	4♍15	15°32	7°48	6°14	2°28	27°16	10°35	10°55	10°37	17°59	18°18	13°49	n.a.	S 27
M28	17 39 56	23°45'56	16° 3	17° 2	8°39	6°19	2°32	27°23	10°38	10°57	10°38	17°58	18°15	13°56	n.a.	M28
T 29	17 43 52	24°43'24	27°52	18°29	9°29	6°23	2°35	27°30	10°42	10°59	10°39	17°58	18°12	14° 2	n.a.	T 29
W30	17 47 49	25♊40'53	9♎47	19♋55	10♌18	6♒27	2♎38	27♋36	10♋45	11♉ 1	10♍40	17♓58	18♓ 8	14♍ 9	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 3	4n 6	0n 4	20n57	1n 8	25n12	2n 1	24s 8	3s41	0n25	1n25	22n55	1n24	24n 3	0n31	13n30	1s41	23n42	17n20	3s43	4s 9	8n19		n.a.
W 2	20 16	1s39	0s59	21 34	1 16	25 3	1 58	24 7	3 45	0 25	1 24	22 54	1 24	24 2	0 31	13 30	1 41	23 41	17 20	3 43	4 11	8 15		n.a.
T 3	20 28	7 25	2 0	22 8	1 23	24 53	1 55	24 5	3 48	0 26	1 24	22 53	1 24	24 2	0 31	13 31	1 41	23 41	17 19	3 44	4 12	8 12		n.a.
F 4	20 40	13 1	2 57	22 40	1 29	24 43	1 52	24 4	3 52	0 26	1 24	22 52	1 24	24 2	0 31	13 32	1 41	23 40	17 19	3 46	4 13	8 9		n.a.
S 5	20 52	18 13	3 46	23 9	1 34	24 32	1 49	24 3	3 56	0 26	1 23	22 51	1 24	24 2	0 31	13 32	1 41	23 39	17 18	3 49	4 14	8 5		n.a.
S 6	21 4	22 44	4 25	23 36	1 39	24 21	1 46	24 2	4 0	0 26	1 23	22 50	1 24	24 1	0 31	13 33	1 41	23 39	17 18	3 52	4 16	8 2		n.a.
M 7	21 15	26 13	4 51	24 0	1 43	24 9	1 43	24 1	4 3	0 26	1 23	22 49	1 24	24 1	0 31	13 34	1 41	23 38	17 17	3 57	4 17	7 58		n.a.
T 8	21 26	28 19	5 1	24 21	1 47	23 57	1 39	24 0	4 7	0 26	1 22	22 48	1 24	24 1	0 31	13 34	1 41	23 38	17 16	4 1	4 18	7 55		n.a.
W 9	21 36	28 44	4 55	24 40	1 49	23 44	1 36	24 0	4 11	0 26	1 22	22 47	1 24	24 1	0 31	13 35	1 41	23 37	17 16	4 6	4 19	7 52		n.a.
T 10	21 46	27 23	4 31	24 56	1 51	23 30	1 32	23 59	4 15	0 25	1 22	22 46	1 24	24 0	0 31	13 36	1 41	23 36	17 15	4 9	4 21	7 48		n.a.
F 11	21 56	24 18	3 51	25 9	1 53	23 17	1 28	23 59	4 19	0 25	1 21	22 45	1 24	24 0	0 31	13 36	1 41	23 36	17 15	4 12	4 22	7 45		n.a.
S 12	22 5	19 46	2 57	25 20	1 53	23 2	1 24	23 58	4 23	0 25	1 21	22 43	1 24	24 0	0 31	13 37	1 41	23 35	17 14	4 14	4 23	7 41		n.a.
S 13	22 14	14 8	1 51	25 28	1 54	22 47	1 19	23 58	4 27	0 24	1 21	22 42	1 24	24 0	0 31	13 37	1 41	23 34	17 13	4 14	4 24	7 38		n.a.
M14	22 23	7 46	0 39	25 34	1 53	22 32	1 15	23 58	4 30	0 24	1 20	22 41	1 23	23 59	0 31	13 38	1 41	23 34	17 13	4 15	4 26	7 35		n.a.
T 15	22 31	1 0	0n36	25 38	1 52	22 16	1 10	23 58	4 34	0 23	1 20	22 40	1 23	23 59	0 31	13 39	1 41	23 33	17 12	4 15	4 27	7 31		n.a.
W16	22 39	5n47	1 48	25 39	1 50	22 0	1 6	23 58	4 38	0 22	1 20	22 39	1 23	23 59	0 31	13 39	1 41	23 32	17 12	4 15	4 28	7 28		n.a.
T 17	22 46	12 16	2 53	25 38	1 48	21 44	1 1	23 59	4 42	0 22	1 20	22 38	1 23	23 59	0 31	13 40	1 41	23 31	17 11	4 16	4 30	7 24		n.a.
F 18	22 53	18 7	3 48	25 36	1 45	21 27	0 55	24 0	4 46	0 21	1 19	22 36	1 23	23 58	0 31	13 40	1 41	23 31	17 11	4 19	4 31	7 21		n.a.
S 19	23 0	22 57	4 28	25 31	1 42	21 9	0 50	24 0	4 50	0 20	1 19	22 35	1 23	23 58	0 31	13 41	1 41	23 30	17 10	4 22	4 32	7 18		n.a.
S 20	23 6	26 27	4 53	25 25	1 38	20 52	0 45	24 1	4 54	0 19	1 19	22 34	1 23	23 58	0 31	13 42	1 41	23 29	17 9	4 26	4 33	7 14		n.a.
M21	23 12	28 24	5 0	25 16	1 34	20 34	0 39	24 2	4 58	0 18	1 18	22 33	1 23	23 58	0 31	13 42	1 41	23 28	17 9	4 31	4 35	7 11		n.a.
T 22	23 18	28 41	4 52	25 6	1 29	20 15	0 33	24 4	5 2	0 17	1 18	22 31	1 23	23 57	0 31	13 43	1 41	23 28	17 8	4 36	4 36	7 7		n.a.
W23	23 23	27 22	4 28	24 55	1 24	19 56	0 27	24 5	5 6	0 15	1 18	22 30	1 23	23 57	0 31	13 43	1 41	23 27	17 8	4 41	4 37	7 4		n.a.
T 24	23 27	24 42	3 52	24 42	1 19	19 37	0 21	24 7	5 10	0 14	1 17	22 29	1 23	23 57	0 31	13 44	1 41	23 26	17 7	4 45	4 38	7 1		n.a.
F 25	23 31	20 56	3 5	24 27	1 13	19 18	0 15	24 8	5 14	0 13	1 17	22 28	1 23	23 56	0 31	13 44	1 41	23 25	17 6	4 47	4 40	6 57		n.a.
S 26	23 35	16 22	2 11	24 12	1 7	18 59	0 8	24 10	5 18	0 11	1 17	22 26	1 23	23 56	0 31	13 45	1 41	23 24	17 6	4 49	4 41	6 54		n.a.
S 27	23 39	11 14	1 12	23 55	1 0	18 39	0 1	24 13	5 22	0 10	1 16	22 25	1 23	23 56	0 31	13 45	1 41	23 24	17 5	4 50	4 42	6 50		n.a.
M28	23 42	5 45	0 10	23 37	0 53	18 19	0s 6	24 15	5 25	0 8	1 16	22 24	1 23	23 56	0 31	13 46	1 41	23 23	17 5	4 50	4 43	6 47		n.a.
T 29	23 44	0 4	0s52	23 18	0 45	17 59	0 13	24 18	5 29	0 7	1 16	22 22	1 23	23 55	0 31	13 46	1 41	23 22	17 4	4 50	4 45	6 44		n.a.
W30	23n46	5s40	1s53	22n58	0n38	17n38	0s20	24s20	5s33	0n 5	1n16	22n21	1n23	23n55	0n31	13n47	1s41	23n21	17n 4	4s50	4s46	6n40		n.a.

Julian Day Number = 1271221.5, Delta T = 08h16m58s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'15, Lahiri = -20°58'14 Julian Calendar 1 June 1233 BCE == Greg. Calendar 21 May 1233 BCE

The year -1232 astronomical counting style corresponds to year 1233 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1233 BCE
geocentric

JULY 1233 BCE (-1232) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 51 45	26♊38'24	21♎53	21♋19	11♌ 6	6♒30	2♎42	27♋43	10♋49	11♉ 2	10♍41	17°R56	18♓ 5	14♍16	n.a.	T 1
F 2	17 55 42	27°35'55	4♏14	22°42	11°54	6°32	2°46	27°50	10°53	11° 4	10°42	17♓51	18° 2	14°22	n.a.	F 2
S 3	17 59 38	28°33'28	16°55	24° 2	12°41	6°33	2°50	27°56	10°56	11° 6	10°43	17°44	17°59	14°29	n.a.	S 3
S 4	18 3 35	29°31'01	29°59	25°21	13°27	6°R33	2°54	28° 3	11° 0	11° 7	10°44	17°35	17°56	14°35	n.a.	S 4
M 5	18 7 32	0♋28'36	13♐25	26°37	14°12	6°33	2°58	28°10	11° 4	11° 9	10°45	17°24	17°53	14°42	n.a.	M 5
T 6	18 11 28	1°26'13	27°12	27°52	14°57	6°31	3° 3	28°17	11° 8	11°10	10°46	17°12	17°49	14°49	n.a.	T 6
W 7	18 15 25	2°23'51	11♑16	29° 5	15°40	6°29	3° 7	28°24	11°11	11°12	10°47	17° 1	17°46	14°55	n.a.	W 7
T 8	18 19 21	3°21'30	25°33	0♌15	16°23	6°26	3°12	28°31	11°15	11°14	10°48	16°52	17°43	15° 2	n.a.	T 8
F 9	18 23 18	4°19'11	9♒57	1°23	17° 4	6°22	3°17	28°38	11°19	11°15	10°50	16°45	17°40	15° 9	n.a.	F 9
S 10	18 27 14	5°16'54	24°22	2°29	17°45	6°18	3°22	28°45	11°22	11°17	10°51	16°41	17°37	15°15	n.a.	S 10
S 11	18 31 11	6°14'38	8♓44	3°33	18°24	6°12	3°27	28°52	11°26	11°18	10°52	16°40	17°34	15°22	n.a.	S 11
M12	18 35 8	7°12'24	23° 0	4°34	19° 3	6° 6	3°33	28°59	11°30	11°19	10°54	16°D40	17°30	15°29	n.a.	M12
T 13	18 39 4	8°10'12	7♈ 8	5°32	19°40	5°59	3°38	29° 6	11°34	11°21	10°55	16°R40	17°27	15°35	n.a.	T 13
W14	18 43 1	9° 8'02	21° 6	6°28	20°16	5°51	3°44	29°13	11°37	11°22	10°56	16°39	17°24	15°42	n.a.	W14
T 15	18 46 57	10° 5'54	4♉56	7°21	20°50	5°43	3°50	29°20	11°41	11°24	10°58	16°37	17°21	15°49	n.a.	T 15
F 16	18 50 54	11° 3'48	18°35	8°10	21°24	5°33	3°56	29°27	11°45	11°25	10°59	16°32	17°18	15°55	n.a.	F 16
S 17	18 54 50	12° 1'44	2♊ 4	8°57	21°56	5°23	4° 2	29°35	11°49	11°26	11° 1	16°25	17°14	16° 2	n.a.	S 17
S 18	18 58 47	12°59'42	15°21	9°39	22°27	5°12	4° 8	29°42	11°53	11°28	11° 2	16°15	17°11	16° 9	n.a.	S 18
M19	19 2 43	13°57'42	28°26	10°18	22°56	5° 1	4°15	29°49	11°56	11°29	11° 4	16° 5	17° 8	16°15	n.a.	M19
T 20	19 6 40	14°55'44	11♋17	10°54	23°24	4°49	4°22	29°56	12° 0	11°30	11° 5	15°54	17° 5	16°22	n.a.	T 20
W21	19 10 37	15°53'47	23°54	11°25	23°50	4°36	4°28	0♌ 4	12° 4	11°31	11° 7	15°44	17° 2	16°28	n.a.	W21
T 22	19 14 33	16°51'52	6♌17	11°51	24°15	4°22	4°35	0°11	12° 8	11°32	11° 8	15°36	16°59	16°35	n.a.	T 22
F 23	19 18 30	17°49'59	18°27	12°13	24°38	4° 8	4°42	0°18	12°11	11°33	11°10	15°30	16°55	16°42	n.a.	F 23
S 24	19 22 26	18°48'08	0♍26	12°30	24°59	3°54	4°49	0°25	12°15	11°35	11°12	15°26	16°52	16°48	n.a.	S 24
S 25	19 26 23	19°46'18	12°17	12°41	25°18	3°39	4°57	0°33	12°19	11°36	11°13	15°D25	16°49	16°55	n.a.	S 25
M26	19 30 19	20°44'30	24° 4	12°47	25°36	3°23	5° 4	0°40	12°23	11°37	11°15	15°25	16°46	17° 2	n.a.	M26
T 27	19 34 16	21°42'43	5♎51	12°R47	25°52	3° 8	5°12	0°48	12°26	11°38	11°17	15°26	16°43	17° 8	n.a.	T 27
W28	19 38 12	22°40'59	17°45	12°41	26° 5	2°52	5°19	0°55	12°30	11°39	11°18	15°R27	16°39	17°15	n.a.	W28
T 29	19 42 9	23°39'15	29°50	12°29	26°17	2°35	5°27	1° 2	12°34	11°40	11°20	15°27	16°36	17°22	n.a.	T 29
F 30	19 46 5	24°37'34	12♏11	12°10	26°27	2°18	5°35	1°10	12°37	11°41	11°22	15°25	16°33	17°28	n.a.	F 30
S 31	19 50 2	25♋35'54	24♏53	11♌45	26♌34	2♒ 1	5♎43	1♌17	12♋41	11♉41	11♍24	15♓22	16♓30	17♍35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n48	11s16	2s49	22n37	0n30	17n18	0s27	24s23	5s37	0n 3	1n15	22n20	1n23	23n55	0n31	13n47	1s41	23n20	17n 3	4s51	4s47	6n37		n.a.	T 1
F 2	23 49	16 34	3 39	22 15	0 21	16 57	0 35	24 26	5 40	0 2	1 15	22 18	1 23	23 54	0 31	13 48	1 41	23 19	17 3	4 53	4 48	6 33		n.a.	F 2
S 3	23 50	21 19	4 19	21 53	0 13	16 36	0 43	24 29	5 44	0s 0	1 15	22 17	1 23	23 54	0 31	13 48	1 41	23 18	17 2	4 56	4 50	6 30		n.a.	S 3
S 4	23 51	25 10	4 47	21 30	0 4	16 15	0 51	24 33	5 48	0 2	1 14	22 16	1 23	23 54	0 31	13 49	1 41	23 17	17 1	4 59	4 51	6 27		n.a.	S 4
M 5	23 51	27 46	5 1	21 6	0s 5	15 54	0 59	24 36	5 51	0 4	1 14	22 14	1 23	23 53	0 31	13 49	1 41	23 16	17 1	5 4	4 52	6 23		n.a.	M 5
T 6	23 50	28 46	4 57	20 42	0 14	15 33	1 8	24 40	5 55	0 6	1 14	22 13	1 23	23 53	0 31	13 50	1 41	23 15	17 0	5 8	4 53	6 20		n.a.	T 6
W 7	23 49	27 55	4 35	20 18	0 24	15 12	1 16	24 44	5 58	0 8	1 13	22 11	1 23	23 53	0 31	13 50	1 41	23 14	17 0	5 12	4 55	6 16		n.a.	W 7
T 8	23 48	25 15	3 56	19 53	0 34	14 51	1 25	24 48	6 1	0 11	1 13	22 10	1 23	23 52	0 31	13 51	1 41	23 13	16 59	5 16	4 56	6 13		n.a.	T 8
F 9	23 46	20 58	3 2	19 29	0 44	14 29	1 34	24 52	6 5	0 13	1 13	22 8	1 23	23 52	0 31	13 51	1 41	23 13	16 59	5 19	4 57	6 9		n.a.	F 9
S 10	23 44	15 26	1 55	19 4	0 54	14 8	1 43	24 56	6 8	0 15	1 13	22 7	1 23	23 52	0 31	13 52	1 42	23 12	16 58	5 20	4 59	6 6		n.a.	S 10
S 11	23 42	9 5	0 42	18 39	1 4	13 47	1 53	25 1	6 11	0 18	1 12	22 6	1 23	23 51	0 31	13 52	1 42	23 11	16 58	5 21	5 0	6 3		n.a.	S 11
M12	23 39	2 18	0n34	18 14	1 15	13 26	2 2	25 5	6 14	0 20	1 12	22 4	1 23	23 51	0 31	13 52	1 42	23 10	16 57	5 21	5 1	5 59		n.a.	M12
T 13	23 35	4n30	1 47	17 50	1 25	13 5	2 12	25 10	6 17	0 23	1 12	22 3	1 23	23 51	0 31	13 53	1 42	23 9	16 57	5 21	5 2	5 56		n.a.	T 13
W14	23 31	11 2	2 52	17 26	1 36	12 44	2 22	25 14	6 19	0 25	1 11	22 1	1 23	23 51	0 31	13 53	1 42	23 8	16 56	5 21	5 4	5 52		n.a.	W14
T 15	23 27	16 56	3 47	17 2	1 47	12 24	2 32	25 19	6 22	0 28	1 11	22 0	1 23	23 50	0 31	13 54	1 42	23 7	16 56	5 22	5 5	5 49		n.a.	T 15
F 16	23 22	21 56	4 29	16 39	1 57	12 3	2 42	25 24	6 25	0 30	1 11	21 58	1 23	23 50	0 31	13 54	1 42	23 6	16 55	5 24	5 6	5 45		n.a.	F 16
S 17	23 17	25 43	4 54	16 16	2 8	11 43	2 53	25 29	6 27	0 33	1 11	21 57	1 24	23 50	0 31	13 54	1 42	23 5	16 55	5 27	5 7	5 42		n.a.	S 17
S 18	23 12	28 3	5 3	15 54	2 19	11 23	3 3	25 34	6 29	0 36	1 10	21 55	1 24	23 49	0 31	13 55	1 42	23 4	16 54	5 31	5 9	5 39		n.a.	S 18
M19	23 6	28 47	4 57	15 33	2 30	11 3	3 14	25 39	6 31	0 39	1 10	21 54	1 24	23 49	0 31	13 55	1 42	23 2	16 54	5 35	5 10	5 35		n.a.	M19
T 20	22 59	27 55	4 35	15 14	2 40	10 43	3 25	25 44	6 33	0 42	1 10	21 52	1 24	23 49	0 31	13 55	1 42	23 1	16 53	5 39	5 11	5 32		n.a.	T 20
W21	22 53	25 37	4 0	14 55	2 51	10 24	3 36	25 49	6 35	0 45	1 10	21 50	1 24	23 48	0 31	13 56	1 42	23 0	16 53	5 43	5 12	5 28		n.a.	W21
T 22	22 46	22 8	3 14	14 38	3 1	10 5	3 48	25 54	6 37	0 48	1 9	21 49	1 24	23 48	0 31	13 56	1 42	22 59	16 52	5 46	5 14	5 25		n.a.	T 22
F 23	22 38	17 46	2 19	14 22	3 11	9 47	3 59	25 59	6 38	0 51	1 9	21 47	1 24	23 48	0 31	13 56	1 42	22 58	16 52	5 49	5 15	5 21		n.a.	F 23
S 24	22 30	12 45	1 20	14 8	3 20	9 29	4 11	26 4	6 39	0 54	1 9	21 46	1 24	23 47	0 31	13 57	1 42	22 57	16 52	5 50	5 16	5 18		n.a.	S 24
S 25	22 22	7 20	0 17	13 56	3 30	9 11	4 23	26 8	6 41	0 57	1 8	21 44	1 24	23 47	0 31	13 57	1 42	22 56	16 51	5 50	5 17	5 15		n.a.	S 25
M26	22 13	1 41	0s46	13 46	3 38	8 54	4 34	26 13	6 41	1 0	1 8	21 43	1 24	23 46	0 31	13 57	1 42	22 55	16 51	5 50	5 19	5 11		n.a.	M26
T 27	22 4	4s 1	1 48	13 39	3 46	8 37	4 46	26 18	6 42	1 4	1 8	21 41	1 24	23 46	0 31	13 57	1 42	22 54	16 50	5 50	5 20	5 8		n.a.	T 27
W28	21 54	9 37	2 45	13 33	3 54	8 21	4 58	26 22	6 43	1 7	1 8	21 39	1 24	23 46	0 31	13 58	1 42	22 53	16 50	5 50	5 21	5 4		n.a.	W28
T 29	21 44	14 58	3 36	13 31	4 0	8 6	5 11	26 26	6 43	1 10	1 7	21 38	1 24	23 45	0 31	13 58	1 42	22 52	16 49	5 50	5 22	5 1		n.a.	T 29
F 30	21 34	19 50	4 18	13 31	4 5	7 51	5 23	26 31	6 43	1 14	1 7	21 36	1 24	23 45	0 31	13 58	1 42	22 51	16 49	5 50	5 24	4 57		n.a.	F 30
S 31	21n23	23s58	4s49	13n34	4s 9	7n38	5s35	26s35	6s43	1s17	1n 7	21n35	1n24	23n45	0n31	13n58	1s42	22n50	16n49	5s52	5s25	4n54		n.a.	S 31

Julian Day Number = 1271251.5, Delta T = 08h16m56s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'11, Lahiri = -20°58'10 Julian Calendar 1 July 1233 BCE == Greg. Calendar 20 June 1233 BCE

The year -1232 astronomical counting style corresponds to year 1233 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1233 BCE
geocentric

AUGUST 1233 BCE (-1232) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 53 59	26♋34'16	7♐59	11°R13	26♌39	1°R44	5♎52	1♌24	12♋45	11♉42	11♍26	15°R16	16♓27	17♍42	n.a.	S 1
M 2	19 57 55	27°32'40	21°32	10♌35	26°42	1♒27	6° 0	1°32	12°48	11°43	11°28	15♓ 9	16°24	17°48	n.a.	M 2
T 3	20 1 52	28°31'06	5♑30	9°51	26°R43	1°10	6° 8	1°39	12°52	11°44	11°29	15° 2	16°20	17°55	n.a.	T 3
W 4	20 5 48	29°29'34	19°51	9° 1	26°41	0°53	6°17	1°47	12°56	11°45	11°31	14°54	16°17	18° 1	n.a.	W 4
T 5	20 9 45	0♌28'04	4♒29	8° 7	26°37	0°35	6°26	1°54	12°59	11°45	11°33	14°48	16°14	18° 8	n.a.	T 5
F 6	20 13 41	1°26'35	19°16	7° 9	26°30	0°18	6°34	2° 2	13° 3	11°46	11°35	14°44	16°11	18°15	n.a.	F 6
S 7	20 17 38	2°25'09	4♓ 6	6° 8	26°22	0° 1	6°43	2° 9	13° 7	11°47	11°37	14°42	16° 8	18°21	n.a.	S 7
S 8	20 21 34	3°23'45	18°51	5° 5	26°10	29♑44	6°52	2°16	13°10	11°48	11°39	14°D42	16° 5	18°28	n.a.	S 8
M 9	20 25 31	4°22'23	3♈25	4° 2	25°57	29°27	7° 2	2°24	13°14	11°48	11°41	14°42	16° 1	18°35	n.a.	M 9
T 10	20 29 28	5°21'04	17°44	3° 0	25°41	29°11	7°11	2°31	13°17	11°49	11°43	14°44	15°58	18°41	n.a.	T 10
W11	20 33 24	6°19'47	1♉47	2° 2	25°22	28°55	7°20	2°39	13°21	11°49	11°45	14°R45	15°55	18°48	n.a.	W11
T 12	20 37 21	7°18'33	15°32	1° 7	25° 2	28°39	7°30	2°46	13°24	11°50	11°47	14°45	15°52	18°55	n.a.	T 12
F 13	20 41 17	8°17'21	29° 0	0°18	24°39	28°23	7°39	2°53	13°28	11°50	11°49	14°43	15°49	19° 1	n.a.	F 13
S 14	20 45 14	9°16'12	12♊13	29♋37	24°15	28° 8	7°49	3° 1	13°31	11°51	11°52	14°39	15°45	19° 8	n.a.	S 14
S 15	20 49 10	10°15'05	25°11	29° 3	23°48	27°54	7°59	3° 8	13°35	11°51	11°54	14°35	15°42	19°15	n.a.	S 15
M16	20 53 7	11°14'00	7♋55	28°38	23°20	27°39	8° 9	3°16	13°38	11°51	11°56	14°29	15°39	19°21	n.a.	M16
T 17	20 57 3	12°12'58	20°27	28°23	22°50	27°26	8°19	3°23	13°42	11°52	11°58	14°23	15°36	19°28	n.a.	T 17
W18	21 1 0	13°11'57	2♌47	28°D18	22°18	27°13	8°29	3°30	13°45	11°52	12° 0	14°18	15°33	19°35	n.a.	W18
T 19	21 4 57	14°11'00	14°56	28°23	21°45	27° 0	8°39	3°38	13°49	11°52	12° 2	14°14	15°30	19°41	n.a.	T 19
F 20	21 8 53	15°10'04	26°56	28°38	21°11	26°48	8°50	3°45	13°52	11°53	12° 5	14°11	15°26	19°48	n.a.	F 20
S 21	21 12 50	16° 9'10	8♍49	29° 2	20°36	26°37	9° 0	3°52	13°55	11°53	12° 7	14°D 9	15°23	19°54	n.a.	S 21
S 22	21 16 46	17° 8'18	20°37	29°37	20° 0	26°27	9°11	4° 0	13°59	11°53	12° 9	14°10	15°20	20° 1	n.a.	S 22
M23	21 20 43	18° 7'29	2♎24	0♌20	19°24	26°17	9°21	4° 7	14° 2	11°53	12°11	14°11	15°17	20° 8	n.a.	M23
T 24	21 24 39	19° 6'41	14°11	1°12	18°47	26° 8	9°32	4°14	14° 5	11°53	12°14	14°12	15°14	20°14	n.a.	T 24
W25	21 28 36	20° 5'55	26° 4	2°11	18°11	26° 0	9°43	4°22	14° 8	11°53	12°16	14°14	15°11	20°21	n.a.	W25
T 26	21 32 32	21° 5'12	8♏ 8	3°17	17°34	25°52	9°53	4°29	14°12	11°53	12°18	14°15	15° 7	20°28	n.a.	T 26
F 27	21 36 29	22° 4'30	20°26	4°30	16°58	25°45	10° 4	4°36	14°15	11°R53	12°20	14°R16	15° 4	20°34	n.a.	F 27
S 28	21 40 25	23° 3'51	3♐ 4	5°48	16°23	25°39	10°15	4°43	14°18	11°53	12°23	14°16	15° 1	20°41	n.a.	S 28
S 29	21 44 22	24° 3'13	16° 6	7°11	15°49	25°34	10°27	4°50	14°21	11°53	12°25	14°14	14°58	20°48	n.a.	S 29
M30	21 48 19	25° 2'37	29°34	8°39	15°16	25°30	10°38	4°57	14°24	11°53	12°27	14°12	14°55	20°54	n.a.	M30
T 31	21 52 15	26♌ 2'03	13♑30	10♌ 9	14♌44	25♑26	10♎49	5♌ 5	14♋27	11♉53	12♍30	14♓10	14♓51	21♍ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n12	27s 2	5s 6	13n40	4s12	7n24	5s47	26s38	6s43	1s21	1n 7	21n33	1n24	23n44	0n31	13n59	1s42	22n49	16n48	5s54	5s26	4n50		n.a.
M 2	21 0	28 40	5 6	13 49	4 14	7 12	5 59	26 42	6 42	1 24	1 6	21 31	1 24	23 44	0 31	13 59	1 43	22 47	16 48	5 57	5 27	4 47		n.a.
T 3	20 48	28 32	4 49	14 1	4 13	7 0	6 11	26 45	6 42	1 28	1 6	21 30	1 24	23 44	0 31	13 59	1 43	22 46	16 47	6 0	5 29	4 44		n.a.
W 4	20 36	26 31	4 13	14 16	4 11	6 50	6 23	26 49	6 41	1 32	1 6	21 28	1 24	23 43	0 31	13 59	1 43	22 45	16 47	6 3	5 30	4 40		n.a.
T 5	20 23	22 42	3 20	14 34	4 7	6 40	6 35	26 52	6 40	1 35	1 6	21 26	1 24	23 43	0 31	13 59	1 43	22 44	16 47	6 5	5 31	4 37		n.a.
F 6	20 10	17 24	2 13	14 55	4 1	6 31	6 47	26 54	6 39	1 39	1 5	21 25	1 24	23 43	0 31	14 0	1 43	22 43	16 46	6 7	5 32	4 33		n.a.
S 7	19 57	11 3	0 57	15 18	3 53	6 23	6 58	26 57	6 37	1 43	1 5	21 23	1 25	23 42	0 31	14 0	1 43	22 42	16 46	6 7	5 34	4 30		n.a.
S 8	19 43	4 8	0n23	15 43	3 43	6 17	7 9	26 59	6 36	1 47	1 5	21 22	1 25	23 42	0 31	14 0	1 43	22 41	16 46	6 8	5 35	4 26		n.a.
M 9	19 29	2n54	1 40	16 10	3 31	6 11	7 20	27 1	6 34	1 51	1 5	21 20	1 25	23 42	0 31	14 0	1 43	22 40	16 45	6 7	5 36	4 23		n.a.
T 10	19 15	9 41	2 50	16 37	3 17	6 7	7 31	27 3	6 32	1 55	1 5	21 18	1 25	23 41	0 31	14 0	1 43	22 39	16 45	6 7	5 37	4 19		n.a.
W11	19 0	15 51	3 48	17 6	3 2	6 3	7 41	27 4	6 30	1 59	1 4	21 17	1 25	23 41	0 31	14 0	1 43	22 37	16 45	6 6	5 39	4 16		n.a.
T 12	18 45	21 6	4 32	17 34	2 45	6 1	7 50	27 6	6 28	2 3	1 4	21 15	1 25	23 41	0 32	14 0	1 43	22 36	16 44	6 6	5 40	4 12		n.a.
F 13	18 30	25 9	5 0	18 2	2 27	6 0	7 59	27 7	6 25	2 7	1 4	21 13	1 25	23 40	0 32	14 1	1 43	22 35	16 44	6 7	5 41	4 9		n.a.
S 14	18 14	27 47	5 11	18 29	2 8	6 0	8 8	27 7	6 23	2 11	1 4	21 12	1 25	23 40	0 32	14 1	1 43	22 34	16 44	6 8	5 42	4 6		n.a.
S 15	17 58	28 51	5 6	18 55	1 49	6 1	8 16	27 8	6 20	2 15	1 3	21 10	1 25	23 40	0 32	14 1	1 43	22 33	16 43	6 10	5 44	4 2		n.a.
M16	17 42	28 22	4 46	19 19	1 30	6 3	8 23	27 8	6 17	2 19	1 3	21 8	1 25	23 39	0 32	14 1	1 43	22 32	16 43	6 13	5 45	3 59		n.a.
T 17	17 25	26 25	4 12	19 41	1 10	6 7	8 30	27 8	6 14	2 23	1 3	21 7	1 25	23 39	0 32	14 1	1 43	22 31	16 43	6 15	5 46	3 55		n.a.
W18	17 8	23 14	3 27	20 1	0 51	6 12	8 35	27 7	6 11	2 28	1 3	21 5	1 25	23 39	0 32	14 1	1 43	22 30	16 42	6 17	5 47	3 52		n.a.
T 19	16 51	19 4	2 33	20 18	0 33	6 17	8 40	27 7	6 8	2 32	1 3	21 3	1 26	23 38	0 32	14 1	1 43	22 28	16 42	6 19	5 49	3 48		n.a.
F 20	16 34	14 12	1 33	20 32	0 15	6 24	8 44	27 6	6 4	2 36	1 2	21 2	1 26	23 38	0 32	14 1	1 43	22 27	16 42	6 20	5 50	3 45		n.a.
S 21	16 16	8 51	0 29	20 43	0n 1	6 32	8 47	27 5	6 1	2 41	1 2	21 0	1 26	23 38	0 32	14 1	1 44	22 26	16 42	6 20	5 51	3 41		n.a.
S 22	15 58	3 14	0s36	20 51	0 17	6 41	8 49	27 3	5 57	2 45	1 2	20 58	1 26	23 37	0 32	14 1	1 44	22 25	16 41	6 20	5 52	3 38		n.a.
M23	15 39	2s28	1 39	20 56	0 32	6 51	8 51	27 1	5 53	2 49	1 2	20 57	1 26	23 37	0 32	14 1	1 44	22 24	16 41	6 20	5 54	3 34		n.a.
T 24	15 21	8 6	2 38	20 58	0 45	7 2	8 51	26 59	5 49	2 54	1 2	20 55	1 26	23 37	0 32	14 1	1 44	22 23	16 41	6 19	5 55	3 31		n.a.
W25	15 2	13 30	3 31	20 56	0 57	7 14	8 50	26 57	5 46	2 58	1 1	20 53	1 26	23 36	0 32	14 1	1 44	22 22	16 41	6 18	5 56	3 28		n.a.
T 26	14 43	18 28	4 15	20 51	1 8	7 26	8 49	26 55	5 42	3 3	1 1	20 52	1 26	23 36	0 32	14 1	1 44	22 21	16 41	6 18	5 57	3 24		n.a.
F 27	14 23	22 47	4 49	20 43	1 18	7 39	8 46	26 52	5 38	3 7	1 1	20 50	1 26	23 36	0 32	14 1	1 44	22 20	16 40	6 18	5 59	3 21		n.a.
S 28	14 4	26 11	5 10	20 32	1 26	7 53	8 43	26 49	5 33	3 12	1 1	20 48	1 26	23 35	0 32	14 1	1 44	22 19	16 40	6 18	6 0	3 17		n.a.
S 29	13 44	28 20	5 16	20 18	1 34	8 7	8 38	26 46	5 29	3 17	1 1	20 47	1 27	23 35	0 32	14 1	1 44	22 17	16 40	6 18	6 1	3 14		n.a.
M30	13 23	28 55	5 5	20 1	1 40	8 22	8 33	26 43	5 25	3 21	1 0	20 45	1 27	23 35	0 32	14 1	1 44	22 16	16 40	6 19	6 2	3 10		n.a.
T 31	13n 3	27s43	4s36	19n41	1n45	8n37	8s27	26s40	5s21	3s26	1n 0	20n43	1n27	23n34	0n32	14n 1	1s44	22n15	16n40	6s20	6s 4	3n 7		n.a.

Julian Day Number = 1271282.5, Delta T = 08h16m55s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'07, Lahiri = -20°58'06 Julian Calendar 1 Aug. 1233 BCE == Greg. Calendar 21 July 1233 BCE

The year -1232 astronomical counting style corresponds to year 1233 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1233 BCE
geocentric

SEPTEMBER 1233 BCE (-1232) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 56 12	27♌ 1'31	27♉53	11♌43	14°R14	25°R23	11♎ 0	5♌12	14♋30	11°R53	12♍32	14°R 7	14♓48	21♍ 8	n.a.	W 1
T 2	22 0 8	28° 1'01	12♒38	13°19	13♌46	25♉21	11°12	5°19	14°33	11♉53	12°35	14♓ 6	14°45	21°14	n.a.	T 2
F 3	22 4 5	29° 0'34	27°39	14°58	13°19	25°20	11°23	5°26	14°36	11°52	12°37	14° 4	14°42	21°21	n.a.	F 3
S 4	22 8 1	0♍ 0'08	12♓48	16°38	12°55	25°D20	11°35	5°33	14°39	11°52	12°39	14°D 4	14°39	21°28	n.a.	S 4
S 5	22 11 58	0°59'44	27°54	18°19	12°32	25°20	11°47	5°40	14°42	11°52	12°42	14° 4	14°36	21°34	n.a.	S 5
M 6	22 15 54	1°59'23	12♈50	20° 1	12°12	25°21	11°58	5°47	14°45	11°51	12°44	14° 5	14°32	21°41	n.a.	M 6
T 7	22 19 51	2°59'04	27°28	21°43	11°54	25°23	12°10	5°54	14°48	11°51	12°46	14° 6	14°29	21°47	n.a.	T 7
W 8	22 23 47	3°58'48	11♉44	23°27	11°39	25°26	12°22	6° 0	14°50	11°51	12°49	14° 7	14°26	21°54	n.a.	W 8
T 9	22 27 44	4°58'34	25°37	25°10	11°26	25°29	12°34	6° 7	14°53	11°50	12°51	14° 7	14°23	22° 1	n.a.	T 9
F 10	22 31 41	5°58'23	9♊ 5	26°54	11°15	25°34	12°46	6°14	14°56	11°50	12°54	14°R 7	14°20	22° 7	n.a.	F 10
S 11	22 35 37	6°58'14	22°12	28°37	11° 7	25°39	12°58	6°21	14°58	11°49	12°56	14° 7	14°17	22°14	n.a.	S 11
S 12	22 39 34	7°58'07	4♋59	0♍20	11° 1	25°44	13°10	6°27	15° 1	11°49	12°58	14° 6	14°13	22°21	n.a.	S 12
M13	22 43 30	8°58'03	17°29	2° 3	10°58	25°51	13°22	6°34	15° 4	11°48	13° 1	14° 6	14°10	22°27	n.a.	M13
T 14	22 47 27	9°58'01	29°46	3°46	10°D57	25°58	13°35	6°41	15° 6	11°48	13° 3	14° 5	14° 7	22°34	n.a.	T 14
W15	22 51 23	10°58'01	11♌52	5°28	10°59	26° 6	13°47	6°47	15° 9	11°47	13° 6	14° 5	14° 4	22°41	n.a.	W15
T 16	22 55 20	11°58'03	23°50	7°10	11° 3	26°15	13°59	6°54	15°11	11°46	13° 8	14° 4	14° 1	22°47	n.a.	T 16
F 17	22 59 16	12°58'08	5♍42	8°52	11° 9	26°24	14°12	7° 0	15°14	11°46	13°11	14° 4	13°57	22°54	n.a.	F 17
S 18	23 3 13	13°58'14	17°31	10°33	11°18	26°34	14°24	7° 7	15°16	11°45	13°13	14° 4	13°54	23° 1	n.a.	S 18
S 19	23 7 10	14°58'23	29°18	12°13	11°28	26°45	14°37	7°13	15°18	11°44	13°15	14° 4	13°51	23° 7	n.a.	S 19
M20	23 11 6	15°58'33	11♎ 6	13°53	11°41	26°56	14°50	7°20	15°21	11°43	13°18	14° 4	13°48	23°14	n.a.	M20
T 21	23 15 3	16°58'46	22°57	15°33	11°56	27° 8	15° 2	7°26	15°23	11°43	13°20	14° 4	13°45	23°21	n.a.	T 21
W22	23 18 59	17°59'00	4♏53	17°12	12°13	27°21	15°15	7°32	15°25	11°42	13°23	14° 3	13°42	23°27	n.a.	W22
T 23	23 22 56	18°59'16	17° 0	18°51	12°32	27°34	15°28	7°38	15°27	11°41	13°25	14° 3	13°38	23°34	n.a.	T 23
F 24	23 26 52	19°59'34	29°18	20°29	12°53	27°48	15°40	7°45	15°29	11°40	13°28	14° 2	13°35	23°40	n.a.	F 24
S 25	23 30 49	20°59'53	11♐54	22° 7	13°16	28° 3	15°53	7°51	15°31	11°39	13°30	14° 2	13°32	23°47	n.a.	S 25
S 26	23 34 45	22° 0'14	24°49	23°44	13°41	28°18	16° 6	7°57	15°33	11°38	13°32	14°D 2	13°29	23°54	n.a.	S 26
M27	23 38 42	23° 0'37	8♑ 8	25°21	14° 7	28°34	16°19	8° 3	15°35	11°37	13°35	14° 2	13°26	24° 0	n.a.	M27
T 28	23 42 39	24° 1'01	21°52	26°57	14°35	28°50	16°32	8° 9	15°37	11°36	13°37	14° 3	13°23	24° 7	n.a.	T 28
W29	23 46 35	25° 1'27	6♒ 3	28°33	15° 5	29° 7	16°45	8°14	15°39	11°35	13°40	14° 4	13°19	24°14	n.a.	W29
T 30	23 50 32	26♍ 1'54	20♒39	0♎ 8	15♌36	29♉24	16♎58	8♌20	15♋41	11♉34	13♍42	14♓ 5	13♓16	24♍20	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n43	24s40	3s49	19n18	1n49	8n52	8s20	26s36	5s17	3s30	1n 0	20n42	1n27	23n34	0n32	14n 0	1s44	22n14	16n40	6s21	6s 5	3n 3		n.a.
T 2	12 22	19 56	2 45	18 54	1 52	9 7	8 12	26 32	5 12	3 35	1 0	20 40	1 27	23 34	0 32	14 0	1 44	22 13	16 39	6 22	6 6	3 0		n.a.
F 3	12 1	13 53	1 30	18 26	1 54	9 22	8 4	26 28	5 8	3 40	1 0	20 38	1 27	23 34	0 32	14 0	1 44	22 12	16 39	6 22	6 7	2 56		n.a.
S 4	11 40	6 58	0 7	17 57	1 56	9 38	7 55	26 24	5 4	3 45	1 0	20 37	1 27	23 33	0 32	14 0	1 44	22 11	16 39	6 22	6 9	2 53		n.a.
S 5	11 18	0n19	1n16	17 26	1 56	9 53	7 45	26 20	4 59	3 49	0 59	20 35	1 27	23 33	0 32	14 0	1 44	22 10	16 39	6 22	6 10	2 49		n.a.
M 6	10 57	7 29	2 33	16 54	1 56	10 8	7 35	26 15	4 55	3 54	0 59	20 33	1 28	23 33	0 32	14 0	1 44	22 9	16 39	6 22	6 11	2 46		n.a.
T 7	10 35	14 8	3 38	16 19	1 56	10 23	7 25	26 11	4 51	3 59	0 59	20 32	1 28	23 32	0 32	14 0	1 44	22 8	16 39	6 22	6 12	2 42		n.a.
W 8	10 13	19 51	4 28	15 43	1 54	10 38	7 14	26 6	4 46	4 4	0 59	20 30	1 28	23 32	0 32	13 59	1 44	22 7	16 39	6 21	6 14	2 39		n.a.
T 9	9 51	24 21	5 1	15 6	1 52	10 53	7 3	26 1	4 42	4 9	0 59	20 29	1 28	23 32	0 32	13 59	1 44	22 6	16 39	6 21	6 15	2 36		n.a.
F 10	9 28	27 23	5 16	14 28	1 50	11 7	6 51	25 56	4 38	4 14	0 59	20 27	1 28	23 31	0 32	13 59	1 45	22 5	16 39	6 21	6 16	2 32		n.a.
S 11	9 6	28 50	5 14	13 49	1 47	11 20	6 39	25 50	4 33	4 19	0 58	20 25	1 28	23 31	0 32	13 59	1 45	22 4	16 38	6 21	6 17	2 29		n.a.
S 12	8 43	28 41	4 57	13 9	1 43	11 33	6 27	25 45	4 29	4 24	0 58	20 24	1 28	23 31	0 32	13 59	1 45	22 3	16 38	6 21	6 19	2 25		n.a.
M13	8 21	27 4	4 25	12 28	1 40	11 46	6 15	25 40	4 25	4 29	0 58	20 22	1 29	23 31	0 32	13 58	1 45	22 2	16 38	6 22	6 20	2 22		n.a.
T 14	7 58	24 9	3 42	11 46	1 36	11 58	6 2	25 34	4 20	4 34	0 58	20 21	1 29	23 30	0 32	13 58	1 45	22 1	16 38	6 22	6 21	2 18		n.a.
W15	7 35	20 14	2 50	11 4	1 31	12 10	5 50	25 28	4 16	4 39	0 58	20 19	1 29	23 30	0 32	13 58	1 45	22 0	16 38	6 22	6 22	2 15		n.a.
T 16	7 11	15 32	1 50	10 21	1 26	12 21	5 37	25 22	4 12	4 44	0 58	20 18	1 29	23 30	0 32	13 58	1 45	21 59	16 38	6 22	6 24	2 11		n.a.
F 17	6 48	10 17	0 46	9 38	1 21	12 31	5 25	25 16	4 8	4 49	0 57	20 16	1 29	23 30	0 32	13 57	1 45	21 58	16 38	6 22	6 25	2 8		n.a.
S 18	6 25	4 43	0s19	8 55	1 16	12 41	5 12	25 10	4 3	4 54	0 57	20 15	1 29	23 29	0 32	13 57	1 45	21 57	16 38	6 22	6 26	2 4		n.a.
S 19	6 1	0s59	1 24	8 11	1 11	12 50	5 0	25 4	3 59	4 59	0 57	20 13	1 29	23 29	0 33	13 57	1 45	21 56	16 38	6 22	6 27	2 1		n.a.
M20	5 37	6 40	2 25	7 26	1 5	12 58	4 47	24 58	3 55	5 4	0 57	20 12	1 30	23 29	0 33	13 57	1 45	21 55	16 38	6 22	6 29	1 57		n.a.
T 21	5 14	12 9	3 20	6 42	0 59	13 6	4 35	24 51	3 51	5 9	0 57	20 10	1 30	23 29	0 33	13 56	1 45	21 54	16 38	6 22	6 30	1 54		n.a.
W22	4 50	17 14	4 7	5 57	0 53	13 13	4 23	24 45	3 47	5 14	0 57	20 9	1 30	23 29	0 33	13 56	1 45	21 53	16 38	6 23	6 31	1 50		n.a.
T 23	4 26	21 42	4 43	5 13	0 47	13 19	4 11	24 38	3 43	5 19	0 57	20 7	1 30	23 28	0 33	13 56	1 45	21 52	16 38	6 23	6 32	1 47		n.a.
F 24	4 2	25 20	5 7	4 28	0 41	13 25	3 58	24 31	3 39	5 24	0 56	20 6	1 30	23 28	0 33	13 55	1 45	21 51	16 38	6 23	6 34	1 44		n.a.
S 25	3 38	27 50	5 17	3 43	0 35	13 30	3 46	24 25	3 35	5 29	0 56	20 4	1 30	23 28	0 33	13 55	1 45	21 50	16 38	6 23	6 35	1 40		n.a.
S 26	3 13	28 56	5 12	2 58	0 29	13 34	3 35	24 18	3 31	5 34	0 56	20 3	1 31	23 28	0 33	13 55	1 45	21 49	16 39	6 23	6 36	1 37		n.a.
M27	2 49	28 25	4 50	2 13	0 22	13 38	3 23	24 10	3 27	5 40	0 56	20 1	1 31	23 27	0 33	13 54	1 45	21 48	16 39	6 23	6 37	1 33		n.a.
T 28	2 25	26 10	4 11	1 28	0 16	13 41	3 12	24 3	3 23	5 45	0 56	20 0	1 31	23 27	0 33	13 54	1 45	21 47	16 39	6 23	6 38	1 30		n.a.
W29	2 1	22 14	3 16	0 44	0 9	13 43	3 0	23 56	3 20	5 50	0 56	19 59	1 31	23 27	0 33	13 54	1 45	21 47	16 39	6 22	6 40	1 26		n.a.
T 30	1n36	16s51	2s 6	0s 1	0n 3	13n44	2s49	23s49	3s16	5s55	0n56	19n57	1n31	23n27	0n33	13n53	1s45	21n46	16n39	6s22	6s41	1n23		n.a.

Julian Day Number = 1271313.5, Delta T = 08h16m53s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°05'02, Lahiri = -20°58'02 Julian Calendar 1 Sept. 1233 BCE == Greg. Calendar 21 Aug. 1233 BCE

The year -1232 astronomical counting style corresponds to year 1233 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1233 BCE
geocentric

OCTOBER 1233 BCE (-1232) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 54 28	27♍ 2'23	5♓36	1♎44	16♌ 9	29♑42	17♎11	8♌26	15♋43	11°R33	13♍44	14♓ 5	13♓13	24♍27	n.a.	F 1
S 2	23 58 25	28° 2'53	20°46	3°18	16°43	0♒ 1	17°24	8°32	15°45	11♉32	13°47	14°R 5	13°10	24°34	n.a.	S 2
S 3	0 2 21	29° 3'25	6♈ 2	4°53	17°19	0°20	17°37	8°37	15°46	11°31	13°49	14° 4	13° 7	24°40	n.a.	S 3
M 4	0 6 18	0♎ 3'59	21°11	6°27	17°55	0°39	17°51	8°43	15°48	11°29	13°51	14° 3	13° 3	24°47	n.a.	M 4
T 5	0 10 14	1° 4'35	6♉ 6	8° 1	18°34	0°59	18° 4	8°48	15°49	11°28	13°54	14° 1	13° 0	24°54	n.a.	T 5
W 6	0 14 11	2° 5'12	20°39	9°34	19°13	1°19	18°17	8°54	15°51	11°27	13°56	13°58	12°57	25° 0	n.a.	W 6
T 7	0 18 7	3° 5'52	4♊45	11° 8	19°54	1°40	18°30	8°59	15°52	11°26	13°58	13°56	12°54	25° 7	n.a.	T 7
F 8	0 22 4	4° 6'33	18°22	12°41	20°36	2° 1	18°44	9° 4	15°54	11°25	14° 1	13°54	12°51	25°14	n.a.	F 8
S 9	0 26 1	5° 7'16	1♋33	14°13	21°19	2°23	18°57	9°10	15°55	11°23	14° 3	13°D54	12°48	25°20	n.a.	S 9
S 10	0 29 57	6° 8'01	14°19	15°46	22° 3	2°45	19°10	9°15	15°57	11°22	14° 5	13°54	12°44	25°27	n.a.	S 10
M11	0 33 54	7° 8'48	26°44	17°18	22°49	3° 8	19°24	9°20	15°58	11°21	14° 8	13°55	12°41	25°33	n.a.	M11
T 12	0 37 50	8° 9'37	8♌54	18°50	23°35	3°31	19°37	9°25	15°59	11°19	14°10	13°57	12°38	25°40	n.a.	T 12
W13	0 41 47	9°10'27	20°52	20°22	24°22	3°54	19°51	9°30	16° 0	11°18	14°12	13°58	12°35	25°47	n.a.	W13
T 14	0 45 43	10°11'19	2♍43	21°53	25°10	4°18	20° 4	9°34	16° 1	11°16	14°14	14° 0	12°32	25°53	n.a.	T 14
F 15	0 49 40	11°12'12	14°30	23°25	25°59	4°42	20°18	9°39	16° 2	11°15	14°17	14°R 0	12°28	26° 0	n.a.	F 15
S 16	0 53 36	12°13'07	26°17	24°56	26°49	5° 6	20°31	9°44	16° 3	11°14	14°19	14° 0	12°25	26° 7	n.a.	S 16
S 17	0 57 33	13°14'04	8♎ 5	26°27	27°39	5°31	20°45	9°49	16° 4	11°12	14°21	13°57	12°22	26°13	n.a.	S 17
M18	1 1 30	14°15'01	19°58	27°57	28°31	5°56	20°58	9°53	16° 5	11°11	14°23	13°53	12°19	26°20	n.a.	M18
T 19	1 5 26	15°16'00	1♏58	29°27	29°23	6°22	21°12	9°57	16° 6	11° 9	14°25	13°48	12°16	26°27	n.a.	T 19
W20	1 9 23	16°17'00	14° 4	0♏57	0♍16	6°48	21°25	10° 2	16° 7	11° 8	14°28	13°42	12°13	26°33	n.a.	W20
T 21	1 13 19	17°18'01	26°20	2°27	1°10	7°14	21°39	10° 6	16° 7	11° 6	14°30	13°36	12° 9	26°40	n.a.	T 21
F 22	1 17 16	18°19'04	8♐47	3°56	2° 4	7°40	21°52	10°10	16° 8	11° 5	14°32	13°30	12° 6	26°47	n.a.	F 22
S 23	1 21 12	19°20'07	21°27	5°24	2°59	8° 7	22° 6	10°14	16° 9	11° 3	14°34	13°26	12° 3	26°53	n.a.	S 23
S 24	1 25 9	20°21'11	4♑22	6°53	3°55	8°34	22°19	10°18	16° 9	11° 2	14°36	13°23	12° 0	27° 0	n.a.	S 24
M25	1 29 5	21°22'16	17°35	8°20	4°51	9° 2	22°33	10°22	16°10	11° 0	14°38	13°D21	11°57	27° 7	n.a.	M25
T 26	1 33 2	22°23'21	1♒ 9	9°47	5°48	9°29	22°47	10°26	16°10	10°58	14°40	13°22	11°54	27°13	n.a.	T 26
W27	1 36 59	23°24'27	15° 4	11°13	6°45	9°57	23° 0	10°30	16°11	10°57	14°42	13°23	11°50	27°20	n.a.	W27
T 28	1 40 55	24°25'34	29°21	12°38	7°43	10°26	23°14	10°34	16°11	10°55	14°44	13°24	11°47	27°27	n.a.	T 28
F 29	1 44 52	25°26'42	13♓59	14° 1	8°41	10°54	23°27	10°37	16°11	10°54	14°46	13°R25	11°44	27°33	n.a.	F 29
S 30	1 48 48	26°27'50	28°53	15°24	9°40	11°23	23°41	10°41	16°11	10°52	14°48	13°24	11°41	27°40	n.a.	S 30
S 31	1 52 45	27♎28'58	13♈58	16♏45	10♍40	11♒52	23♎55	10♌44	16♋11	10♉50	14♍50	13♓21	11♓38	27♍46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n12	10s20	0s47	0s45	0s 4	13n45	2s38	23s41	3s12	6s 0	0n56	19n56	1n31	23n27	0n33	13n53	1s45	21n45	16n39	6s22	6s42	1n19		n.a.
S 2	0 47	3 9	0n37	1 30	0 10	13 45	2 27	23 33	3 9	6 6	0 55	19 54	1 32	23 27	0 33	13 53	1 45	21 44	16 39	6 22	6 43	1 16		n.a.
S 3	0 23	4n15	1 59	2 14	0 17	13 44	2 17	23 26	3 5	6 11	0 55	19 53	1 32	23 26	0 33	13 52	1 45	21 43	16 39	6 22	6 45	1 12		n.a.
M 4	0s 2	11 21	3 11	2 58	0 23	13 43	2 6	23 18	3 2	6 16	0 55	19 52	1 32	23 26	0 33	13 52	1 46	21 42	16 39	6 23	6 46	1 9		n.a.
T 5	0 26	17 42	4 10	3 41	0 30	13 41	1 56	23 10	2 58	6 21	0 55	19 51	1 32	23 26	0 33	13 51	1 46	21 42	16 40	6 24	6 47	1 5		n.a.
W 6	0 51	22 52	4 50	4 25	0 36	13 38	1 46	23 2	2 55	6 26	0 55	19 49	1 32	23 26	0 33	13 51	1 46	21 41	16 40	6 24	6 48	1 2		n.a.
T 7	1 15	26 33	5 12	5 8	0 43	13 34	1 36	22 54	2 51	6 32	0 55	19 48	1 33	23 26	0 33	13 51	1 46	21 40	16 40	6 25	6 50	0 58		n.a.
F 8	1 40	28 33	5 15	5 50	0 49	13 30	1 27	22 46	2 48	6 37	0 55	19 47	1 33	23 26	0 33	13 50	1 46	21 39	16 40	6 26	6 51	0 55		n.a.
S 9	2 4	28 51	5 1	6 33	0 55	13 25	1 17	22 37	2 44	6 42	0 55	19 46	1 33	23 26	0 33	13 50	1 46	21 38	16 40	6 26	6 52	0 51		n.a.
S 10	2 29	27 35	4 33	7 15	1 1	13 19	1 8	22 29	2 41	6 47	0 55	19 44	1 33	23 25	0 33	13 49	1 46	21 38	16 40	6 26	6 53	0 48		n.a.
M11	2 53	24 57	3 52	7 56	1 7	13 13	0 59	22 21	2 38	6 53	0 55	19 43	1 33	23 25	0 33	13 49	1 46	21 37	16 41	6 26	6 55	0 45		n.a.
T 12	3 17	21 15	3 2	8 37	1 13	13 6	0 50	22 12	2 35	6 58	0 54	19 42	1 34	23 25	0 33	13 48	1 46	21 36	16 41	6 25	6 56	0 41		n.a.
W13	3 42	16 44	2 4	9 18	1 19	12 58	0 42	22 3	2 31	7 3	0 54	19 41	1 34	23 25	0 33	13 48	1 46	21 36	16 41	6 24	6 57	0 38		n.a.
T 14	4 6	11 38	1 2	9 58	1 25	12 50	0 33	21 54	2 28	7 8	0 54	19 40	1 34	23 25	0 33	13 47	1 46	21 35	16 41	6 24	6 58	0 34		n.a.
F 15	4 30	6 10	0s 3	10 38	1 30	12 40	0 25	21 46	2 25	7 14	0 54	19 39	1 34	23 25	0 33	13 47	1 46	21 34	16 42	6 24	7 0	0 31		n.a.
S 16	4 54	0 29	1 7	11 17	1 36	12 31	0 17	21 36	2 22	7 19	0 54	19 38	1 34	23 25	0 33	13 47	1 46	21 34	16 42	6 24	7 1	0 27		n.a.
S 17	5 19	5s13	2 8	11 56	1 41	12 20	0 10	21 27	2 19	7 24	0 54	19 36	1 35	23 25	0 34	13 46	1 46	21 33	16 42	6 25	7 2	0 24		n.a.
M18	5 43	10 46	3 4	12 34	1 46	12 9	0 2	21 18	2 16	7 29	0 54	19 35	1 35	23 25	0 34	13 46	1 46	21 32	16 42	6 26	7 3	0 20		n.a.
T 19	6 7	15 59	3 53	13 11	1 50	11 58	0n 5	21 9	2 13	7 35	0 54	19 34	1 35	23 25	0 34	13 45	1 46	21 32	16 43	6 28	7 4	0 17		n.a.
W20	6 30	20 38	4 31	13 47	1 55	11 46	0 13	20 59	2 10	7 40	0 54	19 33	1 35	23 25	0 34	13 45	1 46	21 31	16 43	6 31	7 6	0 13		n.a.
T 21	6 54	24 28	4 57	14 23	1 59	11 33	0 20	20 50	2 8	7 45	0 54	19 32	1 35	23 25	0 34	13 44	1 46	21 30	16 43	6 33	7 7	0 10		n.a.
F 22	7 18	27 15	5 10	14 58	2 3	11 19	0 26	20 40	2 5	7 50	0 54	19 32	1 36	23 24	0 34	13 44	1 46	21 30	16 43	6 35	7 8	0 6		n.a.
S 23	7 41	28 41	5 8	15 32	2 7	11 6	0 33	20 30	2 2	7 55	0 53	19 31	1 36	23 24	0 34	13 43	1 46	21 29	16 44	6 37	7 9	0 3		n.a.
S 24	8 5	28 37	4 51	16 5	2 10	10 51	0 39	20 20	1 59	8 1	0 53	19 30	1 36	23 24	0 34	13 43	1 46	21 29	16 44	6 38	7 11	0s 1		n.a.
M25	8 28	26 55	4 18	16 37	2 13	10 36	0 46	20 10	1 57	8 6	0 53	19 29	1 36	23 24	0 34	13 42	1 46	21 28	16 44	6 39	7 12	0 4		n.a.
T 26	8 51	23 39	3 30	17 8	2 16	10 20	0 52	20 0	1 54	8 11	0 53	19 28	1 37	23 24	0 34	13 42	1 46	21 28	16 45	6 39	7 13	0 7		n.a.
W27	9 14	18 57	2 28	17 37	2 18	10 4	0 57	19 50	1 51	8 16	0 53	19 27	1 37	23 24	0 34	13 41	1 46	21 27	16 45	6 38	7 14	0 11		n.a.
T 28	9 37	13 4	1 16	18 6	2 19	9 47	1 3	19 40	1 49	8 21	0 53	19 26	1 37	23 24	0 34	13 41	1 46	21 27	16 45	6 38	7 16	0 14		n.a.
F 29	10 0	6 22	0n 3	18 33	2 21	9 30	1 9	19 29	1 46	8 26	0 53	19 26	1 37	23 24	0 34	13 40	1 46	21 26	16 46	6 38	7 17	0 18		n.a.
S 30	10 23	0n49	1 23	18 59	2 21	9 13	1 14	19 19	1 44	8 32	0 53	19 25	1 38	23 24	0 34	13 40	1 46	21 26	16 46	6 38	7 18	0 21		n.a.
S 31	10s45	8n 1	2n38	19s23	2s22	8n54	1n19	19s 8	1s41	8s37	0n53	19n24	1n38	23n24	0n34	13n39	1s46	21n25	16n47	6s39	7s19	0s25		n.a.

Julian Day Number = 1271343.5, Delta T = 08h16m51s
Ecliptic obliquity = 23°50'37, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'58, Lahiri = -20°57'58 Julian Calendar 1 Oct. 1233 BCE == Greg. Calendar 20 Sept. 1233 BCE

The year -1232 astronomical counting style corresponds to year 1233 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1233 BCE
geocentric

NOVEMBER 1233 BCE (-1232) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 56 41	28♎30'08	29♈ 4	18♏ 4	11♍40	12♒21	24♎ 8	10♌47	16♋12	10°R49	14♍52	13°R16	11♓34	27♍53	n.a.	M 1
T 2	2 0 38	29°31'18	14♉ 1	19°21	12°40	12°51	24°22	10°50	16°R12	10♉47	14°54	13♓ 9	11°31	28° 0	n.a.	T 2
W 3	2 4 35	0♏32'29	28°41	20°36	13°41	13°20	24°35	10°54	16°12	10°45	14°56	13° 1	11°28	28° 6	n.a.	W 3
T 4	2 8 31	1°33'41	12♊56	21°48	14°42	13°50	24°49	10°57	16°11	10°44	14°58	12°53	11°25	28°13	n.a.	T 4
F 5	2 12 28	2°34'54	26°44	22°56	15°44	14°20	25° 2	10°59	16°11	10°42	14°59	12°46	11°22	28°20	n.a.	F 5
S 6	2 16 24	3°36'08	10♋ 2	24° 1	16°46	14°51	25°16	11° 2	16°11	10°40	15° 1	12°41	11°19	28°26	n.a.	S 6
S 7	2 20 21	4°37'22	22°53	25° 1	17°49	15°21	25°29	11° 5	16°11	10°39	15° 3	12°38	11°15	28°33	n.a.	S 7
M 8	2 24 17	5°38'38	5♌21	25°57	18°51	15°52	25°43	11° 8	16°11	10°37	15° 5	12°D38	11°12	28°40	n.a.	M 8
T 9	2 28 14	6°39'54	17°31	26°46	19°55	16°23	25°56	11°10	16°10	10°35	15° 6	12°38	11° 9	28°46	n.a.	T 9
W10	2 32 10	7°41'11	29°27	27°29	20°58	16°54	26°10	11°12	16°10	10°33	15° 8	12°39	11° 6	28°53	n.a.	W10
T 11	2 36 7	8°42'28	11♍16	28° 5	22° 2	17°25	26°23	11°15	16° 9	10°32	15°10	12°R40	11° 3	29° 0	n.a.	T 11
F 12	2 40 4	9°43'46	23° 2	28°32	23° 6	17°57	26°37	11°17	16° 9	10°30	15°11	12°39	11° 0	29° 6	n.a.	F 12
S 13	2 44 0	10°45'04	4♎49	28°50	24°11	18°28	26°50	11°19	16° 8	10°28	15°13	12°36	10°56	29°13	n.a.	S 13
S 14	2 47 57	11°46'23	16°42	28°R58	25°16	19° 0	27° 4	11°21	16° 8	10°27	15°15	12°31	10°53	29°20	n.a.	S 14
M15	2 51 53	12°47'42	28°42	28°55	26°21	19°32	27°17	11°23	16° 7	10°25	15°16	12°23	10°50	29°26	n.a.	M15
T 16	2 55 50	13°49'02	10♏53	28°41	27°27	20° 4	27°30	11°25	16° 6	10°23	15°18	12°13	10°47	29°33	n.a.	T 16
W17	2 59 46	14°50'22	23°14	28°15	28°32	20°37	27°44	11°26	16° 5	10°21	15°19	12° 1	10°44	29°40	n.a.	W17
T 18	3 3 43	15°51'42	5♐46	27°38	29°38	21° 9	27°57	11°28	16° 4	10°20	15°21	11°48	10°40	29°46	n.a.	T 18
F 19	3 7 40	16°53'02	18°30	26°48	0♎44	21°42	28°10	11°29	16° 4	10°18	15°22	11°36	10°37	29°53	n.a.	F 19
S 20	3 11 36	17°54'22	1♑25	25°49	1°51	22°14	28°24	11°31	16° 3	10°16	15°23	11°26	10°34	29°59	n.a.	S 20
S 21	3 15 33	18°55'41	14°32	24°41	2°58	22°47	28°37	11°32	16° 2	10°15	15°25	11°19	10°31	0♎ 6	n.a.	S 21
M22	3 19 29	19°57'01	27°51	23°26	4° 5	23°20	28°50	11°33	16° 1	10°13	15°26	11°14	10°28	0°13	n.a.	M22
T 23	3 23 26	20°58'20	11♒23	22° 6	5°12	23°54	29° 3	11°34	15°59	10°11	15°27	11°12	10°25	0°20	n.a.	T 23
W24	3 27 22	21°59'38	25°10	20°45	6°19	24°27	29°16	11°35	15°58	10°10	15°29	11°D12	10°21	0°26	n.a.	W24
T 25	3 31 19	23° 0'56	9♓11	19°25	7°27	25° 0	29°29	11°36	15°57	10° 8	15°30	11°R12	10°18	0°33	n.a.	T 25
F 26	3 35 15	24° 2'14	23°28	18° 8	8°34	25°34	29°42	11°37	15°56	10° 6	15°31	11°11	10°15	0°39	n.a.	F 26
S 27	3 39 12	25° 3'31	7♈58	16°56	9°42	26° 8	29°55	11°37	15°54	10° 5	15°32	11° 9	10°12	0°46	n.a.	S 27
S 28	3 43 9	26° 4'47	22°39	15°52	10°50	26°41	0♏ 8	11°38	15°53	10° 3	15°33	11° 4	10° 9	0°53	n.a.	S 28
M29	3 47 5	27° 6'03	7♉23	14°57	11°59	27°15	0°21	11°38	15°52	10° 1	15°35	10°56	10° 5	0°59	n.a.	M29
T 30	3 51 2	28♏ 7'18	22♉ 4	14♏11	13♎ 7	27♒49	0♏34	11♌38	15♋50	10♉ 0	15♍36	10♓45	10♓ 2	1♎ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11 s 7	14n46	3n42	19 s45	2 s21	8n36	1n24	18 s58	1 s39	8 s42	0n53	19n23	1n38	23n24	0n34	13n38	1 s46	21n25	16n47	6 s41	7 s20	0 s28		n.a.
T 2	11 29	20 35	4 29	20 6	2 20	8 17	1 29	18 47	1 37	8 47	0 53	19 23	1 38	23 24	0 34	13 38	1 46	21 24	16 47	6 44	7 22	0 32		n.a.
W 3	11 51	25 3	4 58	20 25	2 18	7 57	1 33	18 36	1 34	8 52	0 53	19 22	1 38	23 25	0 34	13 37	1 46	21 24	16 48	6 47	7 23	0 35		n.a.
T 4	12 13	27 49	5 8	20 42	2 15	7 37	1 38	18 25	1 32	8 57	0 53	19 22	1 39	23 25	0 34	13 37	1 46	21 24	16 48	6 50	7 24	0 39		n.a.
F 5	12 34	28 47	4 59	20 56	2 12	7 17	1 42	18 14	1 30	9 2	0 53	19 21	1 39	23 25	0 34	13 36	1 46	21 23	16 48	6 53	7 25	0 42		n.a.
S 6	12 56	28 0	4 34	21 9	2 7	6 56	1 46	18 3	1 27	9 7	0 52	19 20	1 39	23 25	0 34	13 36	1 46	21 23	16 49	6 55	7 27	0 46		n.a.
S 7	13 17	25 44	3 55	21 19	2 2	6 35	1 50	17 51	1 25	9 12	0 52	19 20	1 39	23 25	0 34	13 35	1 46	21 23	16 49	6 56	7 28	0 49		n.a.
M 8	13 37	22 16	3 7	21 26	1 55	6 13	1 53	17 40	1 23	9 17	0 52	19 19	1 40	23 25	0 34	13 35	1 46	21 22	16 50	6 56	7 29	0 52		n.a.
T 9	13 58	17 55	2 11	21 30	1 47	5 51	1 57	17 28	1 21	9 22	0 52	19 19	1 40	23 25	0 34	13 34	1 46	21 22	16 50	6 56	7 30	0 56		n.a.
W10	14 18	12 57	1 10	21 32	1 38	5 28	2 0	17 17	1 19	9 27	0 52	19 18	1 40	23 25	0 34	13 34	1 46	21 22	16 51	6 55	7 31	0 59		n.a.
T 11	14 39	7 35	0 8	21 30	1 28	5 6	2 3	17 5	1 16	9 32	0 52	19 18	1 40	23 25	0 35	13 33	1 46	21 22	16 51	6 55	7 33	1 3		n.a.
F 12	14 58	1 58	0 s55	21 25	1 17	4 43	2 7	16 53	1 14	9 37	0 52	19 18	1 41	23 25	0 35	13 33	1 46	21 21	16 51	6 55	7 34	1 6		n.a.
S 13	15 18	3 s43	1 56	21 16	1 3	4 19	2 9	16 41	1 12	9 42	0 52	19 17	1 41	23 25	0 35	13 32	1 46	21 21	16 52	6 56	7 35	1 10		n.a.
S 14	15 37	9 18	2 52	21 4	0 49	3 56	2 12	16 29	1 10	9 47	0 52	19 17	1 41	23 25	0 35	13 32	1 46	21 21	16 52	6 59	7 36	1 13		n.a.
M15	15 56	14 37	3 40	20 48	0 33	3 32	2 15	16 17	1 8	9 52	0 52	19 17	1 41	23 26	0 35	13 31	1 46	21 21	16 53	7 2	7 38	1 17		n.a.
T 16	16 15	19 26	4 19	20 28	0 16	3 7	2 17	16 5	1 6	9 57	0 52	19 16	1 42	23 26	0 35	13 30	1 46	21 20	16 53	7 6	7 39	1 20		n.a.
W17	16 34	23 31	4 47	20 4	0n 2	2 43	2 19	15 53	1 4	10 2	0 52	19 16	1 42	23 26	0 35	13 30	1 46	21 20	16 54	7 10	7 40	1 24		n.a.
T 18	16 52	26 34	5 1	19 37	0 22	2 18	2 21	15 40	1 2	10 7	0 52	19 16	1 42	23 26	0 35	13 29	1 46	21 20	16 54	7 15	7 41	1 27		n.a.
F 19	17 10	28 19	5 0	19 6	0 42	1 53	2 23	15 28	1 1	10 12	0 52	19 16	1 42	23 26	0 35	13 29	1 46	21 20	16 55	7 20	7 43	1 30		n.a.
S 20	17 27	28 35	4 45	18 32	1 2	1 28	2 25	15 15	0 59	10 17	0 52	19 16	1 43	23 26	0 35	13 28	1 46	21 20	16 55	7 24	7 44	1 34		n.a.
S 21	17 45	27 14	4 14	17 56	1 22	1 3	2 27	15 3	0 57	10 21	0 52	19 16	1 43	23 26	0 35	13 28	1 46	21 20	16 56	7 27	7 45	1 37		n.a.
M22	18 2	24 21	3 29	17 19	1 41	0 37	2 28	14 50	0 55	10 26	0 52	19 15	1 43	23 27	0 35	13 27	1 46	21 20	16 56	7 28	7 46	1 41		n.a.
T 23	18 18	20 4	2 31	16 41	2 0	0 11	2 30	14 37	0 53	10 31	0 52	19 15	1 43	23 27	0 35	13 27	1 46	21 20	16 57	7 29	7 47	1 44		n.a.
W24	18 34	14 40	1 24	16 3	2 16	0 s15	2 31	14 24	0 51	10 36	0 52	19 15	1 44	23 27	0 35	13 26	1 46	21 20	16 57	7 29	7 49	1 48		n.a.
T 25	18 50	8 25	0 11	15 27	2 31	0 41	2 32	14 11	0 50	10 40	0 52	19 15	1 44	23 27	0 35	13 26	1 46	21 20	16 58	7 29	7 50	1 51		n.a.
F 26	19 6	1 39	1n 5	14 54	2 44	1 7	2 33	13 58	0 48	10 45	0 52	19 15	1 44	23 27	0 35	13 25	1 46	21 20	16 58	7 29	7 51	1 55		n.a.
S 27	19 21	5n18	2 17	14 23	2 55	1 33	2 34	13 45	0 46	10 50	0 52	19 16	1 44	23 27	0 35	13 25	1 46	21 20	16 59	7 30	7 52	1 58		n.a.
S 28	19 36	12 3	3 21	13 57	3 3	2 0	2 34	13 31	0 45	10 54	0 52	19 16	1 45	23 28	0 35	13 24	1 46	21 20	16 59	7 32	7 53	2 2		n.a.
M29	19 50	18 9	4 11	13 36	3 8	2 26	2 35	13 18	0 43	10 59	0 52	19 16	1 45	23 28	0 35	13 24	1 46	21 20	17 0	7 35	7 55	2 5		n.a.
T 30	20 s 5	23n10	4n45	13 s19	3n12	2 s53	2n35	13 s 5	0 s41	11 s 4	0n52	19n16	1n45	23n28	0n35	13n23	1 s46	21n20	17n 0	7 s40	7 s56	2 s 8		n.a.

Julian Day Number = 1271374.5, Delta T = 08h16m50s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'54, Lahiri = -20°57'54 Julian Calendar 1 Nov. 1233 BCE == Greg. Calendar 21 Oct. 1233 BCE

The year -1232 astronomical counting style corresponds to year 1233 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1233 BCE
geocentric

DECEMBER 1233 BCE (-1232) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 54 58	29♏ 8'33	6♊33	13°R36	14♎16	28♒24	0♏47	11♌39	15°R49	9°R58	15♍37	10°R33	9♓59	1♎13	n.a.	W 1
T 2	3 58 55	0♐ 9'48	20°44	13♏10	15°25	28°58	1° 0	11°R39	15♋47	9♉57	15°38	10♓21	9°56	1°19	n.a.	T 2
F 3	4 2 51	1°11'02	4♋32	12°54	16°34	29°32	1°12	11°39	15°46	9°55	15°39	10°10	9°53	1°26	n.a.	F 3
S 4	4 6 48	2°12'16	17°53	12°D47	17°43	0♓ 7	1°25	11°38	15°44	9°54	15°40	10° 1	9°50	1°33	n.a.	S 4
S 5	4 10 45	3°13'30	0♌49	12°49	18°52	0°41	1°37	11°38	15°42	9°52	15°41	9°54	9°46	1°39	n.a.	S 5
M 6	4 14 41	4°14'43	13°21	12°59	20° 2	1°16	1°50	11°38	15°41	9°50	15°41	9°51	9°43	1°46	n.a.	M 6
T 7	4 18 38	5°15'56	25°33	13°17	21°11	1°50	2° 3	11°37	15°39	9°49	15°42	9°49	9°40	1°53	n.a.	T 7
W 8	4 22 34	6°17'08	7♍32	13°42	22°21	2°25	2°15	11°37	15°37	9°47	15°43	9°49	9°37	1°59	n.a.	W 8
T 9	4 26 31	7°18'20	19°22	14°13	23°31	3° 0	2°27	11°36	15°35	9°46	15°44	9°49	9°34	2° 6	n.a.	T 9
F 10	4 30 27	8°19'31	1♎ 9	14°49	24°41	3°35	2°40	11°35	15°33	9°45	15°45	9°48	9°31	2°13	n.a.	F 10
S 11	4 34 24	9°20'42	12°58	15°31	25°51	4°10	2°52	11°34	15°31	9°43	15°45	9°44	9°27	2°19	n.a.	S 11
S 12	4 38 20	10°21'52	24°54	16°17	27° 1	4°45	3° 4	11°33	15°29	9°42	15°46	9°38	9°24	2°26	n.a.	S 12
M13	4 42 17	11°23'01	7♏ 1	17° 7	28°11	5°20	3°16	11°32	15°27	9°40	15°47	9°29	9°21	2°33	n.a.	M13
T 14	4 46 14	12°24'10	19°22	18° 1	29°22	5°56	3°28	11°31	15°25	9°39	15°47	9°17	9°18	2°39	n.a.	T 14
W15	4 50 10	13°25'18	1♐58	18°58	0♏32	6°31	3°40	11°30	15°23	9°37	15°48	9° 4	9°15	2°46	n.a.	W15
T 16	4 54 7	14°26'25	14°49	19°59	1°43	7° 6	3°52	11°28	15°21	9°36	15°48	8°50	9°11	2°53	n.a.	T 16
F 17	4 58 3	15°27'31	27°54	21° 2	2°53	7°42	4° 4	11°27	15°19	9°35	15°49	8°36	9° 8	2°59	n.a.	F 17
S 18	5 2 0	16°28'35	11♑12	22° 7	4° 4	8°17	4°16	11°25	15°17	9°34	15°49	8°24	9° 5	3° 6	n.a.	S 18
S 19	5 5 56	17°29'39	24°41	23°15	5°15	8°53	4°28	11°23	15°15	9°32	15°50	8°15	9° 2	3°13	n.a.	S 19
M20	5 9 53	18°30'41	8♒19	24°25	6°26	9°29	4°39	11°21	15°12	9°31	15°50	8°10	8°59	3°19	n.a.	M20
T 21	5 13 50	19°31'42	22° 5	25°37	7°37	10° 5	4°51	11°20	15°10	9°30	15°50	8° 7	8°56	3°26	n.a.	T 21
W22	5 17 46	20°32'41	5♓57	26°50	8°48	10°40	5° 2	11°17	15° 8	9°29	15°51	8°D 6	8°52	3°33	n.a.	W22
T 23	5 21 43	21°33'39	19°57	28° 6	9°59	11°16	5°14	11°15	15° 6	9°27	15°51	8°R 6	8°49	3°39	n.a.	T 23
F 24	5 25 39	22°34'35	4♈ 2	29°22	11°11	11°52	5°25	11°13	15° 3	9°26	15°51	8° 6	8°46	3°46	n.a.	F 24
S 25	5 29 36	23°35'30	18°14	0♐40	12°22	12°28	5°36	11°11	15° 1	9°25	15°51	8° 4	8°43	3°53	n.a.	S 25
S 26	5 33 32	24°36'22	2♉29	2° 0	13°33	13° 4	5°47	11° 8	14°58	9°24	15°51	7°59	8°40	3°59	n.a.	S 26
M27	5 37 29	25°37'14	16°46	3°21	14°45	13°40	5°58	11° 6	14°56	9°23	15°51	7°51	8°37	4° 6	n.a.	M27
T 28	5 41 25	26°38'03	0♊59	4°42	15°56	14°16	6° 9	11° 3	14°54	9°22	15°52	7°41	8°33	4°13	n.a.	T 28
W29	5 45 22	27°38'52	15° 3	6° 5	17° 8	14°53	6°20	11° 1	14°51	9°21	15°52	7°30	8°30	4°19	n.a.	W29
T 30	5 49 19	28°39'38	28°54	7°29	18°19	15°29	6°31	10°58	14°49	9°20	15°R52	7°18	8°27	4°26	n.a.	T 30
F 31	5 53 15	29♐40'24	12♋28	8♐55	19♏31	16♓ 5	6♏42	10♌55	14♋46	9♉19	15♍52	7♓ 8	8♓24	4♎33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s18	26n41	5n 0	13s 7	3n14	3s20	2n36	12s51	0s40	11s 8	0n52	19n16	1n45	23n28	0n35	13n23	1s46	21n20	17n 1	7s44	7s57	2s12		n.a.
T 2	20 32	28 26	4 56	12 59	3 13	3 47	2 36	12 38	0 38	11 13	0 52	19 16	1 46	23 29	0 35	13 22	1 46	21 20	17 2	7 49	7 58	2 15		n.a.
F 3	20 45	28 20	4 34	12 56	3 12	4 13	2 36	12 24	0 37	11 17	0 52	19 17	1 46	23 29	0 35	13 22	1 46	21 20	17 2	7 53	8 0	2 19		n.a.
S 4	20 57	26 34	3 58	12 57	3 8	4 40	2 36	12 10	0 35	11 22	0 52	19 17	1 46	23 29	0 35	13 21	1 46	21 20	17 3	7 57	8 1	2 22		n.a.
S 5	21 9	23 25	3 11	13 2	3 4	5 7	2 36	11 56	0 34	11 26	0 52	19 17	1 46	23 29	0 35	13 21	1 46	21 20	17 3	7 59	8 2	2 26		n.a.
M 6	21 21	19 15	2 15	13 10	2 59	5 34	2 35	11 42	0 32	11 30	0 52	19 18	1 47	23 29	0 35	13 21	1 46	21 20	17 4	8 0	8 3	2 29		n.a.
T 7	21 32	14 23	1 15	13 21	2 53	6 1	2 35	11 29	0 31	11 35	0 52	19 18	1 47	23 30	0 35	13 20	1 46	21 20	17 4	8 1	8 4	2 33		n.a.
W 8	21 43	9 5	0 12	13 35	2 46	6 28	2 34	11 14	0 29	11 39	0 52	19 18	1 47	23 30	0 35	13 20	1 46	21 21	17 5	8 1	8 6	2 36		n.a.
T 9	21 54	3 31	0s50	13 51	2 38	6 54	2 34	11 0	0 28	11 43	0 52	19 19	1 47	23 30	0 35	13 19	1 46	21 21	17 5	8 1	8 7	2 39		n.a.
F 10	22 4	2s 9	1 50	14 10	2 30	7 21	2 33	10 46	0 26	11 48	0 52	19 19	1 48	23 30	0 36	13 19	1 45	21 21	17 6	8 2	8 8	2 43		n.a.
S 11	22 14	7 44	2 46	14 30	2 22	7 48	2 32	10 32	0 25	11 52	0 52	19 20	1 48	23 31	0 36	13 18	1 45	21 21	17 7	8 3	8 9	2 46		n.a.
S 12	22 23	13 7	3 34	14 51	2 14	8 14	2 31	10 18	0 24	11 56	0 52	19 20	1 48	23 31	0 36	13 18	1 45	21 22	17 7	8 5	8 11	2 50		n.a.
M13	22 31	18 4	4 14	15 14	2 5	8 41	2 30	10 3	0 22	12 0	0 52	19 21	1 49	23 31	0 36	13 17	1 45	21 22	17 8	8 9	8 12	2 53		n.a.
T 14	22 40	22 23	4 42	15 38	1 56	9 7	2 29	9 49	0 21	12 5	0 52	19 21	1 49	23 31	0 36	13 17	1 45	21 22	17 8	8 13	8 13	2 57		n.a.
W15	22 48	25 45	4 58	16 2	1 47	9 33	2 27	9 34	0 20	12 9	0 52	19 22	1 49	23 32	0 36	13 17	1 45	21 22	17 9	8 18	8 14	3 0		n.a.
T 16	22 55	27 54	4 58	16 27	1 38	9 59	2 26	9 20	0 18	12 13	0 52	19 23	1 49	23 32	0 36	13 16	1 45	21 23	17 9	8 24	8 15	3 3		n.a.
F 17	23 2	28 33	4 43	16 53	1 29	10 25	2 24	9 5	0 17	12 17	0 52	19 23	1 49	23 32	0 36	13 16	1 45	21 23	17 10	8 29	8 17	3 7		n.a.
S 18	23 9	27 34	4 13	17 19	1 20	10 51	2 23	8 51	0 16	12 21	0 52	19 24	1 50	23 33	0 36	13 16	1 45	21 23	17 11	8 33	8 18	3 10		n.a.
S 19	23 15	24 57	3 28	17 45	1 12	11 17	2 21	8 36	0 15	12 25	0 52	19 25	1 50	23 33	0 36	13 15	1 45	21 24	17 11	8 37	8 19	3 14		n.a.
M20	23 20	20 55	2 31	18 11	1 3	11 42	2 20	8 21	0 13	12 29	0 52	19 26	1 50	23 33	0 36	13 15	1 45	21 24	17 12	8 39	8 20	3 17		n.a.
T 21	23 25	15 42	1 24	18 37	0 54	12 7	2 18	8 6	0 12	12 33	0 52	19 26	1 50	23 33	0 36	13 14	1 45	21 25	17 12	8 40	8 21	3 21		n.a.
W22	23 30	9 39	0 11	19 3	0 45	12 32	2 16	7 51	0 11	12 37	0 52	19 27	1 51	23 34	0 36	13 14	1 45	21 25	17 13	8 40	8 23	3 24		n.a.
T 23	23 34	3 6	1n 2	19 29	0 36	12 57	2 14	7 36	0 10	12 41	0 52	19 28	1 51	23 34	0 36	13 14	1 45	21 25	17 13	8 40	8 24	3 27		n.a.
F 24	23 38	3n39	2 13	19 54	0 28	13 21	2 12	7 21	0 8	12 44	0 52	19 29	1 51	23 34	0 36	13 13	1 45	21 26	17 14	8 40	8 25	3 31		n.a.
S 25	23 41	10 16	3 16	20 19	0 19	13 45	2 10	7 6	0 7	12 48	0 52	19 30	1 51	23 35	0 36	13 13	1 45	21 26	17 15	8 41	8 26	3 34		n.a.
S 26	23 44	16 23	4 6	20 44	0 11	14 9	2 8	6 51	0 6	12 52	0 52	19 31	1 52	23 35	0 36	13 13	1 45	21 27	17 15	8 43	8 27	3 38		n.a.
M27	23 46	21 37	4 42	21 8	0 3	14 32	2 5	6 36	0 5	12 56	0 52	19 31	1 52	23 35	0 36	13 13	1 45	21 27	17 16	8 46	8 29	3 41		n.a.
T 28	23 48	25 35	5 0	21 31	0s 5	14 56	2 3	6 21	0 4	12 59	0 52	19 32	1 52	23 35	0 36	13 12	1 45	21 28	17 16	8 50	8 30	3 45		n.a.
W29	23 49	27 56	4 59	21 54	0 13	15 18	2 1	6 6	0 3	13 3	0 52	19 33	1 52	23 36	0 36	13 12	1 45	21 28	17 17	8 54	8 31	3 48		n.a.
T 30	23 50	28 31	4 41	22 15	0 20	15 41	1 58	5 51	0 2	13 6	0 52	19 34	1 53	23 36	0 36	13 12	1 45	21 29	17 17	8 58	8 32	3 51		n.a.
F 31	23s51	27n21	4n 7	22s37	0s27	16s 3	1n56	5s35	0s 1	13s10	0n52	19n35	1n53	23n36	0n36	13n11	1s44	21n29	17n18	9s 2	8s34	3s55		n.a.

Julian Day Number = 1271404.5, Delta T = 08h16m48s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'50, Lahiri = -20°57'49 Julian Calendar 1 Dec. 1233 BCE == Greg. Calendar 20 Nov. 1233 BCE

The year -1232 astronomical counting style corresponds to year 1233 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1232 BCE
geocentric

JANUARY 1232 BCE (-1231) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 57 12	0♉41'07	25♋40	10♐21	20♏43	16♓41	6♏52	10°R52	14°R44	9°R18	15°R52	6°R59	8♓21	4♎39	n.a.	S 1
S 2	6 1 8	1°41'50	8♌32	11°48	21°55	17°18	7° 3	10♌49	14♋41	9♉17	15♍51	6♓52	8°18	4°46	n.a.	S 2
M 3	6 5 5	2°42'30	21° 3	13°16	23° 7	17°54	7°13	10°46	14°39	9°16	15°51	6°49	8°14	4°53	n.a.	M 3
T 4	6 9 1	3°43'10	3♍17	14°45	24°18	18°30	7°24	10°43	14°36	9°15	15°51	6°D47	8°11	4°59	n.a.	T 4
W 5	6 12 58	4°43'48	15°17	16°15	25°30	19° 7	7°34	10°39	14°33	9°14	15°51	6°48	8° 8	5° 6	n.a.	W 5
T 6	6 16 55	5°44'24	27° 9	17°45	26°42	19°43	7°44	10°36	14°31	9°14	15°51	6°48	8° 5	5°13	n.a.	T 6
F 7	6 20 51	6°44'59	8♎58	19°17	27°55	20°20	7°54	10°33	14°28	9°13	15°50	6°R49	8° 2	5°19	n.a.	F 7
S 8	6 24 48	7°45'33	20°49	20°50	29° 7	20°57	8° 4	10°29	14°26	9°12	15°50	6°48	7°58	5°26	n.a.	S 8
S 9	6 28 44	8°46'05	2♏47	22°23	0♐19	21°33	8°14	10°25	14°23	9°11	15°50	6°44	7°55	5°33	n.a.	S 9
M10	6 32 41	9°46'36	14°57	23°58	1°31	22°10	8°23	10°22	14°20	9°11	15°49	6°39	7°52	5°39	n.a.	M10
T 11	6 36 37	10°47'05	27°24	25°33	2°43	22°46	8°33	10°18	14°18	9°10	15°49	6°31	7°49	5°46	n.a.	T 11
W12	6 40 34	11°47'32	10♐ 9	27° 9	3°55	23°23	8°42	10°14	14°15	9° 9	15°49	6°22	7°46	5°52	n.a.	W12
T 13	6 44 30	12°47'58	23°13	28°46	5° 8	24° 0	8°52	10°11	14°13	9° 9	15°48	6°12	7°43	5°59	n.a.	T 13
F 14	6 48 27	13°48'23	6♑37	0♑25	6°20	24°37	9° 1	10° 7	14°10	9° 8	15°48	6° 3	7°39	6° 6	n.a.	F 14
S 15	6 52 24	14°48'45	20°18	2° 4	7°32	25°13	9°10	10° 3	14° 7	9° 8	15°47	5°55	7°36	6°12	n.a.	S 15
S 16	6 56 20	15°49'05	4♒13	3°44	8°45	25°50	9°19	9°59	14° 5	9° 7	15°46	5°48	7°33	6°19	n.a.	S 16
M17	7 0 17	16°49'24	18°18	5°25	9°57	26°27	9°28	9°55	14° 2	9° 7	15°46	5°45	7°30	6°26	n.a.	M17
T 18	7 4 13	17°49'40	2♓28	7° 7	11° 9	27° 4	9°37	9°50	13°59	9° 6	15°45	5°D43	7°27	6°32	n.a.	T 18
W19	7 8 10	18°49'54	16°41	8°50	12°22	27°41	9°45	9°46	13°57	9° 6	15°44	5°44	7°23	6°39	n.a.	W19
T 20	7 12 6	19°50'06	0♈53	10°34	13°34	28°18	9°54	9°42	13°54	9° 6	15°44	5°45	7°20	6°46	n.a.	T 20
F 21	7 16 3	20°50'15	15° 3	12°19	14°47	28°55	10° 2	9°38	13°52	9° 5	15°43	5°R46	7°17	6°52	n.a.	F 21
S 22	7 19 59	21°50'22	29° 9	14° 5	15°59	29°32	10°10	9°33	13°49	9° 5	15°42	5°46	7°14	6°59	n.a.	S 22
S 23	7 23 56	22°50'27	13♉11	15°52	17°12	0♈ 9	10°18	9°29	13°46	9° 5	15°41	5°44	7°11	7° 6	n.a.	S 23
M24	7 27 53	23°50'30	27° 5	17°40	18°24	0°46	10°26	9°25	13°44	9° 5	15°41	5°40	7° 8	7°12	n.a.	M24
T 25	7 31 49	24°50'30	10♊52	19°30	19°37	1°23	10°34	9°20	13°41	9° 4	15°40	5°35	7° 4	7°19	n.a.	T 25
W26	7 35 46	25°50'28	24°28	21°20	20°50	2° 0	10°42	9°16	13°39	9° 4	15°39	5°28	7° 1	7°26	n.a.	W26
T 27	7 39 42	26°50'24	7♋52	23°12	22° 2	2°37	10°49	9°11	13°36	9° 4	15°38	5°21	6°58	7°32	n.a.	T 27
F 28	7 43 39	27°50'18	21° 2	25° 4	23°15	3°14	10°57	9° 7	13°34	9° 4	15°37	5°15	6°55	7°39	n.a.	F 28
S 29	7 47 35	28°50'09	3♌56	26°58	24°27	3°51	11° 4	9° 2	13°31	9° 4	15°36	5°10	6°52	7°46	n.a.	S 29
S 30	7 51 32	29°49'58	16°34	28°52	25°40	4°28	11°11	8°58	13°29	9°D 4	15°35	5° 7	6°49	7°52	n.a.	S 30
M31	7 55 28	0♒49'46	28♌58	0♒48	26♐53	5♈ 5	11♏18	8♌53	13♋26	9♉ 4	15♍34	5♓ 5	6♓45	7♎59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	24n39	3n20	22s57	0s35	16s25	1n53	5s20	0n 0	13s13	0n52	19n36	1n53	23n37	0n36	13n11	1s44	21n30	17n19	9s 6	8s35	3s58		n.a.
S 2	23 50	20 45	2 25	23 16	0 42	16 47	1 50	5 5	0 1	13 17	0 52	19 38	1 53	23 37	0 36	13 11	1 44	21 30	17 19	9 8	8 36	4 2		n.a.
M 3	23 49	16 2	1 23	23 34	0 48	17 8	1 48	4 49	0 2	13 20	0 52	19 39	1 53	23 37	0 36	13 11	1 44	21 31	17 20	9 9	8 37	4 5		n.a.
T 4	23 47	10 46	0 19	23 52	0 55	17 28	1 45	4 34	0 3	13 24	0 52	19 40	1 54	23 38	0 36	13 11	1 44	21 31	17 20	9 10	8 38	4 8		n.a.
W 5	23 45	5 12	0s45	24 8	1 1	17 48	1 42	4 19	0 4	13 27	0 52	19 41	1 54	23 38	0 36	13 10	1 44	21 32	17 21	9 10	8 40	4 12		n.a.
T 6	23 43	0s29	1 47	24 23	1 7	18 8	1 39	4 3	0 5	13 30	0 52	19 42	1 54	23 38	0 36	13 10	1 44	21 33	17 21	9 10	8 41	4 15		n.a.
F 7	23 40	6 6	2 43	24 37	1 13	18 28	1 37	3 48	0 6	13 34	0 52	19 43	1 54	23 38	0 36	13 10	1 44	21 33	17 22	9 10	8 42	4 19		n.a.
S 8	23 37	11 32	3 33	24 49	1 18	18 46	1 34	3 32	0 7	13 37	0 52	19 44	1 54	23 39	0 36	13 10	1 44	21 34	17 22	9 10	8 43	4 22		n.a.
S 9	23 33	16 36	4 14	25 1	1 23	19 5	1 31	3 17	0 8	13 40	0 52	19 45	1 55	23 39	0 36	13 10	1 44	21 34	17 23	9 11	8 44	4 25		n.a.
M10	23 29	21 7	4 44	25 10	1 28	19 23	1 28	3 1	0 9	13 43	0 52	19 47	1 55	23 39	0 36	13 9	1 44	21 35	17 24	9 13	8 46	4 29		n.a.
T 11	23 24	24 48	5 2	25 19	1 33	19 40	1 25	2 46	0 10	13 46	0 52	19 48	1 55	23 40	0 36	13 9	1 44	21 36	17 24	9 16	8 47	4 32		n.a.
W12	23 19	27 22	5 5	25 26	1 37	19 57	1 22	2 30	0 11	13 49	0 52	19 49	1 55	23 40	0 36	13 9	1 44	21 36	17 25	9 19	8 48	4 36		n.a.
T 13	23 13	28 32	4 52	25 32	1 41	20 14	1 19	2 14	0 12	13 52	0 52	19 50	1 55	23 40	0 36	13 9	1 44	21 37	17 25	9 23	8 49	4 39		n.a.
F 14	23 7	28 4	4 24	25 36	1 45	20 29	1 16	1 59	0 13	13 55	0 52	19 52	1 55	23 41	0 36	13 9	1 44	21 38	17 26	9 27	8 50	4 43		n.a.
S 15	23 0	25 53	3 39	25 38	1 48	20 45	1 12	1 43	0 14	13 58	0 52	19 53	1 56	23 41	0 36	13 9	1 44	21 39	17 26	9 30	8 52	4 46		n.a.
S 16	22 53	22 8	2 41	25 39	1 51	20 59	1 9	1 28	0 15	14 1	0 52	19 54	1 56	23 41	0 36	13 9	1 44	21 39	17 27	9 32	8 53	4 49		n.a.
M17	22 46	17 4	1 33	25 38	1 54	21 14	1 6	1 12	0 15	14 4	0 52	19 55	1 56	23 41	0 36	13 9	1 43	21 40	17 27	9 34	8 54	4 53		n.a.
T 18	22 38	11 3	0 18	25 35	1 56	21 27	1 3	0 56	0 16	14 6	0 52	19 57	1 56	23 42	0 36	13 8	1 43	21 41	17 28	9 34	8 55	4 56		n.a.
W19	22 30	4 27	0n59	25 30	1 58	21 40	1 0	0 41	0 17	14 9	0 52	19 58	1 56	23 42	0 36	13 8	1 43	21 41	17 28	9 34	8 56	4 59		n.a.
T 20	22 21	2n22	2 12	25 24	2 0	21 53	0 57	0 25	0 18	14 12	0 52	19 59	1 56	23 42	0 36	13 8	1 43	21 42	17 29	9 33	8 58	5 3		n.a.
F 21	22 12	9 2	3 16	25 16	2 1	22 4	0 54	0 9	0 19	14 14	0 53	20 1	1 57	23 43	0 36	13 8	1 43	21 43	17 29	9 33	8 59	5 6		n.a.
S 22	22 2	15 13	4 9	25 6	2 1	22 16	0 50	0n 6	0 20	14 17	0 53	20 2	1 57	23 43	0 36	13 8	1 43	21 44	17 30	9 33	9 0	5 10		n.a.
S 23	21 52	20 35	4 46	24 53	2 1	22 26	0 47	0 22	0 20	14 20	0 53	20 3	1 57	23 43	0 36	13 8	1 43	21 44	17 30	9 34	9 1	5 13		n.a.
M24	21 42	24 47	5 6	24 39	2 1	22 36	0 44	0 38	0 21	14 22	0 53	20 5	1 57	23 43	0 36	13 8	1 43	21 45	17 31	9 35	9 2	5 16		n.a.
T 25	21 31	27 32	5 8	24 23	2 0	22 45	0 41	0 54	0 22	14 25	0 53	20 6	1 57	23 44	0 36	13 8	1 43	21 46	17 31	9 37	9 4	5 20		n.a.
W26	21 20	28 36	4 53	24 5	1 59	22 54	0 37	1 9	0 23	14 27	0 53	20 7	1 57	23 44	0 36	13 8	1 43	21 47	17 32	9 40	9 5	5 23		n.a.
T 27	21 9	27 57	4 21	23 44	1 57	23 2	0 34	1 25	0 23	14 29	0 53	20 9	1 57	23 44	0 36	13 8	1 43	21 47	17 32	9 42	9 6	5 27		n.a.
F 28	20 57	25 44	3 37	23 22	1 55	23 9	0 31	1 40	0 24	14 32	0 53	20 10	1 58	23 44	0 36	13 8	1 43	21 48	17 33	9 45	9 7	5 30		n.a.
S 29	20 44	22 13	2 42	22 57	1 52	23 16	0 28	1 56	0 25	14 34	0 53	20 11	1 58	23 45	0 36	13 8	1 43	21 49	17 33	9 46	9 8	5 33		n.a.
S 30	20 32	17 43	1 39	22 30	1 49	23 22	0 25	2 12	0 26	14 36	0 53	20 13	1 58	23 45	0 36	13 8	1 43	21 50	17 33	9 48	9 10	5 37		n.a.
M31	20s19	12n33	0n33	22s 1	1s45	23s27	0n21	2n27	0n26	14s38	0n53	20n14	1n58	23n45	0n36	13n 9	1s43	21n51	17n34	9s48	9s11	5s40		n.a.

Julian Day Number = 1271435.5, Delta T = 08h16m46s
Ecliptic obliquity = 23°50'35, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'46, Lahiri = -20°57'45 Julian Calendar 1 Jan. 1232 BCE == Greg. Calendar 21 Dec. 1233 BCE

The year -1231 astronomical counting style corresponds to year 1232 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1232 BCE
geocentric

FEBRUARY 1232 BCE (-1231) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 59 25	1♒49'31	11♍ 8	2♒44	28♐ 5	5♈42	11♏25	8°R48	13°R24	9♉ 4	15°R33	5°D 5	6♓42	8♎ 6	n.a.	T 1
W 2	8 3 21	2°49'14	23° 7	4°41	29°18	6°19	11°32	8♌44	13♋21	9° 4	15♍32	5♓ 6	6°39	8°12	n.a.	W 2
T 3	8 7 18	3°48'55	4♎59	6°39	0♑31	6°57	11°38	8°39	13°19	9° 4	15°31	5° 8	6°36	8°19	n.a.	T 3
F 4	8 11 15	4°48'34	16°48	8°38	1°44	7°34	11°45	8°34	13°16	9° 5	15°29	5°10	6°33	8°26	n.a.	F 4
S 5	8 15 11	5°48'12	28°40	10°37	2°56	8°11	11°51	8°30	13°14	9° 5	15°28	5°11	6°29	8°32	n.a.	S 5
S 6	8 19 8	6°47'47	10♏38	12°36	4° 9	8°48	11°57	8°25	13°12	9° 5	15°27	5°R11	6°26	8°39	n.a.	S 6
M 7	8 23 4	7°47'21	22°48	14°36	5°22	9°25	12° 3	8°20	13° 9	9° 5	15°26	5°10	6°23	8°46	n.a.	M 7
T 8	8 27 1	8°46'53	5♐15	16°36	6°35	10° 2	12° 9	8°16	13° 7	9° 6	15°25	5° 8	6°20	8°52	n.a.	T 8
W 9	8 30 57	9°46'23	18° 2	18°35	7°47	10°40	12°14	8°11	13° 5	9° 6	15°23	5° 5	6°17	8°59	n.a.	W 9
T 10	8 34 54	10°45'51	1♑11	20°33	9° 0	11°17	12°20	8° 6	13° 3	9° 6	15°22	5° 1	6°14	9° 6	n.a.	T 10
F 11	8 38 50	11°45'17	14°44	22°31	10°13	11°54	12°25	8° 1	13° 0	9° 7	15°21	4°57	6°10	9°13	n.a.	F 11
S 12	8 42 47	12°44'41	28°40	24°27	11°26	12°31	12°30	7°57	12°58	9° 7	15°19	4°54	6° 7	9°19	n.a.	S 12
S 13	8 46 44	13°44'03	12♒54	26°21	12°39	13° 9	12°35	7°52	12°56	9° 8	15°18	4°52	6° 4	9°26	n.a.	S 13
M14	8 50 40	14°43'22	27°24	28°14	13°52	13°46	12°40	7°47	12°54	9° 8	15°17	4°51	6° 1	9°33	n.a.	M14
T 15	8 54 37	15°42'39	12♓ 1	0♓ 4	15° 5	14°23	12°45	7°43	12°52	9° 9	15°15	4°D51	5°58	9°39	n.a.	T 15
W16	8 58 33	16°41'54	26°41	1°50	16°17	15° 0	12°49	7°38	12°50	9° 9	15°14	4°52	5°55	9°46	n.a.	W16
T 17	9 2 30	17°41'06	11♈17	3°34	17°30	15°38	12°53	7°34	12°48	9°10	15°12	4°53	5°51	9°53	n.a.	T 17
F 18	9 6 26	18°40'16	25°44	5°14	18°43	16°15	12°57	7°29	12°46	9°10	15°11	4°54	5°48	9°59	n.a.	F 18
S 19	9 10 23	19°39'24	9♉58	6°49	19°56	16°52	13° 1	7°25	12°44	9°11	15°10	4°55	5°45	10° 6	n.a.	S 19
S 20	9 14 19	20°38'29	23°59	8°20	21° 9	17°30	13° 5	7°20	12°42	9°12	15° 8	4°R55	5°42	10°13	n.a.	S 20
M21	9 18 16	21°37'32	7♊44	9°46	22°22	18° 7	13° 9	7°16	12°40	9°12	15° 7	4°55	5°39	10°19	n.a.	M21
T 22	9 22 12	22°36'32	21°14	11° 7	23°35	18°44	13°12	7°11	12°38	9°13	15° 5	4°54	5°35	10°26	n.a.	T 22
W23	9 26 9	23°35'29	4♋28	12°22	24°48	19°22	13°15	7° 7	12°36	9°14	15° 4	4°52	5°32	10°33	n.a.	W23
T 24	9 30 6	24°34'25	17°28	13°31	26° 1	19°59	13°18	7° 2	12°35	9°15	15° 2	4°51	5°29	10°39	n.a.	T 24
F 25	9 34 2	25°33'18	0♌15	14°35	27°14	20°36	13°21	6°58	12°33	9°16	15° 0	4°49	5°26	10°46	n.a.	F 25
S 26	9 37 59	26°32'08	12°48	15°32	28°26	21°14	13°24	6°54	12°31	9°17	14°59	4°49	5°23	10°53	n.a.	S 26
S 27	9 41 55	27°30'57	25°10	16°23	29°39	21°51	13°27	6°49	12°30	9°18	14°57	4°48	5°20	10°59	n.a.	S 27
M28	9 45 52	28♒29'43	7♍21	17♓ 7	0♒52	22♈28	13♏29	6♌45	12♋28	9♉18	14♍56	4°D48	5♓16	11♎ 6	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 5	7n 0	0s33	21s30	1s40	23s31	0n18	2n43	0n27	14s40	0n53	20n15	1n58	23n45	0n36	13n 9	1s43	21n51	17n34	9s48	9s12	5s43		n.a.
W 2	19 52	1 18	1 37	20 57	1 35	23 35	0 15	2 59	0 28	14 42	0 53	20 17	1 58	23 46	0 36	13 9	1 42	21 52	17 35	9 48	9 13	5 47		n.a.
T 3	19 37	4s24	2 36	20 22	1 29	23 39	0 12	3 14	0 28	14 44	0 53	20 18	1 58	23 46	0 36	13 9	1 42	21 53	17 35	9 47	9 14	5 50		n.a.
F 4	19 23	9 55	3 29	19 44	1 23	23 41	0 9	3 30	0 29	14 46	0 53	20 19	1 58	23 46	0 36	13 9	1 42	21 54	17 35	9 46	9 16	5 54		n.a.
S 5	19 8	15 6	4 13	19 5	1 16	23 43	0 6	3 45	0 30	14 48	0 53	20 21	1 58	23 46	0 36	13 9	1 42	21 55	17 36	9 46	9 17	5 57		n.a.
S 6	18 53	19 46	4 46	18 24	1 8	23 44	0 3	4 1	0 31	14 50	0 53	20 22	1 59	23 47	0 36	13 9	1 42	21 56	17 36	9 46	9 18	6 0		n.a.
M 7	18 38	23 43	5 7	17 41	1 0	23 44	0s 0	4 16	0 31	14 52	0 53	20 23	1 59	23 47	0 36	13 9	1 42	21 56	17 37	9 46	9 19	6 4		n.a.
T 8	18 22	26 41	5 14	16 56	0 51	23 44	0 3	4 32	0 32	14 53	0 54	20 25	1 59	23 47	0 36	13 9	1 42	21 57	17 37	9 47	9 20	6 7		n.a.
W 9	18 6	28 22	5 6	16 10	0 42	23 43	0 6	4 47	0 32	14 55	0 54	20 26	1 59	23 47	0 36	13 10	1 42	21 58	17 37	9 48	9 22	6 10		n.a.
T 10	17 50	28 32	4 42	15 23	0 31	23 41	0 9	5 2	0 33	14 57	0 54	20 27	1 59	23 48	0 36	13 10	1 42	21 59	17 38	9 50	9 23	6 14		n.a.
F 11	17 33	27 1	4 2	14 34	0 21	23 39	0 12	5 18	0 34	14 58	0 54	20 29	1 59	23 48	0 36	13 10	1 42	22 0	17 38	9 51	9 24	6 17		n.a.
S 12	17 16	23 49	3 6	13 45	0 10	23 36	0 15	5 33	0 34	15 0	0 54	20 30	1 59	23 48	0 36	13 10	1 42	22 1	17 38	9 52	9 25	6 20		n.a.
S 13	16 59	19 6	1 58	12 55	0n 2	23 32	0 18	5 49	0 35	15 1	0 54	20 31	1 59	23 48	0 36	13 10	1 42	22 1	17 39	9 53	9 26	6 24		n.a.
M14	16 41	13 13	0 41	12 4	0 14	23 27	0 21	6 4	0 36	15 3	0 54	20 33	1 59	23 48	0 36	13 11	1 42	22 2	17 39	9 54	9 27	6 27		n.a.
T 15	16 24	6 34	0n40	11 14	0 26	23 22	0 24	6 19	0 36	15 4	0 54	20 34	1 59	23 49	0 36	13 11	1 42	22 3	17 39	9 54	9 29	6 30		n.a.
W16	16 6	0n27	1 58	10 24	0 39	23 16	0 26	6 34	0 37	15 5	0 54	20 35	1 59	23 49	0 36	13 11	1 42	22 4	17 40	9 53	9 30	6 34		n.a.
T 17	15 47	7 24	3 8	9 34	0 51	23 9	0 29	6 49	0 37	15 7	0 54	20 36	1 59	23 49	0 36	13 11	1 41	22 5	17 40	9 53	9 31	6 37		n.a.
F 18	15 29	13 54	4 5	8 46	1 4	23 2	0 32	7 5	0 38	15 8	0 54	20 38	1 59	23 49	0 36	13 12	1 41	22 6	17 40	9 52	9 32	6 40		n.a.
S 19	15 10	19 35	4 47	7 58	1 17	22 54	0 34	7 20	0 38	15 9	0 54	20 39	1 59	23 49	0 36	13 12	1 41	22 6	17 40	9 52	9 33	6 44		n.a.
S 20	14 51	24 5	5 11	7 12	1 29	22 45	0 37	7 35	0 39	15 10	0 54	20 40	1 59	23 49	0 36	13 12	1 41	22 7	17 41	9 52	9 35	6 47		n.a.
M21	14 32	27 10	5 16	6 28	1 42	22 36	0 39	7 50	0 40	15 11	0 54	20 41	1 59	23 50	0 36	13 13	1 41	22 8	17 41	9 52	9 36	6 50		n.a.
T 22	14 13	28 36	5 4	5 46	1 54	22 26	0 42	8 5	0 40	15 12	0 54	20 42	1 59	23 50	0 36	13 13	1 41	22 9	17 41	9 53	9 37	6 54		n.a.
W23	13 53	28 21	4 35	5 6	2 6	22 15	0 44	8 20	0 41	15 13	0 54	20 44	1 59	23 50	0 36	13 13	1 41	22 10	17 41	9 53	9 38	6 57		n.a.
T 24	13 33	26 32	3 53	4 29	2 17	22 4	0 47	8 34	0 41	15 14	0 55	20 45	1 59	23 50	0 36	13 13	1 41	22 11	17 42	9 54	9 39	7 0		n.a.
F 25	13 13	23 22	3 0	3 54	2 28	21 52	0 49	8 49	0 42	15 15	0 55	20 46	1 59	23 50	0 36	13 14	1 41	22 11	17 42	9 54	9 41	7 4		n.a.
S 26	12 53	19 9	1 59	3 22	2 38	21 39	0 51	9 4	0 42	15 16	0 55	20 47	1 59	23 50	0 36	13 14	1 41	22 12	17 42	9 54	9 42	7 7		n.a.
S 27	12 32	14 11	0 53	2 54	2 48	21 26	0 53	9 19	0 43	15 16	0 55	20 48	1 59	23 51	0 36	13 15	1 41	22 13	17 42	9 55	9 43	7 10		n.a.
M28	12s12	8n44	0s14	2s28	2n56	21s12	0s56	9n33	0n43	15s17	0n55	20n49	1n59	23n51	0n36	13n15	1s41	22n14	17n42	9s55	9s44	7s14		n.a.

Julian Day Number = 1271466.5, Delta T = 08h16m45s
Ecliptic obliquity = 23°50'35, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'42, Lahiri = -20°57'41 Julian Calendar 1 Feb. 1232 BCE == Greg. Calendar 21 Jan. 1232 BCE

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ASTRODIENST EPHEMERIS for the year 1232 BCE
geocentric

MARCH 1232 BCE (-1231) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 49 48	29♒28'27	19♍23	17♓45	2♒ 5	23♈ 6	13♏31	6°R41	12°R26	9♉19	14°R54	4♓48	5♓13	11♎13	n.a.	T 1
W 2	9 53 45	0♓27'09	1♎18	18°16	3°18	23°43	13°33	6♌37	12♋25	9°20	14♍52	4°49	5°10	11°19	n.a.	W 2
T 3	9 57 41	1°25'49	13° 9	18°40	4°31	24°20	13°35	6°33	12°23	9°22	14°51	4°49	5° 7	11°26	n.a.	T 3
F 4	10 1 38	2°24'27	24°59	18°58	5°44	24°58	13°36	6°29	12°22	9°23	14°49	4°49	5° 4	11°33	n.a.	F 4
S 5	10 5 34	3°23'04	6♏51	19°10	6°57	25°35	13°38	6°25	12°21	9°24	14°48	4°49	5° 1	11°39	n.a.	S 5
S 6	10 9 31	4°21'38	18°49	19°R14	8°10	26°12	13°39	6°21	12°19	9°25	14°46	4°50	4°57	11°46	n.a.	S 6
M 7	10 13 28	5°20'11	0♐58	19°13	9°23	26°50	13°40	6°17	12°18	9°26	14°44	4°50	4°54	11°53	n.a.	M 7
T 8	10 17 24	6°18'42	13°22	19° 6	10°36	27°27	13°41	6°14	12°17	9°27	14°43	4°50	4°51	11°59	n.a.	T 8
W 9	10 21 21	7°17'11	26° 6	18°52	11°49	28° 5	13°42	6°10	12°16	9°28	14°41	4°50	4°48	12° 6	n.a.	W 9
T 10	10 25 17	8°15'38	9♑12	18°34	13° 2	28°42	13°42	6° 6	12°15	9°30	14°39	4°50	4°45	12°13	n.a.	T 10
F 11	10 29 14	9°14'04	22°44	18°10	14°15	29°19	13°43	6° 3	12°13	9°31	14°38	4°50	4°41	12°19	n.a.	F 11
S 12	10 33 10	10°12'28	6♒41	17°42	15°28	29°57	13°R43	5°59	12°12	9°32	14°36	4°51	4°38	12°26	n.a.	S 12
S 13	10 37 7	11°10'50	21° 4	17°10	16°41	0♉34	13°43	5°56	12°11	9°34	14°34	4°51	4°35	12°33	n.a.	S 13
M14	10 41 3	12° 9'10	5♓46	16°35	17°54	1°11	13°42	5°53	12°11	9°35	14°33	4°R51	4°32	12°39	n.a.	M14
T 15	10 45 0	13° 7'28	20°43	15°57	19° 7	1°49	13°42	5°49	12°10	9°36	14°31	4°51	4°29	12°46	n.a.	T 15
W16	10 48 57	14° 5'44	5♈46	15°18	20°20	2°26	13°41	5°46	12° 9	9°38	14°29	4°50	4°26	12°53	n.a.	W16
T 17	10 52 53	15° 3'58	20°45	14°37	21°34	3° 4	13°40	5°43	12° 8	9°39	14°27	4°49	4°22	12°59	n.a.	T 17
F 18	10 56 50	16° 2'10	5♉34	13°56	22°47	3°41	13°39	5°40	12° 7	9°41	14°26	4°48	4°19	13° 6	n.a.	F 18
S 19	11 0 46	17° 0'20	20° 6	13°16	24° 0	4°18	13°38	5°37	12° 7	9°42	14°24	4°47	4°16	13°13	n.a.	S 19
S 20	11 4 43	17°58'28	4♊16	12°36	25°13	4°56	13°37	5°34	12° 6	9°44	14°22	4°46	4°13	13°19	n.a.	S 20
M21	11 8 39	18°56'34	18° 3	11°59	26°26	5°33	13°35	5°31	12° 5	9°45	14°21	4°D46	4°10	13°26	n.a.	M21
T 22	11 12 36	19°54'38	1♋27	11°23	27°39	6°11	13°33	5°29	12° 5	9°47	14°19	4°46	4° 7	13°33	n.a.	T 22
W23	11 16 32	20°52'39	14°31	10°51	28°52	6°48	13°31	5°26	12° 4	9°48	14°17	4°47	4° 3	13°39	n.a.	W23
T 24	11 20 29	21°50'39	27°16	10°22	0♓ 5	7°25	13°29	5°24	12° 4	9°50	14°16	4°48	4° 0	13°46	n.a.	T 24
F 25	11 24 26	22°48'36	9♌45	9°57	1°18	8° 3	13°27	5°21	12° 4	9°51	14°14	4°49	3°57	13°53	n.a.	F 25
S 26	11 28 22	23°46'32	22° 2	9°35	2°31	8°40	13°25	5°19	12° 3	9°53	14°12	4°51	3°54	13°59	n.a.	S 26
S 27	11 32 19	24°44'25	4♍10	9°19	3°44	9°18	13°22	5°17	12° 3	9°55	14°11	4°R51	3°51	14° 6	n.a.	S 27
M28	11 36 15	25°42'17	16° 9	9° 6	4°57	9°55	13°19	5°14	12° 3	9°56	14° 9	4°51	3°47	14°13	n.a.	M28
T 29	11 40 12	26°40'07	28° 4	8°59	6°10	10°32	13°16	5°12	12° 3	9°58	14° 7	4°49	3°44	14°20	n.a.	T 29
W30	11 44 8	27°37'55	9♎55	8°D56	7°23	11°10	13°13	5°10	12° 3	10° 0	14° 6	4°46	3°41	14°26	n.a.	W30
T 31	11 48 5	28♓35'42	21♎45	8♓58	8♓36	11♉47	13♏ 9	5♌ 8	12°D 3	10♉ 2	14♍ 4	4♓43	3♓38	14♎33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s51	3n 3	1s20	2s 6	3n 4	20s58	0s58	9n48	0n44	15s17	0n55	20n50	1n59	23n51	0n36	13n15	1s41	22n15	17n43	9s55	9s45	7s17		n.a.
W 2	11 30	2s41	2 22	1 48	3 11	20 43	1 0	10 2	0 44	15 18	0 55	20 51	1 59	23 51	0 36	13 16	1 41	22 15	17 43	9 54	9 46	7 20		n.a.
T 3	11 9	8 18	3 17	1 33	3 16	20 27	1 2	10 17	0 45	15 19	0 55	20 52	1 59	23 51	0 36	13 16	1 41	22 16	17 43	9 54	9 48	7 24		n.a.
F 4	10 47	13 36	4 4	1 22	3 21	20 11	1 4	10 31	0 45	15 19	0 55	20 53	1 59	23 51	0 36	13 16	1 41	22 17	17 43	9 54	9 49	7 27		n.a.
S 5	10 26	18 26	4 41	1 14	3 24	19 54	1 6	10 46	0 46	15 19	0 55	20 54	1 59	23 51	0 36	13 17	1 40	22 18	17 43	9 54	9 50	7 30		n.a.
S 6	10 4	22 35	5 5	1 11	3 26	19 37	1 7	11 0	0 46	15 20	0 55	20 55	1 59	23 51	0 36	13 17	1 40	22 18	17 43	9 54	9 51	7 34		n.a.
M 7	9 43	25 51	5 17	1 11	3 26	19 19	1 9	11 14	0 47	15 20	0 55	20 56	1 59	23 51	0 36	13 18	1 40	22 19	17 43	9 54	9 52	7 37		n.a.
T 8	9 21	27 59	5 14	1 15	3 25	19 0	1 11	11 28	0 47	15 20	0 55	20 57	1 59	23 52	0 36	13 18	1 40	22 20	17 43	9 54	9 54	7 40		n.a.
W 9	8 59	28 43	4 56	1 22	3 23	18 41	1 12	11 42	0 47	15 20	0 55	20 58	1 59	23 52	0 36	13 19	1 40	22 21	17 43	9 54	9 55	7 44		n.a.
T 10	8 37	27 53	4 22	1 33	3 19	18 22	1 14	11 56	0 48	15 20	0 55	20 59	1 59	23 52	0 36	13 19	1 40	22 21	17 44	9 54	9 56	7 47		n.a.
F 11	8 14	25 24	3 33	1 47	3 14	18 2	1 16	12 10	0 48	15 20	0 55	21 0	1 59	23 52	0 36	13 19	1 40	22 22	17 44	9 54	9 57	7 50		n.a.
S 12	7 52	21 20	2 30	2 5	3 7	17 41	1 17	12 24	0 49	15 20	0 55	21 1	1 59	23 52	0 36	13 20	1 40	22 23	17 44	9 54	9 58	7 53		n.a.
S 13	7 30	15 55	1 16	2 25	2 59	17 20	1 18	12 38	0 49	15 20	0 55	21 1	1 59	23 52	0 36	13 20	1 40	22 24	17 44	9 53	9 59	7 57		n.a.
M14	7 7	9 28	0n 5	2 47	2 49	16 59	1 20	12 51	0 50	15 20	0 56	21 2	1 59	23 52	0 36	13 21	1 40	22 24	17 44	9 53	10 1	8 0		n.a.
T 15	6 44	2 25	1 27	3 12	2 38	16 37	1 21	13 5	0 50	15 20	0 56	21 3	1 59	23 52	0 36	13 21	1 40	22 25	17 44	9 54	10 2	8 3		n.a.
W16	6 22	4n49	2 43	3 39	2 26	16 15	1 22	13 19	0 50	15 20	0 56	21 4	1 59	23 52	0 36	13 22	1 40	22 26	17 44	9 54	10 3	8 7		n.a.
T 17	5 59	11 45	3 48	4 7	2 13	15 52	1 23	13 32	0 51	15 20	0 56	21 4	1 59	23 52	0 36	13 22	1 40	22 26	17 44	9 54	10 4	8 10		n.a.
F 18	5 36	17 56	4 36	4 36	1 58	15 29	1 24	13 45	0 51	15 19	0 56	21 5	1 59	23 52	0 36	13 23	1 40	22 27	17 44	9 55	10 5	8 13		n.a.
S 19	5 13	22 58	5 6	5 6	1 43	15 5	1 25	13 59	0 52	15 19	0 56	21 6	1 58	23 52	0 36	13 23	1 40	22 28	17 44	9 55	10 6	8 17		n.a.
S 20	4 50	26 32	5 17	5 36	1 28	14 41	1 26	14 12	0 52	15 18	0 56	21 6	1 58	23 52	0 36	13 24	1 40	22 28	17 44	9 55	10 8	8 20		n.a.
M21	4 27	28 25	5 8	6 5	1 12	14 16	1 27	14 25	0 52	15 18	0 56	21 7	1 58	23 52	0 36	13 25	1 40	22 29	17 44	9 56	10 9	8 23		n.a.
T 22	4 4	28 33	4 43	6 34	0 55	13 52	1 28	14 38	0 53	15 17	0 56	21 8	1 58	23 52	0 36	13 25	1 40	22 30	17 44	9 55	10 10	8 26		n.a.
W23	3 40	27 4	4 4	7 2	0 39	13 26	1 28	14 51	0 53	15 17	0 56	21 8	1 58	23 52	0 35	13 26	1 39	22 30	17 43	9 55	10 11	8 30		n.a.
T 24	3 17	24 13	3 13	7 28	0 22	13 1	1 29	15 4	0 54	15 16	0 56	21 9	1 58	23 52	0 35	13 26	1 39	22 31	17 43	9 55	10 12	8 33		n.a.
F 25	2 54	20 15	2 14	7 53	0 6	12 35	1 30	15 16	0 54	15 15	0 56	21 9	1 58	23 52	0 35	13 27	1 39	22 31	17 43	9 54	10 14	8 36		n.a.
S 26	2 31	15 30	1 10	8 16	0s10	12 9	1 30	15 29	0 54	15 14	0 56	21 10	1 58	23 52	0 35	13 27	1 39	22 32	17 43	9 54	10 15	8 39		n.a.
S 27	2 7	10 12	0 4	8 37	0 26	11 42	1 30	15 42	0 55	15 14	0 56	21 10	1 58	23 52	0 35	13 28	1 39	22 33	17 43	9 54	10 16	8 43		n.a.
M28	1 44	4 36	1s 2	8 55	0 41	11 15	1 31	15 54	0 55	15 13	0 56	21 11	1 58	23 52	0 35	13 28	1 39	22 33	17 43	9 54	10 17	8 46		n.a.
T 29	1 21	1s 7	2 4	9 12	0 56	10 48	1 31	16 6	0 55	15 12	0 56	21 11	1 58	23 52	0 35	13 29	1 39	22 34	17 43	9 54	10 18	8 49		n.a.
W30	0 57	6 46	3 1	9 26	1 9	10 21	1 31	16 19	0 56	15 11	0 56	21 12	1 58	23 52	0 35	13 30	1 39	22 34	17 43	9 55	10 19	8 52		n.a.
T 31	0s34	12s 9	3s50	9s37	1s23	9s53	1s31	16n31	0n56	15s10	0n56	21n12	1n57	23n52	0n35	13n30	1s39	22n35	17n43	9s57	10s21	8s56		n.a.

Julian Day Number = 1271494.5, Delta T = 08h16m43s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'38, Lahiri = -20°57'37 Julian Calendar 1 March 1232 BCE == Greg. Calendar 18 Feb. 1232 BCE

The year -1231 astronomical counting style corresponds to year 1232 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1232 BCE
geocentric

APRIL 1232 BCE (-1231) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 52 1	29♓33'27	3♏36	9♓ 4	9♓50	12♉24	13°R 6	5°R 7	12♋ 3	10♉ 3	14°R 2	4°R39	3♓35	14♎40	n.a.	F 1
S 2	11 55 58	0♈31'11	15°30	9°15	11° 3	13° 2	13♏ 2	5♌ 5	12° 3	10° 5	14♍ 1	4♓35	3°32	14°46	n.a.	S 2
S 3	11 59 54	1°28'54	27°31	9°31	12°16	13°39	12°58	5° 3	12° 3	10° 7	13°59	4°31	3°28	14°53	n.a.	S 3
M 4	12 3 51	2°26'35	9♐41	9°51	13°29	14°17	12°54	5° 2	12° 3	10° 9	13°58	4°28	3°25	15° 0	n.a.	M 4
T 5	12 7 48	3°24'15	22° 4	10°16	14°42	14°54	12°50	5° 1	12° 3	10°11	13°56	4°26	3°22	15° 6	n.a.	T 5
W 6	12 11 44	4°21'54	4♑44	10°45	15°55	15°31	12°46	4°59	12° 3	10°13	13°55	4°D25	3°19	15°13	n.a.	W 6
T 7	12 15 41	5°19'32	17°45	11°18	17° 8	16° 9	12°41	4°58	12° 4	10°15	13°53	4°26	3°16	15°20	n.a.	T 7
F 8	12 19 37	6°17'09	1♒10	11°55	18°22	16°46	12°36	4°57	12° 4	10°16	13°51	4°27	3°12	15°26	n.a.	F 8
S 9	12 23 34	7°14'44	15° 0	12°35	19°35	17°24	12°32	4°56	12° 5	10°18	13°50	4°29	3° 9	15°33	n.a.	S 9
S 10	12 27 30	8°12'18	29°18	13°20	20°48	18° 1	12°27	4°55	12° 5	10°20	13°48	4°R30	3° 6	15°40	n.a.	S 10
M11	12 31 27	9° 9'52	14♓ 0	14° 8	22° 1	18°39	12°21	4°54	12° 6	10°22	13°47	4°29	3° 3	15°46	n.a.	M11
T 12	12 35 23	10° 7'23	29° 1	15° 0	23°14	19°16	12°16	4°53	12° 6	10°24	13°45	4°28	3° 0	15°53	n.a.	T 12
W13	12 39 20	11° 4'54	14♈14	15°55	24°27	19°53	12°11	4°53	12° 7	10°26	13°44	4°24	2°57	16° 0	n.a.	W13
T 14	12 43 17	12° 2'23	29°28	16°53	25°41	20°31	12° 5	4°52	12° 8	10°28	13°43	4°19	2°53	16° 6	n.a.	T 14
F 15	12 47 13	12°59'52	14♉33	17°55	26°54	21° 8	11°59	4°52	12° 8	10°30	13°41	4°14	2°50	16°13	n.a.	F 15
S 16	12 51 10	13°57'18	29°20	18°59	28° 7	21°46	11°54	4°52	12° 9	10°32	13°40	4° 8	2°47	16°20	n.a.	S 16
S 17	12 55 6	14°54'44	13♊43	20° 7	29°20	22°23	11°48	4°51	12°10	10°34	13°38	4° 4	2°44	16°26	n.a.	S 17
M18	12 59 3	15°52'08	27°38	21°17	0♈34	23° 1	11°42	4°D51	12°11	10°36	13°37	4° 1	2°41	16°33	n.a.	M18
T 19	13 2 59	16°49'31	11♋ 6	22°30	1°47	23°38	11°35	4°51	12°12	10°38	13°36	3°D59	2°38	16°40	n.a.	T 19
W20	13 6 56	17°46'52	24° 7	23°47	3° 0	24°15	11°29	4°51	12°13	10°41	13°34	3°59	2°34	16°46	n.a.	W20
T 21	13 10 52	18°44'12	6♌46	25° 5	4°13	24°53	11°23	4°52	12°14	10°43	13°33	4° 0	2°31	16°53	n.a.	T 21
F 22	13 14 49	19°41'31	19° 8	26°27	5°26	25°30	11°16	4°52	12°15	10°45	13°32	4° 1	2°28	17° 0	n.a.	F 22
S 23	13 18 46	20°38'48	1♍16	27°51	6°40	26° 8	11°10	4°52	12°16	10°47	13°30	4°R 2	2°25	17° 7	n.a.	S 23
S 24	13 22 42	21°36'04	13°14	29°18	7°53	26°45	11° 3	4°53	12°17	10°49	13°29	4° 2	2°22	17°13	n.a.	S 24
M25	13 26 39	22°33'19	25° 6	0♈48	9° 6	27°23	10°56	4°53	12°19	10°51	13°28	4° 0	2°18	17°20	n.a.	M25
T 26	13 30 35	23°30'33	6♎56	2°20	10°20	28° 0	10°49	4°54	12°20	10°53	13°27	3°55	2°15	17°27	n.a.	T 26
W27	13 34 32	24°27'46	18°46	3°55	11°33	28°38	10°42	4°55	12°21	10°55	13°26	3°48	2°12	17°33	n.a.	W27
T 28	13 38 28	25°24'58	0♏37	5°33	12°46	29°15	10°35	4°56	12°23	10°58	13°24	3°40	2° 9	17°40	n.a.	T 28
F 29	13 42 25	26°22'10	12°33	7°13	13°59	29°52	10°28	4°57	12°24	11° 0	13°23	3°30	2° 6	17°47	n.a.	F 29
S 30	13 46 21	27♈19'21	24♏33	8♈55	15♈13	0♊30	10♏21	4♌58	12♋26	11♉ 2	13♍22	3♓21	2♓ 3	17♎53	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s11	17s 8	4s29	9s46	1s35	9s25	1s31	16n43	0n56	15s 9	0n56	21n12	1n57	23n52	0n35	13n31	1s39	22n35	17n42	9s58	10s22	8s59		n.a.
S 2	0n13	21 28	4 56	9 52	1 47	8 57	1 31	16 55	0 57	15 7	0 56	21 13	1 57	23 52	0 35	13 31	1 39	22 36	17 42	10 0	10 23	9 2		n.a.
S 3	0 36	24 58	5 11	9 56	1 57	8 29	1 31	17 6	0 57	15 6	0 56	21 13	1 57	23 52	0 35	13 32	1 39	22 36	17 42	10 1	10 24	9 5		n.a.
M 4	0 59	27 25	5 12	9 58	2 7	8 0	1 31	17 18	0 57	15 5	0 56	21 13	1 57	23 52	0 35	13 33	1 39	22 37	17 42	10 2	10 25	9 9		n.a.
T 5	1 23	28 34	4 59	9 57	2 16	7 31	1 31	17 30	0 58	15 4	0 56	21 13	1 57	23 52	0 35	13 33	1 39	22 37	17 42	10 3	10 26	9 12		n.a.
W 6	1 46	28 16	4 31	9 53	2 25	7 2	1 31	17 41	0 58	15 2	0 56	21 14	1 57	23 52	0 35	13 34	1 39	22 37	17 41	10 3	10 28	9 15		n.a.
T 7	2 9	26 25	3 48	9 47	2 32	6 33	1 31	17 52	0 58	15 1	0 56	21 14	1 57	23 52	0 35	13 35	1 39	22 38	17 41	10 3	10 29	9 18		n.a.
F 8	2 32	23 2	2 52	9 39	2 39	6 3	1 30	18 4	0 58	15 0	0 56	21 14	1 57	23 52	0 35	13 35	1 39	22 38	17 41	10 2	10 30	9 22		n.a.
S 9	2 55	18 16	1 45	9 28	2 44	5 34	1 30	18 15	0 59	14 58	0 56	21 14	1 56	23 52	0 35	13 36	1 39	22 39	17 41	10 2	10 31	9 25		n.a.
S 10	3 18	12 21	0 28	9 15	2 49	5 4	1 29	18 26	0 59	14 57	0 56	21 14	1 56	23 52	0 35	13 37	1 39	22 39	17 40	10 1	10 32	9 28		n.a.
M11	3 41	5 36	0n52	9 0	2 54	4 34	1 29	18 37	0 59	14 55	0 56	21 14	1 56	23 52	0 35	13 37	1 39	22 39	17 40	10 2	10 33	9 31		n.a.
T 12	4 4	1n35	2 10	8 43	2 57	4 4	1 28	18 47	1 0	14 53	0 56	21 14	1 56	23 52	0 35	13 38	1 39	22 40	17 40	10 2	10 35	9 35		n.a.
W13	4 27	8 45	3 19	8 24	3 0	3 34	1 27	18 58	1 0	14 52	0 56	21 14	1 56	23 52	0 35	13 39	1 39	22 40	17 40	10 4	10 36	9 38		n.a.
T 14	4 50	15 26	4 15	8 2	3 1	3 4	1 26	19 9	1 0	14 50	0 56	21 14	1 56	23 52	0 35	13 39	1 39	22 40	17 39	10 5	10 37	9 41		n.a.
F 15	5 13	21 7	4 52	7 39	3 3	2 33	1 26	19 19	1 0	14 48	0 56	21 14	1 56	23 51	0 35	13 40	1 39	22 41	17 39	10 7	10 38	9 44		n.a.
S 16	5 36	25 22	5 9	7 14	3 3	2 3	1 25	19 29	1 1	14 46	0 56	21 14	1 56	23 51	0 35	13 41	1 38	22 41	17 39	10 9	10 39	9 48		n.a.
S 17	5 58	27 53	5 6	6 46	3 3	1 33	1 24	19 39	1 1	14 45	0 56	21 14	1 55	23 51	0 35	13 41	1 38	22 41	17 38	10 11	10 40	9 51		n.a.
M18	6 21	28 34	4 44	6 17	3 2	1 2	1 23	19 49	1 1	14 43	0 56	21 14	1 55	23 51	0 35	13 42	1 38	22 41	17 38	10 12	10 42	9 54		n.a.
T 19	6 43	27 29	4 8	5 46	3 0	0 32	1 22	19 59	1 1	14 41	0 56	21 14	1 55	23 51	0 35	13 43	1 38	22 42	17 38	10 13	10 43	9 57		n.a.
W20	7 5	24 55	3 19	5 13	2 58	0 1	1 20	20 9	1 2	14 39	0 56	21 14	1 55	23 51	0 35	13 43	1 38	22 42	17 37	10 13	10 44	10 0		n.a.
T 21	7 28	21 11	2 22	4 39	2 54	0n30	1 19	20 19	1 2	14 37	0 56	21 14	1 55	23 51	0 35	13 44	1 38	22 42	17 37	10 12	10 45	10 4		n.a.
F 22	7 50	16 36	1 20	4 2	2 51	1 0	1 18	20 28	1 2	14 35	0 56	21 13	1 55	23 51	0 35	13 45	1 38	22 42	17 37	10 12	10 46	10 7		n.a.
S 23	8 12	11 27	0 15	3 24	2 47	1 31	1 17	20 37	1 2	14 33	0 56	21 13	1 55	23 51	0 35	13 45	1 38	22 42	17 36	10 12	10 47	10 10		n.a.
S 24	8 33	5 56	0s49	2 45	2 42	2 2	1 15	20 46	1 3	14 31	0 56	21 13	1 55	23 50	0 35	13 46	1 38	22 43	17 36	10 12	10 49	10 13		n.a.
M25	8 55	0 17	1 51	2 3	2 36	2 32	1 14	20 55	1 3	14 29	0 55	21 13	1 54	23 50	0 35	13 47	1 38	22 43	17 36	10 13	10 50	10 16		n.a.
T 26	9 17	5s21	2 48	1 21	2 30	3 3	1 13	21 4	1 3	14 27	0 55	21 12	1 54	23 50	0 35	13 47	1 38	22 43	17 35	10 14	10 51	10 20		n.a.
W27	9 38	10 48	3 37	0 36	2 23	3 33	1 11	21 13	1 3	14 25	0 55	21 12	1 54	23 50	0 35	13 48	1 38	22 43	17 35	10 17	10 52	10 23		n.a.
T 28	9 59	15 53	4 17	0n10	2 16	4 4	1 10	21 22	1 4	14 22	0 55	21 12	1 54	23 50	0 35	13 49	1 38	22 43	17 34	10 20	10 53	10 26		n.a.
F 29	10 21	20 23	4 45	0 57	2 9	4 34	1 8	21 30	1 4	14 20	0 55	21 11	1 54	23 50	0 35	13 50	1 38	22 43	17 34	10 23	10 54	10 29		n.a.
S 30	10n42	24s 5	5s 2	1n45	2s 0	5n 4	1s 6	21n38	1n 4	14s18	0n55	21n11	1n54	23n49	0n35	13n50	1s38	22n43	17n34	10s27	10s55	10s32		n.a.

Julian Day Number = 1271525.5, Delta T = 08h16m41s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'34, Lahiri = -20°57'33 Julian Calendar 1 Apr. 1232 BCE == Greg. Calendar 21 March 1232 BCE

The year -1231 astronomical counting style corresponds to year 1232 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1232 BCE
geocentric

MAY 1232 BCE (-1231) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 50 18	28♈16'31	6♐40	10♈40	16♈26	1♊ 7	10°R13	4♌59	12♋27	11♉ 4	13°R21	3°R11	1♓59	18♎ 0	n.a.	S 1
M 2	13 54 15	29°13'41	18°56	12°28	17°39	1°45	10♏ 6	5° 0	12°29	11° 6	13♍20	3♓ 3	1°56	18° 7	n.a.	M 2
T 3	13 58 11	0♉10'50	1♑23	14°18	18°53	2°22	9°59	5° 2	12°31	11° 8	13°19	2°58	1°53	18°13	n.a.	T 3
W 4	14 2 8	1° 7'59	14° 5	16°10	20° 6	3° 0	9°51	5° 3	12°32	11°11	13°18	2°54	1°50	18°20	n.a.	W 4
T 5	14 6 4	2° 5'08	27° 3	18° 5	21°19	3°37	9°44	5° 5	12°34	11°13	13°17	2°D52	1°47	18°27	n.a.	T 5
F 6	14 10 1	3° 2'16	10♒22	20° 2	22°33	4°15	9°36	5° 7	12°36	11°15	13°16	2°53	1°44	18°33	n.a.	F 6
S 7	14 13 57	3°59'24	24° 4	22° 2	23°46	4°52	9°29	5° 8	12°38	11°17	13°15	2°53	1°40	18°40	n.a.	S 7
S 8	14 17 54	4°56'32	8♓10	24° 3	25° 0	5°30	9°21	5°10	12°40	11°20	13°14	2°R53	1°37	18°47	n.a.	S 8
M 9	14 21 51	5°53'40	22°41	26° 7	26°13	6° 7	9°13	5°12	12°42	11°22	13°14	2°52	1°34	18°54	n.a.	M 9
T 10	14 25 47	6°50'47	7♈33	28°12	27°26	6°45	9° 6	5°14	12°44	11°24	13°13	2°48	1°31	19° 0	n.a.	T 10
W11	14 29 44	7°47'54	22°40	0♉19	28°40	7°22	8°58	5°17	12°46	11°26	13°12	2°42	1°28	19° 7	n.a.	W11
T 12	14 33 40	8°45'01	7♉53	2°27	29°53	8° 0	8°50	5°19	12°48	11°28	13°11	2°34	1°24	19°14	n.a.	T 12
F 13	14 37 37	9°42'08	23° 1	4°36	1♉ 7	8°37	8°43	5°21	12°50	11°31	13°10	2°24	1°21	19°20	n.a.	F 13
S 14	14 41 33	10°39'14	7♊54	6°46	2°20	9°15	8°35	5°24	12°52	11°33	13°10	2°14	1°18	19°27	n.a.	S 14
S 15	14 45 30	11°36'20	22°24	8°57	3°34	9°53	8°27	5°26	12°54	11°35	13° 9	2° 6	1°15	19°34	n.a.	S 15
M16	14 49 26	12°33'25	6♋26	11° 8	4°47	10°30	8°20	5°29	12°57	11°37	13° 8	1°59	1°12	19°40	n.a.	M16
T 17	14 53 23	13°30'30	19°59	13°19	6° 1	11° 8	8°12	5°32	12°59	11°40	13° 8	1°55	1° 9	19°47	n.a.	T 17
W18	14 57 20	14°27'35	3♌ 4	15°30	7°14	11°45	8° 5	5°34	13° 1	11°42	13° 7	1°53	1° 5	19°54	n.a.	W18
T 19	15 1 16	15°24'39	15°44	17°40	8°28	12°23	7°57	5°37	13° 4	11°44	13° 7	1°D52	1° 2	20° 0	n.a.	T 19
F 20	15 5 13	16°21'43	28° 4	19°49	9°41	13° 0	7°50	5°40	13° 6	11°46	13° 6	1°R52	0°59	20° 7	n.a.	F 20
S 21	15 9 9	17°18'46	10♍ 9	21°58	10°55	13°38	7°42	5°43	13° 8	11°49	13° 6	1°52	0°56	20°14	n.a.	S 21
S 22	15 13 6	18°15'49	22° 4	24° 5	12° 8	14°16	7°35	5°47	13°11	11°51	13° 5	1°51	0°53	20°20	n.a.	S 22
M23	15 17 2	19°12'52	3♎54	26°12	13°22	14°53	7°27	5°50	13°13	11°53	13° 5	1°47	0°49	20°27	n.a.	M23
T 24	15 20 59	20° 9'55	15°43	28°16	14°36	15°31	7°20	5°53	13°16	11°55	13° 4	1°40	0°46	20°34	n.a.	T 24
W25	15 24 55	21° 6'58	27°34	0♊19	15°49	16° 8	7°13	5°57	13°19	11°57	13° 4	1°31	0°43	20°41	n.a.	W25
T 26	15 28 52	22° 4'00	9♏30	2°21	17° 3	16°46	7° 5	6° 0	13°21	12° 0	13° 4	1°20	0°40	20°47	n.a.	T 26
F 27	15 32 49	23° 1'03	21°32	4°20	18°16	17°24	6°58	6° 4	13°24	12° 2	13° 3	1° 7	0°37	20°54	n.a.	F 27
S 28	15 36 45	23°58'06	3♐42	6°18	19°30	18° 1	6°51	6° 7	13°27	12° 4	13° 3	0°54	0°34	21° 1	n.a.	S 28
S 29	15 40 42	24°55'10	16° 1	8°14	20°44	18°39	6°44	6°11	13°29	12° 6	13° 3	0°41	0°30	21° 7	n.a.	S 29
M30	15 44 38	25°52'13	28°29	10° 8	21°57	19°17	6°37	6°15	13°32	12° 8	13° 3	0°30	0°27	21°14	n.a.	M30
T 31	15 48 35	26♉49'18	11♑ 7	12♊ 0	23♉11	19♊54	6♏31	6♌19	13♋35	12♉11	13♍ 3	0♓22	0♓24	21♎21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	11n 2	26s47	5s 5	2n35	1s52	5n34	1s 5	21n47	1n 4	14s16	0n55	21n11	1n54	23n49	0n35	13n51	1s38	22n43	17n33	10s30	10s57	10s35			n.a.
M 2	11 23	28 15	4 54	3 26	1 43	6 5	1 3	21 55	1 4	14 14	0 55	21 10	1 53	23 49	0 35	13 52	1 38	22 43	17 33	10 33	10 58	10 39			n.a.
T 3	11 43	28 19	4 29	4 18	1 33	6 35	1 1	22 2	1 5	14 11	0 55	21 10	1 53	23 49	0 34	13 52	1 38	22 43	17 32	10 35	10 59	10 42			n.a.
W 4	12 4	26 54	3 50	5 11	1 24	7 4	0 59	22 10	1 5	14 9	0 55	21 9	1 53	23 49	0 34	13 53	1 38	22 43	17 32	10 37	11 0	10 45			n.a.
T 5	12 24	24 2	2 59	6 5	1 13	7 34	0 57	22 18	1 5	14 7	0 55	21 9	1 53	23 49	0 34	13 54	1 38	22 43	17 31	10 37	11 1	10 48			n.a.
F 6	12 44	19 49	1 57	7 0	1 3	8 4	0 56	22 25	1 5	14 4	0 54	21 8	1 53	23 48	0 34	13 54	1 38	22 43	17 31	10 37	11 2	10 51			n.a.
S 7	13 4	14 28	0 47	7 55	0 52	8 33	0 54	22 32	1 5	14 2	0 54	21 7	1 53	23 48	0 34	13 55	1 38	22 43	17 30	10 37	11 4	10 54			n.a.
S 8	13 23	8 13	0n28	8 50	0 42	9 2	0 52	22 39	1 6	14 0	0 54	21 7	1 53	23 48	0 34	13 56	1 38	22 43	17 30	10 37	11 5	10 58			n.a.
M 9	13 43	1 22	1 44	9 46	0 31	9 31	0 50	22 46	1 6	13 57	0 54	21 6	1 53	23 48	0 34	13 57	1 38	22 43	17 29	10 37	11 6	11 1			n.a.
T 10	14 2	5n42	2 54	10 42	0 20	10 0	0 48	22 53	1 6	13 55	0 54	21 6	1 52	23 48	0 34	13 57	1 38	22 43	17 29	10 39	11 7	11 4			n.a.
W11	14 21	12 33	3 53	11 38	0 9	10 28	0 46	23 0	1 6	13 53	0 54	21 5	1 52	23 47	0 34	13 58	1 38	22 43	17 28	10 41	11 8	11 7			n.a.
T 12	14 39	18 42	4 35	12 33	0n 2	10 57	0 43	23 6	1 6	13 50	0 54	21 4	1 52	23 47	0 34	13 59	1 38	22 43	17 28	10 44	11 9	11 10			n.a.
F 13	14 58	23 39	4 59	13 28	0 13	11 25	0 41	23 12	1 6	13 48	0 54	21 4	1 52	23 47	0 34	13 59	1 38	22 42	17 27	10 48	11 10	11 13			n.a.
S 14	15 16	26 57	5 1	14 22	0 23	11 53	0 39	23 18	1 7	13 46	0 53	21 3	1 52	23 47	0 34	14 0	1 38	22 42	17 27	10 51	11 12	11 16			n.a.
S 15	15 34	28 21	4 44	15 15	0 33	12 20	0 37	23 24	1 7	13 43	0 53	21 2	1 52	23 46	0 34	14 1	1 38	22 42	17 26	10 54	11 13	11 20			n.a.
M16	15 52	27 51	4 10	16 6	0 43	12 47	0 35	23 30	1 7	13 41	0 53	21 1	1 52	23 46	0 34	14 2	1 38	22 42	17 26	10 57	11 14	11 23			n.a.
T 17	16 10	25 40	3 23	16 56	0 52	13 14	0 33	23 36	1 7	13 39	0 53	21 0	1 52	23 46	0 34	14 2	1 38	22 42	17 25	10 58	11 15	11 26			n.a.
W18	16 27	22 11	2 27	17 44	1 1	13 41	0 30	23 41	1 7	13 36	0 53	21 0	1 51	23 46	0 34	14 3	1 38	22 41	17 25	10 59	11 16	11 29			n.a.
T 19	16 44	17 44	1 25	18 30	1 9	14 7	0 28	23 46	1 7	13 34	0 53	20 59	1 51	23 45	0 34	14 4	1 38	22 41	17 24	10 59	11 17	11 32			n.a.
F 20	17 1	12 40	0 20	19 14	1 17	14 33	0 26	23 51	1 7	13 32	0 53	20 58	1 51	23 45	0 34	14 4	1 38	22 41	17 24	10 59	11 18	11 35			n.a.
S 21	17 17	7 13	0s44	19 55	1 24	14 59	0 23	23 56	1 8	13 29	0 52	20 57	1 51	23 45	0 34	14 5	1 38	22 40	17 23	10 59	11 20	11 38			n.a.
S 22	17 33	1 36	1 45	20 34	1 31	15 24	0 21	24 1	1 8	13 27	0 52	20 56	1 51	23 45	0 34	14 6	1 38	22 40	17 23	11 0	11 21	11 41			n.a.
M23	17 49	4s 2	2 41	21 11	1 36	15 49	0 19	24 6	1 8	13 25	0 52	20 55	1 51	23 44	0 34	14 6	1 38	22 40	17 22	11 1	11 22	11 45			n.a.
T 24	18 5	9 30	3 30	21 45	1 42	16 13	0 16	24 10	1 8	13 22	0 52	20 54	1 51	23 44	0 34	14 7	1 38	22 39	17 22	11 4	11 23	11 48			n.a.
W25	18 20	14 39	4 10	22 17	1 46	16 38	0 14	24 14	1 8	13 20	0 52	20 53	1 51	23 44	0 34	14 8	1 38	22 39	17 21	11 7	11 24	11 51			n.a.
T 26	18 36	19 18	4 39	22 46	1 50	17 1	0 12	24 18	1 8	13 18	0 51	20 52	1 50	23 43	0 34	14 8	1 38	22 39	17 20	11 11	11 25	11 54			n.a.
F 27	18 50	23 12	4 56	23 13	1 53	17 25	0 9	24 22	1 8	13 16	0 51	20 51	1 50	23 43	0 34	14 9	1 38	22 38	17 20	11 16	11 26	11 57			n.a.
S 28	19 5	26 9	5 0	23 37	1 55	17 47	0 7	24 26	1 8	13 14	0 51	20 50	1 50	23 43	0 34	14 10	1 38	22 38	17 19	11 20	11 28	12 0			n.a.
S 29	19 19	27 53	4 49	23 58	1 57	18 10	0 5	24 29	1 9	13 12	0 51	20 49	1 50	23 43	0 34	14 11	1 38	22 38	17 19	11 25	11 29	12 3			n.a.
M30	19 33	28 15	4 25	24 17	1 58	18 32	0 2	24 33	1 9	13 9	0 51	20 48	1 50	23 42	0 34	14 11	1 38	22 37	17 18	11 29	11 30	12 6			n.a.
T 31	19n46	27s 9	3s48	24n34	1n58	18n53	0n 0	24n36	1n 9	13s 7	0n51	20n47	1n50	23n42	0n34	14n12	1s38	22n37	17n18	11s32	11s31	12s 9			n.a.

Julian Day Number = 1271555.5, Delta T = 08h16m40s
Ecliptic obliquity = 23°50'36, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'29, Lahiri = -20°57'29 Julian Calendar 1 May 1232 BCE == Greg. Calendar 20 Apr. 1232 BCE

The year -1231 astronomical counting style corresponds to year 1232 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1232 BCE
geocentric

JUNE 1232 BCE (-1231) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 52 31	27♉46'22	23♋58	13♊51	24♉25	20♊32	6°R24	6♌23	13♋38	12♉13	13°R 2	0°R16	0♓21	21♎27	n.a.	W 1
T 2	15 56 28	28°43'28	7♒ 2	15°39	25°39	21°10	6♏17	6°27	13°41	12°15	13♍ 2	0♓13	0°18	21°34	n.a.	T 2
F 3	16 0 25	29°40'33	20°21	17°25	26°52	21°47	6°11	6°31	13°44	12°17	13° 2	0°12	0°15	21°41	n.a.	F 3
S 4	16 4 21	0♊37'40	3♓59	19°10	28° 6	22°25	6° 4	6°36	13°47	12°19	13°D 2	0°12	0°11	21°48	n.a.	S 4
S 5	16 8 18	1°34'47	17°56	20°53	29°20	23° 3	5°58	6°40	13°50	12°21	13° 2	0°11	0° 8	21°54	n.a.	S 5
M 6	16 12 14	2°31'55	2♈14	22°33	0♊34	23°41	5°52	6°44	13°53	12°24	13° 2	0°10	0° 5	22° 1	n.a.	M 6
T 7	16 16 11	3°29'04	16°49	24°12	1°47	24°18	5°46	6°49	13°56	12°26	13° 2	0° 5	0° 2	22° 8	n.a.	T 7
W 8	16 20 7	4°26'14	1♉39	25°49	3° 1	24°56	5°40	6°53	13°59	12°28	13° 2	29♒58	29♒59	22°14	n.a.	W 8
T 9	16 24 4	5°23'24	16°35	27°23	4°15	25°34	5°34	6°58	14° 2	12°30	13° 3	29°49	29°55	22°21	n.a.	T 9
F 10	16 28 1	6°20'36	1♊31	28°56	5°29	26°12	5°29	7° 3	14° 5	12°32	13° 3	29°38	29°52	22°28	n.a.	F 10
S 11	16 31 57	7°17'48	16°16	0♋27	6°43	26°50	5°23	7° 7	14° 8	12°34	13° 3	29°27	29°49	22°34	n.a.	S 11
S 12	16 35 54	8°15'01	0♋42	1°56	7°57	27°28	5°18	7°12	14°11	12°36	13° 3	29°17	29°46	22°41	n.a.	S 12
M13	16 39 50	9°12'14	14°43	3°23	9°11	28° 5	5°12	7°17	14°15	12°38	13° 3	29° 9	29°43	22°48	n.a.	M13
T 14	16 43 47	10° 9'28	28°17	4°48	10°25	28°43	5° 7	7°22	14°18	12°40	13° 4	29° 4	29°40	22°54	n.a.	T 14
W15	16 47 43	11° 6'42	11♌24	6°11	11°38	29°21	5° 2	7°27	14°21	12°42	13° 4	29° 1	29°36	23° 1	n.a.	W15
T 16	16 51 40	12° 3'57	24° 6	7°32	12°52	29°59	4°58	7°32	14°25	12°44	13° 5	29°D 0	29°33	23° 8	n.a.	T 16
F 17	16 55 36	13° 1'12	6♍28	8°51	14° 6	0♋37	4°53	7°38	14°28	12°46	13° 5	29° 0	29°30	23°15	n.a.	F 17
S 18	16 59 33	13°58'28	18°34	10° 7	15°20	1°15	4°49	7°43	14°31	12°48	13° 5	29°R 0	29°27	23°21	n.a.	S 18
S 19	17 3 30	14°55'45	0♎30	11°21	16°34	1°53	4°44	7°48	14°35	12°50	13° 6	28°59	29°24	23°28	n.a.	S 19
M20	17 7 26	15°53'02	12°20	12°33	17°48	2°31	4°40	7°53	14°38	12°52	13° 6	28°56	29°21	23°35	n.a.	M20
T 21	17 11 23	16°50'21	24°11	13°43	19° 2	3° 9	4°36	7°59	14°41	12°54	13° 7	28°50	29°17	23°41	n.a.	T 21
W22	17 15 19	17°47'40	6♏ 5	14°50	20°16	3°47	4°32	8° 4	14°45	12°56	13° 8	28°42	29°14	23°48	n.a.	W22
T 23	17 19 16	18°44'59	18° 6	15°55	21°30	4°25	4°29	8°10	14°48	12°58	13° 8	28°32	29°11	23°55	n.a.	T 23
F 24	17 23 12	19°42'20	0♐17	16°57	22°44	5° 3	4°25	8°16	14°52	13° 0	13° 9	28°21	29° 8	24° 1	n.a.	F 24
S 25	17 27 9	20°39'42	12°39	17°56	23°59	5°41	4°22	8°21	14°55	13° 2	13° 9	28° 9	29° 5	24° 8	n.a.	S 25
S 26	17 31 5	21°37'05	25°12	18°52	25°13	6°19	4°19	8°27	14°59	13° 3	13°10	27°57	29° 1	24°15	n.a.	S 26
M27	17 35 2	22°34'29	7♑57	19°45	26°27	6°57	4°16	8°33	15° 2	13° 5	13°11	27°48	28°58	24°22	n.a.	M27
T 28	17 38 59	23°31'55	20°53	20°36	27°41	7°35	4°13	8°39	15° 6	13° 7	13°12	27°40	28°55	24°28	n.a.	T 28
W29	17 42 55	24°29'22	4♒ 1	21°22	28°55	8°13	4°10	8°44	15° 9	13° 9	13°13	27°36	28°52	24°35	n.a.	W29
T 30	17 46 52	25♊26'50	17♒20	22♋ 6	0♋ 9	8♋51	4♏ 8	8♌50	15♋13	13♉11	13♍13	27♒33	28♒49	24♎42	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 0	24s37	2s59	24n48	1n58	19n14	0n 2	24n39	1n 9	13s 5	0n50	20n46	1n50	23n42	0n34	14n13	1s38	22n36	17n17	11s34	11s32	12s12		n.a.
T 2	20 13	20 45	1 59	25 0	1 57	19 34	0 5	24 41	1 9	13 3	0 50	20 45	1 50	23 41	0 34	14 13	1 38	22 36	17 16	11 35	11 33	12 16		n.a.
F 3	20 25	15 46	0 52	25 9	1 56	19 54	0 7	24 44	1 9	13 1	0 50	20 43	1 50	23 41	0 34	14 14	1 38	22 35	17 16	11 35	11 34	12 19		n.a.
S 4	20 38	9 54	0n20	25 17	1 54	20 14	0 9	24 46	1 9	12 59	0 50	20 42	1 49	23 41	0 34	14 14	1 38	22 35	17 15	11 35	11 36	12 22		n.a.
S 5	20 49	3 26	1 32	25 22	1 51	20 32	0 12	24 49	1 9	12 58	0 49	20 41	1 49	23 40	0 34	14 15	1 38	22 34	17 15	11 36	11 37	12 25		n.a.
M 6	21 1	3n21	2 40	25 26	1 48	20 51	0 14	24 51	1 9	12 56	0 49	20 40	1 49	23 40	0 34	14 16	1 38	22 34	17 14	11 36	11 38	12 28		n.a.
T 7	21 12	10 5	3 40	25 27	1 44	21 8	0 17	24 53	1 9	12 54	0 49	20 38	1 49	23 40	0 34	14 16	1 38	22 33	17 14	11 38	11 39	12 31		n.a.
W 8	21 23	16 22	4 25	25 26	1 40	21 25	0 19	24 54	1 10	12 52	0 49	20 37	1 49	23 39	0 34	14 17	1 38	22 32	17 13	11 40	11 40	12 34		n.a.
T 9	21 34	21 44	4 53	25 24	1 35	21 42	0 21	24 56	1 10	12 50	0 49	20 36	1 49	23 39	0 34	14 18	1 38	22 32	17 12	11 44	11 41	12 37		n.a.
F 10	21 44	25 42	5 0	25 20	1 30	21 58	0 23	24 57	1 10	12 49	0 48	20 35	1 49	23 39	0 34	14 18	1 38	22 31	17 12	11 47	11 42	12 40		n.a.
S 11	21 54	27 53	4 48	25 15	1 24	22 13	0 26	24 58	1 10	12 47	0 48	20 33	1 49	23 38	0 34	14 19	1 38	22 31	17 11	11 51	11 44	12 43		n.a.
S 12	22 3	28 8	4 17	25 8	1 18	22 28	0 28	24 59	1 10	12 45	0 48	20 32	1 49	23 38	0 34	14 20	1 38	22 30	17 11	11 55	11 45	12 46		n.a.
M13	22 12	26 31	3 31	24 59	1 11	22 42	0 30	25 0	1 10	12 44	0 48	20 31	1 49	23 38	0 34	14 20	1 38	22 29	17 10	11 58	11 46	12 49		n.a.
T 14	22 21	23 23	2 35	24 49	1 4	22 55	0 32	25 0	1 10	12 42	0 47	20 29	1 49	23 37	0 34	14 21	1 38	22 29	17 9	12 0	11 47	12 52		n.a.
W15	22 29	19 7	1 32	24 38	0 57	23 8	0 35	25 1	1 10	12 41	0 47	20 28	1 48	23 37	0 34	14 21	1 38	22 28	17 9	12 1	11 48	12 55		n.a.
T 16	22 37	14 7	0 26	24 26	0 49	23 20	0 37	25 1	1 10	12 39	0 47	20 26	1 48	23 36	0 34	14 22	1 38	22 27	17 8	12 1	11 49	12 58		n.a.
F 17	22 45	8 41	0s40	24 13	0 40	23 31	0 39	25 1	1 10	12 38	0 47	20 25	1 48	23 36	0 34	14 23	1 38	22 27	17 8	12 1	11 50	13 1		n.a.
S 18	22 52	3 2	1 42	23 58	0 32	23 42	0 41	25 0	1 10	12 37	0 46	20 23	1 48	23 36	0 34	14 23	1 38	22 26	17 7	12 1	11 51	13 4		n.a.
S 19	22 58	2s37	2 39	23 43	0 22	23 52	0 43	25 0	1 10	12 36	0 46	20 22	1 48	23 35	0 34	14 24	1 38	22 25	17 6	12 2	11 53	13 7		n.a.
M20	23 5	8 9	3 28	23 27	0 13	24 1	0 45	24 59	1 10	12 34	0 46	20 20	1 48	23 35	0 34	14 24	1 38	22 24	17 6	12 3	11 54	13 10		n.a.
T 21	23 11	13 23	4 9	23 11	0 3	24 10	0 47	24 59	1 10	12 33	0 46	20 19	1 48	23 35	0 34	14 25	1 38	22 24	17 5	12 4	11 55	13 13		n.a.
W22	23 16	18 9	4 39	22 53	0s 7	24 18	0 49	24 58	1 10	12 32	0 46	20 17	1 48	23 34	0 34	14 25	1 38	22 23	17 5	12 7	11 56	13 16		n.a.
T 23	23 21	22 15	4 57	22 35	0 17	24 25	0 51	24 56	1 10	12 31	0 45	20 16	1 48	23 34	0 34	14 26	1 38	22 22	17 4	12 11	11 57	13 19		n.a.
F 24	23 26	25 28	5 2	22 17	0 28	24 31	0 53	24 55	1 10	12 30	0 45	20 14	1 48	23 33	0 34	14 27	1 38	22 21	17 4	12 15	11 58	13 22		n.a.
S 25	23 30	27 31	4 52	21 58	0 39	24 37	0 55	24 54	1 11	12 29	0 45	20 13	1 48	23 33	0 34	14 27	1 38	22 21	17 3	12 19	11 59	13 26		n.a.
S 26	23 34	28 14	4 29	21 40	0 50	24 42	0 56	24 52	1 11	12 28	0 45	20 11	1 48	23 33	0 34	14 28	1 38	22 20	17 2	12 23	12 0	13 29		n.a.
M27	23 38	27 27	3 52	21 21	1 2	24 46	0 58	24 50	1 11	12 28	0 44	20 9	1 48	23 32	0 34	14 28	1 38	22 19	17 2	12 26	12 2	13 32		n.a.
T 28	23 41	25 11	3 2	21 2	1 13	24 49	1 0	24 48	1 11	12 27	0 44	20 8	1 47	23 32	0 34	14 29	1 38	22 18	17 1	12 29	12 3	13 34		n.a.
W29	23 44	21 33	2 2	20 43	1 25	24 52	1 2	24 45	1 11	12 26	0 44	20 6	1 47	23 31	0 34	14 29	1 38	22 17	17 1	12 31	12 4	13 37		n.a.
T 30	23n46	16s46	0s54	20n24	1s37	24n54	1n 3	24n43	1n11	12s26	0n44	20n 5	1n47	23n31	0n34	14n30	1s38	22n16	17n 0	12s32	12s 5	13s40		n.a.

Julian Day Number = 1271586.5, Delta T = 08h16m38s
Ecliptic obliquity = 23°50'35, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'25, Lahiri = -20°57'25 Julian Calendar 1 June 1232 BCE == Greg. Calendar 21 May 1232 BCE

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ASTRODIENST EPHEMERIS for the year 1232 BCE
geocentric

JULY 1232 BCE (-1231) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 50 48	26♊24'19	0♓51	22♋46	1♋23	9♋29	4°R 6	8♌56	15♋17	13♉12	13♍14	27°D33	28♒46	24♎48	n.a.	F 1
S 2	17 54 45	27°21'51	14°34	23°22	2°37	10° 7	4♏ 3	9° 2	15°20	13°14	13°15	27♒33	28°42	24°55	n.a.	S 2
S 3	17 58 41	28°19'23	28°30	23°53	3°52	10°45	4° 2	9° 9	15°24	13°16	13°16	27°R34	28°39	25° 2	n.a.	S 3
M 4	18 2 38	29°16'58	12♈38	24°21	5° 6	11°23	4° 0	9°15	15°28	13°18	13°17	27°33	28°36	25° 8	n.a.	M 4
T 5	18 6 35	0♋14'34	26°58	24°44	6°20	12° 2	3°58	9°21	15°31	13°19	13°18	27°30	28°33	25°15	n.a.	T 5
W 6	18 10 31	1°12'12	11♉27	25° 3	7°34	12°40	3°57	9°27	15°35	13°21	13°19	27°25	28°30	25°22	n.a.	W 6
T 7	18 14 28	2° 9'52	26° 0	25°16	8°49	13°18	3°56	9°33	15°39	13°22	13°20	27°19	28°27	25°29	n.a.	T 7
F 8	18 18 24	3° 7'33	10♊32	25°25	10° 3	13°56	3°55	9°40	15°42	13°24	13°21	27°10	28°23	25°35	n.a.	F 8
S 9	18 22 21	4° 5'16	24°55	25°R28	11°17	14°35	3°54	9°46	15°46	13°26	13°23	27° 2	28°20	25°42	n.a.	S 9
S 10	18 26 17	5° 3'01	9♋ 4	25°26	12°31	15°13	3°54	9°53	15°50	13°27	13°24	26°54	28°17	25°49	n.a.	S 10
M11	18 30 14	6° 0'47	22°53	25°18	13°46	15°51	3°53	9°59	15°53	13°29	13°25	26°48	28°14	25°55	n.a.	M11
T 12	18 34 10	6°58'34	6♌20	25° 4	15° 0	16°30	3°53	10° 6	15°57	13°30	13°26	26°44	28°11	26° 2	n.a.	T 12
W13	18 38 7	7°56'23	19°23	24°45	16°14	17° 8	3°D53	10°12	16° 1	13°32	13°27	26°42	28° 7	26° 9	n.a.	W13
T 14	18 42 4	8°54'14	2♍ 5	24°20	17°29	17°46	3°53	10°19	16° 5	13°33	13°29	26°D42	28° 4	26°15	n.a.	T 14
F 15	18 46 0	9°52'05	14°27	23°49	18°43	18°25	3°53	10°25	16° 8	13°35	13°30	26°43	28° 1	26°22	n.a.	F 15
S 16	18 49 57	10°49'59	26°35	23°13	19°57	19° 3	3°54	10°32	16°12	13°36	13°31	26°44	27°58	26°29	n.a.	S 16
S 17	18 53 53	11°47'53	8♎32	22°32	21°12	19°42	3°55	10°39	16°16	13°37	13°33	26°R45	27°55	26°36	n.a.	S 17
M18	18 57 50	12°45'49	20°24	21°46	22°26	20°20	3°56	10°45	16°20	13°39	13°34	26°45	27°52	26°42	n.a.	M18
T 19	19 1 46	13°43'47	2♏17	20°57	23°41	20°59	3°57	10°52	16°23	13°40	13°36	26°43	27°48	26°49	n.a.	T 19
W20	19 5 43	14°41'46	14°13	20° 4	24°55	21°37	3°58	10°59	16°27	13°41	13°37	26°39	27°45	26°56	n.a.	W20
T 21	19 9 39	15°39'47	26°19	19° 9	26° 9	22°16	3°59	11° 6	16°31	13°43	13°39	26°34	27°42	27° 2	n.a.	T 21
F 22	19 13 36	16°37'49	8♐36	18°13	27°24	22°54	4° 1	11°13	16°35	13°44	13°40	26°28	27°39	27° 9	n.a.	F 22
S 23	19 17 33	17°35'53	21° 7	17°17	28°38	23°33	4° 3	11°20	16°38	13°45	13°42	26°21	27°36	27°16	n.a.	S 23
S 24	19 21 29	18°33'59	3♑54	16°22	29°53	24°11	4° 5	11°27	16°42	13°46	13°43	26°14	27°33	27°23	n.a.	S 24
M25	19 25 26	19°32'06	16°57	15°30	1♌ 7	24°50	4° 7	11°34	16°46	13°47	13°45	26° 9	27°29	27°29	n.a.	M25
T 26	19 29 22	20°30'16	0♒15	14°41	2°21	25°28	4°10	11°41	16°50	13°48	13°46	26° 5	27°26	27°36	n.a.	T 26
W27	19 33 19	21°28'27	13°46	13°56	3°36	26° 7	4°12	11°48	16°54	13°49	13°48	26° 2	27°23	27°43	n.a.	W27
T 28	19 37 15	22°26'40	27°29	13°18	4°50	26°46	4°15	11°55	16°57	13°51	13°50	26°D 2	27°20	27°49	n.a.	T 28
F 29	19 41 12	23°24'55	11♓21	12°46	6° 5	27°24	4°18	12° 2	17° 1	13°52	13°52	26° 2	27°17	27°56	n.a.	F 29
S 30	19 45 8	24°23'13	25°21	12°22	7°19	28° 3	4°21	12° 9	17° 5	13°53	13°53	26° 4	27°13	28° 3	n.a.	S 30
S 31	19 49 5	25♋21'32	9♈27	12♋ 6	8♌34	28♋42	4♏24	12♌16	17♋ 9	13♉54	13♍55	26♒ 5	27♒10	28♎ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n48	11s 5	0n18	20n 5	1s49	24n55	1n 5	24n40	1n11	12s25	0n43	20n 3	1n47	23n31	0n34	14n30	1s38	22n16	17n 0	12s32	12s 6	13s43		n.a.	
S 2	23 49	4 48	1 30	19 47	2 2	24 55	1 6	24 37	1 11	12 25	0 43	20 1	1 47	23 30	0 34	14 31	1 38	22 15	16 59	12 31	12 7	13 46		n.a.	
S 3	23 50	1n48	2 38	19 30	2 14	24 55	1 8	24 34	1 11	12 24	0 43	19 59	1 47	23 30	0 34	14 31	1 39	22 14	16 58	12 31	12 8	13 49		n.a.	
M 4	23 50	8 23	3 37	19 13	2 26	24 54	1 9	24 31	1 11	12 24	0 43	19 58	1 47	23 29	0 34	14 32	1 39	22 13	16 58	12 32	12 9	13 52		n.a.	
T 5	23 51	14 39	4 23	18 57	2 38	24 52	1 11	24 28	1 11	12 24	0 42	19 56	1 47	23 29	0 34	14 32	1 39	22 12	16 57	12 33	12 11	13 55		n.a.	
W 6	23 50	20 10	4 54	18 41	2 50	24 49	1 12	24 24	1 11	12 23	0 42	19 54	1 47	23 28	0 34	14 33	1 39	22 11	16 57	12 34	12 12	13 58		n.a.	
T 7	23 49	24 31	5 5	18 27	3 2	24 46	1 13	24 20	1 11	12 23	0 42	19 52	1 47	23 28	0 34	14 33	1 39	22 10	16 56	12 37	12 13	14 1		n.a.	
F 8	23 48	27 18	4 57	18 14	3 14	24 42	1 15	24 16	1 11	12 23	0 42	19 51	1 47	23 27	0 34	14 34	1 39	22 9	16 56	12 39	12 14	14 4		n.a.	
S 9	23 47	28 15	4 30	18 3	3 25	24 37	1 16	24 12	1 11	12 23	0 41	19 49	1 47	23 27	0 34	14 34	1 39	22 8	16 55	12 42	12 15	14 7		n.a.	
S 10	23 45	27 18	3 47	17 53	3 36	24 31	1 17	24 8	1 11	12 23	0 41	19 47	1 47	23 27	0 34	14 34	1 39	22 7	16 55	12 45	12 16	14 10		n.a.	
M11	23 42	24 41	2 52	17 44	3 46	24 25	1 18	24 3	1 11	12 23	0 41	19 45	1 47	23 26	0 34	14 35	1 39	22 6	16 54	12 47	12 17	14 13		n.a.	
T 12	23 39	20 44	1 47	17 37	3 55	24 17	1 19	23 58	1 11	12 23	0 41	19 43	1 47	23 26	0 34	14 35	1 39	22 5	16 54	12 49	12 18	14 16		n.a.	
W13	23 36	15 53	0 39	17 32	4 4	24 9	1 20	23 53	1 11	12 24	0 40	19 42	1 47	23 25	0 34	14 36	1 39	22 4	16 53	12 49	12 20	14 19		n.a.	
T 14	23 32	10 28	0s29	17 29	4 11	24 1	1 21	23 48	1 11	12 24	0 40	19 40	1 47	23 25	0 34	14 36	1 39	22 3	16 52	12 49	12 21	14 22		n.a.	
F 15	23 28	4 46	1 34	17 28	4 18	23 51	1 22	23 43	1 11	12 24	0 40	19 38	1 47	23 24	0 34	14 36	1 39	22 2	16 52	12 49	12 22	14 25		n.a.	
S 16	23 24	0s58	2 34	17 29	4 23	23 41	1 22	23 38	1 11	12 25	0 40	19 36	1 47	23 24	0 34	14 37	1 39	22 1	16 51	12 49	12 23	14 28		n.a.	
S 17	23 19	6 36	3 27	17 33	4 26	23 30	1 23	23 32	1 10	12 25	0 39	19 34	1 47	23 23	0 34	14 37	1 39	22 0	16 51	12 48	12 24	14 31		n.a.	
M18	23 13	11 57	4 10	17 38	4 28	23 19	1 24	23 26	1 10	12 26	0 39	19 32	1 47	23 23	0 34	14 38	1 39	21 59	16 50	12 48	12 25	14 34		n.a.	
T 19	23 7	16 52	4 42	17 45	4 29	23 7	1 24	23 20	1 10	12 26	0 39	19 30	1 47	23 23	0 34	14 38	1 39	21 58	16 50	12 49	12 26	14 37		n.a.	
W20	23 1	21 10	5 2	17 55	4 27	22 54	1 25	23 14	1 10	12 27	0 39	19 28	1 47	23 22	0 34	14 38	1 39	21 57	16 49	12 50	12 27	14 39		n.a.	
T 21	22 54	24 39	5 9	18 6	4 23	22 40	1 25	23 8	1 10	12 28	0 38	19 26	1 47	23 22	0 34	14 39	1 39	21 56	16 49	12 52	12 28	14 42		n.a.	
F 22	22 47	27 5	5 3	18 19	4 18	22 26	1 26	23 1	1 10	12 29	0 38	19 24	1 47	23 21	0 34	14 39	1 39	21 55	16 49	12 54	12 30	14 45		n.a.	
S 23	22 40	28 13	4 41	18 34	4 11	22 11	1 26	22 54	1 10	12 29	0 38	19 22	1 47	23 21	0 34	14 39	1 39	21 54	16 48	12 57	12 31	14 48		n.a.	
S 24	22 32	27 53	4 6	18 50	4 1	21 55	1 26	22 47	1 10	12 30	0 38	19 20	1 47	23 20	0 34	14 40	1 39	21 53	16 48	12 59	12 32	14 51		n.a.	
M25	22 24	26 0	3 16	19 7	3 50	21 39	1 26	22 40	1 10	12 31	0 37	19 19	1 46	23 20	0 34	14 40	1 39	21 52	16 47	13 1	12 33	14 54		n.a.	
T 26	22 15	22 39	2 16	19 25	3 37	21 22	1 27	22 33	1 10	12 32	0 37	19 17	1 46	23 19	0 34	14 40	1 39	21 51	16 47	13 2	12 34	14 57		n.a.	
W27	22 6	18 2	1 6	19 44	3 23	21 5	1 27	22 26	1 10	12 33	0 37	19 15	1 46	23 19	0 34	14 41	1 39	21 50	16 46	13 3	12 35	15 0		n.a.	
T 28	21 56	12 26	0n 8	20 4	3 7	20 47	1 27	22 18	1 10	12 35	0 37	19 13	1 46	23 18	0 34	14 41	1 39	21 49	16 46	13 3	12 36	15 3		n.a.	
F 29	21 46	6 9	1 23	20 23	2 51	20 28	1 27	22 10	1 10	12 36	0 36	19 11	1 46	23 18	0 34	14 41	1 40	21 48	16 45	13 3	12 37	15 5		n.a.	
S 30	21 36	0n28	2 33	20 43	2 33	20 9	1 26	22 2	1 10	12 37	0 36	19 8	1 46	23 17	0 34	14 41	1 40	21 47	16 45	13 3	12 38	15 8		n.a.	
S 31	21n25	7n 5	3n35	21n 2	2s15	19n49	1n26	21n54	1n10	12s38	0n36	19n 6	1n47	23n17	0n34	14n42	1s40	21n45	16n44	13s 2	12s40	15s11		n.a.	

Julian Day Number = 1271616.5, Delta T = 08h16m37s
Ecliptic obliquity = 23°50'34, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'21, Lahiri = -20°57'21 Julian Calendar 1 July 1232 BCE == Greg. Calendar 20 June 1232 BCE

The year -1231 astronomical counting style corresponds to year 1232 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1232 BCE
geocentric

AUGUST 1232 BCE (-1231) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 53 2	26♋19'54	23♈37	11°D58	9♌48	29♋21	4♏28	12♌23	17♋12	13♉54	13♍57	26°R 6	27♒ 7	28♎16	n.a.	M 1
T 2	19 56 58	27°18'19	7♉49	11♋59	11° 3	29°59	4°31	12°30	17°16	13°55	13°59	26♒ 6	27° 4	28°23	n.a.	T 2
W 3	20 0 55	28°16'46	22° 2	12°10	12°17	0♌38	4°35	12°37	17°20	13°56	14° 0	26° 4	27° 1	28°30	n.a.	W 3
T 4	20 4 51	29°15'15	6♊12	12°29	13°32	1°17	4°39	12°44	17°23	13°57	14° 2	26° 1	26°58	28°36	n.a.	T 4
F 5	20 8 48	0♌13'46	20°16	12°58	14°46	1°56	4°43	12°52	17°27	13°58	14° 4	25°58	26°54	28°43	n.a.	F 5
S 6	20 12 44	1°12'20	4♋11	13°35	16° 1	2°35	4°48	12°59	17°31	13°59	14° 6	25°54	26°51	28°50	n.a.	S 6
S 7	20 16 41	2°10'56	17°54	14°20	17°15	3°14	4°52	13° 6	17°35	13°59	14° 8	25°51	26°48	28°56	n.a.	S 7
M 8	20 20 37	3° 9'34	1♌22	15°14	18°30	3°53	4°57	13°13	17°38	14° 0	14°10	25°48	26°45	29° 3	n.a.	M 8
T 9	20 24 34	4° 8'14	14°33	16°15	19°44	4°32	5° 2	13°21	17°42	14° 1	14°12	25°46	26°42	29°10	n.a.	T 9
W10	20 28 31	5° 6'56	27°25	17°23	20°59	5°11	5° 7	13°28	17°46	14° 2	14°14	25°D46	26°39	29°17	n.a.	W10
T 11	20 32 27	6° 5'40	10♍ 1	18°38	22°13	5°50	5°12	13°35	17°49	14° 2	14°16	25°47	26°35	29°23	n.a.	T 11
F 12	20 36 24	7° 4'26	22°20	19°58	23°28	6°29	5°17	13°43	17°53	14° 3	14°18	25°48	26°32	29°30	n.a.	F 12
S 13	20 40 20	8° 3'14	4♎27	21°23	24°42	7° 8	5°23	13°50	17°56	14° 3	14°20	25°49	26°29	29°37	n.a.	S 13
S 14	20 44 17	9° 2'04	16°25	22°53	25°57	7°47	5°29	13°57	18° 0	14° 4	14°22	25°51	26°26	29°43	n.a.	S 14
M15	20 48 13	10° 0'55	28°17	24°27	27°11	8°26	5°34	14° 4	18° 4	14° 4	14°24	25°52	26°23	29°50	n.a.	M15
T 16	20 52 10	10°59'49	10♏ 9	26° 5	28°26	9° 6	5°40	14°12	18° 7	14° 5	14°26	25°R52	26°19	29°57	n.a.	T 16
W17	20 56 6	11°58'45	22° 6	27°45	29°40	9°45	5°47	14°19	18°11	14° 5	14°28	25°52	26°16	0♏ 4	n.a.	W17
T 18	21 0 3	12°57'42	4♐12	29°27	0♍55	10°24	5°53	14°26	18°14	14° 6	14°30	25°51	26°13	0°10	n.a.	T 18
F 19	21 3 59	13°56'42	16°31	1♌12	2° 9	11° 3	5°59	14°34	18°18	14° 6	14°33	25°50	26°10	0°17	n.a.	F 19
S 20	21 7 56	14°55'43	29° 7	2°57	3°24	11°43	6° 6	14°41	18°21	14° 6	14°35	25°48	26° 7	0°24	n.a.	S 20
S 21	21 11 53	15°54'47	12♑ 2	4°44	4°38	12°22	6°13	14°48	18°25	14° 7	14°37	25°47	26° 4	0°30	n.a.	S 21
M22	21 15 49	16°53'52	25°17	6°32	5°53	13° 1	6°20	14°56	18°28	14° 7	14°39	25°46	26° 0	0°37	n.a.	M22
T 23	21 19 46	17°53'00	8♒53	8°20	7° 7	13°41	6°27	15° 3	18°32	14° 7	14°41	25°45	25°57	0°44	n.a.	T 23
W24	21 23 42	18°52'09	22°48	10° 8	8°22	14°20	6°34	15°10	18°35	14° 7	14°44	25°D45	25°54	0°51	n.a.	W24
T 25	21 27 39	19°51'21	6♓57	11°57	9°36	14°59	6°41	15°18	18°38	14° 7	14°46	25°45	25°51	0°57	n.a.	T 25
F 26	21 31 35	20°50'35	21°18	13°45	10°51	15°39	6°49	15°25	18°42	14° 8	14°48	25°45	25°48	1° 4	n.a.	F 26
S 27	21 35 32	21°49'52	5♈44	15°33	12° 5	16°18	6°56	15°32	18°45	14° 8	14°50	25°45	25°45	1°11	n.a.	S 27
S 28	21 39 28	22°49'10	20°11	17°21	13°19	16°58	7° 4	15°40	18°48	14° 8	14°53	25°46	25°41	1°17	n.a.	S 28
M29	21 43 25	23°48'32	4♉35	19° 8	14°34	17°37	7°12	15°47	18°52	14°R 8	14°55	25°46	25°38	1°24	n.a.	M29
T 30	21 47 21	24°47'56	18°51	20°55	15°48	18°17	7°20	15°54	18°55	14° 8	14°57	25°46	25°35	1°31	n.a.	T 30
W31	21 51 18	25♌47'22	2♊58	22♌41	17♍ 3	18♌57	7♏28	16♌ 1	18♋58	14♉ 8	15♍ 0	25♒46	25♒32	1♏37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	21n14	13n24	4n24	21n21	1s57	19n28	1n26	21n46	1n10	12s40	0n36	19n 4	1n47	23n16	0n34	14n42	1s40	21n44	16n44	13s 2		12s41		15s14			n.a.
T 2	21 3	19 1	4 57	21 39	1 39	19 7	1 26	21 38	1 10	12 41	0 35	19 2	1 47	23 16	0 34	14 42	1 40	21 43	16 44	13 2		12 42		15 17			n.a.
W 3	20 51	23 36	5 12	21 56	1 21	18 46	1 25	21 29	1 10	12 43	0 35	19 0	1 47	23 15	0 34	14 42	1 40	21 42	16 43	13 2		12 43		15 20			n.a.
T 4	20 39	26 46	5 8	22 12	1 3	18 24	1 25	21 20	1 9	12 44	0 35	18 58	1 47	23 15	0 34	14 42	1 40	21 41	16 43	13 3		12 44		15 23			n.a.
F 5	20 27	28 14	4 46	22 27	0 45	18 1	1 24	21 11	1 9	12 46	0 35	18 56	1 47	23 15	0 34	14 43	1 40	21 40	16 42	13 5		12 45		15 26			n.a.
S 6	20 14	27 53	4 6	22 40	0 28	17 38	1 24	21 2	1 9	12 48	0 35	18 54	1 47	23 14	0 34	14 43	1 40	21 39	16 42	13 6		12 46		15 28			n.a.
S 7	20 0	25 49	3 13	22 51	0 12	17 14	1 23	20 53	1 9	12 50	0 34	18 52	1 47	23 14	0 34	14 43	1 40	21 38	16 42	13 7		12 47		15 31			n.a.
M 8	19 47	22 18	2 10	23 1	0n 3	16 50	1 22	20 44	1 9	12 51	0 34	18 50	1 47	23 13	0 34	14 43	1 40	21 37	16 41	13 8		12 48		15 34			n.a.
T 9	19 33	17 43	1 1	23 8	0 18	16 26	1 21	20 34	1 9	12 53	0 34	18 48	1 47	23 13	0 34	14 43	1 40	21 35	16 41	13 9		12 49		15 37			n.a.
W10	19 19	12 26	0s 9	23 12	0 31	16 1	1 21	20 24	1 9	12 55	0 34	18 46	1 47	23 12	0 34	14 44	1 40	21 34	16 41	13 9		12 51		15 40			n.a.
T 11	19 4	6 45	1 18	23 14	0 43	15 35	1 20	20 14	1 9	12 57	0 33	18 44	1 47	23 12	0 34	14 44	1 40	21 33	16 40	13 8		12 52		15 43			n.a.
F 12	18 49	0 56	2 21	23 14	0 55	15 10	1 19	20 4	1 9	12 59	0 33	18 41	1 47	23 11	0 34	14 44	1 40	21 32	16 40	13 8		12 53		15 45			n.a.
S 13	18 34	4s49	3 18	23 11	1 5	14 43	1 18	19 54	1 9	13 1	0 33	18 39	1 47	23 11	0 34	14 44	1 40	21 31	16 39	13 8		12 54		15 48			n.a.
S 14	18 18	10 18	4 4	23 5	1 14	14 17	1 16	19 44	1 8	13 3	0 33	18 37	1 47	23 10	0 34	14 44	1 40	21 30	16 39	13 7		12 55		15 51			n.a.
M15	18 2	15 24	4 40	22 56	1 22	13 50	1 15	19 33	1 8	13 5	0 32	18 35	1 47	23 10	0 34	14 44	1 40	21 29	16 39	13 7		12 56		15 54			n.a.
T 16	17 46	19 55	5 4	22 45	1 29	13 22	1 14	19 23	1 8	13 8	0 32	18 33	1 47	23 9	0 34	14 44	1 40	21 28	16 38	13 7		12 57		15 57			n.a.
W17	17 29	23 40	5 15	22 31	1 35	12 55	1 13	19 12	1 8	13 10	0 32	18 31	1 47	23 9	0 34	14 44	1 40	21 26	16 38	13 7		12 58		15 59			n.a.
T 18	17 12	26 27	5 13	22 14	1 40	12 27	1 11	19 1	1 8	13 12	0 32	18 29	1 47	23 8	0 34	14 44	1 40	21 25	16 38	13 7		12 59		16 2			n.a.
F 19	16 55	28 3	4 56	21 55	1 44	11 58	1 10	18 50	1 8	13 15	0 32	18 27	1 47	23 8	0 34	14 44	1 41	21 24	16 38	13 7		13 0		16 5			n.a.
S 20	16 38	28 15	4 24	21 34	1 47	11 29	1 8	18 39	1 8	13 17	0 31	18 24	1 47	23 7	0 34	14 44	1 41	21 23	16 37	13 8		13 2		16 8			n.a.
S 21	16 20	26 55	3 39	21 10	1 50	11 0	1 7	18 27	1 8	13 20	0 31	18 22	1 47	23 7	0 34	14 45	1 41	21 22	16 37	13 8		13 3		16 11			n.a.
M22	16 2	24 4	2 41	20 45	1 51	10 31	1 5	18 16	1 7	13 22	0 31	18 20	1 47	23 7	0 34	14 45	1 41	21 21	16 37	13 9		13 4		16 13			n.a.
T 23	15 44	19 49	1 32	20 17	1 52	10 2	1 4	18 4	1 7	13 25	0 31	18 18	1 47	23 6	0 34	14 45	1 41	21 20	16 36	13 9		13 5		16 16			n.a.
W24	15 25	14 24	0 16	19 48	1 52	9 32	1 2	17 53	1 7	13 27	0 31	18 16	1 47	23 6	0 34	14 45	1 41	21 19	16 36	13 9		13 6		16 19			n.a.
T 25	15 6	8 9	1n 2	19 17	1 52	9 2	1 0	17 41	1 7	13 30	0 30	18 14	1 47	23 5	0 34	14 45	1 41	21 17	16 36	13 9		13 7		16 22			n.a.
F 26	14 47	1 25	2 17	18 44	1 51	8 31	0 58	17 29	1 7	13 33	0 30	18 12	1 48	23 5	0 34	14 45	1 41	21 16	16 36	13 9		13 8		16 24			n.a.
S 27	14 28	5n26	3 24	18 10	1 49	8 1	0 56	17 16	1 7	13 35	0 30	18 9	1 48	23 4	0 34	14 45	1 41	21 15	16 36	13 9		13 9		16 27			n.a.
S 28	14 8	11 59	4 18	17 35	1 47	7 30	0 55	17 4	1 6	13 38	0 30	18 7	1 48	23 4	0 34	14 45	1 41	21 14	16 35	13 9		13 10		16 30			n.a.
M29	13 49	17 53	4 56	16 59	1 44	6 59	0 53	16 52	1 6	13 41	0 30	18 5	1 48	23 3	0 34	14 44	1 41	21 13	16 35	13 9		13 11		16 33			n.a.
T 30	13 28	22 45	5 15	16 21	1 41	6 28	0 51	16 39	1 6	13 44	0 29	18 3	1 48	23 3	0 34	14 44	1 41	21 12	16 35	13 9		13 12		16 35			n.a.
W31	13n 8	26n14	5n15	15n43	1n37	5n56	0n48	16n26	1n 6	13s47	0n29	18n 1	1n48	23n 3	0n34	14n44	1s41	21n11	16n35	13s 9		13s14		16s38			n.a.

Julian Day Number = 1271647.5, Delta T = 08h16m35s
Ecliptic obliquity = 23°50'35, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'17, Lahiri = -20°57'16 Julian Calendar 1 Aug. 1232 BCE == Greg. Calendar 21 July 1232 BCE

The year -1231 astronomical counting style corresponds to year 1232 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1232 BCE
geocentric

SEPTEMBER 1232 BCE (-1231) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 55 15	26♌46'51	16♊53	24♌27	18♍17	19♌36	7♏37	16♌ 9	19♋ 1	14°R 8	15♍ 2	25♒46	25♒29	1♏44	n.a.	T 1
F 2	21 59 11	27°46'23	0♋35	26°12	19°32	20°16	7°45	16°16	19° 4	14♉ 7	15° 4	25°46	25°25	1°51	n.a.	F 2
S 3	22 3 8	28°45'56	14° 5	27°56	20°46	20°56	7°54	16°23	19° 7	14° 7	15° 7	25°46	25°22	1°58	n.a.	S 3
S 4	22 7 4	29°45'33	27°21	29°40	22° 0	21°35	8° 2	16°30	19°11	14° 7	15° 9	25°47	25°19	2° 4	n.a.	S 4
M 5	22 11 1	0♍45'11	10♌24	1♍22	23°15	22°15	8°11	16°37	19°14	14° 7	15°11	25°47	25°16	2°11	n.a.	M 5
T 6	22 14 57	1°44'52	23°13	3° 5	24°29	22°55	8°20	16°45	19°17	14° 7	15°14	25°R47	25°13	2°18	n.a.	T 6
W 7	22 18 54	2°44'35	5♍50	4°46	25°44	23°35	8°29	16°52	19°20	14° 6	15°16	25°47	25°10	2°24	n.a.	W 7
T 8	22 22 50	3°44'20	18°14	6°27	26°58	24°15	8°38	16°59	19°23	14° 6	15°19	25°47	25° 6	2°31	n.a.	T 8
F 9	22 26 47	4°44'07	0♎26	8° 7	28°13	24°54	8°48	17° 6	19°26	14° 6	15°21	25°46	25° 3	2°38	n.a.	F 9
S 10	22 30 44	5°43'56	12°29	9°47	29°27	25°34	8°57	17°13	19°28	14° 5	15°23	25°44	25° 0	2°45	n.a.	S 10
S 11	22 34 40	6°43'47	24°25	11°25	0♎41	26°14	9° 7	17°20	19°31	14° 5	15°26	25°43	24°57	2°51	n.a.	S 11
M12	22 38 37	7°43'40	6♏17	13° 4	1°56	26°54	9°16	17°27	19°34	14° 4	15°28	25°41	24°54	2°58	n.a.	M12
T 13	22 42 33	8°43'35	18° 8	14°41	3°10	27°34	9°26	17°34	19°37	14° 4	15°31	25°40	24°50	3° 5	n.a.	T 13
W14	22 46 30	9°43'32	0♐ 3	16°18	4°24	28°14	9°36	17°41	19°40	14° 3	15°33	25°39	24°47	3°11	n.a.	W14
T 15	22 50 26	10°43'31	12° 6	17°54	5°39	28°54	9°46	17°48	19°42	14° 3	15°35	25°D39	24°44	3°18	n.a.	T 15
F 16	22 54 23	11°43'31	24°22	19°30	6°53	29°35	9°56	17°55	19°45	14° 2	15°38	25°39	24°41	3°25	n.a.	F 16
S 17	22 58 19	12°43'34	6♑55	21° 5	8° 7	0♍15	10° 6	18° 2	19°48	14° 2	15°40	25°40	24°38	3°32	n.a.	S 17
S 18	23 2 16	13°43'38	19°49	22°40	9°22	0°55	10°17	18° 9	19°50	14° 1	15°43	25°42	24°35	3°38	n.a.	S 18
M19	23 6 12	14°43'44	3♒ 7	24°14	10°36	1°35	10°27	18°16	19°53	14° 0	15°45	25°43	24°31	3°45	n.a.	M19
T 20	23 10 9	15°43'51	16°51	25°48	11°50	2°15	10°38	18°23	19°55	14° 0	15°48	25°44	24°28	3°52	n.a.	T 20
W21	23 14 6	16°44'01	1♓ 0	27°21	13° 4	2°56	10°48	18°29	19°58	13°59	15°50	25°R44	24°25	3°58	n.a.	W21
T 22	23 18 2	17°44'12	15°30	28°54	14°18	3°36	10°59	18°36	20° 0	13°58	15°52	25°43	24°22	4° 5	n.a.	T 22
F 23	23 21 59	18°44'25	0♈16	0♎26	15°33	4°16	11°10	18°43	20° 3	13°57	15°55	25°41	24°19	4°12	n.a.	F 23
S 24	23 25 55	19°44'40	15°11	1°58	16°47	4°56	11°21	18°49	20° 5	13°57	15°57	25°38	24°16	4°19	n.a.	S 24
S 25	23 29 52	20°44'57	0♉ 6	3°29	18° 1	5°37	11°32	18°56	20° 7	13°56	16° 0	25°34	24°12	4°25	n.a.	S 25
M26	23 33 48	21°45'17	14°52	5° 0	19°15	6°17	11°43	19° 3	20°10	13°55	16° 2	25°31	24° 9	4°32	n.a.	M26
T 27	23 37 45	22°45'38	29°24	6°30	20°29	6°58	11°54	19° 9	20°12	13°54	16° 5	25°28	24° 6	4°39	n.a.	T 27
W28	23 41 41	23°46'02	13♊38	8° 0	21°43	7°38	12° 5	19°16	20°14	13°53	16° 7	25°26	24° 3	4°45	n.a.	W28
T 29	23 45 38	24°46'28	27°31	9°30	22°58	8°19	12°17	19°22	20°16	13°52	16° 9	25°D26	24° 0	4°52	n.a.	T 29
F 30	23 49 35	25♍46'56	11♋ 3	10♎59	24♎12	8♍59	12♏28	19♌28	20♋18	13♉51	16♍12	25♒27	23♒56	4♏59	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n48	28n 5	4n56	15n 4	1n34	5n25	0n46	16n14	1n 6	13s50	0n29	17n59	1n48	23n 2	0n34	14n44	1s41	21n10	16n35	13s 9	13s15	16s41		n.a.
F 2	12 27	28 11	4 21	14 24	1 29	4 53	0 44	16 1	1 6	13 52	0 29	17 57	1 48	23 2	0 34	14 44	1 41	21 9	16 34	13 9	13 16	16 44		n.a.
S 3	12 6	26 35	3 31	13 43	1 25	4 22	0 42	15 48	1 5	13 55	0 29	17 54	1 48	23 1	0 34	14 44	1 41	21 7	16 34	13 8	13 17	16 46		n.a.
S 4	11 45	23 31	2 31	13 2	1 20	3 50	0 40	15 34	1 5	13 59	0 28	17 52	1 48	23 1	0 34	14 44	1 41	21 6	16 34	13 8	13 18	16 49		n.a.
M 5	11 23	19 17	1 24	12 20	1 15	3 18	0 37	15 21	1 5	14 2	0 28	17 50	1 48	23 0	0 35	14 44	1 41	21 5	16 34	13 8	13 19	16 52		n.a.
T 6	11 2	14 14	0 14	11 38	1 10	2 46	0 35	15 8	1 5	14 5	0 28	17 48	1 48	23 0	0 35	14 44	1 41	21 4	16 34	13 8	13 20	16 55		n.a.
W 7	10 40	8 40	0s55	10 55	1 4	2 13	0 33	14 54	1 5	14 8	0 28	17 46	1 49	23 0	0 35	14 44	1 41	21 3	16 34	13 8	13 21	16 57		n.a.
T 8	10 18	2 53	2 1	10 12	0 59	1 41	0 30	14 41	1 5	14 11	0 28	17 44	1 49	22 59	0 35	14 44	1 42	21 2	16 33	13 8	13 22	17 0		n.a.
F 9	9 56	2s56	3 0	9 29	0 53	1 9	0 28	14 27	1 4	14 14	0 27	17 42	1 49	22 59	0 35	14 43	1 42	21 1	16 33	13 9	13 23	17 3		n.a.
S 10	9 34	8 33	3 51	8 45	0 47	0 37	0 25	14 13	1 4	14 17	0 27	17 40	1 49	22 58	0 35	14 43	1 42	21 0	16 33	13 9	13 24	17 5		n.a.
S 11	9 11	13 48	4 30	8 1	0 41	0 4	0 23	13 59	1 4	14 21	0 27	17 38	1 49	22 58	0 35	14 43	1 42	20 59	16 33	13 10	13 25	17 8		n.a.
M12	8 49	18 31	4 58	7 18	0 34	0s28	0 20	13 45	1 4	14 24	0 27	17 35	1 49	22 58	0 35	14 43	1 42	20 58	16 33	13 10	13 27	17 11		n.a.
T 13	8 26	22 31	5 13	6 34	0 28	1 1	0 18	13 31	1 3	14 27	0 27	17 33	1 49	22 57	0 35	14 43	1 42	20 57	16 33	13 11	13 28	17 13		n.a.
W14	8 3	25 38	5 15	5 49	0 22	1 33	0 15	13 16	1 3	14 31	0 27	17 31	1 49	22 57	0 35	14 42	1 42	20 56	16 33	13 11	13 29	17 16		n.a.
T 15	7 40	27 38	5 3	5 5	0 15	2 5	0 12	13 2	1 3	14 34	0 26	17 29	1 49	22 57	0 35	14 42	1 42	20 55	16 33	13 11	13 30	17 19		n.a.
F 16	7 17	28 20	4 37	4 21	0 9	2 38	0 10	12 47	1 3	14 37	0 26	17 27	1 50	22 56	0 35	14 42	1 42	20 54	16 33	13 11	13 31	17 21		n.a.
S 17	6 54	27 37	3 58	3 37	0 2	3 10	0 7	12 33	1 3	14 41	0 26	17 25	1 50	22 56	0 35	14 42	1 42	20 53	16 33	13 11	13 32	17 24		n.a.
S 18	6 30	25 24	3 5	2 53	0s 5	3 42	0 4	12 18	1 2	14 44	0 26	17 23	1 50	22 55	0 35	14 42	1 42	20 52	16 33	13 10	13 33	17 27		n.a.
M19	6 7	21 45	2 2	2 9	0 11	4 14	0 2	12 3	1 2	14 48	0 26	17 21	1 50	22 55	0 35	14 41	1 42	20 51	16 33	13 10	13 34	17 29		n.a.
T 20	5 43	16 49	0 49	1 25	0 18	4 46	0s 1	11 48	1 2	14 51	0 26	17 19	1 50	22 55	0 35	14 41	1 42	20 50	16 33	13 9	13 35	17 32		n.a.
W21	5 19	10 51	0n29	0 42	0 25	5 18	0 4	11 33	1 2	14 55	0 25	17 17	1 50	22 54	0 35	14 41	1 42	20 49	16 33	13 9	13 36	17 35		n.a.
T 22	4 56	4 10	1 47	0s 2	0 31	5 50	0 7	11 18	1 1	14 58	0 25	17 15	1 50	22 54	0 35	14 41	1 42	20 48	16 33	13 10	13 37	17 37		n.a.
F 23	4 32	2n50	2 59	0 45	0 38	6 22	0 9	11 3	1 1	15 2	0 25	17 13	1 51	22 54	0 35	14 40	1 42	20 47	16 33	13 10	13 38	17 40		n.a.
S 24	4 8	9 44	3 59	1 28	0 45	6 53	0 12	10 48	1 1	15 6	0 25	17 11	1 51	22 53	0 35	14 40	1 42	20 46	16 33	13 11	13 39	17 43		n.a.
S 25	3 44	16 6	4 43	2 11	0 51	7 25	0 15	10 33	1 1	15 9	0 25	17 9	1 51	22 53	0 35	14 40	1 42	20 45	16 33	13 13	13 41	17 45		n.a.
M26	3 19	21 28	5 8	2 54	0 58	7 56	0 18	10 17	1 0	15 13	0 25	17 7	1 51	22 53	0 35	14 39	1 42	20 44	16 33	13 14	13 42	17 48		n.a.
T 27	2 55	25 27	5 13	3 36	1 4	8 27	0 21	10 2	1 0	15 17	0 24	17 5	1 51	22 53	0 35	14 39	1 42	20 43	16 33	13 15	13 43	17 50		n.a.
W28	2 31	27 45	4 58	4 18	1 10	8 58	0 23	9 46	1 0	15 20	0 24	17 3	1 51	22 52	0 35	14 39	1 42	20 42	16 33	13 15	13 44	17 53		n.a.
T 29	2 7	28 15	4 26	5 0	1 17	9 29	0 26	9 31	1 0	15 24	0 24	17 1	1 51	22 52	0 35	14 38	1 42	20 41	16 33	13 15	13 45	17 56		n.a.
F 30	1n42	27n 1	3n40	5s41	1s23	9s59	0s29	9n15	0n59	15s28	0n24	16n59	1n52	22n52	0n35	14n38	1s42	20n40	16n33	13s15	13s46	17s58		n.a.

Julian Day Number = 1271678.5, Delta T = 08h16m33s
Ecliptic obliquity = 23°50'35, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'13, Lahiri = -20°57'12 Julian Calendar 1 Sept. 1232 BCE == Greg. Calendar 21 Aug. 1232 BCE

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ASTRODIENST EPHEMERIS for the year 1232 BCE
geocentric

OCTOBER 1232 BCE (-1231) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 53 31	26♍47'26	24♋16	12♎27	25♎26	9♍40	12♏40	19♌35	20♋20	13°R50	16♍14	25♒28	23♒53	5♏ 6	n.a.	S 1
S 2	23 57 28	27°47'58	7♌12	13°55	26°40	10°21	12°51	19°41	20°22	13♉49	16°17	25°30	23°50	5°12	n.a.	S 2
M 3	0 1 24	28°48'32	19°54	15°23	27°54	11° 1	13° 3	19°47	20°24	13°48	16°19	25°R31	23°47	5°19	n.a.	M 3
T 4	0 5 21	29°49'08	2♍24	16°50	29° 8	11°42	13°15	19°53	20°26	13°47	16°21	25°31	23°44	5°26	n.a.	T 4
W 5	0 9 17	0♎49'46	14°43	18°16	0♏22	12°23	13°27	20° 0	20°28	13°46	16°24	25°29	23°41	5°32	n.a.	W 5
T 6	0 13 14	1°50'26	26°54	19°42	1°36	13° 4	13°39	20° 6	20°30	13°44	16°26	25°26	23°37	5°39	n.a.	T 6
F 7	0 17 10	2°51'07	8♎57	21° 7	2°50	13°44	13°51	20°12	20°31	13°43	16°29	25°20	23°34	5°46	n.a.	F 7
S 8	0 21 7	3°51'49	20°55	22°31	4° 4	14°25	14° 3	20°18	20°33	13°42	16°31	25°13	23°31	5°53	n.a.	S 8
S 9	0 25 3	4°52'33	2♏48	23°55	5°18	15° 6	14°15	20°24	20°35	13°41	16°33	25° 5	23°28	5°59	n.a.	S 9
M10	0 29 0	5°53'19	14°39	25°17	6°32	15°47	14°27	20°30	20°36	13°40	16°36	24°57	23°25	6° 6	n.a.	M10
T 11	0 32 57	6°54'06	26°30	26°39	7°46	16°28	14°39	20°35	20°38	13°38	16°38	24°50	23°22	6°13	n.a.	T 11
W12	0 36 53	7°54'55	8♐24	27°59	9° 0	17° 9	14°52	20°41	20°39	13°37	16°40	24°44	23°18	6°20	n.a.	W12
T 13	0 40 50	8°55'44	20°24	29°18	10°14	17°50	15° 4	20°47	20°41	13°36	16°43	24°40	23°15	6°26	n.a.	T 13
F 14	0 44 46	9°56'35	2♑36	0♏36	11°28	18°31	15°17	20°52	20°42	13°34	16°45	24°38	23°12	6°33	n.a.	F 14
S 15	0 48 43	10°57'27	15° 2	1°52	12°41	19°12	15°29	20°58	20°43	13°33	16°47	24°D38	23° 9	6°40	n.a.	S 15
S 16	0 52 39	11°58'21	27°49	3° 6	13°55	19°53	15°42	21° 4	20°45	13°32	16°49	24°39	23° 6	6°46	n.a.	S 16
M17	0 56 36	12°59'15	11♒ 0	4°18	15° 9	20°34	15°55	21° 9	20°46	13°30	16°52	24°40	23° 2	6°53	n.a.	M17
T 18	1 0 33	14° 0'10	24°39	5°27	16°23	21°16	16° 8	21°14	20°47	13°29	16°54	24°R41	22°59	7° 0	n.a.	T 18
W19	1 4 29	15° 1'06	8♓47	6°33	17°36	21°57	16°20	21°20	20°48	13°27	16°56	24°40	22°56	7° 7	n.a.	W19
T 20	1 8 26	16° 2'03	23°23	7°36	18°50	22°38	16°33	21°25	20°49	13°26	16°58	24°37	22°53	7°13	n.a.	T 20
F 21	1 12 22	17° 3'01	8♈22	8°36	20° 4	23°19	16°46	21°30	20°50	13°24	17° 0	24°31	22°50	7°20	n.a.	F 21
S 22	1 16 19	18° 4'01	23°35	9°31	21°17	24° 1	16°59	21°35	20°51	13°23	17° 3	24°24	22°47	7°27	n.a.	S 22
S 23	1 20 15	19° 5'01	8♉52	10°22	22°31	24°42	17°12	21°40	20°52	13°21	17° 5	24°15	22°43	7°33	n.a.	S 23
M24	1 24 12	20° 6'03	24° 2	11° 7	23°45	25°23	17°25	21°45	20°53	13°20	17° 7	24° 6	22°40	7°40	n.a.	M24
T 25	1 28 8	21° 7'07	8♊56	11°46	24°58	26° 5	17°38	21°50	20°54	13°18	17° 9	23°59	22°37	7°47	n.a.	T 25
W26	1 32 5	22° 8'11	23°25	12°17	26°12	26°46	17°52	21°55	20°54	13°17	17°11	23°53	22°34	7°54	n.a.	W26
T 27	1 36 2	23° 9'17	7♋27	12°42	27°25	27°28	18° 5	21°59	20°55	13°15	17°13	23°50	22°31	8° 0	n.a.	T 27
F 28	1 39 58	24°10'24	21° 2	12°57	28°39	28° 9	18°18	22° 4	20°56	13°14	17°15	23°D48	22°27	8° 7	n.a.	F 28
S 29	1 43 55	25°11'32	4♌12	13°R 3	29°52	28°51	18°31	22° 9	20°56	13°12	17°17	23°49	22°24	8°14	n.a.	S 29
S 30	1 47 51	26°12'42	16°59	12°59	1♐ 5	29°32	18°45	22°13	20°57	13°10	17°19	23°49	22°21	8°20	n.a.	S 30
M31	1 51 48	27♎13'52	29♌29	12♏44	2♐19	0♎14	18♏58	22♌18	20♋57	13♉ 9	17♍21	23°R49	22♒18	8♏27	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n18	24n17	2n43	6s22	1s29	10s29	0s32	8n59	0n59	15s31	0n24	16n58	1n52	22n51	0n35	14n38	1s43	20n39	16n33	13s15	13s47	18s 1		n.a.
S 2	0 53	20 22	1 38	7 2	1 35	10 59	0 35	8 43	0 59	15 35	0 24	16 56	1 52	22 51	0 35	14 37	1 43	20 38	16 33	13 14	13 48	18 3		n.a.
M 3	0 29	15 35	0 31	7 42	1 40	11 29	0 38	8 27	0 58	15 39	0 23	16 54	1 52	22 51	0 35	14 37	1 43	20 38	16 33	13 14	13 49	18 6		n.a.
T 4	0 4	10 13	0s37	8 21	1 46	11 59	0 40	8 11	0 58	15 43	0 23	16 52	1 52	22 51	0 35	14 37	1 43	20 37	16 33	13 14	13 50	18 9		n.a.
W 5	0s20	4 33	1 43	8 59	1 51	12 28	0 43	7 55	0 58	15 46	0 23	16 50	1 52	22 50	0 36	14 36	1 43	20 36	16 34	13 14	13 51	18 11		n.a.
T 6	0 45	1s13	2 42	9 37	1 56	12 57	0 46	7 39	0 58	15 50	0 23	16 48	1 53	22 50	0 36	14 36	1 43	20 35	16 34	13 16	13 52	18 14		n.a.
F 7	1 9	6 52	3 34	10 15	2 1	13 25	0 49	7 23	0 57	15 54	0 23	16 47	1 53	22 50	0 36	14 36	1 43	20 34	16 34	13 18	13 53	18 16		n.a.
S 8	1 34	12 14	4 16	10 51	2 6	13 54	0 51	7 6	0 57	15 58	0 23	16 45	1 53	22 50	0 36	14 35	1 43	20 33	16 34	13 20	13 54	18 19		n.a.
S 9	1 58	17 7	4 46	11 27	2 10	14 21	0 54	6 50	0 57	16 1	0 23	16 43	1 53	22 49	0 36	14 35	1 43	20 33	16 34	13 23	13 55	18 21		n.a.
M10	2 23	21 20	5 4	12 1	2 14	14 49	0 57	6 34	0 56	16 5	0 22	16 41	1 53	22 49	0 36	14 34	1 43	20 32	16 34	13 25	13 57	18 24		n.a.
T 11	2 47	24 41	5 8	12 35	2 18	15 16	1 0	6 17	0 56	16 9	0 22	16 40	1 53	22 49	0 36	14 34	1 43	20 31	16 34	13 28	13 58	18 27		n.a.
W12	3 11	27 1	5 0	13 8	2 22	15 43	1 2	6 1	0 56	16 13	0 22	16 38	1 54	22 49	0 36	14 33	1 43	20 30	16 35	13 30	13 59	18 29		n.a.
T 13	3 36	28 7	4 38	13 39	2 25	16 9	1 5	5 44	0 55	16 17	0 22	16 36	1 54	22 49	0 36	14 33	1 43	20 30	16 35	13 31	14 0	18 32		n.a.
F 14	4 0	27 53	4 4	14 10	2 27	16 35	1 7	5 27	0 55	16 21	0 22	16 35	1 54	22 49	0 36	14 33	1 43	20 29	16 35	13 32	14 1	18 34		n.a.
S 15	4 24	26 15	3 17	14 39	2 29	17 1	1 10	5 11	0 55	16 25	0 22	16 33	1 54	22 48	0 36	14 32	1 43	20 28	16 35	13 32	14 2	18 37		n.a.
S 16	4 49	23 14	2 20	15 6	2 31	17 26	1 13	4 54	0 54	16 28	0 22	16 31	1 54	22 48	0 36	14 32	1 43	20 27	16 35	13 32	14 3	18 39		n.a.
M17	5 13	18 56	1 13	15 32	2 32	17 51	1 15	4 37	0 54	16 32	0 21	16 30	1 55	22 48	0 36	14 31	1 43	20 27	16 36	13 31	14 4	18 42		n.a.
T 18	5 37	13 31	0 0	15 57	2 32	18 15	1 18	4 20	0 54	16 36	0 21	16 28	1 55	22 48	0 36	14 31	1 43	20 26	16 36	13 31	14 5	18 44		n.a.
W19	6 1	7 15	1n15	16 19	2 32	18 39	1 20	4 4	0 53	16 40	0 21	16 27	1 55	22 48	0 36	14 30	1 43	20 25	16 36	13 31	14 6	18 47		n.a.
T 20	6 25	0 25	2 28	16 39	2 31	19 2	1 22	3 47	0 53	16 44	0 21	16 25	1 55	22 48	0 36	14 30	1 43	20 25	16 36	13 32	14 7	18 49		n.a.
F 21	6 48	6n36	3 32	16 57	2 29	19 25	1 25	3 30	0 53	16 48	0 21	16 24	1 55	22 48	0 36	14 29	1 43	20 24	16 37	13 34	14 8	18 52		n.a.
S 22	7 12	13 21	4 22	17 13	2 26	19 47	1 27	3 13	0 52	16 52	0 21	16 22	1 56	22 47	0 36	14 29	1 43	20 23	16 37	13 37	14 9	18 54		n.a.
S 23	7 36	19 19	4 54	17 26	2 23	20 9	1 29	2 56	0 52	16 56	0 21	16 21	1 56	22 47	0 36	14 28	1 43	20 23	16 37	13 40	14 10	18 57		n.a.
M24	7 59	24 1	5 5	17 36	2 18	20 30	1 32	2 39	0 51	16 59	0 20	16 19	1 56	22 47	0 36	14 28	1 43	20 22	16 37	13 43	14 11	18 59		n.a.
T 25	8 22	27 1	4 55	17 42	2 12	20 51	1 34	2 22	0 51	17 3	0 20	16 18	1 56	22 47	0 36	14 28	1 43	20 22	16 38	13 45	14 12	19 2		n.a.
W26	8 46	28 6	4 26	17 46	2 5	21 11	1 36	2 5	0 51	17 7	0 20	16 16	1 57	22 47	0 36	14 27	1 43	20 21	16 38	13 47	14 13	19 4		n.a.
T 27	9 9	27 19	3 41	17 45	1 56	21 30	1 38	1 48	0 50	17 11	0 20	16 15	1 57	22 47	0 36	14 27	1 43	20 20	16 38	13 48	14 15	19 7		n.a.
F 28	9 32	24 54	2 46	17 40	1 46	21 49	1 40	1 30	0 50	17 15	0 20	16 14	1 57	22 47	0 36	14 26	1 43	20 20	16 39	13 49	14 16	19 9		n.a.
S 29	9 54	21 12	1 43	17 31	1 35	22 7	1 42	1 13	0 50	17 19	0 20	16 12	1 57	22 47	0 36	14 26	1 43	20 19	16 39	13 49	14 17	19 12		n.a.
S 30	10 17	16 35	0 36	17 18	1 22	22 25	1 44	0 56	0 49	17 23	0 20	16 11	1 57	22 47	0 37	14 25	1 43	20 19	16 39	13 48	14 18	19 14		n.a.
M31	10s40	11n22	0s30	16s59	1s 7	22s42	1s46	0n39	0n49	17s26	0n20	16n10	1n58	22n47	0n37	14n25	1s43	20n18	16n40	13s48	14s19	19s16		n.a.

Julian Day Number = 1271708.5, Delta T = 08h16m32s
Ecliptic obliquity = 23°50'35, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'09, Lahiri = -20°57'08 Julian Calendar 1 Oct. 1232 BCE == Greg. Calendar 20 Sept. 1232 BCE

The year -1231 astronomical counting style corresponds to year 1232 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1232 BCE
geocentric

NOVEMBER 1232 BCE (-1231) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 55 44	28♎15'04	11♍46	12°R18	3♐32	0♎56	19♏12	22♌22	20♋57	13°R 7	17♍23	23°R48	22♒15	8♏34	n.a.	T 1
W 2	1 59 41	29°16'16	23°52	11♏40	4°45	1°37	19°25	22°26	20°58	13♉ 5	17°25	23♒43	22°12	8°41	n.a.	W 2
T 3	2 3 37	0♏17'30	5♎52	10°51	5°59	2°19	19°39	22°30	20°58	13° 4	17°27	23°36	22° 8	8°47	n.a.	T 3
F 4	2 7 34	1°18'44	17°48	9°52	7°12	3° 1	19°52	22°34	20°58	13° 2	17°29	23°26	22° 5	8°54	n.a.	F 4
S 5	2 11 31	2°19'59	29°41	8°43	8°25	3°43	20° 6	22°38	20°58	13° 0	17°31	23°14	22° 2	9° 1	n.a.	S 5
S 6	2 15 27	3°21'14	11♏33	7°28	9°38	4°25	20°19	22°42	20°58	12°59	17°33	23° 0	21°59	9° 7	n.a.	S 6
M 7	2 19 24	4°22'30	23°25	6° 7	10°51	5° 6	20°33	22°46	20°R58	12°57	17°35	22°45	21°56	9°14	n.a.	M 7
T 8	2 23 20	5°23'47	5♐19	4°45	12° 4	5°48	20°47	22°50	20°58	12°55	17°37	22°32	21°53	9°21	n.a.	T 8
W 9	2 27 17	6°25'04	17°15	3°23	13°17	6°30	21° 0	22°53	20°58	12°54	17°38	22°21	21°49	9°28	n.a.	W 9
T 10	2 31 13	7°26'22	29°18	2° 4	14°30	7°12	21°14	22°57	20°58	12°52	17°40	22°12	21°46	9°34	n.a.	T 10
F 11	2 35 10	8°27'39	11♑30	0°51	15°43	7°54	21°28	23° 0	20°58	12°50	17°42	22° 6	21°43	9°41	n.a.	F 11
S 12	2 39 6	9°28'57	23°54	29♎46	16°56	8°36	21°42	23° 4	20°58	12°49	17°44	22° 3	21°40	9°48	n.a.	S 12
S 13	2 43 3	10°30'15	6♒35	28°50	18° 9	9°18	21°56	23° 7	20°57	12°47	17°45	22°D 2	21°37	9°55	n.a.	S 13
M14	2 47 0	11°31'32	19°37	28° 4	19°21	10° 1	22° 9	23°10	20°57	12°45	17°47	22°R 2	21°33	10° 1	n.a.	M14
T 15	2 50 56	12°32'50	3♓ 5	27°29	20°34	10°43	22°23	23°13	20°57	12°43	17°49	22° 2	21°30	10° 8	n.a.	T 15
W16	2 54 53	13°34'07	17° 1	27° 5	21°47	11°25	22°37	23°16	20°56	12°42	17°50	22° 0	21°27	10°15	n.a.	W16
T 17	2 58 49	14°35'25	1♈26	26°52	22°59	12° 7	22°51	23°19	20°56	12°40	17°52	21°56	21°24	10°21	n.a.	T 17
F 18	3 2 46	15°36'42	16°17	26°D48	24°12	12°49	23° 5	23°22	20°55	12°38	17°53	21°48	21°21	10°28	n.a.	F 18
S 19	3 6 42	16°37'59	1♉29	26°54	25°24	13°32	23°19	23°25	20°54	12°37	17°55	21°39	21°18	10°35	n.a.	S 19
S 20	3 10 39	17°39'17	16°51	27° 9	26°37	14°14	23°33	23°27	20°54	12°35	17°56	21°27	21°14	10°42	n.a.	S 20
M21	3 14 36	18°40'34	2♊12	27°31	27°49	14°56	23°47	23°30	20°53	12°33	17°58	21°15	21°11	10°48	n.a.	M21
T 22	3 18 32	19°41'52	17°19	28° 1	29° 1	15°39	24° 1	23°32	20°52	12°32	17°59	21° 5	21° 8	10°55	n.a.	T 22
W23	3 22 29	20°43'09	2♋ 4	28°37	0♑13	16°21	24°14	23°34	20°51	12°30	18° 1	20°56	21° 5	11° 2	n.a.	W23
T 24	3 26 25	21°44'27	16°20	29°18	1°25	17° 3	24°28	23°37	20°50	12°28	18° 2	20°50	21° 2	11° 9	n.a.	T 24
F 25	3 30 22	22°45'45	0♌ 5	0♏ 5	2°37	17°46	24°42	23°39	20°49	12°27	18° 3	20°47	20°59	11°15	n.a.	F 25
S 26	3 34 18	23°47'02	13°21	0°57	3°49	18°28	24°56	23°41	20°48	12°25	18° 5	20°46	20°55	11°22	n.a.	S 26
S 27	3 38 15	24°48'20	26°12	1°52	5° 1	19°11	25°10	23°43	20°47	12°23	18° 6	20°46	20°52	11°29	n.a.	S 27
M28	3 42 11	25°49'38	8♍41	2°51	6°13	19°54	25°24	23°44	20°46	12°22	18° 7	20°46	20°49	11°35	n.a.	M28
T 29	3 46 8	26°50'56	20°53	3°54	7°24	20°36	25°38	23°46	20°45	12°20	18° 8	20°44	20°46	11°42	n.a.	T 29
W30	3 50 5	27♏52'13	2♎55	4♏59	8♑36	21♎19	25♏52	23♌48	20♋44	12♉18	18♍ 9	20♒39	20♒43	11♏49	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 2	5n49	1s34	16s36	0s51	22s58	1s47	0n22	0n48	17s30	0n19	16n 9	1n58	22n47	0n37	14n24	1s43	20n18	16n40	13s49	14s20	19s19		n.a.
W 2	11 24	0 9	2 33	16 7	0 34	23 14	1 49	0 4	0 48	17 34	0 19	16 7	1 58	22 47	0 37	14 24	1 43	20 17	16 40	13 50	14 21	19 21		n.a.
T 3	11 46	5s29	3 24	15 34	0 15	23 29	1 51	0s13	0 47	17 38	0 19	16 6	1 58	22 47	0 37	14 23	1 43	20 17	16 41	13 53	14 22	19 24		n.a.
F 4	12 8	10 52	4 5	14 56	0n 5	23 43	1 52	0 30	0 47	17 42	0 19	16 5	1 59	22 47	0 37	14 23	1 43	20 16	16 41	13 56	14 23	19 26		n.a.
S 5	12 29	15 50	4 36	14 15	0 25	23 57	1 54	0 47	0 47	17 46	0 19	16 4	1 59	22 47	0 37	14 22	1 43	20 16	16 42	14 0	14 24	19 29		n.a.
S 6	12 50	20 12	4 55	13 31	0 46	24 10	1 55	1 5	0 46	17 49	0 19	16 3	1 59	22 47	0 37	14 22	1 43	20 16	16 42	14 5	14 25	19 31		n.a.
M 7	13 12	23 47	5 0	12 45	1 6	24 22	1 57	1 22	0 46	17 53	0 19	16 2	1 59	22 47	0 37	14 21	1 43	20 15	16 42	14 10	14 26	19 33		n.a.
T 8	13 32	26 21	4 53	11 59	1 25	24 34	1 58	1 39	0 45	17 57	0 19	16 1	2 0	22 47	0 37	14 20	1 43	20 15	16 43	14 14	14 27	19 36		n.a.
W 9	13 53	27 45	4 33	11 14	1 44	24 45	1 59	1 56	0 45	18 1	0 18	16 0	2 0	22 47	0 37	14 20	1 43	20 15	16 43	14 18	14 28	19 38		n.a.
T 10	14 14	27 51	4 1	10 31	2 0	24 55	2 0	2 14	0 44	18 5	0 18	15 59	2 0	22 47	0 37	14 19	1 43	20 14	16 43	14 21	14 29	19 41		n.a.
F 11	14 34	26 36	3 17	9 52	2 15	25 4	2 1	2 31	0 44	18 8	0 18	15 58	2 0	22 47	0 37	14 19	1 43	20 14	16 44	14 23	14 30	19 43		n.a.
S 12	14 54	24 2	2 23	9 17	2 27	25 13	2 2	2 48	0 43	18 12	0 18	15 57	2 1	22 47	0 37	14 18	1 43	20 14	16 44	14 24	14 31	19 45		n.a.
S 13	15 13	20 15	1 21	8 48	2 37	25 21	2 3	3 6	0 43	18 16	0 18	15 56	2 1	22 47	0 37	14 18	1 43	20 13	16 45	14 24	14 32	19 48		n.a.
M14	15 33	15 23	0 13	8 24	2 45	25 28	2 4	3 23	0 42	18 20	0 18	15 56	2 1	22 47	0 37	14 17	1 43	20 13	16 45	14 24	14 33	19 50		n.a.
T 15	15 52	9 39	0n58	8 6	2 51	25 34	2 5	3 40	0 42	18 23	0 18	15 55	2 1	22 48	0 37	14 17	1 43	20 13	16 46	14 24	14 34	19 53		n.a.
W16	16 11	3 15	2 8	7 54	2 54	25 40	2 5	3 57	0 41	18 27	0 18	15 54	2 2	22 48	0 37	14 16	1 43	20 13	16 46	14 25	14 35	19 55		n.a.
T 17	16 29	3n30	3 12	7 47	2 56	25 45	2 6	4 14	0 41	18 31	0 18	15 53	2 2	22 48	0 37	14 16	1 43	20 12	16 47	14 26	14 36	19 57		n.a.
F 18	16 47	10 16	4 5	7 46	2 57	25 49	2 6	4 32	0 40	18 34	0 17	15 53	2 2	22 48	0 37	14 15	1 43	20 12	16 47	14 28	14 37	20 0		n.a.
S 19	17 5	16 35	4 42	7 49	2 56	25 52	2 7	4 49	0 40	18 38	0 17	15 52	2 2	22 48	0 37	14 15	1 43	20 12	16 47	14 32	14 39	20 2		n.a.
S 20	17 23	21 55	4 59	7 56	2 54	25 55	2 7	5 6	0 39	18 42	0 17	15 51	2 3	22 48	0 37	14 14	1 43	20 12	16 48	14 35	14 40	20 4		n.a.
M21	17 40	25 45	4 54	8 7	2 50	25 57	2 7	5 23	0 39	18 45	0 17	15 51	2 3	22 48	0 37	14 14	1 43	20 12	16 48	14 39	14 41	20 7		n.a.
T 22	17 57	27 42	4 29	8 22	2 46	25 58	2 7	5 40	0 38	18 49	0 17	15 50	2 3	22 48	0 37	14 13	1 43	20 11	16 49	14 43	14 42	20 9		n.a.
W23	18 14	27 36	3 47	8 39	2 41	25 58	2 7	5 57	0 38	18 53	0 17	15 50	2 4	22 49	0 37	14 13	1 43	20 11	16 49	14 45	14 43	20 11		n.a.
T 24	18 30	25 39	2 51	9 0	2 35	25 57	2 7	6 14	0 37	18 56	0 17	15 49	2 4	22 49	0 38	14 12	1 43	20 11	16 50	14 47	14 44	20 14		n.a.
F 25	18 46	22 13	1 47	9 22	2 29	25 56	2 7	6 31	0 37	19 0	0 17	15 49	2 4	22 49	0 38	14 12	1 43	20 11	16 50	14 48	14 45	20 16		n.a.
S 26	19 2	17 43	0 39	9 46	2 23	25 54	2 7	6 48	0 36	19 3	0 17	15 48	2 4	22 49	0 38	14 11	1 43	20 11	16 51	14 49	14 46	20 18		n.a.
S 27	19 17	12 33	0s29	10 12	2 16	25 51	2 6	7 5	0 36	19 7	0 16	15 48	2 5	22 49	0 38	14 11	1 43	20 11	16 51	14 49	14 47	20 21		n.a.
M28	19 32	7 1	1 33	10 40	2 8	25 47	2 6	7 22	0 35	19 10	0 16	15 48	2 5	22 50	0 38	14 10	1 43	20 11	16 52	14 49	14 48	20 23		n.a.
T 29	19 47	1 21	2 32	11 8	2 1	25 43	2 5	7 39	0 35	19 14	0 16	15 47	2 5	22 50	0 38	14 10	1 43	20 11	16 52	14 49	14 49	20 25		n.a.
W30	20s 1	4s16	3s23	11s38	1n53	25s38	2s 4	7s55	0n34	19s17	0n16	15n47	2n 5	22n50	0n38	14n 9	1s43	20n11	16n53	14s51	14s50	20s27		n.a.

Julian Day Number = 1271739.5, Delta T = 08h16m30s
Ecliptic obliquity = 23°50'35, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'04, Lahiri = -20°57'04 Julian Calendar 1 Nov. 1232 BCE == Greg. Calendar 21 Oct. 1232 BCE

The year -1231 astronomical counting style corresponds to year 1232 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1232 BCE
geocentric

DECEMBER 1232 BCE (-1231) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 54 1	28♏53'31	14♎49	6♏ 7	9♉47	22♎ 2	26♏ 6	23♌49	20°R43	12°R17	18♍11	20°R32	20♒39	11♏56	n.a.	T 1
F 2	3 57 58	29°54'48	26°41	7°17	10°59	22°44	26°20	23°51	20♋41	12♉15	18°12	20♒22	20°36	12° 2	n.a.	F 2
S 3	4 1 54	0♐56'04	8♏31	8°29	12°10	23°27	26°34	23°52	20°40	12°13	18°13	20° 9	20°33	12° 9	n.a.	S 3
S 4	4 5 51	1°57'21	20°24	9°43	13°21	24°10	26°48	23°53	20°39	12°12	18°14	19°54	20°30	12°16	n.a.	S 4
M 5	4 9 47	2°58'37	2♐19	10°59	14°32	24°53	27° 2	23°54	20°37	12°10	18°15	19°39	20°27	12°22	n.a.	M 5
T 6	4 13 44	3°59'52	14°19	12°16	15°43	25°36	27°16	23°55	20°36	12° 9	18°16	19°25	20°24	12°29	n.a.	T 6
W 7	4 17 41	5° 1'07	26°24	13°34	16°54	26°18	27°30	23°56	20°34	12° 7	18°17	19°13	20°20	12°36	n.a.	W 7
T 8	4 21 37	6° 2'21	8♑35	14°54	18° 5	27° 1	27°44	23°57	20°32	12° 6	18°18	19° 4	20°17	12°43	n.a.	T 8
F 9	4 25 34	7° 3'34	20°55	16°15	19°16	27°44	27°58	23°57	20°31	12° 4	18°19	18°57	20°14	12°49	n.a.	F 9
S 10	4 29 30	8° 4'46	3♒26	17°37	20°26	28°27	28°12	23°58	20°29	12° 3	18°19	18°54	20°11	12°56	n.a.	S 10
S 11	4 33 27	9° 5'57	16°10	19° 0	21°37	29°10	28°26	23°58	20°27	12° 1	18°20	18°D53	20° 8	13° 3	n.a.	S 11
M12	4 37 23	10° 7'07	29°11	20°24	22°47	29°53	28°40	23°58	20°26	12° 0	18°21	18°53	20° 5	13°10	n.a.	M12
T 13	4 41 20	11° 8'16	12♓33	21°49	23°57	0♏36	28°53	23°59	20°24	11°58	18°22	18°R53	20° 1	13°16	n.a.	T 13
W14	4 45 16	12° 9'24	26°17	23°15	25° 7	1°19	29° 7	23°R59	20°22	11°57	18°22	18°52	19°58	13°23	n.a.	W14
T 15	4 49 13	13°10'30	10♈26	24°41	26°17	2° 3	29°21	23°59	20°20	11°55	18°23	18°49	19°55	13°30	n.a.	T 15
F 16	4 53 10	14°11'35	24°59	26° 8	27°27	2°46	29°35	23°59	20°18	11°54	18°24	18°44	19°52	13°36	n.a.	F 16
S 17	4 57 6	15°12'38	9♉53	27°36	28°36	3°29	29°49	23°58	20°16	11°52	18°24	18°36	19°49	13°43	n.a.	S 17
S 18	5 1 3	16°13'41	24°59	29° 5	29°46	4°12	0♐ 2	23°58	20°14	11°51	18°25	18°27	19°45	13°50	n.a.	S 18
M19	5 4 59	17°14'42	10♊ 9	0♐35	0♒55	4°55	0°16	23°58	20°12	11°50	18°25	18°17	19°42	13°57	n.a.	M19
T 20	5 8 56	18°15'43	25°11	2° 5	2° 4	5°39	0°30	23°57	20°10	11°48	18°26	18° 8	19°39	14° 3	n.a.	T 20
W21	5 12 52	19°16'42	9♋57	3°36	3°13	6°22	0°43	23°56	20° 8	11°47	18°26	18° 0	19°36	14°10	n.a.	W21
T 22	5 16 49	20°17'40	24°19	5° 7	4°22	7° 5	0°57	23°56	20° 6	11°46	18°27	17°55	19°33	14°17	n.a.	T 22
F 23	5 20 46	21°18'37	8♌12	6°40	5°31	7°49	1°11	23°55	20° 4	11°45	18°27	17°53	19°30	14°24	n.a.	F 23
S 24	5 24 42	22°19'33	21°37	8°13	6°39	8°32	1°24	23°54	20° 1	11°43	18°27	17°D53	19°26	14°30	n.a.	S 24
S 25	5 28 39	23°20'27	4♍35	9°46	7°47	9°15	1°38	23°53	19°59	11°42	18°28	17°53	19°23	14°37	n.a.	S 25
M26	5 32 35	24°21'21	17°10	11°21	8°55	9°59	1°51	23°51	19°57	11°41	18°28	17°54	19°20	14°44	n.a.	M26
T 27	5 36 32	25°22'14	29°26	12°56	10° 3	10°42	2° 5	23°50	19°55	11°40	18°28	17°R55	19°17	14°50	n.a.	T 27
W28	5 40 28	26°23'05	11♎29	14°32	11°11	11°26	2°18	23°49	19°52	11°39	18°28	17°53	19°14	14°57	n.a.	W28
T 29	5 44 25	27°23'55	23°24	16° 8	12°18	12° 9	2°31	23°47	19°50	11°38	18°28	17°50	19°11	15° 4	n.a.	T 29
F 30	5 48 21	28°24'44	5♏15	17°46	13°25	12°53	2°45	23°46	19°48	11°37	18°28	17°44	19° 7	15°11	n.a.	F 30
S 31	5 52 18	29♐25'32	17♏ 6	19♐24	14♒32	13♏37	2♐58	23♌44	19♋45	11♉36	18♍29	17♒36	19♒ 4	15♏17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20s15	9s41	4s 4	12s 8	1n45	25s32	2s 4	8s12	0n33	19s21	0n16	15n47	2n 6	22n50	0n38	14n 9	1s43	20n11	16n53	14s53	14s51	20s30		n.a.	T 1
F 2	20 28	14 43	4 35	12 39	1 37	25 25	2 3	8 29	0 33	19 24	0 16	15 46	2 6	22 51	0 38	14 8	1 43	20 11	16 54	14 57	14 52	20 32		n.a.	F 2
S 3	20 41	19 12	4 54	13 10	1 29	25 18	2 2	8 45	0 32	19 28	0 16	15 46	2 6	22 51	0 38	14 8	1 43	20 11	16 55	15 1	14 53	20 34		n.a.	S 3
S 4	20 54	22 57	4 59	13 41	1 21	25 10	2 1	9 2	0 32	19 31	0 16	15 46	2 7	22 51	0 38	14 7	1 43	20 11	16 55	15 5	14 54	20 36		n.a.	S 4
M 5	21 6	25 45	4 52	14 13	1 13	25 1	1 59	9 19	0 31	19 34	0 16	15 46	2 7	22 51	0 38	14 7	1 43	20 11	16 56	15 10	14 55	20 39		n.a.	M 5
T 6	21 18	27 24	4 32	14 45	1 5	24 51	1 58	9 35	0 31	19 38	0 15	15 46	2 7	22 52	0 38	14 7	1 43	20 11	16 56	15 15	14 56	20 41		n.a.	T 6
W 7	21 30	27 47	4 0	15 17	0 57	24 41	1 57	9 51	0 30	19 41	0 15	15 46	2 7	22 52	0 38	14 6	1 43	20 11	16 57	15 19	14 57	20 43		n.a.	W 7
T 8	21 41	26 49	3 16	15 48	0 49	24 30	1 55	10 8	0 29	19 44	0 15	15 46	2 8	22 52	0 38	14 6	1 43	20 11	16 57	15 22	14 58	20 45		n.a.	T 8
F 9	21 51	24 32	2 22	16 20	0 41	24 18	1 54	10 24	0 29	19 48	0 15	15 46	2 8	22 52	0 38	14 5	1 43	20 12	16 58	15 24	14 59	20 48		n.a.	F 9
S 10	22 1	21 2	1 21	16 51	0 33	24 6	1 52	10 40	0 28	19 51	0 15	15 46	2 8	22 53	0 38	14 5	1 43	20 12	16 58	15 25	15 0	20 50		n.a.	S 10
S 11	22 11	16 29	0 14	17 22	0 25	23 53	1 50	10 56	0 27	19 54	0 15	15 46	2 8	22 53	0 38	14 4	1 43	20 12	16 59	15 25	15 1	20 52		n.a.	S 11
M12	22 20	11 6	0n55	17 52	0 17	23 39	1 48	11 12	0 27	19 57	0 15	15 46	2 9	22 53	0 38	14 4	1 43	20 12	16 59	15 25	15 2	20 54		n.a.	M12
T 13	22 29	5 5	2 2	18 22	0 10	23 25	1 46	11 28	0 26	20 0	0 15	15 47	2 9	22 54	0 38	14 3	1 43	20 12	17 0	15 25	15 3	20 57		n.a.	T 13
W14	22 38	1n19	3 5	18 52	0 2	23 10	1 44	11 44	0 26	20 4	0 15	15 47	2 9	22 54	0 38	14 3	1 43	20 13	17 1	15 25	15 4	20 59		n.a.	W14
T 15	22 46	7 50	3 58	19 21	0s 5	22 54	1 41	12 0	0 25	20 7	0 15	15 47	2 10	22 54	0 38	14 3	1 43	20 13	17 1	15 26	15 5	21 1		n.a.	T 15
F 16	22 53	14 8	4 38	19 49	0 13	22 38	1 39	12 15	0 24	20 10	0 14	15 47	2 10	22 55	0 38	14 2	1 42	20 13	17 2	15 28	15 6	21 3		n.a.	F 16
S 17	23 0	19 45	5 0	20 17	0 20	22 21	1 36	12 31	0 24	20 13	0 14	15 48	2 10	22 55	0 38	14 2	1 42	20 13	17 2	15 30	15 7	21 5		n.a.	S 17
S 18	23 7	24 12	5 1	20 44	0 27	22 4	1 34	12 46	0 23	20 16	0 14	15 48	2 10	22 55	0 38	14 2	1 42	20 14	17 3	15 33	15 8	21 8		n.a.	S 18
M19	23 13	26 59	4 42	21 10	0 34	21 46	1 31	13 2	0 22	20 19	0 14	15 49	2 11	22 56	0 38	14 1	1 42	20 14	17 3	15 36	15 9	21 10		n.a.	M19
T 20	23 19	27 48	4 3	21 35	0 40	21 28	1 28	13 17	0 22	20 22	0 14	15 49	2 11	22 56	0 38	14 1	1 42	20 14	17 4	15 39	15 10	21 12		n.a.	T 20
W21	23 24	26 35	3 8	21 59	0 47	21 9	1 25	13 32	0 21	20 25	0 14	15 49	2 11	22 56	0 38	14 0	1 42	20 15	17 4	15 41	15 11	21 14		n.a.	W21
T 22	23 29	23 37	2 3	22 23	0 53	20 49	1 22	13 48	0 20	20 28	0 14	15 50	2 12	22 57	0 38	14 0	1 42	20 15	17 5	15 43	15 12	21 16		n.a.	T 22
F 23	23 33	19 21	0 52	22 45	0 59	20 29	1 19	14 3	0 19	20 31	0 14	15 51	2 12	22 57	0 38	14 0	1 42	20 15	17 6	15 44	15 13	21 18		n.a.	F 23
S 24	23 37	14 13	0s20	23 7	1 5	20 9	1 16	14 17	0 19	20 34	0 14	15 51	2 12	22 57	0 39	13 59	1 42	20 16	17 6	15 44	15 14	21 21		n.a.	S 24
S 25	23 40	8 37	1 28	23 27	1 10	19 48	1 12	14 32	0 18	20 37	0 14	15 52	2 12	22 58	0 39	13 59	1 42	20 16	17 7	15 44	15 15	21 23		n.a.	S 25
M26	23 43	2 51	2 30	23 46	1 16	19 26	1 9	14 47	0 17	20 40	0 14	15 52	2 13	22 58	0 39	13 59	1 42	20 17	17 7	15 43	15 16	21 25		n.a.	M26
T 27	23 46	2s53	3 24	24 4	1 21	19 4	1 5	15 1	0 17	20 42	0 13	15 53	2 13	22 58	0 39	13 58	1 42	20 17	17 8	15 43	15 17	21 27		n.a.	T 27
W28	23 48	8 24	4 7	24 21	1 26	18 42	1 2	15 16	0 16	20 45	0 13	15 54	2 13	22 59	0 39	13 58	1 42	20 17	17 8	15 44	15 18	21 29		n.a.	W28
T 29	23 49	13 33	4 39	24 36	1 30	18 19	0 58	15 30	0 15	20 48	0 13	15 55	2 13	22 59	0 39	13 58	1 42	20 18	17 9	15 45	15 19	21 31		n.a.	T 29
F 30	23 50	18 11	4 59	24 50	1 35	17 56	0 54	15 44	0 14	20 51	0 13	15 55	2 14	23 0	0 39	13 58	1 42	20 18	17 10	15 47	15 20	21 33		n.a.	F 30
S 31	23s50	22s 7	5s 7	25s 3	1s39	17s32	0s50	15s58	0n14	20s53	0n13	15n56	2n14	23n 0	0n39	13n57	1s42	20n19	17n10	15s49	15s21	21s35		n.a.	S 31

Julian Day Number = 1271769.5, Delta T = 08h16m28s
Ecliptic obliquity = 23°50'34, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°04'00, Lahiri = -20°57'00 Julian Calendar 1 Dec. 1232 BCE == Greg. Calendar 20 Nov. 1232 BCE

The year -1231 astronomical counting style corresponds to year 1232 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1231 BCE
geocentric

JANUARY 1231 BCE (-1230) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 56 15	0♉26'19	29♏ 0	21♐ 3	15♒39	14♏20	3♐11	23°R42	19°R43	11°R35	18♍29	17°R27	19♒ 1	15♏24	n.a.	S 1
M 2	6 0 11	1°27'04	11♐ 0	22°43	16°46	15° 4	3°24	23♌40	19♋40	11♉34	18°R29	17♒18	18°58	15°31	n.a.	M 2
T 3	6 4 8	2°27'48	23° 8	24°23	17°52	15°48	3°37	23°38	19°38	11°33	18°29	17° 9	18°55	15°37	n.a.	T 3
W 4	6 8 4	3°28'30	5♉24	26° 5	18°58	16°31	3°51	23°36	19°35	11°32	18°29	17° 1	18°51	15°44	n.a.	W 4
T 5	6 12 1	4°29'10	17°50	27°47	20° 4	17°15	4° 4	23°34	19°33	11°31	18°28	16°55	18°48	15°51	n.a.	T 5
F 6	6 15 57	5°29'49	0♒27	29°30	21° 9	17°59	4°17	23°32	19°30	11°30	18°28	16°52	18°45	15°58	n.a.	F 6
S 7	6 19 54	6°30'26	13°14	1♉14	22°15	18°43	4°30	23°30	19°28	11°29	18°28	16°D50	18°42	16° 4	n.a.	S 7
S 8	6 23 51	7°31'01	26°13	2°59	23°20	19°26	4°42	23°27	19°25	11°28	18°28	16°51	18°39	16°11	n.a.	S 8
M 9	6 27 47	8°31'34	9♓26	4°44	24°25	20°10	4°55	23°25	19°23	11°28	18°28	16°52	18°36	16°18	n.a.	M 9
T 10	6 31 44	9°32'05	22°53	6°31	25°29	20°54	5° 8	23°22	19°20	11°27	18°27	16°54	18°32	16°25	n.a.	T 10
W11	6 35 40	10°32'34	6♈37	8°18	26°33	21°38	5°21	23°19	19°18	11°26	18°27	16°R54	18°29	16°31	n.a.	W11
T 12	6 39 37	11°33'01	20°37	10° 7	27°37	22°22	5°33	23°17	19°15	11°25	18°27	16°54	18°26	16°38	n.a.	T 12
F 13	6 43 33	12°33'25	4♉54	11°56	28°40	23° 6	5°46	23°14	19°12	11°25	18°26	16°52	18°23	16°45	n.a.	F 13
S 14	6 47 30	13°33'48	19°24	13°46	29°43	23°50	5°59	23°11	19°10	11°24	18°26	16°49	18°20	16°51	n.a.	S 14
S 15	6 51 26	14°34'08	4♊ 4	15°37	0♓46	24°34	6°11	23° 8	19° 7	11°24	18°25	16°45	18°17	16°58	n.a.	S 15
M16	6 55 23	15°34'27	18°48	17°29	1°49	25°18	6°23	23° 5	19° 5	11°23	18°25	16°40	18°13	17° 5	n.a.	M16
T 17	6 59 20	16°34'43	3♋27	19°22	2°51	26° 2	6°36	23° 1	19° 2	11°22	18°24	16°35	18°10	17°12	n.a.	T 17
W18	7 3 16	17°34'58	17°56	21°15	3°52	26°46	6°48	22°58	18°59	11°22	18°24	16°32	18° 7	17°18	n.a.	W18
T 19	7 7 13	18°35'10	2♌ 7	23° 9	4°53	27°30	7° 0	22°55	18°57	11°21	18°23	16°30	18° 4	17°25	n.a.	T 19
F 20	7 11 9	19°35'21	15°57	25° 3	5°54	28°14	7°12	22°51	18°54	11°21	18°23	16°D29	18° 1	17°32	n.a.	F 20
S 21	7 15 6	20°35'29	29°22	26°58	6°55	28°58	7°24	22°48	18°52	11°21	18°22	16°29	17°57	17°39	n.a.	S 21
S 22	7 19 2	21°35'36	12♍24	28°53	7°55	29°42	7°36	22°44	18°49	11°20	18°21	16°31	17°54	17°45	n.a.	S 22
M23	7 22 59	22°35'41	25° 4	0♒48	8°54	0♐26	7°48	22°41	18°46	11°20	18°21	16°32	17°51	17°52	n.a.	M23
T 24	7 26 55	23°35'44	7♎26	2°42	9°53	1°10	8° 0	22°37	18°44	11°20	18°20	16°34	17°48	17°59	n.a.	T 24
W25	7 30 52	24°35'45	19°33	4°37	10°52	1°55	8°12	22°33	18°41	11°19	18°19	16°R35	17°45	18° 5	n.a.	W25
T 26	7 34 49	25°35'45	1♏30	6°31	11°50	2°39	8°23	22°29	18°38	11°19	18°18	16°35	17°42	18°12	n.a.	T 26
F 27	7 38 45	26°35'42	13°23	8°23	12°47	3°23	8°35	22°26	18°36	11°19	18°17	16°34	17°38	18°19	n.a.	F 27
S 28	7 42 42	27°35'38	25°16	10°15	13°44	4° 7	8°46	22°22	18°33	11°19	18°17	16°32	17°35	18°26	n.a.	S 28
S 29	7 46 38	28°35'32	7♐12	12° 4	14°41	4°52	8°58	22°18	18°31	11°19	18°16	16°29	17°32	18°32	n.a.	S 29
M30	7 50 35	29°35'25	19°16	13°52	15°37	5°36	9° 9	22°14	18°28	11°19	18°15	16°27	17°29	18°39	n.a.	M30
T 31	7 54 31	0♒35'15	1♉31	15♒36	16♓32	6♐20	9♐20	22♌ 9	18♋26	11♉19	18♍14	16♒24	17♒26	18♏46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23s50	25s 9	5s 0	25s14	1s42	17s 8	0s46	16s12	0n13	20s56	0n13	15n57	2n14	23n 0	0n39	13n57	1s42	20n19	17n11	15s52	15s22	21s38			n.a.
M 2	23 50	27 6	4 41	25 24	1 46	16 44	0 41	16 26	0 12	20 59	0 13	15 58	2 14	23 1	0 39	13 57	1 42	20 20	17 11	15 55	15 23	21 40			n.a.
T 3	23 49	27 48	4 9	25 32	1 49	16 19	0 37	16 40	0 11	21 1	0 13	15 59	2 15	23 1	0 39	13 57	1 42	20 20	17 12	15 57	15 24	21 42			n.a.
W 4	23 48	27 8	3 25	25 38	1 52	15 54	0 32	16 53	0 10	21 4	0 13	16 0	2 15	23 1	0 39	13 56	1 42	20 21	17 12	16 0	15 25	21 44			n.a.
T 5	23 46	25 7	2 30	25 43	1 54	15 29	0 28	17 7	0 10	21 7	0 13	16 1	2 15	23 2	0 39	13 56	1 41	20 21	17 13	16 2	15 26	21 46			n.a.
F 6	23 44	21 49	1 28	25 46	1 56	15 3	0 23	17 20	0 9	21 9	0 12	16 2	2 15	23 2	0 39	13 56	1 41	20 22	17 14	16 3	15 27	21 48			n.a.
S 7	23 41	17 26	0 20	25 48	1 58	14 37	0 18	17 33	0 8	21 12	0 12	16 3	2 16	23 3	0 39	13 56	1 41	20 23	17 14	16 3	15 28	21 50			n.a.
S 8	23 37	12 12	0n51	25 47	1 59	14 11	0 13	17 46	0 7	21 14	0 12	16 4	2 16	23 3	0 39	13 55	1 41	20 23	17 15	16 3	15 29	21 52			n.a.
M 9	23 34	6 19	2 0	25 45	2 0	13 44	0 9	17 59	0 7	21 17	0 12	16 5	2 16	23 3	0 39	13 55	1 41	20 24	17 15	16 3	15 30	21 54			n.a.
T 10	23 30	0 4	3 3	25 41	2 0	13 18	0 3	18 11	0 6	21 19	0 12	16 6	2 16	23 4	0 39	13 55	1 41	20 24	17 16	16 2	15 31	21 56			n.a.
W11	23 25	6n18	3 58	25 34	2 0	12 51	0n 2	18 24	0 5	21 21	0 12	16 7	2 17	23 4	0 39	13 55	1 41	20 25	17 16	16 2	15 32	21 58			n.a.
T 12	23 20	12 29	4 39	25 26	1 59	12 24	0 7	18 36	0 4	21 24	0 12	16 8	2 17	23 5	0 39	13 55	1 41	20 26	17 17	16 2	15 33	22 0			n.a.
F 13	23 14	18 8	5 5	25 16	1 58	11 56	0 12	18 48	0 3	21 26	0 12	16 9	2 17	23 5	0 39	13 55	1 41	20 26	17 17	16 3	15 34	22 2			n.a.
S 14	23 8	22 51	5 11	25 3	1 57	11 29	0 18	19 0	0 2	21 28	0 12	16 11	2 17	23 5	0 39	13 54	1 41	20 27	17 18	16 4	15 35	22 4			n.a.
S 15	23 2	26 11	4 57	24 49	1 55	11 1	0 23	19 12	0 2	21 31	0 12	16 12	2 18	23 6	0 39	13 54	1 41	20 28	17 18	16 5	15 36	22 6			n.a.
M16	22 55	27 45	4 24	24 32	1 52	10 33	0 29	19 24	0 1	21 33	0 12	16 13	2 18	23 6	0 39	13 54	1 41	20 28	17 19	16 6	15 37	22 8			n.a.
T 17	22 48	27 21	3 34	24 13	1 49	10 5	0 35	19 35	0s 0	21 35	0 11	16 14	2 18	23 6	0 39	13 54	1 41	20 29	17 19	16 8	15 38	22 10			n.a.
W18	22 40	25 6	2 30	23 52	1 45	9 37	0 41	19 47	0 1	21 37	0 11	16 16	2 18	23 7	0 39	13 54	1 41	20 30	17 20	16 9	15 39	22 12			n.a.
T 19	22 32	21 17	1 18	23 28	1 41	9 9	0 47	19 58	0 2	21 40	0 11	16 17	2 18	23 7	0 39	13 54	1 41	20 30	17 20	16 9	15 40	22 14			n.a.
F 20	22 23	16 22	0 3	23 3	1 36	8 41	0 53	20 9	0 3	21 42	0 11	16 18	2 19	23 8	0 39	13 54	1 41	20 31	17 21	16 10	15 41	22 16			n.a.
S 21	22 14	10 47	1s10	22 35	1 30	8 13	0 59	20 19	0 4	21 44	0 11	16 20	2 19	23 8	0 39	13 54	1 41	20 32	17 21	16 10	15 42	22 18			n.a.
S 22	22 5	4 54	2 18	22 6	1 24	7 44	1 5	20 30	0 5	21 46	0 11	16 21	2 19	23 8	0 39	13 54	1 40	20 32	17 22	16 9	15 43	22 20			n.a.
M23	21 55	1s 0	3 16	21 34	1 17	7 16	1 11	20 40	0 5	21 48	0 11	16 22	2 19	23 9	0 39	13 54	1 40	20 33	17 22	16 9	15 44	22 22			n.a.
T 24	21 45	6 43	4 4	21 0	1 9	6 48	1 18	20 51	0 6	21 50	0 11	16 24	2 19	23 9	0 39	13 54	1 40	20 34	17 23	16 8	15 45	22 24			n.a.
W25	21 34	12 5	4 41	20 25	1 1	6 19	1 24	21 1	0 7	21 52	0 11	16 25	2 20	23 9	0 39	13 54	1 40	20 35	17 23	16 8	15 46	22 26			n.a.
T 26	21 23	16 56	5 4	19 47	0 52	5 51	1 31	21 10	0 8	21 54	0 11	16 27	2 20	23 10	0 39	13 54	1 40	20 35	17 24	16 8	15 47	22 28			n.a.
F 27	21 11	21 6	5 14	19 9	0 42	5 23	1 37	21 20	0 9	21 56	0 10	16 28	2 20	23 10	0 39	13 54	1 40	20 36	17 24	16 8	15 48	22 30			n.a.
S 28	21 0	24 25	5 11	18 28	0 31	4 54	1 44	21 29	0 10	21 58	0 10	16 30	2 20	23 11	0 39	13 54	1 40	20 37	17 25	16 9	15 49	22 32			n.a.
S 29	20 47	26 43	4 55	17 47	0 20	4 26	1 51	21 39	0 11	22 0	0 10	16 31	2 20	23 11	0 39	13 54	1 40	20 38	17 25	16 10	15 50	22 34			n.a.
M30	20 35	27 48	4 25	17 5	0 9	3 58	1 57	21 48	0 12	22 2	0 10	16 33	2 20	23 11	0 39	13 54	1 40	20 39	17 26	16 10	15 51	22 36			n.a.
T 31	20s22	27s33	3s43	16s22	0n 3	3s30	2n 4	21s56	0s13	22s 3	0n10	16n34	2n21	23n12	0n39	13n54	1s40	20n39	17n26	16s11	15s52	22s38			n.a.

Julian Day Number = 1271800.5, Delta T = 08h16m27s
Ecliptic obliquity = 23°50'33, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'56, Lahiri = -20°56'56 Julian Calendar 1 Jan. 1231 BCE == Greg. Calendar 21 Dec. 1232 BCE

The year -1230 astronomical counting style corresponds to year 1231 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1231 BCE
geocentric

FEBRUARY 1231 BCE (-1230) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 58 28	1♒35'03	13♉58	17♒18	17♓27	7♐ 5	9♐31	22°R 5	18°R23	11°D18	18°R13	16°R22	17♒23	18♏53	n.a.	W 1
T 2	8 2 24	2°34'50	26°39	18°55	18°21	7°49	9°43	22♌ 1	18♋20	11♉18	18♍12	16♒20	17°19	18°59	n.a.	T 2
F 3	8 6 21	3°34'34	9♒34	20°29	19°15	8°33	9°53	21°57	18°18	11°19	18°11	16°20	17°16	19° 6	n.a.	F 3
S 4	8 10 17	4°34'15	22°44	21°58	20° 7	9°18	10° 4	21°53	18°15	11°19	18°10	16°D20	17°13	19°13	n.a.	S 4
S 5	8 14 14	5°33'55	6♓ 8	23°22	21° 0	10° 2	10°15	21°48	18°13	11°19	18° 9	16°20	17°10	19°19	n.a.	S 5
M 6	8 18 11	6°33'32	19°43	24°40	21°51	10°46	10°26	21°44	18°11	11°19	18° 7	16°21	17° 7	19°26	n.a.	M 6
T 7	8 22 7	7°33'07	3♈30	25°51	22°42	11°31	10°36	21°39	18° 8	11°19	18° 6	16°22	17° 3	19°33	n.a.	T 7
W 8	8 26 4	8°32'39	17°27	26°57	23°32	12°15	10°47	21°35	18° 6	11°19	18° 5	16°23	17° 0	19°40	n.a.	W 8
T 9	8 30 0	9°32'09	1♉32	27°55	24°21	13° 0	10°57	21°31	18° 3	11°19	18° 4	16°23	16°57	19°46	n.a.	T 9
F 10	8 33 57	10°31'37	15°43	28°47	25° 9	13°44	11° 7	21°26	18° 1	11°20	18° 3	16°R23	16°54	19°53	n.a.	F 10
S 11	8 37 53	11°31'02	29°58	29°31	25°56	14°28	11°17	21°22	17°59	11°20	18° 1	16°23	16°51	20° 0	n.a.	S 11
S 12	8 41 50	12°30'24	14♊15	0♓ 7	26°43	15°13	11°28	21°17	17°56	11°20	18° 0	16°22	16°48	20° 7	n.a.	S 12
M13	8 45 46	13°29'44	28°30	0°35	27°28	15°57	11°37	21°13	17°54	11°21	17°59	16°22	16°44	20°13	n.a.	M13
T 14	8 49 43	14°29'02	12♋40	0°56	28°12	16°42	11°47	21° 8	17°52	11°21	17°58	16°22	16°41	20°20	n.a.	T 14
W15	8 53 40	15°28'17	26°41	1° 9	28°56	17°26	11°57	21° 3	17°49	11°22	17°56	16°22	16°38	20°27	n.a.	W15
T 16	8 57 36	16°27'30	10♌29	1°R14	29°38	18°11	12° 7	20°59	17°47	11°22	17°55	16°22	16°35	20°33	n.a.	T 16
F 17	9 1 33	17°26'41	24° 1	1°11	0♈20	18°55	12°16	20°54	17°45	11°23	17°54	16°22	16°32	20°40	n.a.	F 17
S 18	9 5 29	18°25'49	7♍15	1° 1	1° 0	19°40	12°25	20°50	17°43	11°23	17°52	16°22	16°29	20°47	n.a.	S 18
S 19	9 9 26	19°24'56	20°12	0°45	1°39	20°24	12°35	20°45	17°41	11°24	17°51	16°21	16°25	20°54	n.a.	S 19
M20	9 13 22	20°24'00	2♎50	0°21	2°16	21° 9	12°44	20°40	17°39	11°24	17°49	16°21	16°22	21° 0	n.a.	M20
T 21	9 17 19	21°23'02	15°13	29♒52	2°53	21°53	12°53	20°36	17°37	11°25	17°48	16°20	16°19	21° 7	n.a.	T 21
W22	9 21 15	22°22'03	27°22	29°18	3°28	22°38	13° 2	20°31	17°35	11°26	17°46	16°20	16°16	21°14	n.a.	W22
T 23	9 25 12	23°21'01	9♏22	28°39	4° 2	23°23	13°10	20°26	17°33	11°26	17°45	16°19	16°13	21°20	n.a.	T 23
F 24	9 29 8	24°19'58	21°16	27°56	4°34	24° 7	13°19	20°22	17°31	11°27	17°43	16°D19	16° 9	21°27	n.a.	F 24
S 25	9 33 5	25°18'52	3♐ 9	27°11	5° 5	24°52	13°27	20°17	17°29	11°28	17°42	16°19	16° 6	21°34	n.a.	S 25
S 26	9 37 2	26°17'45	15° 6	26°24	5°34	25°36	13°36	20°13	17°27	11°29	17°40	16°19	16° 3	21°41	n.a.	S 26
M27	9 40 58	27°16'36	27°11	25°36	6° 2	26°21	13°44	20° 8	17°25	11°30	17°39	16°20	16° 0	21°47	n.a.	M27
T 28	9 44 55	28♒15'25	9♉29	24♒48	6♈28	27♐ 5	13♐52	20♌ 3	17♋23	11♉31	17♍37	16♒21	15♒57	21♏54	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	20s 9	25s54	2s49	15s39	0n16	3s 2	2n11	22s 5	0s14	22s 5	0n10	16n36	2n21	23n12	0n39	13n54	1s40	20n40	17n27	16s12	15s53	22s40		n.a.	W 1
T 2	19 55	22 55	1 47	14 56	0 29	2 34	2 18	22 13	0 15	22 7	0 10	16 37	2 21	23 12	0 39	13 54	1 40	20 41	17 27	16 12	15 54	22 42		n.a.	T 2
F 3	19 41	18 45	0 37	14 14	0 43	2 6	2 25	22 22	0 16	22 9	0 10	16 39	2 21	23 13	0 39	13 54	1 40	20 42	17 27	16 12	15 55	22 43		n.a.	F 3
S 4	19 26	13 37	0n35	13 32	0 56	1 39	2 32	22 29	0 17	22 10	0 10	16 40	2 21	23 13	0 39	13 54	1 40	20 42	17 28	16 12	15 56	22 45		n.a.	S 4
S 5	19 12	7 45	1 47	12 51	1 10	1 11	2 40	22 37	0 18	22 12	0 10	16 42	2 21	23 13	0 39	13 54	1 40	20 43	17 28	16 12	15 57	22 47		n.a.	S 5
M 6	18 57	1 28	2 54	12 12	1 24	0 44	2 47	22 45	0 19	22 14	0 10	16 43	2 21	23 14	0 39	13 54	1 40	20 44	17 29	16 12	15 58	22 49		n.a.	M 6
T 7	18 41	4n57	3 52	11 34	1 38	0 17	2 54	22 52	0 20	22 15	0 9	16 45	2 22	23 14	0 39	13 54	1 39	20 45	17 29	16 12	15 59	22 51		n.a.	T 7
W 8	18 26	11 13	4 37	10 59	1 52	0n 9	3 1	22 59	0 21	22 17	0 9	16 47	2 22	23 14	0 39	13 54	1 39	20 46	17 29	16 12	16 0	22 53		n.a.	W 8
T 9	18 10	16 58	5 6	10 26	2 6	0 36	3 9	23 6	0 22	22 19	0 9	16 48	2 22	23 15	0 39	13 55	1 39	20 47	17 30	16 11	16 1	22 55		n.a.	T 9
F 10	17 54	21 51	5 17	9 56	2 19	1 2	3 16	23 12	0 23	22 20	0 9	16 50	2 22	23 15	0 39	13 55	1 39	20 47	17 30	16 11	16 2	22 57		n.a.	F 10
S 11	17 37	25 29	5 8	9 28	2 31	1 28	3 24	23 19	0 24	22 22	0 9	16 51	2 22	23 15	0 39	13 55	1 39	20 48	17 31	16 12	16 3	22 58		n.a.	S 11
S 12	17 20	27 32	4 40	9 4	2 43	1 53	3 31	23 25	0 25	22 23	0 9	16 53	2 22	23 16	0 39	13 55	1 39	20 49	17 31	16 12	16 4	23 0		n.a.	S 12
M13	17 3	27 45	3 55	8 44	2 55	2 19	3 39	23 31	0 26	22 25	0 9	16 55	2 22	23 16	0 39	13 55	1 39	20 50	17 31	16 12	16 5	23 2		n.a.	M13
T 14	16 46	26 9	2 56	8 27	3 5	2 44	3 46	23 36	0 27	22 26	0 9	16 56	2 22	23 16	0 39	13 55	1 39	20 51	17 32	16 12	16 6	23 4		n.a.	T 14
W15	16 28	22 55	1 47	8 13	3 14	3 8	3 54	23 42	0 28	22 28	0 9	16 58	2 22	23 17	0 39	13 56	1 39	20 52	17 32	16 12	16 7	23 6		n.a.	W15
T 16	16 10	18 26	0 33	8 4	3 23	3 32	4 1	23 47	0 29	22 29	0 9	16 59	2 23	23 17	0 39	13 56	1 39	20 52	17 32	16 12	16 8	23 8		n.a.	T 16
F 17	15 52	13 5	0s42	7 58	3 30	3 56	4 9	23 52	0 30	22 30	0 8	17 1	2 23	23 17	0 39	13 56	1 39	20 53	17 32	16 12	16 9	23 9		n.a.	F 17
S 18	15 33	7 15	1 53	7 57	3 35	4 19	4 17	23 57	0 31	22 32	0 8	17 3	2 23	23 17	0 39	13 56	1 39	20 54	17 33	16 12	16 10	23 11		n.a.	S 18
S 19	15 15	1 15	2 57	7 59	3 39	4 42	4 24	24 1	0 32	22 33	0 8	17 4	2 23	23 18	0 39	13 57	1 39	20 55	17 33	16 12	16 11	23 13		n.a.	S 19
M20	14 56	4s39	3 50	8 5	3 42	5 4	4 32	24 5	0 33	22 34	0 8	17 6	2 23	23 18	0 39	13 57	1 39	20 56	17 33	16 12	16 12	23 15		n.a.	M20
T 21	14 37	10 15	4 31	8 15	3 42	5 25	4 39	24 9	0 34	22 36	0 8	17 7	2 23	23 18	0 39	13 57	1 39	20 56	17 34	16 12	16 13	23 17		n.a.	T 21
W22	14 17	15 21	5 0	8 28	3 41	5 47	4 47	24 13	0 35	22 37	0 8	17 9	2 23	23 18	0 39	13 57	1 38	20 57	17 34	16 13	16 14	23 18		n.a.	W22
T 23	13 58	19 48	5 14	8 44	3 39	6 7	4 54	24 16	0 36	22 38	0 8	17 10	2 23	23 19	0 39	13 58	1 38	20 58	17 34	16 13	16 15	23 20		n.a.	T 23
F 24	13 38	23 26	5 15	9 3	3 34	6 27	5 2	24 20	0 37	22 39	0 8	17 12	2 23	23 19	0 39	13 58	1 38	20 59	17 34	16 13	16 16	23 22		n.a.	F 24
S 25	13 18	26 5	5 3	9 24	3 28	6 46	5 9	24 23	0 38	22 40	0 8	17 13	2 23	23 19	0 39	13 58	1 38	21 0	17 35	16 13	16 17	23 24		n.a.	S 25
S 26	12 58	27 35	4 38	9 48	3 20	7 5	5 17	24 25	0 39	22 42	0 8	17 15	2 23	23 19	0 39	13 58	1 38	21 1	17 35	16 13	16 18	23 25		n.a.	S 26
M27	12 37	27 48	4 0	10 13	3 11	7 23	5 24	24 28	0 40	22 43	0 7	17 16	2 23	23 20	0 39	13 59	1 38	21 1	17 35	16 12	16 19	23 27		n.a.	M27
T 28	12s17	26s39	3s10	10s39	3n 0	7n40	5n31	24s30	0s41	22s44	0n 7	17n18	2n23	23n20	0n39	13n59	1s38	21n 2	17n35	16s12	16s19	23s29		n.a.	T 28

Julian Day Number = 1271831.5, Delta T = 08h16m25s
Ecliptic obliquity = 23°50'33, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'52, Lahiri = -20°56'52 Julian Calendar 1 Feb. 1231 BCE == Greg. Calendar 21 Jan. 1231 BCE

The year -1230 astronomical counting style corresponds to year 1231 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1231 BCE
geocentric

MARCH 1231 BCE (-1230) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 48 51	29♒14'12	22♉ 3	24°R 1	6♈53	27♐50	14♐ 0	19°R59	17°R21	11♉31	17°R36	16♒23	15♒54	22♏ 1	n.a.	W 1
T 2	9 52 48	0♓12'57	4♒55	23♒16	7°15	28°35	14° 8	19♌54	17♋20	11°32	17♍34	16°23	15°50	22° 8	n.a.	T 2
F 3	9 56 44	1°11'40	18° 7	22°34	7°36	29°19	14°16	19°50	17°18	11°33	17°32	16°R24	15°47	22°14	n.a.	F 3
S 4	10 0 41	2°10'21	1♓38	21°55	7°55	0♉ 4	14°23	19°45	17°16	11°34	17°31	16°23	15°44	22°21	n.a.	S 4
S 5	10 4 37	3° 9'00	15°28	21°19	8°12	0°48	14°31	19°41	17°15	11°35	17°29	16°22	15°41	22°28	n.a.	S 5
M 6	10 8 34	4° 7'36	29°31	20°48	8°27	1°33	14°38	19°37	17°13	11°36	17°28	16°20	15°38	22°34	n.a.	M 6
T 7	10 12 30	5° 6'11	13♈46	20°22	8°40	2°17	14°45	19°32	17°12	11°37	17°26	16°17	15°34	22°41	n.a.	T 7
W 8	10 16 27	6° 4'43	28° 6	20° 0	8°51	3° 2	14°52	19°28	17°10	11°39	17°24	16°15	15°31	22°48	n.a.	W 8
T 9	10 20 24	7° 3'13	12♉28	19°43	9° 0	3°46	14°59	19°24	17° 9	11°40	17°23	16°13	15°28	22°55	n.a.	T 9
F 10	10 24 20	8° 1'40	26°47	19°32	9° 6	4°31	15° 5	19°19	17° 7	11°41	17°21	16°11	15°25	23° 1	n.a.	F 10
S 11	10 28 17	9° 0'06	11♊ 0	19°26	9°10	5°15	15°12	19°15	17° 6	11°42	17°19	16°D11	15°22	23° 8	n.a.	S 11
S 12	10 32 13	9°58'29	25° 4	19°D24	9°R12	6° 0	15°18	19°11	17° 5	11°43	17°18	16°12	15°19	23°15	n.a.	S 12
M13	10 36 10	10°56'50	8♋59	19°28	9°11	6°44	15°24	19° 7	17° 4	11°45	17°16	16°13	15°15	23°22	n.a.	M13
T 14	10 40 6	11°55'08	22°44	19°37	9° 8	7°29	15°30	19° 3	17° 2	11°46	17°14	16°14	15°12	23°28	n.a.	T 14
W15	10 44 3	12°53'24	6♌17	19°51	9° 3	8°13	15°36	18°59	17° 1	11°47	17°13	16°15	15° 9	23°35	n.a.	W15
T 16	10 47 59	13°51'38	19°38	20° 9	8°55	8°58	15°42	18°55	17° 0	11°49	17°11	16°R16	15° 6	23°42	n.a.	T 16
F 17	10 51 56	14°49'50	2♍47	20°32	8°44	9°42	15°48	18°51	16°59	11°50	17° 9	16°15	15° 3	23°48	n.a.	F 17
S 18	10 55 53	15°48'00	15°43	21° 0	8°31	10°26	15°53	18°47	16°58	11°51	17° 8	16°12	15° 0	23°55	n.a.	S 18
S 19	10 59 49	16°46'09	28°26	21°31	8°16	11°11	15°58	18°43	16°57	11°53	17° 6	16° 8	14°56	24° 2	n.a.	S 19
M20	11 3 46	17°44'15	10♎55	22° 7	7°58	11°55	16° 3	18°39	16°56	11°54	17° 4	16° 3	14°53	24° 9	n.a.	M20
T 21	11 7 42	18°42'19	23°13	22°47	7°38	12°40	16° 8	18°36	16°56	11°56	17° 2	15°58	14°50	24°15	n.a.	T 21
W22	11 11 39	19°40'22	5♏20	23°30	7°15	13°24	16°13	18°32	16°55	11°57	17° 1	15°52	14°47	24°22	n.a.	W22
T 23	11 15 35	20°38'24	17°19	24°17	6°51	14° 8	16°18	18°28	16°54	11°59	16°59	15°47	14°44	24°29	n.a.	T 23
F 24	11 19 32	21°36'23	29°12	25° 7	6°24	14°53	16°22	18°25	16°53	12° 0	16°57	15°43	14°40	24°35	n.a.	F 24
S 25	11 23 28	22°34'22	11♐ 5	26° 1	5°55	15°37	16°26	18°21	16°53	12° 2	16°56	15°41	14°37	24°42	n.a.	S 25
S 26	11 27 25	23°32'18	23° 1	26°57	5°25	16°21	16°30	18°18	16°52	12° 3	16°54	15°D40	14°34	24°49	n.a.	S 26
M27	11 31 21	24°30'14	5♉ 5	27°57	4°52	17° 5	16°34	18°15	16°52	12° 5	16°52	15°41	14°31	24°56	n.a.	M27
T 28	11 35 18	25°28'08	17°22	29° 0	4°19	17°50	16°38	18°12	16°51	12° 7	16°51	15°42	14°28	25° 2	n.a.	T 28
W29	11 39 15	26°26'00	29°57	0♓ 5	3°44	18°34	16°42	18° 8	16°51	12° 8	16°49	15°44	14°25	25° 9	n.a.	W29
T 30	11 43 11	27°23'51	12♒53	1°13	3° 8	19°18	16°45	18° 5	16°50	12°10	16°47	15°R44	14°21	25°16	n.a.	T 30
F 31	11 47 8	28♓21'41	26♒13	2♓24	2♈31	20♉ 2	16♐48	18♌ 2	16♋50	12♉12	16♍46	15♒44	14♒18	25♏23	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11s56	24s 9	2s11	11s 6	2n48	7n56	5n38	24s32	0s43	22s45	0n 7	17n19	2n23	23n20	0n39	13n59	1s38	21n 3	17n35	16s12	16s20	23s31			n.a.
T 2	11 35	20 23	1 3	11 33	2 35	8 12	5 45	24 34	0 44	22 46	0 7	17 21	2 23	23 20	0 39	14 0	1 38	21 4	17 36	16 11	16 21	23 32			n.a.
F 3	11 14	15 30	0n10	12 0	2 21	8 26	5 52	24 35	0 45	22 47	0 7	17 22	2 23	23 20	0 39	14 0	1 38	21 5	17 36	16 11	16 22	23 34			n.a.
S 4	10 53	9 47	1 23	12 26	2 7	8 40	5 59	24 36	0 46	22 48	0 7	17 24	2 23	23 21	0 39	14 1	1 38	21 5	17 36	16 11	16 23	23 36			n.a.
S 5	10 31	3 28	2 34	12 52	1 52	8 53	6 5	24 37	0 47	22 49	0 7	17 25	2 23	23 21	0 39	14 1	1 38	21 6	17 36	16 12	16 24	23 37			n.a.
M 6	10 10	3n 6	3 36	13 17	1 36	9 5	6 12	24 38	0 48	22 50	0 7	17 27	2 23	23 21	0 39	14 1	1 38	21 7	17 36	16 12	16 25	23 39			n.a.
T 7	9 48	9 35	4 26	13 40	1 20	9 16	6 18	24 39	0 49	22 51	0 7	17 28	2 23	23 21	0 39	14 2	1 38	21 8	17 36	16 13	16 26	23 41			n.a.
W 8	9 26	15 37	4 59	14 2	1 5	9 26	6 24	24 39	0 50	22 52	0 6	17 30	2 23	23 21	0 39	14 2	1 38	21 9	17 36	16 14	16 27	23 42			n.a.
T 9	9 4	20 48	5 14	14 23	0 49	9 34	6 30	24 39	0 51	22 53	0 6	17 31	2 23	23 22	0 39	14 3	1 38	21 9	17 37	16 15	16 28	23 44			n.a.
F 10	8 42	24 46	5 9	14 41	0 33	9 42	6 35	24 38	0 53	22 53	0 6	17 32	2 23	23 22	0 39	14 3	1 38	21 10	17 37	16 15	16 29	23 46			n.a.
S 11	8 20	27 11	4 46	14 57	0 18	9 48	6 40	24 38	0 54	22 54	0 6	17 34	2 23	23 22	0 39	14 3	1 37	21 11	17 37	16 15	16 30	23 47			n.a.
S 12	7 57	27 50	4 5	15 12	0 3	9 53	6 45	24 37	0 55	22 55	0 6	17 35	2 23	23 22	0 38	14 4	1 37	21 12	17 37	16 15	16 31	23 49			n.a.
M13	7 35	26 42	3 11	15 24	0s11	9 57	6 49	24 36	0 56	22 56	0 6	17 36	2 23	23 22	0 38	14 4	1 37	21 12	17 37	16 15	16 32	23 51			n.a.
T 14	7 12	23 57	2 6	15 34	0 25	9 59	6 53	24 35	0 57	22 57	0 6	17 37	2 23	23 22	0 38	14 5	1 37	21 13	17 37	16 14	16 33	23 52			n.a.
W15	6 50	19 54	0 55	15 43	0 38	10 0	6 57	24 33	0 58	22 57	0 6	17 39	2 23	23 22	0 38	14 5	1 37	21 14	17 37	16 14	16 34	23 54			n.a.
T 16	6 27	14 53	0s18	15 49	0 51	10 0	7 0	24 31	0 59	22 58	0 6	17 40	2 23	23 23	0 38	14 6	1 37	21 14	17 37	16 14	16 35	23 56			n.a.
F 17	6 4	9 16	1 29	15 53	1 3	9 58	7 3	24 29	1 1	22 59	0 5	17 41	2 23	23 23	0 38	14 6	1 37	21 15	17 37	16 14	16 36	23 57			n.a.
S 18	5 41	3 22	2 34	15 55	1 14	9 55	7 5	24 27	1 2	23 0	0 5	17 42	2 23	23 23	0 38	14 7	1 37	21 16	17 37	16 15	16 37	23 59			n.a.
S 19	5 19	2s34	3 30	15 54	1 25	9 50	7 7	24 24	1 3	23 0	0 5	17 43	2 23	23 23	0 38	14 7	1 37	21 16	17 37	16 16	16 38	24 1			n.a.
M20	4 56	8 17	4 15	15 52	1 35	9 44	7 8	24 22	1 4	23 1	0 5	17 45	2 23	23 23	0 38	14 8	1 37	21 17	17 37	16 17	16 39	24 2			n.a.
T 21	4 32	13 36	4 47	15 48	1 45	9 36	7 8	24 19	1 5	23 2	0 5	17 46	2 23	23 23	0 38	14 8	1 37	21 18	17 37	16 19	16 39	24 4			n.a.
W22	4 9	18 18	5 6	15 41	1 53	9 27	7 8	24 15	1 6	23 2	0 5	17 47	2 22	23 23	0 38	14 9	1 37	21 18	17 37	16 21	16 40	24 5			n.a.
T 23	3 46	22 14	5 11	15 33	2 1	9 16	7 7	24 12	1 7	23 3	0 5	17 48	2 22	23 23	0 38	14 9	1 37	21 19	17 37	16 22	16 41	24 7			n.a.
F 24	3 23	25 14	5 2	15 23	2 9	9 3	7 5	24 8	1 9	23 3	0 5	17 49	2 22	23 23	0 38	14 10	1 37	21 20	17 37	16 24	16 42	24 8			n.a.
S 25	3 0	27 7	4 41	15 11	2 15	8 50	7 2	24 4	1 10	23 4	0 4	17 50	2 22	23 23	0 38	14 10	1 37	21 20	17 37	16 24	16 43	24 10			n.a.
S 26	2 36	27 47	4 8	14 56	2 21	8 34	6 59	24 0	1 11	23 4	0 4	17 51	2 22	23 23	0 38	14 11	1 37	21 21	17 37	16 24	16 44	24 12			n.a.
M27	2 13	27 7	3 23	14 40	2 26	8 18	6 55	23 55	1 12	23 5	0 4	17 52	2 22	23 23	0 38	14 11	1 37	21 22	17 37	16 24	16 45	24 13			n.a.
T 28	1 50	25 8	2 28	14 22	2 31	8 0	6 50	23 51	1 13	23 5	0 4	17 53	2 22	23 23	0 38	14 12	1 37	21 22	17 37	16 24	16 46	24 15			n.a.
W29	1 26	21 53	1 25	14 2	2 35	7 40	6 45	23 46	1 14	23 6	0 4	17 54	2 22	23 23	0 38	14 12	1 37	21 23	17 36	16 23	16 47	24 16			n.a.
T 30	1 3	17 29	0 15	13 41	2 38	7 20	6 38	23 41	1 16	23 6	0 4	17 54	2 22	23 23	0 38	14 13	1 36	21 23	17 36	16 23	16 48	24 18			n.a.
F 31	0s40	12s 6	0n56	13s17	2s41	6n59	6n31	23s35	1s17	23s 7	0n 4	17n55	2n22	23n23	0n38	14n14	1s36	21n24	17n36	16s23	16s49	24s19			n.a.

Julian Day Number = 1271859.5, Delta T = 08h16m23s
Ecliptic obliquity = 23°50'34, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'48, Lahiri = -20°56'48 Julian Calendar 1 March 1231 BCE == Greg. Calendar 18 Feb. 1231 BCE

The year -1230 astronomical counting style corresponds to year 1231 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1231 BCE
geocentric

APRIL 1231 BCE (-1230) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 51 4	29♓19'29	9♓59	3♓38	1°R54	20♑46	16♐51	17°R59	16°R50	12♉13	16°R44	15°R42	14♒15	25♏29	n.a.	S 1
S 2	11 55 1	0♈17'15	24° 8	4°54	1♈16	21°30	16°54	17♌57	16♋50	12°15	16♍42	15♒38	14°12	25°36	n.a.	S 2
M 3	11 58 57	1°15'00	8♈36	6°12	0°38	22°14	16°57	17°54	16°49	12°17	16°41	15°32	14° 9	25°43	n.a.	M 3
T 4	12 2 54	2°12'44	23°18	7°33	29♓59	22°58	16°59	17°51	16°49	12°19	16°39	15°25	14° 5	25°49	n.a.	T 4
W 5	12 6 50	3°10'26	8♉ 6	8°56	29°22	23°42	17° 1	17°49	16°D49	12°20	16°38	15°17	14° 2	25°56	n.a.	W 5
T 6	12 10 47	4° 8'06	22°51	10°21	28°45	24°26	17° 4	17°46	16°49	12°22	16°36	15°11	13°59	26° 3	n.a.	T 6
F 7	12 14 44	5° 5'44	7♊26	11°49	28° 9	25°10	17° 5	17°44	16°49	12°24	16°34	15° 6	13°56	26°10	n.a.	F 7
S 8	12 18 40	6° 3'21	21°48	13°18	27°34	25°54	17° 7	17°41	16°49	12°26	16°33	15° 4	13°53	26°16	n.a.	S 8
S 9	12 22 37	7° 0'57	5♋52	14°51	27° 0	26°38	17° 9	17°39	16°50	12°28	16°31	15°D 3	13°50	26°23	n.a.	S 9
M10	12 26 33	7°58'30	19°39	16°25	26°28	27°21	17°10	17°37	16°50	12°30	16°30	15° 3	13°46	26°30	n.a.	M10
T 11	12 30 30	8°56'02	3♌ 8	18° 1	25°57	28° 5	17°11	17°35	16°50	12°32	16°28	15° 4	13°43	26°36	n.a.	T 11
W12	12 34 26	9°53'32	16°22	19°40	25°28	28°49	17°12	17°33	16°50	12°34	16°27	15°R 4	13°40	26°43	n.a.	W12
T 13	12 38 23	10°51'01	29°22	21°21	25° 1	29°32	17°13	17°31	16°51	12°36	16°25	15° 3	13°37	26°50	n.a.	T 13
F 14	12 42 19	11°48'28	12♍10	23° 4	24°35	0♒16	17°14	17°29	16°51	12°38	16°24	15° 0	13°34	26°57	n.a.	F 14
S 15	12 46 16	12°45'54	24°47	24°49	24°12	0°59	17°14	17°28	16°52	12°39	16°22	14°55	13°31	27° 3	n.a.	S 15
S 16	12 50 13	13°43'18	7♎13	26°37	23°52	1°43	17°14	17°26	16°52	12°41	16°21	14°47	13°27	27°10	n.a.	S 16
M17	12 54 9	14°40'42	19°31	28°26	23°33	2°26	17°R14	17°25	16°53	12°43	16°19	14°37	13°24	27°17	n.a.	M17
T 18	12 58 6	15°38'04	1♏40	0♈18	23°17	3°10	17°14	17°23	16°53	12°46	16°18	14°26	13°21	27°23	n.a.	T 18
W19	13 2 2	16°35'25	13°41	2°12	23° 4	3°53	17°14	17°22	16°54	12°48	16°16	14°14	13°18	27°30	n.a.	W19
T 20	13 5 59	17°32'45	25°37	4° 8	22°52	4°36	17°13	17°21	16°55	12°50	16°15	14° 4	13°15	27°37	n.a.	T 20
F 21	13 9 55	18°30'05	7♐29	6° 6	22°44	5°19	17°12	17°20	16°56	12°52	16°14	13°55	13°11	27°44	n.a.	F 21
S 22	13 13 52	19°27'23	19°20	8° 6	22°37	6° 2	17°12	17°19	16°57	12°54	16°12	13°49	13° 8	27°50	n.a.	S 22
S 23	13 17 48	20°24'41	1♑15	10° 8	22°33	6°46	17°10	17°18	16°57	12°56	16°11	13°45	13° 5	27°57	n.a.	S 23
M24	13 21 45	21°21'58	13°17	12°12	22°D32	7°29	17° 9	17°17	16°58	12°58	16°10	13°43	13° 2	28° 4	n.a.	M24
T 25	13 25 42	22°19'15	25°32	14°17	22°32	8°12	17° 8	17°16	16°59	13° 0	16° 8	13°D43	12°59	28°11	n.a.	T 25
W26	13 29 38	23°16'31	8♒ 4	16°24	22°36	8°54	17° 6	17°15	17° 0	13° 2	16° 7	13°R43	12°56	28°17	n.a.	W26
T 27	13 33 35	24°13'46	20°58	18°32	22°41	9°37	17° 4	17°15	17° 2	13° 4	16° 6	13°43	12°52	28°24	n.a.	T 27
F 28	13 37 31	25°11'00	4♓19	20°42	22°49	10°20	17° 2	17°14	17° 3	13° 6	16° 5	13°42	12°49	28°31	n.a.	F 28
S 29	13 41 28	26° 8'14	18° 8	22°52	22°58	11° 3	17° 0	17°14	17° 4	13° 9	16° 3	13°38	12°46	28°37	n.a.	S 29
S 30	13 45 24	27♈ 5'28	2♈26	25♈ 3	23♓10	11♒45	16♐57	17♌14	17♋ 5	13♉11	16♍ 2	13♒31	12♒43	28♏44	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s16	6s 0	2n 7	12s52	2s43	6n36	6n23	23s29	1s18	23s 7	0n 4	17n56	2n21	23n23	0n38	14n14	1s36	21n24	17n36	16s24	16s50	24s21		n.a.
S 2	0n 7	0n34	3 12	12 25	2 44	6 13	6 15	23 24	1 19	23 8	0 3	17 57	2 21	23 23	0 38	14 15	1 36	21 25	17 36	16 25	16 51	24 22		n.a.
M 3	0 30	7 14	4 6	11 56	2 45	5 49	6 5	23 18	1 20	23 8	0 3	17 58	2 21	23 23	0 38	14 15	1 36	21 25	17 36	16 27	16 52	24 24		n.a.
T 4	0 54	13 36	4 45	11 26	2 45	5 25	5 55	23 11	1 22	23 8	0 3	17 58	2 21	23 23	0 38	14 16	1 36	21 26	17 36	16 29	16 53	24 25		n.a.
W 5	1 17	19 14	5 5	10 54	2 45	5 0	5 45	23 5	1 23	23 9	0 3	17 59	2 21	23 23	0 38	14 16	1 36	21 26	17 35	16 31	16 54	24 27		n.a.
T 6	1 40	23 41	5 4	10 20	2 44	4 35	5 33	22 58	1 24	23 9	0 3	18 0	2 21	23 23	0 38	14 17	1 36	21 27	17 35	16 33	16 55	24 28		n.a.
F 7	2 3	26 35	4 44	9 44	2 42	4 9	5 22	22 51	1 25	23 9	0 3	18 0	2 21	23 23	0 38	14 18	1 36	21 27	17 35	16 35	16 55	24 30		n.a.
S 8	2 27	27 41	4 7	9 7	2 40	3 44	5 9	22 44	1 26	23 10	0 3	18 1	2 21	23 23	0 38	14 18	1 36	21 28	17 35	16 35	16 56	24 31		n.a.
S 9	2 50	26 57	3 15	8 28	2 37	3 19	4 57	22 37	1 27	23 10	0 2	18 1	2 20	23 23	0 38	14 19	1 36	21 28	17 35	16 36	16 57	24 33		n.a.
M10	3 13	24 33	2 12	7 48	2 33	2 54	4 44	22 29	1 29	23 10	0 2	18 2	2 20	23 23	0 38	14 19	1 36	21 29	17 34	16 36	16 58	24 34		n.a.
T 11	3 36	20 49	1 4	7 5	2 29	2 29	4 31	22 22	1 30	23 11	0 2	18 3	2 20	23 23	0 38	14 20	1 36	21 29	17 34	16 35	16 59	24 36		n.a.
W12	3 59	16 5	0s 7	6 22	2 24	2 5	4 17	22 14	1 31	23 11	0 2	18 3	2 20	23 23	0 38	14 21	1 36	21 29	17 34	16 35	17 0	24 37		n.a.
T 13	4 22	10 42	1 16	5 37	2 19	1 42	4 3	22 5	1 32	23 11	0 2	18 3	2 20	23 23	0 38	14 21	1 36	21 30	17 34	16 35	17 1	24 39		n.a.
F 14	4 45	4 58	2 20	4 50	2 13	1 19	3 49	21 57	1 33	23 11	0 2	18 4	2 20	23 23	0 38	14 22	1 36	21 30	17 33	16 36	17 2	24 40		n.a.
S 15	5 7	0s52	3 16	4 2	2 7	0 57	3 36	21 49	1 34	23 11	0 2	18 4	2 20	23 23	0 38	14 23	1 36	21 30	17 33	16 38	17 3	24 41		n.a.
S 16	5 30	6 36	4 1	3 12	2 0	0 36	3 22	21 40	1 36	23 12	0 2	18 5	2 19	23 23	0 38	14 23	1 36	21 31	17 33	16 40	17 4	24 43		n.a.
M17	5 53	11 59	4 35	2 21	1 53	0 16	3 8	21 31	1 37	23 12	0 1	18 5	2 19	23 23	0 38	14 24	1 36	21 31	17 32	16 43	17 5	24 44		n.a.
T 18	6 15	16 51	4 56	1 29	1 45	0s 3	2 54	21 22	1 38	23 12	0 1	18 5	2 19	23 23	0 38	14 25	1 36	21 31	17 32	16 47	17 6	24 46		n.a.
W19	6 38	21 1	5 3	0 35	1 37	0 21	2 40	21 13	1 39	23 12	0 1	18 5	2 19	23 22	0 37	14 25	1 36	21 32	17 32	16 50	17 7	24 47		n.a.
T 20	7 0	24 17	4 57	0n20	1 28	0 38	2 27	21 3	1 40	23 12	0 1	18 6	2 19	23 22	0 37	14 26	1 36	21 32	17 31	16 53	17 7	24 48		n.a.
F 21	7 22	26 30	4 38	1 15	1 19	0 54	2 13	20 54	1 42	23 12	0 1	18 6	2 19	23 22	0 37	14 27	1 36	21 32	17 31	16 56	17 8	24 50		n.a.
S 22	7 44	27 31	4 7	2 12	1 9	1 9	2 0	20 44	1 43	23 12	0 1	18 6	2 18	23 22	0 37	14 27	1 36	21 32	17 31	16 58	17 9	24 51		n.a.
S 23	8 6	27 16	3 26	3 10	1 0	1 22	1 47	20 34	1 44	23 12	0 0	18 6	2 18	23 22	0 37	14 28	1 36	21 33	17 30	16 59	17 10	24 52		n.a.
M24	8 28	25 44	2 34	4 8	0 49	1 34	1 34	20 24	1 45	23 12	0 0	18 6	2 18	23 22	0 37	14 29	1 36	21 33	17 30	16 59	17 11	24 54		n.a.
T 25	8 50	22 57	1 35	5 7	0 39	1 46	1 22	20 14	1 46	23 12	0 0	18 6	2 18	23 22	0 37	14 29	1 36	21 33	17 30	16 59	17 12	24 55		n.a.
W26	9 11	19 2	0 30	6 7	0 29	1 56	1 10	20 3	1 47	23 12	0 0	18 6	2 18	23 21	0 37	14 30	1 36	21 33	17 29	16 59	17 13	24 57		n.a.
T 27	9 33	14 8	0n38	7 6	0 18	2 4	0 58	19 53	1 49	23 12	0s 0	18 6	2 18	23 21	0 37	14 31	1 35	21 33	17 29	16 59	17 14	24 58		n.a.
F 28	9 54	8 26	1 47	8 6	0 7	2 12	0 46	19 42	1 50	23 12	0 0	18 6	2 17	23 21	0 37	14 31	1 35	21 34	17 29	17 0	17 15	24 59		n.a.
S 29	10 15	2 8	2 52	9 5	0n 3	2 18	0 35	19 31	1 51	23 12	0 0	18 6	2 17	23 21	0 37	14 32	1 35	21 34	17 28	17 1	17 16	25 1		n.a.
S 30	10n36	4n27	3n48	10n 4	0n14	2s24	0n24	19s20	1s52	23s12	0s 1	18n 6	2n17	23n21	0n37	14n33	1s35	21n34	17n28	17s 3	17s17	25s 2		n.a.

Julian Day Number = 1271890.5, Delta T = 08h16m22s
Ecliptic obliquity = 23°50'34, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'44, Lahiri = -20°56'43 Julian Calendar 1 Apr. 1231 BCE == Greg. Calendar 21 March 1231 BCE

The year -1230 astronomical counting style corresponds to year 1231 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1231 BCE
geocentric

MAY 1231 BCE (-1230) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 49 21	28♈ 2'40	17♈ 8	27♈15	23♓24	12♒28	16°R55	17°R14	17♋ 7	13♉13	16°R 1	13°R23	12♒40	28♏51	n.a.	M 1
T 2	13 53 17	28°59'53	2♉ 8	29°26	23°40	13°10	16♐52	17°D14	17° 8	13°15	16♍ 0	13♒13	12°37	28°58	n.a.	T 2
W 3	13 57 14	29°57'04	17°16	1♉38	23°57	13°53	16°49	17♌14	17° 9	13°17	15°59	13° 2	12°33	29° 4	n.a.	W 3
T 4	14 1 11	0♉54'15	2♊23	3°49	24°17	14°35	16°46	17°14	17°11	13°19	15°58	12°53	12°30	29°11	n.a.	T 4
F 5	14 5 7	1°51'25	17°18	6° 0	24°38	15°17	16°43	17°14	17°12	13°22	15°57	12°45	12°27	29°18	n.a.	F 5
S 6	14 9 4	2°48'35	1♋54	8° 9	25° 1	15°59	16°39	17°15	17°14	13°24	15°56	12°40	12°24	29°24	n.a.	S 6
S 7	14 13 0	3°45'43	16° 6	10°18	25°26	16°41	16°36	17°15	17°15	13°26	15°55	12°37	12°21	29°31	n.a.	S 7
M 8	14 16 57	4°42'51	29°55	12°25	25°52	17°23	16°32	17°16	17°17	13°28	15°54	12°36	12°17	29°38	n.a.	M 8
T 9	14 20 53	5°39'58	13♌21	14°31	26°20	18° 5	16°28	17°16	17°19	13°30	15°53	12°36	12°14	29°45	n.a.	T 9
W10	14 24 50	6°37'04	26°26	16°35	26°50	18°47	16°24	17°17	17°21	13°33	15°52	12°36	12°11	29°51	n.a.	W10
T 11	14 28 47	7°34'09	9♍14	18°37	27°20	19°28	16°19	17°18	17°22	13°35	15°51	12°34	12° 8	29°58	n.a.	T 11
F 12	14 32 43	8°31'14	21°47	20°37	27°52	20°10	16°15	17°19	17°24	13°37	15°50	12°30	12° 5	0♐ 5	n.a.	F 12
S 13	14 36 40	9°28'18	4♎10	22°36	28°26	20°51	16°10	17°20	17°26	13°39	15°49	12°22	12° 2	0°11	n.a.	S 13
S 14	14 40 36	10°25'22	16°23	24°32	29° 1	21°33	16° 5	17°21	17°28	13°42	15°49	12°13	11°58	0°18	n.a.	S 14
M15	14 44 33	11°22'26	28°29	26°26	29°37	22°14	16° 0	17°22	17°30	13°44	15°48	12° 0	11°55	0°25	n.a.	M15
T 16	14 48 29	12°19'29	10♏30	28°19	0♈14	22°55	15°55	17°24	17°32	13°46	15°47	11°47	11°52	0°32	n.a.	T 16
W17	14 52 26	13°16'32	22°26	0♊ 9	0°52	23°36	15°50	17°25	17°34	13°48	15°46	11°33	11°49	0°38	n.a.	W17
T 18	14 56 22	14°13'35	4♐18	1°56	1°32	24°17	15°44	17°27	17°36	13°51	15°46	11°20	11°46	0°45	n.a.	T 18
F 19	15 0 19	15°10'38	16°10	3°42	2°12	24°58	15°39	17°28	17°38	13°53	15°45	11° 9	11°43	0°52	n.a.	F 19
S 20	15 4 16	16° 7'41	28° 1	5°25	2°54	25°39	15°33	17°30	17°41	13°55	15°45	11° 1	11°39	0°58	n.a.	S 20
S 21	15 8 12	17° 4'44	9♑57	7° 7	3°36	26°19	15°27	17°32	17°43	13°57	15°44	10°55	11°36	1° 5	n.a.	S 21
M22	15 12 9	18° 1'47	21°59	8°46	4°20	27° 0	15°21	17°34	17°45	13°59	15°43	10°52	11°33	1°12	n.a.	M22
T 23	15 16 5	18°58'51	4♒13	10°22	5° 4	27°40	15°15	17°36	17°48	14° 2	15°43	10°51	11°30	1°19	n.a.	T 23
W24	15 20 2	19°55'55	16°44	11°57	5°49	28°20	15° 9	17°38	17°50	14° 4	15°42	10°51	11°27	1°25	n.a.	W24
T 25	15 23 58	20°52'59	29°35	13°29	6°35	29° 1	15° 3	17°40	17°52	14° 6	15°42	10°51	11°23	1°32	n.a.	T 25
F 26	15 27 55	21°50'03	12♓51	14°59	7°22	29°41	14°56	17°43	17°55	14° 8	15°41	10°50	11°20	1°39	n.a.	F 26
S 27	15 31 51	22°47'08	26°36	16°27	8°10	0♓20	14°50	17°45	17°57	14°11	15°41	10°46	11°17	1°45	n.a.	S 27
S 28	15 35 48	23°44'13	10♈50	17°53	8°59	1° 0	14°43	17°47	18° 0	14°13	15°41	10°40	11°14	1°52	n.a.	S 28
M29	15 39 45	24°41'19	25°32	19°16	9°48	1°40	14°36	17°50	18° 2	14°15	15°40	10°32	11°11	1°59	n.a.	M29
T 30	15 43 41	25°38'25	10♉36	20°37	10°38	2°19	14°30	17°53	18° 5	14°17	15°40	10°22	11° 8	2° 6	n.a.	T 30
W31	15 47 38	26♉35'32	25♉52	21♊55	11♈28	2♓58	14♐23	17♌55	18♋ 8	14♉19	15♍40	10♒12	11♒ 4	2♐12	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	10n57	10n59	4n30	11n 2	0n24	2s28	0n13	19s 9	1s53	23s12	0s 1	18n 6	2n17	23n20	0n37	14n33	1s35	21n34	17n27	17s 5	17s18	25s 3			n.a.
T 2	11 18	17 1	4 55	12 0	0 34	2 31	0 3	18 58	1 54	23 12	0 1	18 6	2 17	23 20	0 37	14 34	1 35	21 34	17 27	17 8	17 18	25 4			n.a.
W 3	11 39	22 4	5 0	12 56	0 44	2 33	0s 7	18 47	1 55	23 12	0 1	18 6	2 17	23 20	0 37	14 35	1 35	21 34	17 27	17 11	17 19	25 6			n.a.
T 4	11 59	25 37	4 44	13 50	0 54	2 34	0 17	18 35	1 57	23 12	0 1	18 5	2 16	23 20	0 37	14 35	1 35	21 34	17 26	17 14	17 20	25 7			n.a.
F 5	12 19	27 21	4 9	14 44	1 3	2 34	0 26	18 24	1 58	23 11	0 1	18 5	2 16	23 20	0 37	14 36	1 35	21 34	17 26	17 16	17 21	25 8			n.a.
S 6	12 39	27 7	3 17	15 35	1 11	2 33	0 35	18 12	1 59	23 11	0 2	18 5	2 16	23 19	0 37	14 37	1 35	21 34	17 25	17 18	17 22	25 10			n.a.
S 7	12 59	25 5	2 15	16 24	1 19	2 31	0 44	18 0	2 0	23 11	0 2	18 5	2 16	23 19	0 37	14 37	1 35	21 34	17 25	17 18	17 23	25 11			n.a.
M 8	13 19	21 36	1 7	17 12	1 27	2 28	0 52	17 48	2 1	23 11	0 2	18 4	2 16	23 19	0 37	14 38	1 35	21 34	17 24	17 18	17 24	25 12			n.a.
T 9	13 38	17 2	0s 4	17 57	1 33	2 24	1 0	17 36	2 2	23 10	0 2	18 4	2 15	23 19	0 37	14 39	1 35	21 34	17 24	17 19	17 25	25 13			n.a.
W10	13 57	11 47	1 12	18 40	1 40	2 19	1 8	17 24	2 3	23 10	0 2	18 3	2 15	23 18	0 37	14 39	1 35	21 34	17 23	17 19	17 26	25 15			n.a.
T 11	14 16	6 9	2 16	19 20	1 45	2 14	1 16	17 12	2 4	23 10	0 2	18 3	2 15	23 18	0 37	14 40	1 35	21 34	17 23	17 19	17 27	25 16			n.a.
F 12	14 35	0 24	3 11	19 58	1 50	2 7	1 23	16 59	2 6	23 10	0 2	18 3	2 15	23 18	0 37	14 41	1 35	21 34	17 22	17 20	17 28	25 17			n.a.
S 13	14 53	5s17	3 56	20 34	1 54	2 0	1 30	16 47	2 7	23 9	0 3	18 2	2 15	23 18	0 37	14 41	1 35	21 34	17 22	17 22	17 28	25 18			n.a.
S 14	15 12	10 41	4 30	21 7	1 58	1 52	1 36	16 34	2 8	23 9	0 3	18 1	2 15	23 17	0 37	14 42	1 35	21 33	17 21	17 25	17 29	25 20			n.a.
M15	15 30	15 38	4 51	21 38	2 1	1 43	1 43	16 22	2 9	23 9	0 3	18 1	2 14	23 17	0 37	14 43	1 35	21 33	17 21	17 29	17 30	25 21			n.a.
T 16	15 48	19 56	4 59	22 7	2 3	1 34	1 49	16 9	2 10	23 8	0 3	18 0	2 14	23 17	0 37	14 44	1 35	21 33	17 20	17 33	17 31	25 22			n.a.
W17	16 5	23 25	4 54	22 33	2 4	1 24	1 55	15 56	2 11	23 8	0 3	18 0	2 14	23 16	0 37	14 44	1 35	21 33	17 20	17 36	17 32	25 23			n.a.
T 18	16 23	25 53	4 36	22 56	2 5	1 13	2 0	15 43	2 12	23 7	0 3	17 59	2 14	23 16	0 37	14 45	1 35	21 33	17 19	17 40	17 33	25 24			n.a.
F 19	16 40	27 11	4 6	23 17	2 5	1 1	2 5	15 30	2 13	23 7	0 4	17 58	2 14	23 16	0 37	14 46	1 35	21 33	17 19	17 43	17 34	25 25			n.a.
S 20	16 56	27 15	3 26	23 36	2 4	0 49	2 10	15 17	2 14	23 6	0 4	17 58	2 13	23 16	0 37	14 46	1 35	21 32	17 18	17 45	17 35	25 27			n.a.
S 21	17 13	26 3	2 36	23 53	2 3	0 36	2 15	15 4	2 15	23 6	0 4	17 57	2 13	23 15	0 37	14 47	1 35	21 32	17 18	17 47	17 36	25 28			n.a.
M22	17 29	23 37	1 38	24 8	2 1	0 23	2 20	14 51	2 16	23 5	0 4	17 56	2 13	23 15	0 37	14 48	1 35	21 32	17 17	17 48	17 37	25 29			n.a.
T 23	17 45	20 6	0 35	24 20	1 59	0 9	2 24	14 38	2 18	23 5	0 4	17 55	2 13	23 15	0 37	14 48	1 35	21 31	17 17	17 48	17 37	25 30			n.a.
W24	18 1	15 36	0n31	24 31	1 56	0n 6	2 28	14 25	2 19	23 4	0 5	17 54	2 13	23 14	0 37	14 49	1 35	21 31	17 16	17 48	17 38	25 31			n.a.
T 25	18 17	10 18	1 37	24 39	1 52	0 21	2 32	14 11	2 20	23 4	0 5	17 54	2 13	23 14	0 37	14 50	1 35	21 31	17 16	17 48	17 39	25 32			n.a.
F 26	18 32	4 23	2 41	24 46	1 47	0 36	2 35	13 58	2 21	23 3	0 5	17 53	2 12	23 13	0 37	14 50	1 35	21 31	17 15	17 49	17 40	25 34			n.a.
S 27	18 47	1n56	3 37	24 50	1 43	0 52	2 39	13 45	2 22	23 3	0 5	17 52	2 12	23 13	0 37	14 51	1 35	21 30	17 14	17 50	17 41	25 35			n.a.
S 28	19 1	8 22	4 22	24 53	1 37	1 9	2 42	13 31	2 23	23 2	0 5	17 51	2 12	23 13	0 37	14 52	1 35	21 30	17 14	17 51	17 42	25 36			n.a.
M29	19 16	14 32	4 51	24 55	1 31	1 25	2 45	13 18	2 24	23 2	0 5	17 50	2 12	23 12	0 37	14 52	1 35	21 29	17 13	17 53	17 43	25 37			n.a.
T 30	19 30	20 0	5 1	24 54	1 24	1 43	2 48	13 4	2 25	23 1	0 6	17 49	2 12	23 12	0 36	14 53	1 35	21 29	17 13	17 56	17 44	25 38			n.a.
W31	19n43	24n14	4n50	24n53	1n17	2n 1	2s50	12s51	2s26	23s 0	0s 6	17n48	2n12	23n12	0n36	14n54	1s35	21n29	17n12	17s59	17s45	25s39			n.a.

Julian Day Number = 1271920.5, Delta T = 08h16m20s
Ecliptic obliquity = 23°50'33, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'40, Lahiri = -20°56'39 Julian Calendar 1 May 1231 BCE == Greg. Calendar 20 Apr. 1231 BCE

The year -1230 astronomical counting style corresponds to year 1231 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1231 BCE
geocentric

JUNE 1231 BCE (-1230) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 51 34	27♉32'39	11♊ 9	23♊11	12♈19	3♓38	14°R15	17♌58	18♋10	14♉22	15°R40	10°R 3	11♒ 1	2♐19	n.a.	T 1
F 2	15 55 31	28°29'46	26°17	24°24	13°11	4°17	14♐ 8	18° 1	18°13	14°24	15♏39	9♒55	10°58	2°26	n.a.	F 2
S 3	15 59 27	29°26'54	11♋ 6	25°35	14° 4	4°55	14° 1	18° 4	18°16	14°26	15°39	9°50	10°55	2°33	n.a.	S 3
S 4	16 3 24	0♊24'02	25°30	26°43	14°57	5°34	13°54	18° 7	18°19	14°28	15°39	9°47	10°52	2°39	n.a.	S 4
M 5	16 7 21	1°21'10	9♌27	27°49	15°50	6°13	13°47	18°11	18°21	14°30	15°39	9°D47	10°48	2°46	n.a.	M 5
T 6	16 11 17	2°18'18	22°57	28°51	16°44	6°51	13°39	18°14	18°24	14°32	15°39	9°47	10°45	2°53	n.a.	T 6
W 7	16 15 14	3°15'26	6♍ 2	29°51	17°39	7°29	13°32	18°17	18°27	14°35	15°D39	9°R47	10°42	2°59	n.a.	W 7
T 8	16 19 10	4°12'34	18°47	0♋48	18°34	8° 7	13°24	18°21	18°30	14°37	15°39	9°46	10°39	3° 6	n.a.	T 8
F 9	16 23 7	5° 9'43	1♎15	1°41	19°30	8°45	13°16	18°24	18°33	14°39	15°39	9°43	10°36	3°13	n.a.	F 9
S 10	16 27 3	6° 6'52	13°29	2°32	20°26	9°22	13° 9	18°28	18°36	14°41	15°39	9°38	10°33	3°20	n.a.	S 10
S 11	16 31 0	7° 4'02	25°35	3°18	21°22	10° 0	13° 1	18°32	18°39	14°43	15°39	9°30	10°29	3°26	n.a.	S 11
M12	16 34 56	8° 1'12	7♏33	4° 2	22°19	10°37	12°54	18°35	18°42	14°45	15°39	9°20	10°26	3°33	n.a.	M12
T 13	16 38 53	8°58'23	19°28	4°41	23°16	11°14	12°46	18°39	18°45	14°47	15°40	9° 9	10°23	3°40	n.a.	T 13
W14	16 42 50	9°55'34	1♐21	5°17	24°14	11°51	12°38	18°43	18°48	14°49	15°40	8°58	10°20	3°46	n.a.	W14
T 15	16 46 46	10°52'47	13°12	5°49	25°13	12°28	12°30	18°47	18°51	14°51	15°40	8°48	10°17	3°53	n.a.	T 15
F 16	16 50 43	11°50'00	25° 5	6°16	26°11	13° 4	12°23	18°51	18°55	14°53	15°40	8°39	10°14	4° 0	n.a.	F 16
S 17	16 54 39	12°47'14	7♑ 1	6°40	27°10	13°41	12°15	18°55	18°58	14°55	15°41	8°32	10°10	4° 6	n.a.	S 17
S 18	16 58 36	13°44'29	19° 2	6°58	28°10	14°17	12° 7	19° 0	19° 1	14°57	15°41	8°28	10° 7	4°13	n.a.	S 18
M19	17 2 32	14°41'45	1♒10	7°12	29° 9	14°53	11°59	19° 4	19° 4	14°59	15°41	8°26	10° 4	4°20	n.a.	M19
T 20	17 6 29	15°39'02	13°29	7°22	0♉ 9	15°29	11°52	19° 8	19° 8	15° 1	15°42	8°D26	10° 1	4°27	n.a.	T 20
W21	17 10 26	16°36'20	26° 2	7°R26	1°10	16° 4	11°44	19°13	19°11	15° 3	15°42	8°27	9°58	4°33	n.a.	W21
T 22	17 14 22	17°33'40	8♓53	7°25	2°11	16°39	11°36	19°17	19°14	15° 5	15°43	8°28	9°54	4°40	n.a.	T 22
F 23	17 18 19	18°31'01	22° 7	7°19	3°12	17°14	11°29	19°22	19°18	15° 7	15°43	8°R28	9°51	4°47	n.a.	F 23
S 24	17 22 15	19°28'23	5♈45	7° 8	4°13	17°49	11°21	19°27	19°21	15° 9	15°44	8°27	9°48	4°53	n.a.	S 24
S 25	17 26 12	20°25'47	19°51	6°52	5°15	18°24	11°13	19°32	19°24	15°11	15°44	8°24	9°45	5° 0	n.a.	S 25
M26	17 30 8	21°23'12	4♉21	6°30	6°17	18°58	11° 6	19°36	19°28	15°13	15°45	8°19	9°42	5° 7	n.a.	M26
T 27	17 34 5	22°20'38	19°14	6° 4	7°19	19°32	10°58	19°41	19°31	15°15	15°46	8°12	9°39	5°14	n.a.	T 27
W28	17 38 1	23°18'06	4♊21	5°33	8°22	20° 6	10°51	19°46	19°35	15°17	15°46	8° 6	9°35	5°20	n.a.	W28
T 29	17 41 58	24°15'36	19°34	4°58	9°25	20°39	10°43	19°51	19°38	15°19	15°47	8° 0	9°32	5°27	n.a.	T 29
F 30	17 45 55	25♊13'06	4♋42	4♋18	10♉28	21♓13	10♐36	19♌56	19♋42	15♉20	15♏48	7♒55	9♒29	5♐34	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	19n57	26n45	4n19	24n49	1n10	2n19	2s52	12s37	2s27	23s 0	0s 6	17n47	2n11	23n11	0n36	14n54	1s35	21n28	17n12	18s 2	17s45	25s40		n.a.	T 1
F 2	20 10	27 16	3 29	24 45	1 1	2 37	2 55	12 24	2 28	22 59	0 6	17 46	2 11	23 11	0 36	14 55	1 35	21 28	17 11	18 4	17 46	25 41		n.a.	F 2
S 3	20 22	25 48	2 26	24 39	0 53	2 56	2 57	12 10	2 29	22 58	0 6	17 45	2 11	23 10	0 36	14 56	1 35	21 27	17 10	18 5	17 47	25 42		n.a.	S 3
S 4	20 35	22 38	1 15	24 32	0 43	3 15	2 58	11 56	2 30	22 57	0 6	17 43	2 11	23 10	0 36	14 56	1 35	21 27	17 10	18 6	17 48	25 43		n.a.	S 4
M 5	20 47	18 13	0 2	24 23	0 34	3 34	3 0	11 43	2 31	22 57	0 7	17 42	2 11	23 10	0 36	14 57	1 35	21 26	17 9	18 6	17 49	25 44		n.a.	M 5
T 6	20 58	13 0	1s 9	24 14	0 24	3 54	3 1	11 29	2 32	22 56	0 7	17 41	2 11	23 9	0 36	14 57	1 35	21 26	17 9	18 6	17 50	25 45		n.a.	T 6
W 7	21 10	7 22	2 15	24 4	0 13	4 14	3 3	11 16	2 33	22 55	0 7	17 40	2 10	23 9	0 36	14 58	1 35	21 25	17 8	18 6	17 51	25 46		n.a.	W 7
T 8	21 21	1 35	3 12	23 53	0 2	4 34	3 4	11 2	2 34	22 54	0 7	17 39	2 10	23 8	0 36	14 59	1 35	21 25	17 8	18 6	17 52	25 48		n.a.	T 8
F 9	21 31	4s 8	3 58	23 41	0s 9	4 54	3 5	10 49	2 35	22 54	0 7	17 37	2 10	23 8	0 36	14 59	1 35	21 24	17 7	18 7	17 52	25 49		n.a.	F 9
S 10	21 41	9 35	4 33	23 28	0 21	5 15	3 6	10 35	2 36	22 53	0 7	17 36	2 10	23 8	0 36	15 0	1 35	21 24	17 6	18 8	17 53	25 50		n.a.	S 10
S 11	21 51	14 36	4 55	23 15	0 33	5 36	3 6	10 21	2 37	22 52	0 8	17 35	2 10	23 7	0 36	15 1	1 35	21 23	17 6	18 10	17 54	25 51		n.a.	S 11
M12	22 1	19 1	5 3	23 1	0 46	5 57	3 7	10 8	2 38	22 51	0 8	17 33	2 10	23 7	0 36	15 1	1 35	21 23	17 5	18 13	17 55	25 52		n.a.	M12
T 13	22 10	22 40	4 58	22 47	0 58	6 18	3 7	9 54	2 39	22 50	0 8	17 32	2 9	23 6	0 36	15 2	1 35	21 22	17 5	18 16	17 56	25 53		n.a.	T 13
W14	22 19	25 21	4 41	22 33	1 11	6 39	3 7	9 41	2 40	22 50	0 8	17 31	2 9	23 6	0 36	15 2	1 35	21 21	17 4	18 19	17 57	25 54		n.a.	W14
T 15	22 27	26 55	4 11	22 18	1 25	7 1	3 7	9 27	2 40	22 49	0 8	17 29	2 9	23 5	0 36	15 3	1 35	21 21	17 3	18 22	17 58	25 55		n.a.	T 15
F 16	22 35	27 15	3 30	22 3	1 38	7 23	3 7	9 14	2 41	22 48	0 8	17 28	2 9	23 5	0 36	15 4	1 35	21 20	17 3	18 24	17 59	25 55		n.a.	F 16
S 17	22 43	26 19	2 40	21 48	1 52	7 44	3 7	9 1	2 42	22 47	0 9	17 26	2 9	23 4	0 36	15 4	1 35	21 19	17 2	18 26	17 59	25 56		n.a.	S 17
S 18	22 50	24 9	1 42	21 34	2 6	8 6	3 6	8 47	2 43	22 46	0 9	17 25	2 9	23 4	0 36	15 5	1 35	21 19	17 2	18 27	18 0	25 57		n.a.	S 18
M19	22 57	20 52	0 39	21 19	2 20	8 28	3 6	8 34	2 44	22 45	0 9	17 23	2 9	23 3	0 36	15 5	1 35	21 18	17 1	18 28	18 1	25 58		n.a.	M19
T 20	23 3	16 37	0n27	21 5	2 33	8 50	3 5	8 21	2 45	22 44	0 9	17 22	2 8	23 3	0 36	15 6	1 35	21 17	17 0	18 28	18 2	25 59		n.a.	T 20
W21	23 9	11 35	1 33	20 51	2 47	9 12	3 4	8 7	2 46	22 43	0 9	17 20	2 8	23 2	0 36	15 6	1 35	21 17	17 0	18 27	18 3	26 0		n.a.	W21
T 22	23 15	5 58	2 36	20 38	3 0	9 34	3 3	7 54	2 47	22 43	0 9	17 19	2 8	23 2	0 36	15 7	1 35	21 16	16 59	18 27	18 4	26 1		n.a.	T 22
F 23	23 20	0n 5	3 33	20 25	3 13	9 56	3 2	7 41	2 48	22 42	0 10	17 17	2 8	23 1	0 36	15 8	1 35	21 15	16 59	18 27	18 5	26 2		n.a.	F 23
S 24	23 25	6 17	4 20	20 13	3 26	10 18	3 1	7 28	2 48	22 41	0 10	17 15	2 8	23 1	0 36	15 8	1 35	21 14	16 58	18 27	18 6	26 3		n.a.	S 24
S 25	23 29	12 23	4 52	20 2	3 38	10 40	3 0	7 15	2 49	22 40	0 10	17 14	2 8	23 0	0 36	15 9	1 35	21 14	16 58	18 28	18 6	26 4		n.a.	S 25
M26	23 33	17 59	5 7	19 52	3 49	11 2	2 59	7 2	2 50	22 39	0 10	17 12	2 8	23 0	0 36	15 9	1 35	21 13	16 57	18 30	18 7	26 5		n.a.	M26
T 27	23 37	22 40	5 2	19 43	4 0	11 24	2 57	6 49	2 51	22 38	0 10	17 10	2 7	22 59	0 36	15 10	1 35	21 12	16 56	18 31	18 8	26 6		n.a.	T 27
W28	23 40	25 54	4 37	19 34	4 9	11 46	2 56	6 37	2 52	22 37	0 10	17 9	2 7	22 59	0 36	15 10	1 36	21 11	16 56	18 33	18 9	26 7		n.a.	W28
T 29	23 43	27 16	3 51	19 28	4 17	12 7	2 54	6 24	2 53	22 36	0 10	17 7	2 7	22 58	0 36	15 11	1 36	21 10	16 55	18 35	18 10	26 7		n.a.	T 29
F 30	23n45	26n35	2n50	19n22	4s24	12n29	2s52	6s11	2s53	22s35	0s11	17n 5	2n 7	22n58	0n36	15n11	1s36	21n10	16n55	18s36	18s11	26s 8		n.a.	F 30

Julian Day Number = 1271951.5, Delta T = 08h16m18s
Ecliptic obliquity = 23°50'32, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'36, Lahiri = -20°56'35 Julian Calendar 1 June 1231 BCE == Greg. Calendar 21 May 1231 BCE

The year -1230 astronomical counting style corresponds to year 1231 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1231 BCE
geocentric

JULY 1231 BCE (-1230) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 49 51	26♊10'38	19♋34	3°R36	11♉31	21♓46	10°R29	20♌ 2	19♋45	15♉22	15♍49	7°R51	9♒26	5♐40	n.a.	S 1
S 2	17 53 48	27° 8'11	4♌ 5	2♋50	12°35	22°18	10♐22	20° 7	19°49	15°24	15°49	7°D50	9°23	5°47	n.a.	S 2
M 3	17 57 44	28° 5'45	18°10	2° 3	13°39	22°51	10°15	20°12	19°52	15°26	15°50	7♒50	9°20	5°54	n.a.	M 3
T 4	18 1 41	29° 3'20	1♍47	1°14	14°43	23°23	10° 8	20°17	19°56	15°28	15°51	7°52	9°16	6° 1	n.a.	T 4
W 5	18 5 37	0♋ 0'56	14°57	0°25	15°47	23°55	10° 1	20°23	19°59	15°29	15°52	7°53	9°13	6° 7	n.a.	W 5
T 6	18 9 34	0°58'33	27°45	29♊36	16°52	24°26	9°54	20°28	20° 3	15°31	15°53	7°R54	9°10	6°14	n.a.	T 6
F 7	18 13 31	1°56'12	10♎13	28°49	17°57	24°58	9°47	20°34	20° 7	15°33	15°54	7°54	9° 7	6°21	n.a.	F 7
S 8	18 17 27	2°53'52	22°26	28° 5	19° 2	25°28	9°41	20°39	20°10	15°34	15°55	7°52	9° 4	6°27	n.a.	S 8
S 9	18 21 24	3°51'32	4♏28	27°24	20° 7	25°59	9°34	20°45	20°14	15°36	15°56	7°49	9° 0	6°34	n.a.	S 9
M10	18 25 20	4°49'15	16°24	26°47	21°12	26°29	9°28	20°51	20°18	15°37	15°57	7°44	8°57	6°41	n.a.	M10
T 11	18 29 17	5°46'58	28°16	26°15	22°18	26°59	9°22	20°57	20°21	15°39	15°58	7°39	8°54	6°48	n.a.	T 11
W12	18 33 13	6°44'43	10♐ 8	25°49	23°24	27°29	9°16	21° 2	20°25	15°41	15°59	7°33	8°51	6°54	n.a.	W12
T 13	18 37 10	7°42'30	22° 2	25°30	24°30	27°58	9°10	21° 8	20°29	15°42	16° 1	7°28	8°48	7° 1	n.a.	T 13
F 14	18 41 6	8°40'18	4♑ 0	25°17	25°36	28°27	9° 4	21°14	20°32	15°44	16° 2	7°24	8°45	7° 8	n.a.	F 14
S 15	18 45 3	9°38'08	16° 3	25°D12	26°43	28°55	8°58	21°20	20°36	15°45	16° 3	7°21	8°41	7°14	n.a.	S 15
S 16	18 49 0	10°35'59	28°15	25°14	27°49	29°24	8°53	21°26	20°40	15°47	16° 4	7°19	8°38	7°21	n.a.	S 16
M17	18 52 56	11°33'52	10♒35	25°24	28°56	29°51	8°47	21°32	20°44	15°48	16° 6	7°D19	8°35	7°28	n.a.	M17
T 18	18 56 53	12°31'47	23° 6	25°42	0♊ 3	0♈19	8°42	21°38	20°47	15°49	16° 7	7°19	8°32	7°35	n.a.	T 18
W19	19 0 49	13°29'44	5♓51	26° 8	1°10	0°46	8°37	21°44	20°51	15°51	16° 8	7°21	8°29	7°41	n.a.	W19
T 20	19 4 46	14°27'43	18°51	26°42	2°18	1°12	8°32	21°51	20°55	15°52	16°10	7°22	8°26	7°48	n.a.	T 20
F 21	19 8 42	15°25'43	2♈ 8	27°24	3°25	1°39	8°27	21°57	20°59	15°54	16°11	7°24	8°22	7°55	n.a.	F 21
S 22	19 12 39	16°23'46	15°45	28°13	4°33	2° 4	8°22	22° 3	21° 2	15°55	16°13	7°R24	8°19	8° 1	n.a.	S 22
S 23	19 16 35	17°21'51	29°42	29° 9	5°41	2°30	8°18	22°10	21° 6	15°56	16°14	7°24	8°16	8° 8	n.a.	S 23
M24	19 20 32	18°19'59	13♉58	0♋13	6°49	2°55	8°14	22°16	21°10	15°57	16°16	7°22	8°13	8°15	n.a.	M24
T 25	19 24 29	19°18'08	28°33	1°23	7°57	3°19	8° 9	22°22	21°14	15°59	16°17	7°21	8°10	8°21	n.a.	T 25
W26	19 28 25	20°16'20	13♊20	2°39	9° 5	3°43	8° 5	22°29	21°18	16° 0	16°19	7°18	8° 6	8°28	n.a.	W26
T 27	19 32 22	21°14'33	28°13	4° 1	10°14	4° 7	8° 2	22°35	21°21	16° 1	16°20	7°16	8° 3	8°35	n.a.	T 27
F 28	19 36 18	22°12'49	13♋ 5	5°28	11°22	4°30	7°58	22°42	21°25	16° 2	16°22	7°15	8° 0	8°42	n.a.	F 28
S 29	19 40 15	23°11'07	27°47	7° 0	12°31	4°52	7°55	22°49	21°29	16° 3	16°23	7°14	7°57	8°48	n.a.	S 29
S 30	19 44 11	24° 9'26	12♌13	8°36	13°40	5°14	7°51	22°55	21°33	16° 4	16°25	7°D14	7°54	8°55	n.a.	S 30
M31	19 48 8	25♋ 7'48	26♌17	10♋16	14♊49	5♈35	7♐48	23♌ 2	21♋36	16♉ 5	16♍27	7♒14	7♒51	9♐ 2	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	24n 0	1n37	19n18	4s30	12n51	2s50	5s59	2s54	22s34	0s11	17n 3	2n 7	22n57	0n36	15n12	1s36	21n 9	16n54	18s37	18s12	26s 9		n.a.
S 2	23 49	19 53	0 20	19 15	4 34	13 12	2 48	5 46	2 55	22 33	0 11	17 1	2 7	22 57	0 36	15 12	1 36	21 8	16 53	18 37	18 12	26 10		n.a.
M 3	23 50	14 46	0s56	19 13	4 36	13 33	2 46	5 34	2 56	22 33	0 11	17 0	2 7	22 56	0 36	15 13	1 36	21 7	16 53	18 37	18 13	26 11		n.a.
T 4	23 50	9 3	2 6	19 14	4 37	13 55	2 44	5 22	2 57	22 32	0 11	16 58	2 7	22 56	0 36	15 13	1 36	21 6	16 52	18 37	18 14	26 12		n.a.
W 5	23 51	3 8	3 8	19 15	4 35	14 16	2 42	5 10	2 57	22 31	0 11	16 56	2 6	22 55	0 36	15 14	1 36	21 5	16 52	18 36	18 15	26 13		n.a.
T 6	23 50	2s43	3 58	19 18	4 32	14 36	2 40	4 58	2 58	22 30	0 12	16 54	2 6	22 55	0 36	15 14	1 36	21 4	16 51	18 36	18 16	26 13		n.a.
F 7	23 50	8 20	4 36	19 23	4 27	14 57	2 37	4 46	2 59	22 29	0 12	16 52	2 6	22 54	0 36	15 15	1 36	21 3	16 51	18 36	18 17	26 14		n.a.
S 8	23 49	13 30	5 0	19 29	4 20	15 17	2 35	4 34	3 0	22 28	0 12	16 50	2 6	22 54	0 36	15 15	1 36	21 2	16 50	18 37	18 18	26 15		n.a.
S 9	23 47	18 5	5 11	19 37	4 12	15 38	2 32	4 22	3 0	22 27	0 12	16 48	2 6	22 53	0 36	15 16	1 36	21 2	16 50	18 37	18 18	26 16		n.a.
M10	23 45	21 55	5 8	19 47	4 2	15 57	2 30	4 11	3 1	22 27	0 12	16 46	2 6	22 52	0 36	15 16	1 36	21 1	16 49	18 39	18 19	26 17		n.a.
T 11	23 43	24 50	4 52	19 57	3 50	16 17	2 27	3 59	3 2	22 26	0 12	16 44	2 6	22 52	0 36	15 16	1 36	21 0	16 48	18 40	18 20	26 17		n.a.
W12	23 40	26 41	4 23	20 9	3 37	16 37	2 24	3 48	3 3	22 25	0 12	16 42	2 6	22 51	0 36	15 17	1 36	20 59	16 48	18 41	18 21	26 18		n.a.
T 13	23 37	27 18	3 43	20 23	3 23	16 56	2 21	3 37	3 3	22 24	0 13	16 40	2 6	22 51	0 36	15 17	1 36	20 58	16 47	18 43	18 22	26 19		n.a.
F 14	23 33	26 39	2 52	20 37	3 8	17 14	2 19	3 26	3 4	22 23	0 13	16 38	2 6	22 50	0 36	15 18	1 36	20 57	16 47	18 44	18 23	26 20		n.a.
S 15	23 29	24 45	1 54	20 53	2 53	17 33	2 16	3 15	3 5	22 23	0 13	16 36	2 5	22 50	0 36	15 18	1 36	20 56	16 46	18 45	18 23	26 20		n.a.
S 16	23 25	21 40	0 50	21 9	2 36	17 51	2 13	3 4	3 5	22 22	0 13	16 34	2 5	22 49	0 36	15 18	1 36	20 55	16 46	18 45	18 24	26 21		n.a.
M17	23 20	17 35	0n18	21 26	2 20	18 9	2 10	2 53	3 6	22 21	0 13	16 32	2 5	22 48	0 36	15 19	1 36	20 54	16 45	18 45	18 25	26 22		n.a.
T 18	23 14	12 42	1 26	21 44	2 3	18 27	2 7	2 43	3 7	22 20	0 13	16 30	2 5	22 48	0 36	15 19	1 36	20 53	16 45	18 45	18 26	26 23		n.a.
W19	23 9	7 11	2 31	22 1	1 46	18 44	2 3	2 33	3 7	22 20	0 13	16 28	2 5	22 47	0 36	15 20	1 36	20 52	16 44	18 45	18 27	26 23		n.a.
T 20	23 3	1 17	3 29	22 19	1 29	19 0	2 0	2 22	3 8	22 19	0 13	16 26	2 5	22 47	0 36	15 20	1 36	20 51	16 44	18 44	18 28	26 24		n.a.
F 21	22 56	4n47	4 18	22 37	1 12	19 17	1 57	2 12	3 8	22 18	0 14	16 24	2 5	22 46	0 36	15 20	1 36	20 50	16 43	18 44	18 29	26 25		n.a.
S 22	22 49	10 47	4 53	22 54	0 56	19 33	1 54	2 3	3 9	22 18	0 14	16 21	2 5	22 45	0 36	15 21	1 36	20 49	16 43	18 44	18 29	26 25		n.a.
S 23	22 42	16 24	5 12	23 11	0 40	19 48	1 50	1 53	3 10	22 17	0 14	16 19	2 5	22 45	0 36	15 21	1 36	20 48	16 42	18 44	18 30	26 26		n.a.
M24	22 34	21 16	5 13	23 26	0 24	20 3	1 47	1 43	3 10	22 17	0 14	16 17	2 5	22 44	0 36	15 21	1 36	20 47	16 42	18 44	18 31	26 27		n.a.
T 25	22 26	24 57	4 54	23 41	0 9	20 18	1 44	1 34	3 11	22 16	0 14	16 15	2 5	22 44	0 36	15 22	1 36	20 46	16 41	18 45	18 32	26 28		n.a.
W26	22 17	27 0	4 15	23 54	0n 5	20 32	1 40	1 25	3 11	22 16	0 14	16 13	2 5	22 43	0 36	15 22	1 36	20 45	16 41	18 45	18 33	26 28		n.a.
T 27	22 8	27 9	3 19	24 5	0 18	20 46	1 37	1 16	3 12	22 15	0 14	16 10	2 5	22 43	0 36	15 22	1 36	20 43	16 40	18 46	18 34	26 29		n.a.
F 28	21 59	25 20	2 10	24 14	0 30	20 59	1 33	1 7	3 12	22 15	0 14	16 8	2 5	22 42	0 36	15 23	1 37	20 42	16 40	18 46	18 34	26 30		n.a.
S 29	21 49	21 48	0 52	24 21	0 42	21 12	1 30	0 58	3 13	22 14	0 15	16 6	2 4	22 41	0 36	15 23	1 37	20 41	16 39	18 46	18 35	26 30		n.a.
S 30	21 39	16 59	0s28	24 26	0 53	21 24	1 26	0 50	3 13	22 14	0 15	16 4	2 4	22 41	0 36	15 23	1 37	20 40	16 39	18 46	18 36	26 31		n.a.
M31	21n28	11n21	1s44	24n28	1n 2	21n35	1s23	0s42	3s14	22s13	0s15	16n 1	2n 4	22n40	0n36	15n23	1s37	20n39	16n38	18s46	18s37	26s31		n.a.

Julian Day Number = 1271981.5, Delta T = 08h16m17s
Ecliptic obliquity = 23°50'32, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'32, Lahiri = -20°56'31 Julian Calendar 1 July 1231 BCE == Greg. Calendar 20 June 1231 BCE

The year -1230 astronomical counting style corresponds to year 1231 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1231 BCE
geocentric

AUGUST 1231 BCE (-1230) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 52 4	26♋ 6'11	9♍57	11♋59	15♊58	5♈56	7°R45	23♌ 9	21♋40	16♉ 6	16♍29	7♒15	7♒47	9♐ 8	n.a.	T 1
W 2	19 56 1	27° 4'35	23°13	13°45	17° 7	6°17	7♐42	23°15	21°44	16° 7	16°30	7°16	7°44	9°15	n.a.	W 2
T 3	19 59 58	28° 3'02	6♎ 5	15°33	18°17	6°37	7°40	23°22	21°48	16° 8	16°32	7°17	7°41	9°22	n.a.	T 3
F 4	20 3 54	29° 1'30	18°36	17°23	19°27	6°56	7°38	23°29	21°51	16° 9	16°34	7°17	7°38	9°29	n.a.	F 4
S 5	20 7 51	0♌ 0'01	0♏51	19°14	20°36	7°15	7°35	23°36	21°55	16°10	16°36	7°R18	7°35	9°35	n.a.	S 5
S 6	20 11 47	0°58'33	12°54	21° 6	21°46	7°33	7°33	23°42	21°59	16°11	16°38	7°17	7°32	9°42	n.a.	S 6
M 7	20 15 44	1°57'06	24°49	22°59	22°56	7°50	7°32	23°49	22° 3	16°12	16°39	7°17	7°28	9°49	n.a.	M 7
T 8	20 19 40	2°55'42	6♐41	24°52	24° 6	8° 7	7°30	23°56	22° 6	16°13	16°41	7°16	7°25	9°55	n.a.	T 8
W 9	20 23 37	3°54'20	18°33	26°46	25°16	8°23	7°29	24° 3	22°10	16°13	16°43	7°16	7°22	10° 2	n.a.	W 9
T 10	20 27 33	4°52'59	0♑30	28°39	26°27	8°39	7°27	24°10	22°14	16°14	16°45	7°16	7°19	10° 9	n.a.	T 10
F 11	20 31 30	5°51'41	12°34	0♌32	27°37	8°54	7°26	24°17	22°18	16°15	16°47	7°15	7°16	10°15	n.a.	F 11
S 12	20 35 26	6°50'24	24°48	2°25	28°48	9° 8	7°26	24°24	22°21	16°15	16°49	7°D15	7°12	10°22	n.a.	S 12
S 13	20 39 23	7°49'10	7♒13	4°17	29°58	9°22	7°25	24°31	22°25	16°16	16°51	7°R15	7° 9	10°29	n.a.	S 13
M14	20 43 20	8°47'57	19°51	6° 8	1♋ 9	9°35	7°25	24°38	22°29	16°17	16°53	7°15	7° 6	10°36	n.a.	M14
T 15	20 47 16	9°46'47	2♓43	7°59	2°20	9°47	7°24	24°45	22°32	16°17	16°55	7°15	7° 3	10°42	n.a.	T 15
W16	20 51 13	10°45'39	15°47	9°49	3°31	9°59	7°D24	24°52	22°36	16°18	16°57	7°15	7° 0	10°49	n.a.	W16
T 17	20 55 9	11°44'33	29° 6	11°38	4°42	10°10	7°25	24°59	22°40	16°18	16°59	7°14	6°57	10°56	n.a.	T 17
F 18	20 59 6	12°43'30	12♈38	13°27	5°54	10°20	7°25	25° 7	22°43	16°19	17° 1	7°14	6°53	11° 2	n.a.	F 18
S 19	21 3 2	13°42'29	26°22	15°14	7° 5	10°29	7°25	25°14	22°47	16°19	17° 3	7°13	6°50	11° 9	n.a.	S 19
S 20	21 6 59	14°41'31	10♉19	17° 1	8°17	10°38	7°26	25°21	22°50	16°20	17° 5	7°D13	6°47	11°16	n.a.	S 20
M21	21 10 55	15°40'35	24°27	18°47	9°28	10°46	7°27	25°28	22°54	16°20	17° 8	7°13	6°44	11°22	n.a.	M21
T 22	21 14 52	16°39'41	8♊44	20°31	10°40	10°53	7°28	25°35	22°58	16°20	17°10	7°14	6°41	11°29	n.a.	T 22
W23	21 18 48	17°38'51	23° 8	22°15	11°52	10°59	7°30	25°42	23° 1	16°21	17°12	7°14	6°38	11°36	n.a.	W23
T 24	21 22 45	18°38'02	7♋35	23°58	13° 4	11° 4	7°31	25°50	23° 5	16°21	17°14	7°15	6°34	11°43	n.a.	T 24
F 25	21 26 42	19°37'16	22° 0	25°41	14°16	11° 9	7°33	25°57	23° 8	16°21	17°16	7°16	6°31	11°49	n.a.	F 25
S 26	21 30 38	20°36'33	6♌19	27°22	15°28	11°13	7°35	26° 4	23°12	16°21	17°19	7°R16	6°28	11°56	n.a.	S 26
S 27	21 34 35	21°35'51	20°27	29° 2	16°40	11°16	7°37	26°11	23°15	16°22	17°21	7°16	6°25	12° 3	n.a.	S 27
M28	21 38 31	22°35'12	4♍20	0♍42	17°52	11°18	7°39	26°18	23°18	16°22	17°23	7°15	6°22	12° 9	n.a.	M28
T 29	21 42 28	23°34'35	17°54	2°21	19° 4	11°19	7°42	26°26	23°22	16°22	17°25	7°13	6°18	12°16	n.a.	T 29
W30	21 46 24	24°34'00	1♎ 8	3°59	20°17	11°R19	7°44	26°33	23°25	16°22	17°28	7°11	6°15	12°23	n.a.	W30
T 31	21 50 21	25♌33'27	14♎ 0	5♍36	21♋29	11♈18	7♐47	26♌40	23♋29	16°R22	17♍30	7♒ 8	6♒12	12♐29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n17	5n19	2s51	24n28	1n11	21n47	1s19	0s34	3s14	22s13	0s15	15n59	2n 4	22n40	0n36	15n24	1s37	20n38	16n38	18s46	18s38	26s32		n.a.
W 2	21 6	0s45	3 48	24 25	1 19	21 57	1 16	0 26	3 14	22 13	0 15	15 57	2 4	22 39	0 36	15 24	1 37	20 37	16 38	18 46	18 39	26 33		n.a.
T 3	20 54	6 35	4 31	24 20	1 26	22 7	1 12	0 18	3 15	22 12	0 15	15 54	2 4	22 38	0 36	15 24	1 37	20 36	16 37	18 46	18 39	26 33		n.a.
F 4	20 42	12 1	5 0	24 12	1 31	22 17	1 8	0 11	3 15	22 12	0 15	15 52	2 4	22 38	0 36	15 24	1 37	20 35	16 37	18 46	18 40	26 34		n.a.
S 5	20 29	16 52	5 15	24 2	1 36	22 25	1 5	0 4	3 16	22 12	0 15	15 50	2 4	22 37	0 36	15 25	1 37	20 34	16 36	18 45	18 41	26 35		n.a.
S 6	20 17	20 58	5 15	23 49	1 41	22 34	1 1	0n 3	3 16	22 12	0 16	15 47	2 4	22 37	0 36	15 25	1 37	20 32	16 36	18 46	18 42	26 35		n.a.
M 7	20 3	24 10	5 2	23 33	1 44	22 41	0 58	0 10	3 16	22 11	0 16	15 45	2 4	22 36	0 36	15 25	1 37	20 31	16 35	18 46	18 43	26 36		n.a.
T 8	19 50	26 19	4 36	23 15	1 46	22 49	0 54	0 16	3 17	22 11	0 16	15 43	2 4	22 35	0 36	15 25	1 37	20 30	16 35	18 46	18 44	26 36		n.a.
W 9	19 36	27 18	3 58	22 55	1 48	22 55	0 50	0 22	3 17	22 11	0 16	15 40	2 4	22 35	0 36	15 25	1 37	20 29	16 35	18 46	18 44	26 37		n.a.
T 10	19 22	27 1	3 10	22 33	1 49	23 1	0 47	0 29	3 17	22 11	0 16	15 38	2 4	22 34	0 36	15 25	1 37	20 28	16 34	18 46	18 45	26 37		n.a.
F 11	19 7	25 26	2 13	22 9	1 49	23 6	0 43	0 34	3 17	22 11	0 16	15 36	2 4	22 33	0 36	15 26	1 37	20 27	16 34	18 46	18 46	26 38		n.a.
S 12	18 52	22 39	1 9	21 43	1 49	23 11	0 40	0 40	3 17	22 11	0 16	15 33	2 4	22 33	0 36	15 26	1 37	20 26	16 34	18 46	18 47	26 38		n.a.
S 13	18 37	18 47	0 0	21 16	1 48	23 15	0 36	0 45	3 18	22 11	0 16	15 31	2 4	22 32	0 36	15 26	1 37	20 25	16 33	18 46	18 48	26 39		n.a.
M14	18 22	14 1	1n 9	20 47	1 47	23 18	0 32	0 50	3 18	22 11	0 16	15 28	2 4	22 32	0 36	15 26	1 37	20 23	16 33	18 46	18 48	26 40		n.a.
T 15	18 6	8 34	2 17	20 16	1 45	23 20	0 29	0 55	3 18	22 11	0 16	15 26	2 4	22 31	0 36	15 26	1 37	20 22	16 32	18 46	18 49	26 40		n.a.
W16	17 50	2 40	3 18	19 44	1 43	23 22	0 25	1 0	3 18	22 11	0 17	15 23	2 4	22 31	0 36	15 26	1 37	20 21	16 32	18 46	18 50	26 41		n.a.
T 17	17 33	3n26	4 9	19 11	1 40	23 24	0 22	1 4	3 18	22 11	0 17	15 21	2 4	22 30	0 36	15 26	1 37	20 20	16 32	18 46	18 51	26 41		n.a.
F 18	17 16	9 29	4 48	18 36	1 36	23 24	0 18	1 8	3 18	22 11	0 17	15 19	2 4	22 29	0 36	15 26	1 37	20 19	16 31	18 46	18 52	26 42		n.a.
S 19	16 59	15 10	5 11	18 1	1 33	23 24	0 15	1 12	3 18	22 12	0 17	15 16	2 4	22 29	0 36	15 27	1 38	20 18	16 31	18 47	18 53	26 42		n.a.
S 20	16 42	20 9	5 16	17 24	1 29	23 23	0 11	1 15	3 18	22 12	0 17	15 14	2 4	22 28	0 36	15 27	1 38	20 17	16 31	18 47	18 53	26 43		n.a.
M21	16 24	24 5	5 3	16 47	1 24	23 22	0 8	1 18	3 18	22 12	0 17	15 11	2 4	22 28	0 36	15 27	1 38	20 16	16 31	18 47	18 54	26 43		n.a.
T 22	16 6	26 35	4 30	16 9	1 20	23 20	0 5	1 21	3 18	22 12	0 17	15 9	2 4	22 27	0 36	15 27	1 38	20 14	16 30	18 47	18 55	26 43		n.a.
W23	15 48	27 20	3 41	15 30	1 15	23 17	0 1	1 24	3 17	22 13	0 17	15 6	2 4	22 26	0 36	15 27	1 38	20 13	16 30	18 46	18 56	26 44		n.a.
T 24	15 30	26 14	2 37	14 51	1 10	23 13	0n 2	1 26	3 17	22 13	0 17	15 4	2 4	22 26	0 36	15 27	1 38	20 12	16 30	18 46	18 57	26 44		n.a.
F 25	15 11	23 23	1 24	14 11	1 4	23 9	0 5	1 28	3 17	22 13	0 17	15 1	2 4	22 25	0 36	15 27	1 38	20 11	16 29	18 46	18 57	26 45		n.a.
S 26	14 52	19 5	0 5	13 30	0 59	23 4	0 9	1 30	3 17	22 14	0 17	14 59	2 4	22 25	0 36	15 27	1 38	20 10	16 29	18 46	18 58	26 45		n.a.
S 27	14 33	13 46	1s12	12 49	0 53	22 59	0 12	1 31	3 16	22 14	0 18	14 56	2 4	22 24	0 37	15 27	1 38	20 9	16 29	18 46	18 59	26 46		n.a.
M28	14 13	7 51	2 24	12 8	0 47	22 52	0 15	1 33	3 16	22 15	0 18	14 54	2 4	22 23	0 37	15 27	1 38	20 8	16 29	18 46	19 0	26 46		n.a.
T 29	13 53	1 42	3 26	11 26	0 41	22 46	0 18	1 33	3 15	22 15	0 18	14 51	2 4	22 23	0 37	15 27	1 38	20 6	16 28	18 47	19 1	26 46		n.a.
W30	13 33	4s21	4 15	10 45	0 34	22 38	0 21	1 34	3 15	22 16	0 18	14 49	2 4	22 22	0 37	15 27	1 38	20 5	16 28	18 47	19 1	26 47		n.a.
T 31	13n13	10s 3	4s50	10n 2	0n28	22n30	0n24	1n34	3s14	22s16	0s18	14n46	2n 4	22n22	0n37	15n27	1s38	20n 4	16n28	18s48	19s 2	26s47		n.a.

Julian Day Number = 1272012.5, Delta T = 08h16m15s
Ecliptic obliquity = 23°50'32, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'27, Lahiri = -20°56'27 Julian Calendar 1 Aug. 1231 BCE == Greg. Calendar 21 July 1231 BCE

The year -1230 astronomical counting style corresponds to year 1231 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1231 BCE
geocentric

SEPTEMBER 1231 BCE (-1230) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 54 17	26♌32'55	26♎34	7♍13	22♋42	11°R17	7♐50	26♌47	23♋32	16°R22	17♍32	7°R 5	6♒ 9	12♐36	n.a.	F 1
S 2	21 58 14	27°32'26	8♏50	8°49	23°55	11♈14	7°54	26°55	23°35	16♉22	17°35	7♒ 3	6° 6	12°43	n.a.	S 2
S 3	22 2 11	28°31'59	20°54	10°24	25° 8	11°11	7°57	27° 2	23°39	16°22	17°37	7° 2	6° 3	12°49	n.a.	S 3
M 4	22 6 7	29°31'34	2♐49	11°58	26°21	11° 7	8° 1	27° 9	23°42	16°22	17°39	7°D 2	5°59	12°56	n.a.	M 4
T 5	22 10 4	0♍31'10	14°41	13°31	27°33	11° 2	8° 4	27°16	23°45	16°22	17°42	7° 3	5°56	13° 3	n.a.	T 5
W 6	22 14 0	1°30'49	26°33	15° 4	28°46	10°56	8° 8	27°24	23°48	16°21	17°44	7° 4	5°53	13°10	n.a.	W 6
T 7	22 17 57	2°30'30	8♑32	16°37	29°59	10°49	8°13	27°31	23°51	16°21	17°46	7° 6	5°50	13°16	n.a.	T 7
F 8	22 21 53	3°30'12	20°40	18° 8	1♌13	10°41	8°17	27°38	23°54	16°21	17°49	7° 8	5°47	13°23	n.a.	F 8
S 9	22 25 50	4°29'56	3♒ 2	19°39	2°26	10°33	8°21	27°45	23°58	16°21	17°51	7°R 9	5°44	13°30	n.a.	S 9
S 10	22 29 46	5°29'43	15°40	21° 9	3°39	10°23	8°26	27°52	24° 1	16°20	17°53	7° 8	5°40	13°36	n.a.	S 10
M11	22 33 43	6°29'31	28°36	22°39	4°53	10°13	8°31	28° 0	24° 4	16°20	17°56	7° 7	5°37	13°43	n.a.	M11
T 12	22 37 39	7°29'21	11♓50	24° 8	6° 6	10° 2	8°36	28° 7	24° 7	16°20	17°58	7° 3	5°34	13°50	n.a.	T 12
W13	22 41 36	8°29'14	25°21	25°36	7°20	9°50	8°41	28°14	24°10	16°19	18° 1	6°59	5°31	13°56	n.a.	W13
T 14	22 45 33	9°29'08	9♈ 7	27° 3	8°33	9°37	8°47	28°21	24°13	16°19	18° 3	6°54	5°28	14° 3	n.a.	T 14
F 15	22 49 29	10°29'05	23° 3	28°30	9°47	9°24	8°52	28°28	24°16	16°18	18° 5	6°49	5°24	14°10	n.a.	F 15
S 16	22 53 26	11°29'04	7♉ 8	29°56	11° 1	9° 9	8°58	28°35	24°18	16°18	18° 8	6°44	5°21	14°17	n.a.	S 16
S 17	22 57 22	12°29'06	21°17	1♎21	12°15	8°54	9° 4	28°42	24°21	16°17	18°10	6°41	5°18	14°23	n.a.	S 17
M18	23 1 19	13°29'09	5♊27	2°46	13°29	8°38	9°10	28°50	24°24	16°17	18°13	6°39	5°15	14°30	n.a.	M18
T 19	23 5 15	14°29'16	19°37	4° 9	14°43	8°22	9°16	28°57	24°27	16°16	18°15	6°D39	5°12	14°37	n.a.	T 19
W20	23 9 12	15°29'24	3♋44	5°32	15°57	8° 4	9°23	29° 4	24°30	16°16	18°18	6°40	5° 9	14°43	n.a.	W20
T 21	23 13 8	16°29'35	17°48	6°54	17°11	7°47	9°29	29°11	24°32	16°15	18°20	6°41	5° 5	14°50	n.a.	T 21
F 22	23 17 5	17°29'48	1♌46	8°15	18°25	7°28	9°36	29°18	24°35	16°14	18°22	6°R42	5° 2	14°57	n.a.	F 22
S 23	23 21 2	18°30'03	15°37	9°35	19°39	7° 9	9°43	29°25	24°37	16°14	18°25	6°42	4°59	15° 3	n.a.	S 23
S 24	23 24 58	19°30'21	29°19	10°54	20°53	6°49	9°50	29°32	24°40	16°13	18°27	6°40	4°56	15°10	n.a.	S 24
M25	23 28 55	20°30'40	12♍50	12°11	22° 8	6°29	9°57	29°39	24°43	16°12	18°30	6°35	4°53	15°17	n.a.	M25
T 26	23 32 51	21°31'01	26° 8	13°27	23°22	6° 8	10° 4	29°46	24°45	16°11	18°32	6°29	4°49	15°23	n.a.	T 26
W27	23 36 48	22°31'24	9♎10	14°42	24°36	5°47	10°12	29°52	24°47	16°10	18°35	6°21	4°46	15°30	n.a.	W27
T 28	23 40 44	23°31'49	21°56	15°55	25°51	5°26	10°19	29°59	24°50	16° 9	18°37	6°12	4°43	15°37	n.a.	T 28
F 29	23 44 41	24°32'15	4♏26	17° 6	27° 5	5° 4	10°27	0♍ 6	24°52	16° 9	18°40	6° 3	4°40	15°44	n.a.	F 29
S 30	23 48 37	25♍32'44	16♏42	18♎15	28♌20	4♈42	10♐35	0♍13	24♋55	16♉ 8	18♍42	5♒55	4♒37	15♐50	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
F 1	12n52	15s12	5s10	9n20	0n21	22n21	0n27	1n34	3s14	22s17	0s18	14n44	2n 4	22n21	0n37	15n27	1s38	20n 3	16n28	18s49	19s 3	26s48			n.a.
S 2	12 32	19 38	5 15	8 38	0 15	22 11	0 30	1 34	3 13	22 17	0 18	14 41	2 4	22 21	0 37	15 27	1 38	20 2	16 28	18 49	19 4	26 48			n.a.
S 3	12 11	23 11	5 6	7 55	0 8	22 1	0 33	1 33	3 12	22 18	0 18	14 39	2 4	22 20	0 37	15 27	1 38	20 1	16 27	18 49	19 5	26 48			n.a.
M 4	11 50	25 42	4 44	7 12	0 1	21 50	0 36	1 32	3 12	22 19	0 18	14 36	2 4	22 20	0 37	15 27	1 38	20 0	16 27	18 50	19 5	26 49			n.a.
T 5	11 28	27 5	4 10	6 30	0s 6	21 38	0 39	1 31	3 11	22 19	0 18	14 34	2 4	22 19	0 37	15 26	1 38	19 59	16 27	18 49	19 6	26 49			n.a.
W 6	11 7	27 13	3 25	5 47	0 13	21 26	0 42	1 30	3 10	22 20	0 18	14 31	2 4	22 19	0 37	15 26	1 38	19 58	16 27	18 49	19 7	26 50			n.a.
T 7	10 45	26 4	2 31	5 4	0 19	21 13	0 44	1 28	3 9	22 21	0 18	14 29	2 5	22 18	0 37	15 26	1 38	19 56	16 27	18 48	19 8	26 50			n.a.
F 8	10 23	23 42	1 29	4 22	0 26	20 59	0 47	1 26	3 8	22 22	0 19	14 26	2 5	22 17	0 37	15 26	1 38	19 55	16 26	18 48	19 9	26 50			n.a.
S 9	10 1	20 10	0 23	3 39	0 33	20 45	0 50	1 23	3 7	22 22	0 19	14 24	2 5	22 17	0 37	15 26	1 39	19 54	16 26	18 48	19 9	26 51			n.a.
S 10	9 39	15 40	0n47	2 57	0 40	20 30	0 52	1 21	3 5	22 23	0 19	14 22	2 5	22 16	0 37	15 26	1 39	19 53	16 26	18 48	19 10	26 51			n.a.
M11	9 17	10 22	1 55	2 15	0 47	20 15	0 54	1 18	3 4	22 24	0 19	14 19	2 5	22 16	0 37	15 26	1 39	19 52	16 26	18 48	19 11	26 51			n.a.
T 12	8 54	4 30	2 58	1 33	0 54	19 59	0 57	1 15	3 3	22 25	0 19	14 17	2 5	22 15	0 37	15 26	1 39	19 51	16 26	18 49	19 12	26 51			n.a.
W13	8 31	1n41	3 53	0 51	1 1	19 42	0 59	1 11	3 1	22 26	0 19	14 14	2 5	22 15	0 37	15 25	1 39	19 50	16 26	18 50	19 13	26 52			n.a.
T 14	8 9	7 53	4 36	0 9	1 8	19 25	1 1	1 8	3 0	22 27	0 19	14 12	2 5	22 14	0 37	15 25	1 39	19 49	16 26	18 52	19 13	26 52			n.a.
F 15	7 46	13 46	5 2	0s32	1 15	19 7	1 4	1 4	2 58	22 28	0 19	14 9	2 5	22 14	0 37	15 25	1 39	19 48	16 26	18 53	19 14	26 52			n.a.
S 16	7 23	19 0	5 11	1 13	1 21	18 49	1 6	0 59	2 57	22 29	0 19	14 7	2 5	22 13	0 37	15 25	1 39	19 47	16 26	18 54	19 15	26 53			n.a.
S 17	6 59	23 13	5 1	1 53	1 28	18 30	1 8	0 55	2 55	22 30	0 19	14 4	2 5	22 13	0 37	15 25	1 39	19 46	16 25	18 55	19 16	26 53			n.a.
M18	6 36	26 3	4 33	2 33	1 34	18 10	1 10	0 50	2 53	22 31	0 19	14 2	2 5	22 12	0 37	15 25	1 39	19 45	16 25	18 55	19 17	26 53			n.a.
T 19	6 12	27 13	3 48	3 13	1 41	17 50	1 12	0 45	2 51	22 32	0 19	13 59	2 5	22 12	0 37	15 24	1 39	19 44	16 25	18 55	19 17	26 53			n.a.
W20	5 49	26 37	2 49	3 52	1 47	17 30	1 14	0 40	2 49	22 33	0 19	13 57	2 6	22 12	0 37	15 24	1 39	19 43	16 25	18 55	19 18	26 54			n.a.
T 21	5 25	24 18	1 41	4 30	1 53	17 9	1 15	0 35	2 47	22 34	0 19	13 55	2 6	22 11	0 37	15 24	1 39	19 42	16 25	18 55	19 19	26 54			n.a.
F 22	5 1	20 32	0 27	5 8	1 59	16 47	1 17	0 30	2 45	22 35	0 20	13 52	2 6	22 11	0 37	15 24	1 39	19 41	16 25	18 55	19 20	26 54			n.a.
S 23	4 37	15 40	0s48	5 45	2 4	16 25	1 19	0 24	2 43	22 36	0 20	13 50	2 6	22 10	0 37	15 23	1 39	19 40	16 25	18 55	19 20	26 54			n.a.
S 24	4 13	10 3	1 59	6 22	2 10	16 2	1 20	0 18	2 40	22 37	0 20	13 47	2 6	22 10	0 37	15 23	1 39	19 39	16 25	18 55	19 21	26 54			n.a.
M25	3 49	4 3	3 3	6 58	2 15	15 39	1 22	0 12	2 38	22 39	0 20	13 45	2 6	22 9	0 37	15 23	1 39	19 38	16 25	18 56	19 22	26 55			n.a.
T 26	3 25	2s 1	3 55	7 32	2 20	15 16	1 23	0 6	2 36	22 40	0 20	13 43	2 6	22 9	0 37	15 23	1 39	19 37	16 25	18 58	19 23	26 55			n.a.
W27	3 1	7 52	4 34	8 6	2 24	14 52	1 25	0 0	2 33	22 41	0 20	13 40	2 6	22 9	0 37	15 22	1 39	19 36	16 25	19 0	19 24	26 55			n.a.
T 28	2 37	13 16	4 58	8 39	2 29	14 28	1 26	0s 6	2 30	22 42	0 20	13 38	2 6	22 8	0 37	15 22	1 39	19 35	16 25	19 2	19 24	26 55			n.a.
F 29	2 12	18 1	5 7	9 10	2 33	14 3	1 27	0 13	2 28	22 43	0 20	13 36	2 6	22 8	0 37	15 22	1 39	19 34	16 25	19 4	19 25	26 55			n.a.
S 30	1n48	21s55	5s 2	9s40	2s36	13n38	1n28	0s19	2s25	22s45	0s20	13n33	2n 7	22n 7	0n38	15n21	1s39	19n33	16n25	19s 6	19s26	26s56			n.a.

Julian Day Number = 1272043.5, Delta T = 08h16m13s
Ecliptic obliquity = 23°50'32, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'23, Lahiri = -20°56'23 Julian Calendar 1 Sept. 1231 BCE == Greg. Calendar 21 Aug. 1231 BCE

The year -1230 astronomical counting style corresponds to year 1231 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1231 BCE
geocentric

OCTOBER 1231 BCE (-1230) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 52 34	26♍33'13	28♏44	19♎21	29♌35	4°R20	10♐43	0♍20	24♋57	16°R 7	18♍44	5°R49	4♒34	15♐57	n.a.	S 1
M 2	23 56 30	27°33'45	10♐39	20°25	0♍49	3♈57	10°51	0°26	24°59	16♉ 6	18°47	5♒45	4°30	16° 4	n.a.	M 2
T 3	0 0 27	28°34'18	22°29	21°26	2° 4	3°35	11° 0	0°33	25° 1	16° 5	18°49	5°44	4°27	16°10	n.a.	T 3
W 4	0 4 24	29°34'52	4♑20	22°24	3°19	3°13	11° 8	0°40	25° 3	16° 4	18°52	5°D43	4°24	16°17	n.a.	W 4
T 5	0 8 20	0♎35'28	16°16	23°18	4°33	2°50	11°17	0°46	25° 5	16° 3	18°54	5°44	4°21	16°24	n.a.	T 5
F 6	0 12 17	1°36'05	28°25	24° 8	5°48	2°28	11°26	0°53	25° 7	16° 1	18°56	5°45	4°18	16°30	n.a.	F 6
S 7	0 16 13	2°36'43	10♒49	24°53	7° 3	2° 5	11°35	0°59	25° 9	16° 0	18°59	5°R45	4°15	16°37	n.a.	S 7
S 8	0 20 10	3°37'23	23°34	25°33	8°18	1°43	11°44	1° 6	25°11	15°59	19° 1	5°44	4°11	16°44	n.a.	S 8
M 9	0 24 6	4°38'05	6♓42	26° 7	9°33	1°21	11°53	1°12	25°13	15°58	19° 4	5°40	4° 8	16°50	n.a.	M 9
T 10	0 28 3	5°38'47	20°14	26°35	10°48	0°59	12° 2	1°19	25°15	15°57	19° 6	5°33	4° 5	16°57	n.a.	T 10
W11	0 31 59	6°39'31	4♈ 8	26°55	12° 3	0°38	12°12	1°25	25°17	15°56	19° 8	5°24	4° 2	17° 4	n.a.	W11
T 12	0 35 56	7°40'17	18°21	27° 7	13°18	0°17	12°21	1°31	25°19	15°54	19°11	5°14	3°59	17°10	n.a.	T 12
F 13	0 39 53	8°41'04	2♉47	27°R11	14°33	29♓56	12°31	1°38	25°20	15°53	19°13	5° 4	3°55	17°17	n.a.	F 13
S 14	0 43 49	9°41'53	17°20	27° 4	15°48	29°36	12°41	1°44	25°22	15°52	19°15	4°54	3°52	17°24	n.a.	S 14
S 15	0 47 46	10°42'43	1♊52	26°48	17° 3	29°16	12°50	1°50	25°24	15°51	19°18	4°47	3°49	17°31	n.a.	S 15
M16	0 51 42	11°43'35	16°19	26°21	18°18	28°57	13° 1	1°56	25°25	15°49	19°20	4°41	3°46	17°37	n.a.	M16
T 17	0 55 39	12°44'29	0♋35	25°43	19°33	28°38	13°11	2° 2	25°27	15°48	19°22	4°39	3°43	17°44	n.a.	T 17
W18	0 59 35	13°45'25	14°39	24°55	20°48	28°20	13°21	2° 8	25°28	15°46	19°24	4°D38	3°40	17°51	n.a.	W18
T 19	1 3 32	14°46'22	28°31	23°57	22° 4	28° 2	13°31	2°14	25°29	15°45	19°27	4°R39	3°36	17°57	n.a.	T 19
F 20	1 7 28	15°47'20	12♌10	22°49	23°19	27°45	13°42	2°20	25°31	15°44	19°29	4°39	3°33	18° 4	n.a.	F 20
S 21	1 11 25	16°48'20	25°39	21°35	24°34	27°29	13°52	2°26	25°32	15°42	19°31	4°37	3°30	18°11	n.a.	S 21
S 22	1 15 22	17°49'21	8♍56	20°15	25°49	27°13	14° 3	2°32	25°33	15°41	19°33	4°32	3°27	18°17	n.a.	S 22
M23	1 19 18	18°50'24	22° 3	18°53	27° 5	26°59	14°14	2°38	25°34	15°39	19°36	4°25	3°24	18°24	n.a.	M23
T 24	1 23 15	19°51'28	4♎59	17°31	28°20	26°44	14°25	2°43	25°35	15°38	19°38	4°15	3°21	18°31	n.a.	T 24
W25	1 27 11	20°52'33	17°43	16°12	29°35	26°31	14°36	2°49	25°36	15°36	19°40	4° 2	3°17	18°37	n.a.	W25
T 26	1 31 8	21°53'39	0♏16	14°58	0♎51	26°18	14°47	2°55	25°37	15°35	19°42	3°48	3°14	18°44	n.a.	T 26
F 27	1 35 4	22°54'46	12°37	13°52	2° 6	26° 7	14°58	3° 0	25°38	15°33	19°44	3°34	3°11	18°51	n.a.	F 27
S 28	1 39 1	23°55'54	24°47	12°56	3°21	25°56	15° 9	3° 6	25°39	15°32	19°46	3°21	3° 8	18°57	n.a.	S 28
S 29	1 42 57	24°57'03	6♐46	12°10	4°37	25°45	15°21	3°11	25°40	15°30	19°49	3°10	3° 5	19° 4	n.a.	S 29
M30	1 46 54	25°58'13	18°38	11°35	5°52	25°36	15°32	3°16	25°41	15°29	19°51	3° 2	3° 1	19°11	n.a.	M30
T 31	1 50 51	26♎59'23	0♑26	11♎12	7♎ 7	25♓27	15♐44	3♍21	25♋42	15♉27	19♍53	2♒57	2♒58	19♐17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	1n24	24s49	4s43	10s 9	2s39	13n12	1n29	0s25	2s22	22s46	0s20	13n31	2n 7	22n 7	0n38	15n21	1s39	19n32	16n25	19s 8	19s27	26s56			n.a.
M 2	0 59	26 35	4 12	10 36	2 42	12 46	1 30	0 32	2 19	22 47	0 20	13 29	2 7	22 7	0 38	15 21	1 39	19 31	16 25	19 9	19 27	26 56			n.a.
T 3	0 35	27 8	3 31	11 1	2 44	12 20	1 31	0 38	2 16	22 48	0 20	13 26	2 7	22 6	0 38	15 20	1 40	19 30	16 26	19 9	19 28	26 56			n.a.
W 4	0 10	26 27	2 41	11 24	2 45	11 53	1 32	0 44	2 13	22 50	0 20	13 24	2 7	22 6	0 38	15 20	1 40	19 29	16 26	19 9	19 29	26 56			n.a.
T 5	0s14	24 32	1 43	11 45	2 46	11 26	1 33	0 51	2 10	22 51	0 20	13 22	2 7	22 5	0 38	15 20	1 40	19 28	16 26	19 9	19 30	26 56			n.a.
F 6	0 39	21 28	0 39	12 4	2 45	10 59	1 34	0 57	2 7	22 52	0 21	13 19	2 7	22 5	0 38	15 19	1 40	19 27	16 26	19 9	19 31	26 56			n.a.
S 7	1 3	17 23	0n27	12 20	2 45	10 31	1 34	1 3	2 4	22 53	0 21	13 17	2 8	22 5	0 38	15 19	1 40	19 26	16 26	19 9	19 31	26 57			n.a.
S 8	1 28	12 25	1 34	12 34	2 43	10 3	1 35	1 9	2 1	22 55	0 21	13 15	2 8	22 5	0 38	15 19	1 40	19 26	16 26	19 9	19 32	26 57			n.a.
M 9	1 52	6 46	2 37	12 43	2 40	9 35	1 35	1 15	1 58	22 56	0 21	13 13	2 8	22 4	0 38	15 18	1 40	19 25	16 26	19 10	19 33	26 57			n.a.
T 10	2 17	0 40	3 34	12 50	2 36	9 7	1 35	1 21	1 55	22 57	0 21	13 11	2 8	22 4	0 38	15 18	1 40	19 24	16 26	19 12	19 34	26 57			n.a.
W11	2 41	5n38	4 20	12 52	2 30	8 38	1 36	1 27	1 51	22 59	0 21	13 8	2 8	22 4	0 38	15 18	1 40	19 23	16 26	19 14	19 34	26 57			n.a.
T 12	3 6	11 46	4 50	12 51	2 24	8 9	1 36	1 32	1 48	23 0	0 21	13 6	2 8	22 3	0 38	15 17	1 40	19 22	16 27	19 17	19 35	26 57			n.a.
F 13	3 30	17 22	5 3	12 44	2 15	7 39	1 36	1 37	1 45	23 1	0 21	13 4	2 8	22 3	0 38	15 17	1 40	19 22	16 27	19 19	19 36	26 57			n.a.
S 14	3 54	22 1	4 56	12 33	2 6	7 10	1 36	1 43	1 42	23 3	0 21	13 2	2 9	22 3	0 38	15 16	1 40	19 21	16 27	19 22	19 37	26 57			n.a.
S 15	4 19	25 17	4 30	12 16	1 54	6 40	1 36	1 48	1 38	23 4	0 21	13 0	2 9	22 3	0 38	15 16	1 40	19 20	16 27	19 23	19 37	26 57			n.a.
M16	4 43	26 53	3 47	11 54	1 41	6 10	1 36	1 52	1 35	23 6	0 21	12 58	2 9	22 2	0 38	15 16	1 40	19 19	16 27	19 25	19 38	26 57			n.a.
T 17	5 7	26 41	2 50	11 27	1 27	5 40	1 36	1 57	1 32	23 7	0 21	12 56	2 9	22 2	0 38	15 15	1 40	19 18	16 27	19 25	19 39	26 57			n.a.
W18	5 31	24 45	1 44	10 53	1 10	5 10	1 36	2 1	1 28	23 8	0 21	12 54	2 9	22 2	0 38	15 15	1 40	19 18	16 28	19 25	19 40	26 57			n.a.
T 19	5 55	21 20	0 33	10 15	0 52	4 40	1 35	2 5	1 25	23 10	0 21	12 52	2 10	22 2	0 38	15 14	1 40	19 17	16 28	19 25	19 40	26 57			n.a.
F 20	6 19	16 48	0s40	9 32	0 33	4 9	1 35	2 9	1 22	23 11	0 21	12 50	2 10	22 1	0 38	15 14	1 40	19 16	16 28	19 25	19 41	26 57			n.a.
S 21	6 43	11 29	1 49	8 45	0 13	3 38	1 35	2 13	1 18	23 12	0 22	12 48	2 10	22 1	0 38	15 13	1 40	19 16	16 28	19 26	19 42	26 57			n.a.
S 22	7 6	5 43	2 51	7 56	0n 8	3 7	1 34	2 16	1 15	23 14	0 22	12 46	2 10	22 1	0 38	15 13	1 40	19 15	16 29	19 27	19 43	26 57			n.a.
M23	7 30	0s12	3 43	7 5	0 28	2 37	1 34	2 19	1 12	23 15	0 22	12 44	2 10	22 1	0 38	15 13	1 40	19 14	16 29	19 29	19 43	26 57			n.a.
T 24	7 54	6 1	4 22	6 15	0 48	2 5	1 33	2 22	1 9	23 16	0 22	12 42	2 10	22 1	0 38	15 12	1 40	19 14	16 29	19 31	19 44	26 57			n.a.
W25	8 17	11 29	4 48	5 26	1 8	1 34	1 32	2 24	1 6	23 18	0 22	12 40	2 11	22 0	0 39	15 12	1 40	19 13	16 29	19 34	19 45	26 57			n.a.
T 26	8 40	16 25	4 59	4 41	1 26	1 3	1 31	2 27	1 2	23 19	0 22	12 38	2 11	22 0	0 39	15 11	1 40	19 12	16 30	19 38	19 46	26 57			n.a.
F 27	9 3	20 35	4 56	4 0	1 42	0 32	1 31	2 29	0 59	23 21	0 22	12 36	2 11	22 0	0 39	15 11	1 40	19 12	16 30	19 41	19 46	26 57			n.a.
S 28	9 26	23 48	4 40	3 25	1 56	0 1	1 30	2 30	0 56	23 22	0 22	12 34	2 11	22 0	0 39	15 10	1 40	19 11	16 30	19 44	19 47	26 57			n.a.
S 29	9 49	25 55	4 11	2 56	2 8	0s31	1 29	2 32	0 53	23 23	0 22	12 33	2 11	22 0	0 39	15 10	1 40	19 11	16 30	19 47	19 48	26 57			n.a.
M30	10 12	26 51	3 31	2 33	2 18	1 2	1 28	2 33	0 50	23 25	0 22	12 31	2 12	22 0	0 39	15 9	1 40	19 10	16 31	19 49	19 49	26 57			n.a.
T 31	10s34	26s33	2s43	2s16	2n26	1s33	1n27	2s33	0s47	23s26	0s22	12n29	2n12	22n 0	0n39	15n 9	1s40	19n 9	16n31	19s50	19s49	26s57			n.a.

Julian Day Number = 1272073.5, Delta T = 08h16m12s
Ecliptic obliquity = 23°50'32, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'19, Lahiri = -20°56'19 Julian Calendar 1 Oct. 1231 BCE == Greg. Calendar 20 Sept. 1231 BCE

The year -1230 astronomical counting style corresponds to year 1231 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1231 BCE
geocentric

NOVEMBER 1231 BCE (-1230) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 54 47	28♎ 0'34	12♉14	11°R 0	8♎23	25°R20	15♐56	3♍27	25♋42	15°R25	19♍55	2°R54	2♒55	19♐24	n.a.	W 1
T 2	1 58 44	29° 1'45	24° 8	10°D59	9°38	25♓13	16° 7	3°32	25°43	15♉24	19°57	2♒53	2°52	19°31	n.a.	T 2
F 3	2 2 40	0♏ 2'57	6♒13	11♎ 7	10°54	25° 7	16°19	3°37	25°43	15°22	19°59	2°53	2°49	19°38	n.a.	F 3
S 4	2 6 37	1° 4'09	18°34	11°25	12° 9	25° 2	16°31	3°42	25°44	15°20	20° 1	2°53	2°46	19°44	n.a.	S 4
S 5	2 10 33	2° 5'22	1♓17	11°51	13°25	24°57	16°43	3°47	25°44	15°19	20° 3	2°51	2°42	19°51	n.a.	S 5
M 6	2 14 30	3° 6'34	14°26	12°25	14°40	24°54	16°55	3°51	25°45	15°17	20° 5	2°46	2°39	19°58	n.a.	M 6
T 7	2 18 27	4° 7'48	28° 3	13° 6	15°55	24°51	17° 8	3°56	25°45	15°15	20° 7	2°38	2°36	20° 4	n.a.	T 7
W 8	2 22 23	5° 9'01	12♈ 9	13°52	17°11	24°49	17°20	4° 1	25°45	15°14	20° 8	2°28	2°33	20°11	n.a.	W 8
T 9	2 26 20	6°10'15	26°40	14°44	18°26	24°48	17°32	4° 5	25°46	15°12	20°10	2°17	2°30	20°18	n.a.	T 9
F 10	2 30 16	7°11'30	11♉29	15°41	19°42	24°D47	17°45	4°10	25°46	15°10	20°12	2° 4	2°26	20°24	n.a.	F 10
S 11	2 34 13	8°12'45	26°28	16°41	20°57	24°48	17°57	4°14	25°46	15° 9	20°14	1°53	2°23	20°31	n.a.	S 11
S 12	2 38 9	9°14'00	11♊27	17°45	22°13	24°49	18°10	4°19	25°R46	15° 7	20°16	1°44	2°20	20°38	n.a.	S 12
M13	2 42 6	10°15'17	26°18	18°53	23°28	24°51	18°22	4°23	25°46	15° 5	20°17	1°37	2°17	20°44	n.a.	M13
T 14	2 46 2	11°16'33	10♋53	20° 3	24°44	24°54	18°35	4°27	25°46	15° 4	20°19	1°34	2°14	20°51	n.a.	T 14
W15	2 49 59	12°17'51	25° 8	21°15	25°59	24°57	18°48	4°31	25°46	15° 2	20°21	1°33	2°11	20°58	n.a.	W15
T 16	2 53 56	13°19'08	9♌ 4	22°30	27°15	25° 1	19° 1	4°35	25°45	15° 0	20°23	1°33	2° 7	21° 4	n.a.	T 16
F 17	2 57 52	14°20'26	22°39	23°46	28°30	25° 6	19°14	4°39	25°45	14°59	20°24	1°32	2° 4	21°11	n.a.	F 17
S 18	3 1 49	15°21'45	5♍56	25° 5	29°46	25°12	19°27	4°43	25°45	14°57	20°26	1°31	2° 1	21°18	n.a.	S 18
S 19	3 5 45	16°23'04	18°58	26°24	1♏ 1	25°18	19°40	4°47	25°44	14°55	20°28	1°27	1°58	21°24	n.a.	S 19
M20	3 9 42	17°24'23	1♎46	27°45	2°17	25°25	19°53	4°50	25°44	14°53	20°29	1°20	1°55	21°31	n.a.	M20
T 21	3 13 38	18°25'42	14°23	29° 7	3°32	25°33	20° 6	4°54	25°44	14°52	20°31	1°10	1°52	21°38	n.a.	T 21
W22	3 17 35	19°27'02	26°50	0♏30	4°48	25°41	20°19	4°58	25°43	14°50	20°32	0°58	1°48	21°44	n.a.	W22
T 23	3 21 31	20°28'22	9♏ 7	1°55	6° 3	25°50	20°32	5° 1	25°42	14°48	20°34	0°44	1°45	21°51	n.a.	T 23
F 24	3 25 28	21°29'41	21°16	3°19	7°18	26° 0	20°46	5° 4	25°42	14°47	20°35	0°30	1°42	21°58	n.a.	F 24
S 25	3 29 25	22°31'01	3♐17	4°45	8°34	26°10	20°59	5° 8	25°41	14°45	20°37	0°18	1°39	22° 5	n.a.	S 25
S 26	3 33 21	23°32'20	15°11	6°12	9°49	26°21	21°12	5°11	25°40	14°43	20°38	0° 7	1°36	22°11	n.a.	S 26
M27	3 37 18	24°33'39	27° 0	7°39	11° 5	26°33	21°26	5°14	25°40	14°42	20°39	29♉59	1°32	22°18	n.a.	M27
T 28	3 41 14	25°34'58	8♉47	9° 6	12°20	26°45	21°40	5°17	25°39	14°40	20°41	29°54	1°29	22°25	n.a.	T 28
W29	3 45 11	26°36'16	20°35	10°35	13°36	26°57	21°53	5°19	25°38	14°38	20°42	29°51	1°26	22°31	n.a.	W29
T 30	3 49 7	27♏37'33	2♒28	12♏ 3	14♏51	27♓11	22♐ 7	5♍22	25♋37	14♉37	20♍43	29°D51	1♒23	22♐38	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10s57	25s 3	1s47	2s 6	2n32	2s 4	1n25	2s34	0s44	23s27	0s22	12n27	2n12	22n 0	0n39	15n 8	1s40	19n 9	16n31	19s50	19s50	26s57		n.a.
T 2	11 19	22 24	0 46	2 1	2 37	2 36	1 24	2 34	0 41	23 29	0 22	12 26	2 12	22 0	0 39	15 8	1 40	19 8	16 32	19 51	19 51	26 57		n.a.
F 3	11 41	18 45	0n18	2 2	2 40	3 7	1 23	2 34	0 38	23 30	0 22	12 24	2 12	22 0	0 39	15 7	1 40	19 8	16 32	19 51	19 52	26 57		n.a.
S 4	12 2	14 13	1 22	2 8	2 41	3 38	1 22	2 33	0 36	23 31	0 22	12 22	2 13	21 59	0 39	15 7	1 40	19 7	16 32	19 51	19 52	26 57		n.a.
S 5	12 24	8 58	2 24	2 18	2 41	4 9	1 20	2 32	0 33	23 32	0 23	12 21	2 13	21 59	0 39	15 6	1 40	19 7	16 33	19 51	19 53	26 56		n.a.
M 6	12 45	3 9	3 21	2 33	2 40	4 40	1 19	2 31	0 30	23 34	0 23	12 19	2 13	21 59	0 39	15 6	1 40	19 6	16 33	19 52	19 54	26 56		n.a.
T 7	13 6	3n 0	4 8	2 51	2 38	5 11	1 17	2 30	0 28	23 35	0 23	12 18	2 13	21 59	0 39	15 5	1 40	19 6	16 33	19 54	19 55	26 56		n.a.
W 8	13 27	9 11	4 42	3 12	2 34	5 42	1 16	2 28	0 25	23 36	0 23	12 16	2 14	21 59	0 39	15 5	1 40	19 6	16 34	19 56	19 55	26 56		n.a.
T 9	13 48	15 4	4 59	3 35	2 31	6 12	1 14	2 26	0 22	23 38	0 23	12 15	2 14	21 59	0 39	15 4	1 40	19 5	16 34	19 59	19 56	26 56		n.a.
F 10	14 9	20 13	4 56	4 2	2 26	6 43	1 12	2 24	0 20	23 39	0 23	12 13	2 14	21 59	0 39	15 4	1 40	19 5	16 35	20 2	19 57	26 56		n.a.
S 11	14 29	24 7	4 33	4 30	2 21	7 13	1 11	2 22	0 17	23 40	0 23	12 12	2 14	21 59	0 39	15 3	1 40	19 4	16 35	20 4	19 57	26 56		n.a.
S 12	14 49	26 21	3 52	5 0	2 16	7 44	1 9	2 19	0 15	23 41	0 23	12 10	2 15	21 59	0 39	15 3	1 40	19 4	16 35	20 7	19 58	26 55		n.a.
M13	15 8	26 42	2 55	5 31	2 10	8 14	1 7	2 16	0 13	23 42	0 23	12 9	2 15	22 0	0 39	15 2	1 40	19 4	16 36	20 8	19 59	26 55		n.a.
T 14	15 28	25 10	1 47	6 3	2 4	8 43	1 5	2 13	0 10	23 44	0 23	12 8	2 15	22 0	0 39	15 2	1 40	19 3	16 36	20 9	20 0	26 55		n.a.
W15	15 47	22 1	0 34	6 37	1 57	9 13	1 3	2 9	0 8	23 45	0 23	12 6	2 15	22 0	0 39	15 1	1 40	19 3	16 37	20 9	20 0	26 55		n.a.
T 16	16 6	17 39	0s40	7 11	1 51	9 43	1 2	2 6	0 6	23 46	0 23	12 5	2 16	22 0	0 39	15 1	1 40	19 3	16 37	20 9	20 1	26 55		n.a.
F 17	16 25	12 29	1 49	7 47	1 44	10 12	1 0	2 2	0 3	23 47	0 23	12 4	2 16	22 0	0 39	15 0	1 40	19 2	16 37	20 9	20 2	26 55		n.a.
S 18	16 43	6 50	2 51	8 22	1 37	10 41	0 58	1 58	0 1	23 48	0 24	12 3	2 16	22 0	0 40	15 0	1 40	19 2	16 38	20 9	20 3	26 54		n.a.
S 19	17 1	1 2	3 43	8 58	1 29	11 9	0 56	1 53	0n 1	23 49	0 24	12 2	2 16	22 0	0 40	14 59	1 40	19 2	16 38	20 10	20 3	26 54		n.a.
M20	17 19	4s43	4 23	9 35	1 22	11 38	0 53	1 48	0 3	23 51	0 24	12 0	2 17	22 0	0 40	14 59	1 40	19 2	16 39	20 12	20 4	26 54		n.a.
T 21	17 36	10 11	4 49	10 11	1 15	12 6	0 51	1 43	0 5	23 52	0 24	11 59	2 17	22 0	0 40	14 58	1 40	19 1	16 39	20 14	20 5	26 54		n.a.
W22	17 53	15 10	5 0	10 48	1 7	12 34	0 49	1 38	0 7	23 53	0 24	11 58	2 17	22 0	0 40	14 58	1 40	19 1	16 40	20 17	20 5	26 53		n.a.
T 23	18 10	19 28	4 58	11 24	1 0	13 1	0 47	1 33	0 9	23 54	0 24	11 57	2 17	22 1	0 40	14 57	1 40	19 1	16 40	20 20	20 6	26 53		n.a.
F 24	18 26	22 54	4 42	12 1	0 52	13 29	0 45	1 27	0 11	23 55	0 24	11 56	2 18	22 1	0 40	14 57	1 40	19 1	16 41	20 23	20 7	26 53		n.a.
S 25	18 43	25 18	4 14	12 37	0 45	13 55	0 43	1 21	0 12	23 56	0 24	11 55	2 18	22 1	0 40	14 56	1 40	19 1	16 41	20 26	20 8	26 53		n.a.
S 26	18 58	26 33	3 34	13 13	0 37	14 22	0 40	1 15	0 14	23 57	0 24	11 54	2 18	22 1	0 40	14 56	1 40	19 1	16 42	20 28	20 8	26 52		n.a.
M27	19 14	26 34	2 46	13 49	0 30	14 48	0 38	1 9	0 16	23 58	0 24	11 53	2 18	22 1	0 40	14 55	1 40	19 1	16 42	20 30	20 9	26 52		n.a.
T 28	19 29	25 22	1 50	14 25	0 23	15 14	0 36	1 3	0 18	23 59	0 24	11 53	2 19	22 1	0 40	14 55	1 40	19 0	16 43	20 31	20 10	26 52		n.a.
W29	19 43	23 3	0 49	15 0	0 15	15 39	0 34	0 56	0 19	24 0	0 24	11 52	2 19	22 2	0 40	14 55	1 40	19 0	16 43	20 31	20 11	26 52		n.a.
T 30	19s58	19s43	0n14	15s35	0n 8	16s 4	0n31	0s49	0n21	24s 1	0s24	11n51	2n19	22n 2	0n40	14n54	1s40	19n 0	16n44	20s31	20s11	26s51		n.a.

Julian Day Number = 1272104.5, Delta T = 08h16m10s
Ecliptic obliquity = 23°50'32, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'15, Lahiri = -20°56'14 Julian Calendar 1 Nov. 1231 BCE == Greg. Calendar 21 Oct. 1231 BCE

The year -1230 astronomical counting style corresponds to year 1231 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1231 BCE
geocentric

DECEMBER 1231 BCE (-1230) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 53 4	28♏38'50	14♒30	13♏33	16♏ 7	27♓24	22♐20	5♍25	25°R36	14°R35	20♍44	29♉51	1♒20	22♐45	n.a.	F 1
S 2	3 57 1	29°40'06	26°48	15° 3	17°22	27°39	22°34	5°27	25♋35	14♉33	20°46	29°R52	1°17	22°51	n.a.	S 2
S 3	4 0 57	0♐41'22	9♓25	16°33	18°37	27°53	22°48	5°30	25°34	14°32	20°47	29°52	1°13	22°58	n.a.	S 3
M 4	4 4 54	1°42'36	22°28	18° 4	19°53	28° 9	23° 2	5°32	25°32	14°30	20°48	29°49	1°10	23° 5	n.a.	M 4
T 5	4 8 50	2°43'50	5♈59	19°35	21° 8	28°25	23°15	5°35	25°31	14°28	20°49	29°45	1° 7	23°11	n.a.	T 5
W 6	4 12 47	3°45'03	20° 0	21° 7	22°24	28°41	23°29	5°37	25°30	14°27	20°50	29°38	1° 4	23°18	n.a.	W 6
T 7	4 16 43	4°46'15	4♉31	22°39	23°39	28°58	23°43	5°39	25°29	14°25	20°51	29°30	1° 1	23°25	n.a.	T 7
F 8	4 20 40	5°47'26	19°26	24°12	24°54	29°15	23°57	5°41	25°27	14°24	20°52	29°21	0°58	23°31	n.a.	F 8
S 9	4 24 36	6°48'37	4♊36	25°45	26°10	29°33	24°11	5°43	25°26	14°22	20°53	29°13	0°54	23°38	n.a.	S 9
S 10	4 28 33	7°49'46	19°53	27°19	27°25	29°51	24°25	5°44	25°24	14°21	20°54	29° 6	0°51	23°45	n.a.	S 10
M11	4 32 30	8°50'56	5♋ 4	28°53	28°40	0♈ 9	24°39	5°46	25°23	14°19	20°55	29° 1	0°48	23°51	n.a.	M11
T 12	4 36 26	9°52'04	20° 0	0♐28	29°56	0°28	24°53	5°48	25°21	14°18	20°56	28°59	0°45	23°58	n.a.	T 12
W13	4 40 23	10°53'12	4♌35	2° 4	1♐11	0°48	25° 7	5°49	25°20	14°16	20°57	28°D59	0°42	24° 5	n.a.	W13
T 14	4 44 19	11°54'19	18°45	3°40	2°26	1° 8	25°21	5°50	25°18	14°15	20°57	29° 0	0°38	24°11	n.a.	T 14
F 15	4 48 16	12°55'25	2♍29	5°16	3°41	1°28	25°35	5°52	25°17	14°13	20°58	29° 1	0°35	24°18	n.a.	F 15
S 16	4 52 12	13°56'31	15°49	6°53	4°57	1°48	25°49	5°53	25°15	14°12	20°59	29°R 2	0°32	24°25	n.a.	S 16
S 17	4 56 9	14°57'36	28°48	8°31	6°12	2° 9	26° 4	5°54	25°13	14°10	21° 0	29° 1	0°29	24°31	n.a.	S 17
M18	5 0 6	15°58'40	11♎29	10° 9	7°27	2°30	26°18	5°55	25°11	14° 9	21° 0	28°57	0°26	24°38	n.a.	M18
T 19	5 4 2	16°59'43	23°55	11°48	8°42	2°52	26°32	5°56	25° 9	14° 7	21° 1	28°52	0°23	24°45	n.a.	T 19
W20	5 7 59	18° 0'46	6♏ 9	13°28	9°58	3°14	26°46	5°56	25° 7	14° 6	21° 1	28°46	0°19	24°51	n.a.	W20
T 21	5 11 55	19° 1'47	18°14	15° 8	11°13	3°36	27° 0	5°57	25° 6	14° 5	21° 2	28°38	0°16	24°58	n.a.	T 21
F 22	5 15 52	20° 2'48	0♐12	16°49	12°28	3°59	27°15	5°57	25° 4	14° 3	21° 3	28°30	0°13	25° 5	n.a.	F 22
S 23	5 19 48	21° 3'47	12° 5	18°31	13°43	4°22	27°29	5°58	25° 2	14° 2	21° 3	28°23	0°10	25°11	n.a.	S 23
S 24	5 23 45	22° 4'45	23°55	20°13	14°59	4°45	27°43	5°58	25° 0	14° 1	21° 3	28°17	0° 7	25°18	n.a.	S 24
M25	5 27 42	23° 5'42	5♑43	21°56	16°14	5° 9	27°58	5°58	24°57	14° 0	21° 4	28°13	0° 4	25°25	n.a.	M25
T 26	5 31 38	24° 6'38	17°32	23°40	17°29	5°33	28°12	5°R58	24°55	13°58	21° 4	28°10	0° 0	25°31	n.a.	T 26
W27	5 35 35	25° 7'32	29°23	25°25	18°44	5°57	28°26	5°58	24°53	13°57	21° 5	28°D10	29♑57	25°38	n.a.	W27
T 28	5 39 31	26° 8'24	11♒21	27°10	19°59	6°21	28°40	5°58	24°51	13°56	21° 5	28°10	29°54	25°45	n.a.	T 28
F 29	5 43 28	27° 9'15	23°27	28°56	21°14	6°46	28°55	5°58	24°49	13°55	21° 5	28°12	29°51	25°51	n.a.	F 29
S 30	5 47 24	28°10'04	5♓46	0♑42	22°30	7°11	29° 9	5°58	24°47	13°54	21° 5	28°14	29°48	25°58	n.a.	S 30
S 31	5 51 21	29♐10'52	18♓22	2♑29	23♐45	7♈36	29♐23	5♍57	24♋44	13♉53	21♍ 5	28♑15	29♑44	26♐ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s12	15s31	1n18	16s 9	0n 1	16s29	0n29	0s42	0n23	24s 1	0s25	11n50	2n19	22n 2	0n40	14n54	1s40	19n 0	16n44	20s31	20s12	26s51		n.a.
S 2	20 25	10 37	2 19	16 43	0s 6	16 53	0 26	0 35	0 24	24 2	0 25	11 50	2 20	22 2	0 40	14 53	1 40	19 0	16 45	20 31	20 13	26 51		n.a.
S 3	20 38	5 9	3 15	17 16	0 13	17 16	0 24	0 28	0 26	24 3	0 25	11 49	2 20	22 3	0 40	14 53	1 40	19 0	16 45	20 31	20 13	26 50		n.a.
M 4	20 51	0n41	4 4	17 49	0 20	17 39	0 22	0 20	0 27	24 4	0 25	11 48	2 20	22 3	0 40	14 52	1 40	19 0	16 46	20 32	20 14	26 50		n.a.
T 5	21 3	6 41	4 40	18 21	0 26	18 2	0 19	0 12	0 29	24 5	0 25	11 48	2 21	22 3	0 40	14 52	1 40	19 0	16 46	20 33	20 15	26 50		n.a.
W 6	21 15	12 35	5 2	18 52	0 33	18 24	0 17	0 4	0 30	24 6	0 25	11 47	2 21	22 3	0 40	14 51	1 40	19 0	16 47	20 34	20 15	26 49		n.a.
T 7	21 27	18 0	5 5	19 23	0 39	18 46	0 15	0n 4	0 31	24 6	0 25	11 47	2 21	22 4	0 40	14 51	1 40	19 0	16 47	20 36	20 16	26 49		n.a.
F 8	21 38	22 29	4 47	19 52	0 46	19 7	0 12	0 12	0 33	24 7	0 25	11 46	2 21	22 4	0 40	14 50	1 40	19 0	16 48	20 38	20 17	26 49		n.a.
S 9	21 49	25 31	4 10	20 21	0 52	19 28	0 10	0 20	0 34	24 8	0 25	11 46	2 22	22 4	0 40	14 50	1 40	19 1	16 48	20 40	20 18	26 48		n.a.
S 10	21 59	26 41	3 14	20 49	0 57	19 48	0 7	0 29	0 35	24 9	0 25	11 45	2 22	22 5	0 40	14 50	1 40	19 1	16 49	20 41	20 18	26 48		n.a.
M11	22 9	25 50	2 5	21 16	1 3	20 7	0 5	0 37	0 37	24 9	0 25	11 45	2 22	22 5	0 40	14 49	1 40	19 1	16 49	20 42	20 19	26 47		n.a.
T 12	22 18	23 7	0 48	21 43	1 9	20 26	0 2	0 46	0 38	24 10	0 25	11 45	2 23	22 5	0 40	14 49	1 40	19 1	16 50	20 42	20 20	26 47		n.a.
W13	22 27	18 57	0s30	22 8	1 14	20 44	0s 0	0 55	0 39	24 11	0 26	11 44	2 23	22 6	0 41	14 48	1 40	19 1	16 50	20 42	20 20	26 47		n.a.
T 14	22 36	13 48	1 45	22 32	1 19	21 2	0 2	1 4	0 40	24 11	0 26	11 44	2 23	22 6	0 41	14 48	1 40	19 1	16 51	20 42	20 21	26 46		n.a.
F 15	22 44	8 6	2 51	22 55	1 24	21 19	0 5	1 13	0 41	24 12	0 26	11 44	2 23	22 6	0 41	14 47	1 40	19 1	16 51	20 42	20 22	26 46		n.a.
S 16	22 51	2 13	3 46	23 17	1 29	21 36	0 7	1 23	0 43	24 12	0 26	11 44	2 24	22 7	0 41	14 47	1 40	19 2	16 52	20 42	20 22	26 45		n.a.
S 17	22 59	3s36	4 28	23 37	1 33	21 52	0 10	1 32	0 44	24 13	0 26	11 44	2 24	22 7	0 41	14 47	1 39	19 2	16 53	20 42	20 23	26 45		n.a.
M18	23 5	9 7	4 55	23 57	1 37	22 7	0 12	1 42	0 45	24 13	0 26	11 43	2 24	22 7	0 41	14 46	1 39	19 2	16 53	20 43	20 24	26 45		n.a.
T 19	23 12	14 11	5 8	24 15	1 41	22 22	0 14	1 51	0 46	24 14	0 26	11 43	2 25	22 8	0 41	14 46	1 39	19 2	16 54	20 44	20 25	26 44		n.a.
W20	23 17	18 36	5 7	24 31	1 44	22 36	0 17	2 1	0 47	24 14	0 26	11 43	2 25	22 8	0 41	14 46	1 39	19 3	16 54	20 45	20 25	26 44		n.a.
T 21	23 23	22 12	4 52	24 47	1 47	22 49	0 19	2 11	0 48	24 15	0 26	11 43	2 25	22 8	0 41	14 45	1 39	19 3	16 55	20 47	20 26	26 43		n.a.
F 22	23 28	24 49	4 24	25 0	1 50	23 1	0 21	2 21	0 49	24 15	0 26	11 44	2 25	22 9	0 41	14 45	1 39	19 3	16 55	20 48	20 27	26 43		n.a.
S 23	23 32	26 20	3 45	25 13	1 53	23 13	0 24	2 31	0 50	24 16	0 27	11 44	2 26	22 9	0 41	14 44	1 39	19 4	16 56	20 50	20 27	26 42		n.a.
S 24	23 36	26 38	2 56	25 23	1 55	23 24	0 26	2 42	0 51	24 16	0 27	11 44	2 26	22 10	0 41	14 44	1 39	19 4	16 56	20 51	20 28	26 42		n.a.
M25	23 39	25 42	1 59	25 32	1 57	23 35	0 28	2 52	0 52	24 16	0 27	11 44	2 26	22 10	0 41	14 44	1 39	19 4	16 57	20 52	20 29	26 41		n.a.
T 26	23 42	23 38	0 58	25 39	1 58	23 45	0 30	3 2	0 52	24 17	0 27	11 44	2 27	22 10	0 41	14 43	1 39	19 5	16 58	20 52	20 29	26 41		n.a.
W27	23 45	20 31	0n 7	25 45	1 59	23 54	0 33	3 13	0 53	24 17	0 27	11 44	2 27	22 11	0 41	14 43	1 39	19 5	16 58	20 53	20 30	26 40		n.a.
T 28	23 47	16 31	1 12	25 49	2 0	24 2	0 35	3 23	0 54	24 17	0 27	11 45	2 27	22 11	0 41	14 43	1 39	19 5	16 59	20 52	20 31	26 40		n.a.
F 29	23 49	11 49	2 14	25 50	2 0	24 10	0 37	3 34	0 55	24 17	0 27	11 45	2 27	22 12	0 41	14 43	1 39	19 6	16 59	20 52	20 31	26 39		n.a.
S 30	23 50	6 35	3 12	25 50	2 0	24 16	0 39	3 45	0 56	24 18	0 27	11 46	2 28	22 12	0 41	14 42	1 39	19 6	17 0	20 52	20 32	26 39		n.a.
S 31	23s50	0s59	4n 2	25s48	1s59	24s22	0s41	3n56	0n57	24s18	0s27	11n46	2n28	22n13	0n41	14n42	1s39	19n 7	17n 0	20s51	20s33	26s38		n.a.

Julian Day Number = 1272134.5, Delta T = 08h16m08s
Ecliptic obliquity = 23°50'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'11, Lahiri = -20°56'10 Julian Calendar 1 Dec. 1231 BCE == Greg. Calendar 20 Nov. 1231 BCE

The year -1230 astronomical counting style corresponds to year 1231 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1230 BCE
geocentric

JANUARY 1230 BCE (-1229) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 55 17	0♑11'37	1♈19	4♑17	25♐ 0	8♈ 2	29♐38	5°R57	24°R42	13°R51	21♍ 6	28°R16	29♑41	26♐11	n.a.	M 1
T 2	5 59 14	1°12'21	14°41	6° 6	26°15	8°28	29°52	5♍56	24♋40	13♉50	21° 6	28♑15	29°38	26°18	n.a.	T 2
W 3	6 3 11	2°13'03	28°31	7°55	27°30	8°54	0♑ 6	5°55	24°37	13°49	21° 6	28°13	29°35	26°25	n.a.	W 3
T 4	6 7 7	3°13'43	12♉48	9°44	28°45	9°20	0°21	5°54	24°35	13°48	21°R 6	28°10	29°32	26°31	n.a.	T 4
F 5	6 11 4	4°14'21	27°31	11°34	29°59	9°47	0°35	5°54	24°33	13°47	21° 6	28° 7	29°29	26°38	n.a.	F 5
S 6	6 15 0	5°14'58	12♊33	13°24	1♑15	10°13	0°49	5°52	24°30	13°47	21° 6	28° 3	29°25	26°45	n.a.	S 6
S 7	6 18 57	6°15'33	27°46	15°14	2°30	10°40	1° 4	5°51	24°28	13°46	21° 6	28° 1	29°22	26°51	n.a.	S 7
M 8	6 22 53	7°16'06	13♋ 1	17° 4	3°45	11° 7	1°18	5°50	24°25	13°45	21° 6	27°59	29°19	26°58	n.a.	M 8
T 9	6 26 50	8°16'37	28° 7	18°53	5° 0	11°35	1°32	5°49	24°23	13°44	21° 5	27°D59	29°16	27° 5	n.a.	T 9
W10	6 30 46	9°17'07	12♌56	20°42	6°15	12° 2	1°46	5°47	24°20	13°43	21° 5	27°59	29°13	27°12	n.a.	W10
T 11	6 34 43	10°17'35	27°21	22°31	7°30	12°30	2° 1	5°46	24°18	13°42	21° 5	28° 0	29°10	27°18	n.a.	T 11
F 12	6 38 40	11°18'01	11♍20	24°18	8°45	12°58	2°15	5°44	24°15	13°41	21° 5	28° 2	29° 6	27°25	n.a.	F 12
S 13	6 42 36	12°18'26	24°51	26° 3	10° 0	13°26	2°29	5°42	24°13	13°41	21° 5	28° 3	29° 3	27°32	n.a.	S 13
S 14	6 46 33	13°18'49	7♎57	27°47	11°15	13°54	2°43	5°41	24°10	13°40	21° 4	28°R 3	29° 0	27°38	n.a.	S 14
M15	6 50 29	14°19'10	20°39	29°29	12°29	14°23	2°57	5°39	24° 8	13°39	21° 4	28° 3	28°57	27°45	n.a.	M15
T 16	6 54 26	15°19'31	3♏ 4	1♒ 7	13°44	14°52	3°12	5°37	24° 5	13°39	21° 3	28° 3	28°54	27°52	n.a.	T 16
W17	6 58 22	16°19'49	15°13	2°42	14°59	15°20	3°26	5°34	24° 3	13°38	21° 3	28° 1	28°50	27°58	n.a.	W17
T 18	7 2 19	17°20'06	27°12	4°14	16°14	15°49	3°40	5°32	24° 0	13°38	21° 3	28° 0	28°47	28° 5	n.a.	T 18
F 19	7 6 15	18°20'21	9♐ 4	5°40	17°29	16°19	3°54	5°30	23°57	13°37	21° 2	27°58	28°44	28°12	n.a.	F 19
S 20	7 10 12	19°20'34	20°53	7° 2	18°44	16°48	4° 8	5°28	23°55	13°36	21° 2	27°57	28°41	28°18	n.a.	S 20
S 21	7 14 9	20°20'46	2♑41	8°17	19°59	17°17	4°22	5°25	23°52	13°36	21° 1	27°56	28°38	28°25	n.a.	S 21
M22	7 18 5	21°20'55	14°31	9°27	21°13	17°47	4°36	5°22	23°49	13°36	21° 0	27°55	28°35	28°32	n.a.	M22
T 23	7 22 2	22°21'03	26°24	10°29	22°28	18°17	4°50	5°20	23°47	13°35	21° 0	27°D55	28°31	28°38	n.a.	T 23
W24	7 25 58	23°21'08	8♒24	11°24	23°43	18°47	5° 4	5°17	23°44	13°35	20°59	27°55	28°28	28°45	n.a.	W24
T 25	7 29 55	24°21'12	20°32	12°10	24°58	19°17	5°18	5°14	23°42	13°34	20°58	27°56	28°25	28°52	n.a.	T 25
F 26	7 33 51	25°21'13	2♓49	12°49	26°13	19°47	5°32	5°11	23°39	13°34	20°58	27°56	28°22	28°58	n.a.	F 26
S 27	7 37 48	26°21'12	15°19	13°18	27°27	20°17	5°46	5° 8	23°36	13°34	20°57	27°56	28°19	29° 5	n.a.	S 27
S 28	7 41 44	27°21'08	28° 3	13°39	28°42	20°48	6° 0	5° 5	23°34	13°34	20°56	27°56	28°16	29°11	n.a.	S 28
M29	7 45 41	28°21'02	11♈ 4	13°51	29°57	21°19	6°13	5° 2	23°31	13°33	20°55	27°R56	28°12	29°18	n.a.	M29
T 30	7 49 38	29°20'54	24°24	13°R53	1♒11	21°49	6°27	4°59	23°28	13°33	20°55	27°D56	28° 9	29°25	n.a.	T 30
W31	7 53 34	0♒20'44	8♉ 5	13♒47	2♒26	22♈20	6♑41	4♍56	23♋26	13♉33	20♍54	27♑56	28♑ 6	29♐31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23 s50	4n48	4n40	25 s44	1 s58	24 s28	0 s43	4n 7	0n57	24 s18	0 s27	11n46	2n28	22n13	0n41	14n42	1 s39	19n 7	17n 1	20 s51	20 s33	26 s38			n.a.
T 2	23 50	10 34	5 6	25 38	1 56	24 32	0 45	4 18	0 58	24 18	0 28	11 47	2 29	22 14	0 41	14 41	1 39	19 7	17 1	20 52	20 34	26 37			n.a.
W 3	23 49	16 0	5 14	25 29	1 53	24 36	0 47	4 29	0 59	24 18	0 28	11 47	2 29	22 14	0 41	14 41	1 39	19 8	17 2	20 52	20 35	26 37			n.a.
T 4	23 48	20 46	5 4	25 19	1 50	24 39	0 49	4 40	1 0	24 18	0 28	11 48	2 29	22 14	0 41	14 41	1 39	19 8	17 3	20 53	20 36	26 36			n.a.
F 5	23 46	24 23	4 34	25 6	1 47	24 41	0 51	4 51	1 0	24 18	0 28	11 49	2 29	22 15	0 41	14 41	1 39	19 9	17 3	20 53	20 36	26 36			n.a.
S 6	23 44	26 24	3 45	24 51	1 42	24 43	0 53	5 3	1 1	24 18	0 28	11 49	2 30	22 15	0 41	14 40	1 39	19 9	17 4	20 54	20 37	26 35			n.a.
S 7	23 41	26 28	2 39	24 34	1 37	24 44	0 55	5 14	1 2	24 18	0 28	11 50	2 30	22 16	0 41	14 40	1 39	19 10	17 4	20 54	20 38	26 34			n.a.
M 8	23 38	24 33	1 22	24 15	1 32	24 44	0 56	5 25	1 2	24 18	0 28	11 51	2 30	22 16	0 41	14 40	1 38	19 11	17 5	20 55	20 38	26 34			n.a.
T 9	23 35	20 52	0 s 1	23 54	1 26	24 43	0 58	5 37	1 3	24 18	0 28	11 51	2 31	22 17	0 41	14 40	1 38	19 11	17 5	20 55	20 39	26 33			n.a.
W10	23 31	15 55	1 22	23 30	1 18	24 41	1 0	5 48	1 3	24 18	0 28	11 52	2 31	22 17	0 41	14 40	1 38	19 12	17 6	20 55	20 40	26 33			n.a.
T 11	23 26	10 10	2 35	23 5	1 11	24 39	1 1	6 0	1 4	24 18	0 29	11 53	2 31	22 18	0 41	14 39	1 38	19 12	17 6	20 55	20 40	26 32			n.a.
F 12	23 21	4 5	3 37	22 38	1 2	24 36	1 3	6 12	1 5	24 18	0 29	11 54	2 31	22 18	0 41	14 39	1 38	19 13	17 7	20 54	20 41	26 31			n.a.
S 13	23 16	1 s58	4 25	22 9	0 53	24 32	1 5	6 23	1 5	24 18	0 29	11 55	2 32	22 19	0 41	14 39	1 38	19 13	17 7	20 54	20 42	26 31			n.a.
S 14	23 10	7 44	4 57	21 39	0 43	24 27	1 6	6 35	1 6	24 18	0 29	11 56	2 32	22 19	0 41	14 39	1 38	19 14	17 8	20 54	20 42	26 30			n.a.
M15	23 3	13 2	5 14	21 7	0 32	24 22	1 7	6 47	1 6	24 17	0 29	11 57	2 32	22 20	0 41	14 39	1 38	19 15	17 9	20 54	20 43	26 30			n.a.
T 16	22 57	17 40	5 15	20 34	0 20	24 16	1 9	6 58	1 7	24 17	0 29	11 58	2 32	22 20	0 41	14 39	1 38	19 15	17 9	20 54	20 44	26 29			n.a.
W17	22 49	21 29	5 3	20 1	0 8	24 9	1 10	7 10	1 7	24 17	0 29	11 59	2 33	22 20	0 41	14 38	1 38	19 16	17 10	20 54	20 44	26 28			n.a.
T 18	22 42	24 21	4 37	19 26	0n 5	24 1	1 12	7 22	1 8	24 17	0 29	12 0	2 33	22 21	0 41	14 38	1 38	19 17	17 10	20 55	20 45	26 28			n.a.
F 19	22 34	26 7	3 59	18 52	0 19	23 53	1 13	7 34	1 8	24 16	0 29	12 1	2 33	22 21	0 41	14 38	1 38	19 17	17 11	20 55	20 46	26 27			n.a.
S 20	22 25	26 42	3 11	18 18	0 33	23 44	1 14	7 46	1 9	24 16	0 30	12 2	2 33	22 22	0 41	14 38	1 38	19 18	17 11	20 55	20 46	26 26			n.a.
S 21	22 16	26 4	2 16	17 44	0 48	23 34	1 15	7 58	1 9	24 16	0 30	12 3	2 34	22 22	0 41	14 38	1 38	19 19	17 12	20 55	20 47	26 26			n.a.
M22	22 7	24 16	1 14	17 11	1 3	23 23	1 16	8 10	1 10	24 15	0 30	12 4	2 34	22 23	0 41	14 38	1 38	19 19	17 12	20 56	20 48	26 25			n.a.
T 23	21 57	21 22	0 8	16 39	1 18	23 12	1 17	8 22	1 10	24 15	0 30	12 6	2 34	22 23	0 41	14 38	1 38	19 20	17 13	20 56	20 48	26 24			n.a.
W24	21 47	17 32	0n58	16 10	1 33	23 0	1 18	8 34	1 11	24 15	0 30	12 7	2 34	22 24	0 41	14 38	1 38	19 21	17 13	20 56	20 49	26 24			n.a.
T 25	21 36	12 58	2 2	15 42	1 49	22 48	1 19	8 46	1 11	24 14	0 30	12 8	2 35	22 24	0 41	14 38	1 37	19 21	17 14	20 56	20 49	26 23			n.a.
F 26	21 25	7 49	3 2	15 16	2 4	22 34	1 20	8 58	1 12	24 14	0 30	12 9	2 35	22 25	0 41	14 38	1 37	19 22	17 14	20 55	20 50	26 22			n.a.
S 27	21 14	2 18	3 54	14 53	2 19	22 20	1 21	9 10	1 12	24 13	0 30	12 11	2 35	22 25	0 41	14 38	1 37	19 23	17 15	20 55	20 51	26 21			n.a.
S 28	21 2	3n25	4 36	14 34	2 33	22 6	1 21	9 22	1 12	24 13	0 31	12 12	2 35	22 26	0 41	14 38	1 37	19 24	17 15	20 55	20 51	26 21			n.a.
M29	20 50	9 6	5 4	14 17	2 47	21 50	1 22	9 34	1 13	24 12	0 31	12 14	2 35	22 26	0 41	14 38	1 37	19 24	17 15	20 55	20 52	26 20			n.a.
T 30	20 38	14 31	5 17	14 4	3 0	21 34	1 23	9 46	1 13	24 12	0 31	12 15	2 36	22 27	0 41	14 38	1 37	19 25	17 16	20 55	20 53	26 19			n.a.
W31	20 s25	19n21	5n13	13 s54	3n12	21 s18	1 s23	9n58	1n13	24 s11	0 s31	12n16	2n36	22n27	0n41	14n38	1 s37	19n26	17n16	20 s55	20 s53	26 s18			n.a.

Julian Day Number = 1272165.5, Delta T = 08h16m07s
Ecliptic obliquity = 23°50'31, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'07, Lahiri = -20°56'06 Julian Calendar 1 Jan. 1230 BCE == Greg. Calendar 21 Dec. 1231 BCE

The year -1229 astronomical counting style corresponds to year 1230 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1230 BCE
geocentric

FEBRUARY 1230 BCE (-1229) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 57 31	1♒20'31	22♉ 8	13°R32	3♒41	22♈51	6♑55	4°R52	23°R23	13°R33	20°R53	27♑56	28♑ 3	29♐38	n.a.	T 1
F 2	8 1 27	2°20'16	6♊31	13♒ 9	4°55	23°22	7° 8	4♍49	23♋21	13♉33	20♍52	27°57	28° 0	29°45	n.a.	F 2
S 3	8 5 24	3°19'58	21°12	12°38	6°10	23°54	7°22	4°45	23°18	13°33	20°51	27°57	27°56	29°51	n.a.	S 3
S 4	8 9 20	4°19'38	6♋ 6	12° 1	7°24	24°25	7°35	4°42	23°16	13°D33	20°50	27°58	27°53	29°58	n.a.	S 4
M 5	8 13 17	5°19'16	21° 5	11°17	8°39	24°56	7°49	4°38	23°13	13°33	20°49	27°R58	27°50	0♑ 5	n.a.	M 5
T 6	8 17 13	6°18'51	6♌ 3	10°29	9°54	25°28	8° 2	4°34	23°10	13°33	20°48	27°58	27°47	0°11	n.a.	T 6
W 7	8 21 10	7°18'24	20°50	9°38	11° 8	26° 0	8°16	4°31	23° 8	13°33	20°47	27°57	27°44	0°18	n.a.	W 7
T 8	8 25 7	8°17'55	5♍19	8°43	12°23	26°31	8°29	4°27	23° 5	13°33	20°46	27°56	27°41	0°25	n.a.	T 8
F 9	8 29 3	9°17'24	19°24	7°48	13°37	27° 3	8°43	4°23	23° 3	13°33	20°44	27°55	27°37	0°31	n.a.	F 9
S 10	8 33 0	10°16'51	3♎ 5	6°52	14°52	27°35	8°56	4°19	23° 0	13°33	20°43	27°54	27°34	0°38	n.a.	S 10
S 11	8 36 56	11°16'16	16°18	5°58	16° 6	28° 7	9° 9	4°15	22°58	13°34	20°42	27°52	27°31	0°45	n.a.	S 11
M12	8 40 53	12°15'39	29° 8	5° 5	17°20	28°39	9°22	4°11	22°56	13°34	20°41	27°51	27°28	0°51	n.a.	M12
T 13	8 44 49	13°15'00	11♏36	4°16	18°35	29°12	9°35	4° 7	22°53	13°34	20°40	27°D51	27°25	0°58	n.a.	T 13
W14	8 48 46	14°14'19	23°47	3°31	19°49	29°44	9°48	4° 3	22°51	13°35	20°38	27°51	27°22	1° 5	n.a.	W14
T 15	8 52 42	15°13'37	5♐45	2°50	21° 4	0♉16	10° 1	3°59	22°48	13°35	20°37	27°52	27°18	1°11	n.a.	T 15
F 16	8 56 39	16°12'52	17°36	2°14	22°18	0°49	10°14	3°55	22°46	13°35	20°36	27°53	27°15	1°18	n.a.	F 16
S 17	9 0 35	17°12'06	29°23	1°44	23°33	1°21	10°27	3°50	22°44	13°36	20°35	27°55	27°12	1°25	n.a.	S 17
S 18	9 4 32	18°11'17	11♑12	1°19	24°47	1°54	10°40	3°46	22°41	13°36	20°33	27°56	27° 9	1°31	n.a.	S 18
M19	9 8 29	19°10'26	23° 5	1° 0	26° 1	2°27	10°53	3°42	22°39	13°37	20°32	27°R57	27° 6	1°38	n.a.	M19
T 20	9 12 25	20° 9'34	5♒ 6	0°46	27°16	3° 0	11° 5	3°37	22°37	13°37	20°31	27°57	27° 2	1°45	n.a.	T 20
W21	9 16 22	21° 8'39	17°17	0°39	28°30	3°33	11°18	3°33	22°35	13°38	20°29	27°56	26°59	1°51	n.a.	W21
T 22	9 20 18	22° 7'42	29°39	0°D37	29°44	4° 6	11°31	3°29	22°32	13°38	20°28	27°53	26°56	1°58	n.a.	T 22
F 23	9 24 15	23° 6'43	12♓14	0°41	0♓58	4°39	11°43	3°24	22°30	13°39	20°26	27°50	26°53	2° 5	n.a.	F 23
S 24	9 28 11	24° 5'41	25° 2	0°50	2°13	5°12	11°55	3°20	22°28	13°40	20°25	27°46	26°50	2°11	n.a.	S 24
S 25	9 32 8	25° 4'37	8♈ 4	1° 4	3°27	5°45	12° 8	3°15	22°26	13°40	20°23	27°41	26°47	2°18	n.a.	S 25
M26	9 36 4	26° 3'31	21°20	1°23	4°41	6°18	12°20	3°11	22°24	13°41	20°22	27°37	26°43	2°25	n.a.	M26
T 27	9 40 1	27° 2'22	4♉49	1°47	5°55	6°52	12°32	3° 6	22°22	13°42	20°20	27°34	26°40	2°31	n.a.	T 27
W28	9 43 57	28♒ 1'11	18♉32	2♒16	7♓ 9	7♉25	12♑44	3♍ 2	22♋20	13♉43	20♍19	27♑33	26♑37	2♑38	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s12	23n16	4n50	13s48	3n23	21s 1	1s24	10n10	1n14	24s11	0s31	12n18	2n36	22n27	0n41	14n38	1s37	19n27	17n17	20s55	20s54	26s18		n.a.
F 2	19 58	25 50	4 9	13 46	3 32	20 43	1 24	10 22	1 14	24 10	0 31	12 19	2 36	22 28	0 41	14 38	1 37	19 27	17 17	20 55	20 55	26 17		n.a.
S 3	19 44	26 43	3 10	13 47	3 40	20 25	1 24	10 34	1 15	24 9	0 31	12 21	2 36	22 28	0 41	14 38	1 37	19 28	17 18	20 55	20 55	26 16		n.a.
S 4	19 30	25 40	1 59	13 52	3 46	20 6	1 25	10 47	1 15	24 9	0 32	12 22	2 37	22 29	0 41	14 38	1 37	19 29	17 18	20 55	20 56	26 15		n.a.
M 5	19 15	22 47	0 38	14 0	3 50	19 46	1 25	10 59	1 15	24 8	0 32	12 24	2 37	22 29	0 41	14 38	1 37	19 30	17 19	20 55	20 57	26 15		n.a.
T 6	19 0	18 21	0s45	14 11	3 52	19 26	1 25	11 11	1 15	24 7	0 32	12 25	2 37	22 30	0 41	14 38	1 37	19 31	17 19	20 55	20 57	26 14		n.a.
W 7	18 45	12 51	2 4	14 25	3 52	19 5	1 25	11 23	1 16	24 7	0 32	12 27	2 37	22 30	0 41	14 38	1 37	19 31	17 19	20 55	20 58	26 13		n.a.
T 8	18 30	6 44	3 13	14 41	3 50	18 44	1 25	11 35	1 16	24 6	0 32	12 28	2 37	22 31	0 41	14 38	1 37	19 32	17 20	20 55	20 59	26 12		n.a.
F 9	18 14	0 28	4 8	14 59	3 46	18 23	1 25	11 47	1 16	24 5	0 32	12 30	2 38	22 31	0 41	14 38	1 37	19 33	17 20	20 56	20 59	26 11		n.a.
S 10	17 58	5s38	4 48	15 18	3 41	18 0	1 25	11 59	1 17	24 5	0 32	12 32	2 38	22 31	0 41	14 38	1 36	19 34	17 21	20 56	21 0	26 11		n.a.
S 11	17 41	11 16	5 10	15 39	3 34	17 38	1 25	12 11	1 17	24 4	0 33	12 33	2 38	22 32	0 41	14 39	1 36	19 35	17 21	20 56	21 0	26 10		n.a.
M12	17 24	16 16	5 17	16 0	3 25	17 15	1 25	12 23	1 17	24 3	0 33	12 35	2 38	22 32	0 41	14 39	1 36	19 35	17 21	20 56	21 1	26 9		n.a.
T 13	17 7	20 26	5 8	16 22	3 15	16 51	1 25	12 34	1 17	24 2	0 33	12 37	2 38	22 33	0 41	14 39	1 36	19 36	17 22	20 56	21 2	26 8		n.a.
W14	16 50	23 37	4 45	16 44	3 3	16 27	1 24	12 46	1 18	24 1	0 33	12 38	2 38	22 33	0 41	14 39	1 36	19 37	17 22	20 56	21 2	26 7		n.a.
T 15	16 32	25 44	4 10	17 5	2 51	16 2	1 24	12 58	1 18	24 1	0 33	12 40	2 38	22 33	0 41	14 39	1 36	19 38	17 22	20 56	21 3	26 6		n.a.
F 16	16 15	26 39	3 25	17 26	2 37	15 37	1 23	13 10	1 18	24 0	0 33	12 42	2 39	22 34	0 41	14 39	1 36	19 39	17 23	20 56	21 4	26 6		n.a.
S 17	15 56	26 22	2 31	17 47	2 23	15 12	1 23	13 22	1 18	23 59	0 34	12 43	2 39	22 34	0 41	14 40	1 36	19 39	17 23	20 56	21 4	26 5		n.a.
S 18	15 38	24 53	1 31	18 6	2 9	14 46	1 22	13 34	1 19	23 58	0 34	12 45	2 39	22 35	0 41	14 40	1 36	19 40	17 23	20 55	21 5	26 4		n.a.
M19	15 19	22 16	0 27	18 25	1 55	14 20	1 22	13 45	1 19	23 57	0 34	12 47	2 39	22 35	0 41	14 40	1 36	19 41	17 24	20 55	21 5	26 3		n.a.
T 20	15 0	18 41	0n39	18 42	1 40	13 54	1 21	13 57	1 19	23 56	0 34	12 49	2 39	22 35	0 41	14 40	1 36	19 42	17 24	20 55	21 6	26 2		n.a.
W21	14 41	14 16	1 45	18 58	1 25	13 27	1 20	14 9	1 19	23 55	0 34	12 50	2 39	22 36	0 41	14 40	1 36	19 43	17 24	20 55	21 7	26 1		n.a.
T 22	14 22	9 12	2 46	19 13	1 10	12 59	1 19	14 20	1 19	23 54	0 34	12 52	2 39	22 36	0 41	14 41	1 36	19 44	17 24	20 56	21 7	26 0		n.a.
F 23	14 2	3 42	3 40	19 26	0 56	12 32	1 18	14 32	1 20	23 53	0 35	12 54	2 39	22 36	0 41	14 41	1 36	19 44	17 25	20 57	21 8	25 59		n.a.
S 24	13 43	2n 1	4 24	19 38	0 42	12 4	1 18	14 43	1 20	23 52	0 35	12 55	2 39	22 37	0 41	14 41	1 36	19 45	17 25	20 58	21 9	25 58		n.a.
S 25	13 23	7 45	4 55	19 48	0 28	11 36	1 16	14 55	1 20	23 51	0 35	12 57	2 40	22 37	0 41	14 41	1 36	19 46	17 25	20 58	21 9	25 57		n.a.
M26	13 3	13 15	5 11	19 57	0 14	11 7	1 15	15 6	1 20	23 50	0 35	12 59	2 40	22 37	0 41	14 42	1 35	19 47	17 25	20 59	21 10	25 57		n.a.
T 27	12 42	18 12	5 11	20 4	0 1	10 38	1 14	15 18	1 20	23 49	0 35	13 1	2 40	22 38	0 41	14 42	1 35	19 48	17 26	21 0	21 10	25 56		n.a.
W28	12s22	22n18	4n53	20s10	0s11	10s 9	1s13	15n29	1n21	23s48	0s35	13n 2	2n40	22n38	0n41	14n42	1s35	19n49	17n26	21s 0	21s11	25s55		n.a.

Julian Day Number = 1272196.5, Delta T = 08h16m05s
Ecliptic obliquity = 23°50'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°03'02, Lahiri = -20°56'02 Julian Calendar 1 Feb. 1230 BCE == Greg. Calendar 21 Jan. 1230 BCE

The year -1229 astronomical counting style corresponds to year 1230 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1230 BCE
geocentric

MARCH 1230 BCE (-1229) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 47 54	28♒59'58	2♊28	2♒49	8♓23	7♉59	12♑56	2°R57	22°R18	13♉44	20°R17	27°D32	26♑34	2♑45	n.a.	T 1
F 2	9 51 51	29°58'42	16°38	3°25	9°38	8°32	13° 8	2♍52	22♋16	13°44	20♍16	27♑33	26°31	2°51	n.a.	F 2
S 3	9 55 47	0♓57'24	0♋58	4° 6	10°52	9° 6	13°20	2°48	22°14	13°45	20°14	27°35	26°27	2°58	n.a.	S 3
S 4	9 59 44	1°56'04	15°27	4°51	12° 6	9°40	13°32	2°43	22°12	13°46	20°13	27°36	26°24	3° 5	n.a.	S 4
M 5	10 3 40	2°54'41	0♌ 2	5°38	13°20	10°13	13°44	2°39	22°11	13°47	20°11	27°R36	26°21	3°11	n.a.	M 5
T 6	10 7 37	3°53'16	14°36	6°30	14°34	10°47	13°55	2°34	22° 9	13°48	20° 9	27°35	26°18	3°18	n.a.	T 6
W 7	10 11 33	4°51'48	29° 5	7°24	15°48	11°21	14° 7	2°30	22° 7	13°49	20° 8	27°33	26°15	3°25	n.a.	W 7
T 8	10 15 30	5°50'18	13♍22	8°21	17° 2	11°55	14°18	2°25	22° 5	13°50	20° 6	27°28	26°12	3°31	n.a.	T 8
F 9	10 19 26	6°48'47	27°21	9°22	18°16	12°29	14°30	2°21	22° 4	13°51	20° 5	27°22	26° 8	3°38	n.a.	F 9
S 10	10 23 23	7°47'13	11♎ 0	10°25	19°30	13° 3	14°41	2°16	22° 2	13°52	20° 3	27°15	26° 5	3°45	n.a.	S 10
S 11	10 27 19	8°45'38	24°15	11°30	20°43	13°37	14°52	2°11	22° 1	13°53	20° 1	27° 9	26° 2	3°51	n.a.	S 11
M12	10 31 16	9°44'00	7♏ 7	12°38	21°57	14°11	15° 3	2° 7	21°59	13°55	20° 0	27° 3	25°59	3°58	n.a.	M12
T 13	10 35 13	10°42'22	19°38	13°49	23°11	14°45	15°14	2° 2	21°58	13°56	19°58	26°59	25°56	4° 5	n.a.	T 13
W14	10 39 9	11°40'41	1♐51	15° 2	24°25	15°19	15°25	1°58	21°56	13°57	19°56	26°57	25°53	4°11	n.a.	W14
T 15	10 43 6	12°38'59	13°51	16°17	25°39	15°54	15°36	1°54	21°55	13°58	19°55	26°D57	25°49	4°18	n.a.	T 15
F 16	10 47 2	13°37'15	25°43	17°35	26°53	16°28	15°46	1°49	21°54	14° 0	19°53	26°57	25°46	4°25	n.a.	F 16
S 17	10 50 59	14°35'29	7♑31	18°54	28° 6	17° 2	15°57	1°45	21°52	14° 1	19°51	26°59	25°43	4°31	n.a.	S 17
S 18	10 54 55	15°33'42	19°21	20°16	29°20	17°37	16° 8	1°40	21°51	14° 2	19°50	27° 0	25°40	4°38	n.a.	S 18
M19	10 58 52	16°31'53	1♒18	21°40	0♈34	18°11	16°18	1°36	21°50	14° 3	19°48	27°R 0	25°37	4°44	n.a.	M19
T 20	11 2 48	17°30'02	13°26	23° 6	1°48	18°46	16°28	1°32	21°49	14° 5	19°46	26°58	25°33	4°51	n.a.	T 20
W21	11 6 45	18°28'10	25°47	24°33	3° 1	19°21	16°38	1°27	21°48	14° 6	19°45	26°55	25°30	4°58	n.a.	W21
T 22	11 10 42	19°26'15	8♓25	26° 3	4°15	19°55	16°48	1°23	21°47	14° 8	19°43	26°49	25°27	5° 4	n.a.	T 22
F 23	11 14 38	20°24'19	21°19	27°35	5°29	20°30	16°58	1°19	21°46	14° 9	19°41	26°41	25°24	5°11	n.a.	F 23
S 24	11 18 35	21°22'22	4♈30	29° 8	6°42	21° 5	17° 8	1°15	21°45	14°11	19°39	26°32	25°21	5°18	n.a.	S 24
S 25	11 22 31	22°20'22	17°56	0♓44	7°56	21°39	17°18	1°11	21°44	14°12	19°38	26°22	25°18	5°24	n.a.	S 25
M26	11 26 28	23°18'20	1♉35	2°21	9° 9	22°14	17°27	1° 7	21°43	14°14	19°36	26°14	25°14	5°31	n.a.	M26
T 27	11 30 24	24°16'17	15°24	4° 0	10°23	22°49	17°37	1° 3	21°42	14°15	19°34	26° 6	25°11	5°38	n.a.	T 27
W28	11 34 21	25°14'12	29°20	5°41	11°36	23°24	17°46	0°59	21°41	14°17	19°33	26° 1	25° 8	5°44	n.a.	W28
T 29	11 38 17	26°12'05	13♊22	7°24	12°50	23°59	17°56	0°55	21°41	14°18	19°31	25°59	25° 5	5°51	n.a.	T 29
F 30	11 42 14	27° 9'56	27°29	9° 9	14° 3	24°34	18° 5	0°51	21°40	14°20	19°29	25°D58	25° 2	5°58	n.a.	F 30
S 31	11 46 11	28♓ 7'44	11♋38	10♓56	15♈17	25♉ 9	18♑14	0♍47	21♋39	14♉22	19♍28	25♑59	24♑59	6♑ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s 1	25n12	4n17	20s14	0s23	9s40	1s12	15n40	1n21	23s47	0s36	13n 4	2n40	22n38	0n41	14n43	1s35	19n49	17n26	21s 0	21s12	25s54		n.a.
F 2	11 40	26 34	3 26	20 17	0 35	9 11	1 11	15 52	1 21	23 46	0 36	13 6	2 40	22 39	0 41	14 43	1 35	19 50	17 26	21 0	21 12	25 53		n.a.
S 3	11 19	26 11	2 21	20 18	0 46	8 41	1 9	16 3	1 21	23 45	0 36	13 8	2 40	22 39	0 41	14 43	1 35	19 51	17 26	21 0	21 13	25 52		n.a.
S 4	10 58	24 1	1 6	20 17	0 57	8 11	1 8	16 14	1 21	23 44	0 36	13 9	2 40	22 39	0 41	14 44	1 35	19 52	17 27	20 59	21 14	25 51		n.a.
M 5	10 36	20 16	0s13	20 15	1 7	7 41	1 6	16 25	1 21	23 43	0 36	13 11	2 40	22 40	0 41	14 44	1 35	19 53	17 27	20 59	21 14	25 50		n.a.
T 6	10 15	15 16	1 31	20 11	1 16	7 10	1 5	16 36	1 21	23 42	0 36	13 13	2 40	22 40	0 41	14 44	1 35	19 53	17 27	21 0	21 15	25 49		n.a.
W 7	9 53	9 27	2 43	20 6	1 25	6 40	1 3	16 47	1 22	23 41	0 37	13 15	2 40	22 40	0 41	14 45	1 35	19 54	17 27	21 0	21 15	25 48		n.a.
T 8	9 31	3 13	3 43	19 59	1 33	6 9	1 2	16 57	1 22	23 40	0 37	13 16	2 40	22 40	0 41	14 45	1 35	19 55	17 27	21 1	21 16	25 47		n.a.
F 9	9 9	3s 2	4 29	19 50	1 41	5 38	1 0	17 8	1 22	23 39	0 37	13 18	2 40	22 41	0 41	14 45	1 35	19 56	17 27	21 2	21 17	25 46		n.a.
S 10	8 47	8 58	4 58	19 40	1 48	5 7	0 58	17 19	1 22	23 38	0 37	13 20	2 40	22 41	0 41	14 46	1 35	19 56	17 28	21 4	21 17	25 45		n.a.
S 11	8 25	14 20	5 9	19 28	1 55	4 36	0 56	17 30	1 22	23 37	0 37	13 21	2 40	22 41	0 41	14 46	1 35	19 57	17 28	21 5	21 18	25 44		n.a.
M12	8 3	18 55	5 5	19 14	2 1	4 5	0 55	17 40	1 22	23 36	0 38	13 23	2 40	22 41	0 41	14 47	1 35	19 58	17 28	21 6	21 18	25 43		n.a.
T 13	7 41	22 31	4 46	18 59	2 7	3 33	0 53	17 50	1 22	23 35	0 38	13 25	2 40	22 41	0 41	14 47	1 35	19 59	17 28	21 7	21 19	25 42		n.a.
W14	7 18	25 2	4 15	18 42	2 12	3 2	0 51	18 1	1 22	23 34	0 38	13 26	2 40	22 42	0 41	14 47	1 35	19 59	17 28	21 7	21 20	25 41		n.a.
T 15	6 55	26 21	3 32	18 23	2 16	2 30	0 49	18 11	1 22	23 33	0 38	13 28	2 40	22 42	0 41	14 48	1 34	20 0	17 28	21 7	21 20	25 40		n.a.
F 16	6 33	26 27	2 41	18 2	2 20	1 59	0 47	18 21	1 22	23 32	0 38	13 29	2 40	22 42	0 41	14 48	1 34	20 1	17 28	21 7	21 21	25 39		n.a.
S 17	6 10	25 21	1 43	17 40	2 23	1 27	0 45	18 31	1 23	23 31	0 39	13 31	2 40	22 42	0 41	14 49	1 34	20 2	17 28	21 7	21 21	25 38		n.a.
S 18	5 47	23 6	0 41	17 17	2 26	0 55	0 43	18 41	1 23	23 29	0 39	13 33	2 40	22 42	0 41	14 49	1 34	20 2	17 28	21 7	21 22	25 37		n.a.
M19	5 24	19 50	0n23	16 51	2 28	0 24	0 41	18 51	1 23	23 28	0 39	13 34	2 40	22 43	0 41	14 50	1 34	20 3	17 28	21 7	21 23	25 35		n.a.
T 20	5 1	15 40	1 27	16 24	2 30	0n 8	0 39	19 1	1 23	23 27	0 39	13 36	2 40	22 43	0 41	14 50	1 34	20 4	17 28	21 7	21 23	25 34		n.a.
W21	4 38	10 48	2 29	15 55	2 31	0 40	0 36	19 11	1 23	23 26	0 39	13 37	2 40	22 43	0 41	14 51	1 34	20 4	17 28	21 8	21 24	25 33		n.a.
T 22	4 15	5 24	3 24	15 25	2 31	1 12	0 34	19 21	1 23	23 25	0 40	13 39	2 40	22 43	0 41	14 51	1 34	20 5	17 28	21 9	21 24	25 32		n.a.
F 23	3 52	0n19	4 10	14 53	2 31	1 43	0 32	19 30	1 23	23 24	0 40	13 40	2 40	22 43	0 41	14 52	1 34	20 6	17 28	21 10	21 25	25 31		n.a.
S 24	3 29	6 8	4 43	14 19	2 31	2 15	0 30	19 40	1 23	23 23	0 40	13 42	2 40	22 43	0 41	14 52	1 34	20 6	17 28	21 12	21 26	25 30		n.a.
S 25	3 5	11 47	5 2	13 43	2 29	2 47	0 27	19 49	1 23	23 22	0 40	13 43	2 40	22 43	0 41	14 53	1 34	20 7	17 28	21 14	21 26	25 29		n.a.
M26	2 42	16 57	5 4	13 6	2 28	3 18	0 25	19 58	1 23	23 21	0 41	13 45	2 40	22 44	0 41	14 53	1 34	20 8	17 28	21 16	21 27	25 28		n.a.
T 27	2 19	21 19	4 48	12 27	2 25	3 50	0 23	20 7	1 23	23 20	0 41	13 46	2 40	22 44	0 41	14 54	1 34	20 8	17 28	21 17	21 27	25 27		n.a.
W28	1 55	24 30	4 16	11 47	2 22	4 21	0 20	20 17	1 23	23 19	0 41	13 47	2 40	22 44	0 41	14 54	1 34	20 9	17 28	21 18	21 28	25 26		n.a.
T 29	1 32	26 13	3 27	11 5	2 19	4 53	0 18	20 25	1 23	23 18	0 41	13 49	2 39	22 44	0 41	14 55	1 34	20 10	17 28	21 18	21 29	25 24		n.a.
F 30	1 9	26 15	2 26	10 21	2 15	5 24	0 15	20 34	1 23	23 17	0 41	13 50	2 39	22 44	0 41	14 55	1 34	20 10	17 28	21 19	21 29	25 23		n.a.
S 31	0s45	24n35	1n16	9s36	2s10	5n55	0s13	20n43	1n23	23s16	0s42	13n51	2n39	22n44	0n41	14n56	1s34	20n11	17n28	21s18	21s30	25s22		n.a.

Julian Day Number = 1272224.5, Delta T = 08h16m04s
Ecliptic obliquity = 23°50'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'59, Lahiri = -20°55'58 Julian Calendar 1 March 1230 BCE == Greg. Calendar 18 Feb. 1230 BCE

The year -1229 astronomical counting style corresponds to year 1230 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1230 BCE
geocentric

APRIL 1230 BCE (-1229) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 50 7	29♓ 5'31	25♋48	12♓45	16♈30	25♉44	18♑23	0°R43	21°R39	14♉23	19°R26	25°R59	24♑55	6♑11	n.a.	S 1
M 2	11 54 4	0♈ 3'16	9♌59	14°35	17°44	26°19	18°31	0♍40	21♋38	14°25	19♍24	25♑58	24°52	6°18	n.a.	M 2
T 3	11 58 0	1° 1'00	24° 7	16°28	18°57	26°54	18°40	0°36	21°38	14°27	19°23	25°55	24°49	6°24	n.a.	T 3
W 4	12 1 57	1°58'41	8♍10	18°22	20°10	27°30	18°48	0°32	21°38	14°28	19°21	25°50	24°46	6°31	n.a.	W 4
T 5	12 5 53	2°56'21	22° 4	20°19	21°24	28° 5	18°57	0°29	21°37	14°30	19°19	25°42	24°43	6°38	n.a.	T 5
F 6	12 9 50	3°53'59	5♎45	22°17	22°37	28°40	19° 5	0°25	21°37	14°32	19°18	25°32	24°39	6°44	n.a.	F 6
S 7	12 13 46	4°51'36	19°10	24°16	23°50	29°15	19°13	0°22	21°37	14°34	19°16	25°21	24°36	6°51	n.a.	S 7
S 8	12 17 43	5°49'11	2♏17	26°18	25° 3	29°51	19°21	0°19	21°37	14°36	19°15	25° 9	24°33	6°58	n.a.	S 8
M 9	12 21 39	6°46'45	15° 4	28°21	26°17	0♊26	19°29	0°15	21°37	14°37	19°13	24°59	24°30	7° 4	n.a.	M 9
T 10	12 25 36	7°44'18	27°33	0♈26	27°30	1° 1	19°36	0°12	21°36	14°39	19°11	24°51	24°27	7°11	n.a.	T 10
W11	12 29 33	8°41'50	9♐45	2°32	28°43	1°37	19°44	0° 9	21°D36	14°41	19°10	24°45	24°24	7°18	n.a.	W11
T 12	12 33 29	9°39'21	21°45	4°40	29°56	2°12	19°51	0° 6	21°36	14°43	19° 8	24°42	24°20	7°24	n.a.	T 12
F 13	12 37 26	10°36'51	3♑37	6°49	1♉ 9	2°48	19°59	0° 3	21°37	14°45	19° 7	24°41	24°17	7°31	n.a.	F 13
S 14	12 41 22	11°34'20	15°25	8°59	2°22	3°23	20° 6	0° 0	21°37	14°47	19° 5	24°D40	24°14	7°37	n.a.	S 14
S 15	12 45 19	12°31'47	27°16	11° 9	3°35	3°59	20°13	29♌58	21°37	14°49	19° 4	24°R41	24°11	7°44	n.a.	S 15
M16	12 49 15	13°29'14	9♒16	13°20	4°48	4°34	20°19	29°55	21°37	14°51	19° 2	24°40	24° 8	7°51	n.a.	M16
T 17	12 53 12	14°26'40	21°27	15°32	6° 1	5°10	20°26	29°52	21°38	14°53	19° 1	24°37	24° 4	7°57	n.a.	T 17
W18	12 57 8	15°24'05	3♓56	17°43	7°14	5°46	20°33	29°50	21°38	14°55	18°59	24°32	24° 1	8° 4	n.a.	W18
T 19	13 1 5	16°21'28	16°45	19°54	8°27	6°22	20°39	29°47	21°38	14°57	18°58	24°25	23°58	8°11	n.a.	T 19
F 20	13 5 2	17°18'51	29°56	22° 5	9°40	6°57	20°45	29°45	21°39	14°59	18°56	24°15	23°55	8°17	n.a.	F 20
S 21	13 8 58	18°16'13	13♈27	24°15	10°53	7°33	20°51	29°43	21°39	15° 1	18°55	24° 3	23°52	8°24	n.a.	S 21
S 22	13 12 55	19°13'34	27°17	26°23	12° 6	8° 9	20°57	29°41	21°40	15° 3	18°53	23°51	23°49	8°31	n.a.	S 22
M23	13 16 51	20°10'54	11♉22	28°31	13°19	8°45	21° 3	29°38	21°41	15° 5	18°52	23°40	23°45	8°37	n.a.	M23
T 24	13 20 48	21° 8'13	25°36	0♉37	14°32	9°21	21° 8	29°36	21°41	15° 7	18°51	23°31	23°42	8°44	n.a.	T 24
W25	13 24 44	22° 5'31	9♊54	2°41	15°44	9°57	21°14	29°35	21°42	15° 9	18°49	23°24	23°39	8°51	n.a.	W25
T 26	13 28 41	23° 2'48	24°13	4°43	16°57	10°33	21°19	29°33	21°43	15°11	18°48	23°20	23°36	8°57	n.a.	T 26
F 27	13 32 37	24° 0'03	8♋28	6°44	18°10	11° 9	21°24	29°31	21°44	15°13	18°47	23°18	23°33	9° 4	n.a.	F 27
S 28	13 36 34	24°57'18	22°37	8°42	19°23	11°45	21°29	29°29	21°45	15°15	18°45	23°18	23°30	9°11	n.a.	S 28
S 29	13 40 31	25°54'31	6♌40	10°38	20°35	12°21	21°33	29°28	21°45	15°17	18°44	23°18	23°26	9°17	n.a.	S 29
M30	13 44 27	26♈51'43	20♌35	12♉31	21♉48	12♊57	21♑38	29♌26	21♋46	15♉20	18♍43	23♑17	23♑23	9♑24	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s22	21n21	0n 1	8s49	2s 5	6n26	0s10	20n52	1n23	23s15	0s42	13n53	2n39	22n44	0n40	14n56	1s34	20n11	17n27	21s18	21s30	25s21		n.a.
M 2	0n 1	16 51	1s14	8 0	2 0	6 57	0 8	21 0	1 23	23 14	0 42	13 54	2 39	22 44	0 40	14 57	1 34	20 12	17 27	21 19	21 31	25 20		n.a.
T 3	0 25	11 27	2 24	7 10	1 54	7 28	0 5	21 9	1 23	23 13	0 42	13 55	2 39	22 44	0 40	14 57	1 34	20 12	17 27	21 19	21 31	25 19		n.a.
W 4	0 48	5 29	3 25	6 18	1 47	7 58	0 3	21 17	1 23	23 12	0 43	13 56	2 39	22 44	0 40	14 58	1 33	20 13	17 27	21 20	21 32	25 17		n.a.
T 5	1 11	0s40	4 12	5 25	1 40	8 29	0 0	21 25	1 23	23 11	0 43	13 57	2 39	22 44	0 40	14 58	1 33	20 13	17 27	21 22	21 33	25 16		n.a.
F 6	1 35	6 40	4 45	4 31	1 32	8 59	0n 2	21 33	1 23	23 10	0 43	13 58	2 39	22 44	0 40	14 59	1 33	20 14	17 27	21 24	21 33	25 15		n.a.
S 7	1 58	12 15	5 1	3 35	1 24	9 29	0 5	21 41	1 23	23 9	0 43	14 0	2 38	22 44	0 40	15 0	1 33	20 15	17 27	21 26	21 34	25 14		n.a.
S 8	2 21	17 9	5 0	2 39	1 15	9 58	0 8	21 49	1 23	23 8	0 44	14 1	2 38	22 44	0 40	15 0	1 33	20 15	17 26	21 28	21 34	25 13		n.a.
M 9	2 44	21 9	4 44	1 41	1 6	10 28	0 10	21 56	1 23	23 7	0 44	14 2	2 38	22 44	0 40	15 1	1 33	20 15	17 26	21 30	21 35	25 12		n.a.
T 10	3 7	24 5	4 15	0 41	0 57	10 57	0 13	22 4	1 23	23 6	0 44	14 3	2 38	22 44	0 40	15 1	1 33	20 16	17 26	21 31	21 35	25 10		n.a.
W11	3 30	25 49	3 35	0n18	0 47	11 26	0 15	22 11	1 23	23 6	0 44	14 4	2 38	22 44	0 40	15 2	1 33	20 16	17 26	21 32	21 36	25 9		n.a.
T 12	3 53	26 20	2 45	1 19	0 37	11 55	0 18	22 19	1 23	23 5	0 44	14 5	2 38	22 44	0 40	15 3	1 33	20 17	17 26	21 33	21 37	25 8		n.a.
F 13	4 16	25 37	1 49	2 20	0 27	12 23	0 21	22 26	1 23	23 4	0 45	14 6	2 38	22 44	0 40	15 3	1 33	20 17	17 25	21 33	21 37	25 7		n.a.
S 14	4 39	23 45	0 49	3 22	0 17	12 52	0 23	22 33	1 23	23 3	0 45	14 6	2 37	22 44	0 40	15 4	1 33	20 18	17 25	21 33	21 38	25 5		n.a.
S 15	5 2	20 50	0n14	4 24	0 6	13 19	0 26	22 40	1 23	23 2	0 45	14 7	2 37	22 44	0 40	15 4	1 33	20 18	17 25	21 33	21 38	25 4		n.a.
M16	5 25	17 1	1 17	5 25	0n 5	13 47	0 28	22 46	1 23	23 1	0 45	14 8	2 37	22 44	0 40	15 5	1 33	20 18	17 25	21 33	21 39	25 3		n.a.
T 17	5 47	12 26	2 17	6 27	0 15	14 14	0 31	22 53	1 23	23 1	0 46	14 9	2 37	22 44	0 40	15 6	1 33	20 19	17 24	21 34	21 39	25 2		n.a.
W18	6 10	7 15	3 12	7 28	0 26	14 41	0 33	22 59	1 23	23 0	0 46	14 10	2 37	22 44	0 40	15 6	1 33	20 19	17 24	21 34	21 40	25 0		n.a.
T 19	6 32	1 39	3 59	8 28	0 36	15 8	0 36	23 6	1 23	22 59	0 46	14 10	2 37	22 44	0 40	15 7	1 33	20 19	17 24	21 36	21 41	24 59		n.a.
F 20	6 55	4n 9	4 34	9 27	0 46	15 34	0 39	23 12	1 23	22 59	0 47	14 11	2 37	22 43	0 40	15 7	1 33	20 20	17 23	21 38	21 41	24 58		n.a.
S 21	7 17	9 55	4 56	10 25	0 56	15 59	0 41	23 18	1 23	22 58	0 47	14 12	2 36	22 43	0 40	15 8	1 33	20 20	17 23	21 40	21 42	24 57		n.a.
S 22	7 39	15 20	5 0	11 21	1 5	16 25	0 44	23 24	1 23	22 57	0 47	14 12	2 36	22 43	0 40	15 9	1 33	20 20	17 23	21 42	21 42	24 55		n.a.
M23	8 1	20 1	4 47	12 16	1 14	16 50	0 46	23 30	1 23	22 57	0 47	14 13	2 36	22 43	0 40	15 9	1 33	20 21	17 22	21 44	21 43	24 54		n.a.
T 24	8 23	23 36	4 15	13 10	1 22	17 14	0 49	23 35	1 23	22 56	0 48	14 13	2 36	22 43	0 40	15 10	1 33	20 21	17 22	21 45	21 43	24 53		n.a.
W25	8 45	25 44	3 28	14 1	1 30	17 38	0 51	23 41	1 23	22 55	0 48	14 14	2 36	22 43	0 40	15 11	1 33	20 21	17 22	21 47	21 44	24 51		n.a.
T 26	9 6	26 10	2 27	14 50	1 37	18 2	0 53	23 46	1 23	22 55	0 48	14 14	2 35	22 43	0 40	15 11	1 33	20 21	17 21	21 47	21 44	24 50		n.a.
F 27	9 28	24 52	1 18	15 37	1 44	18 25	0 56	23 51	1 23	22 54	0 48	14 15	2 35	22 42	0 40	15 12	1 33	20 21	17 21	21 48	21 45	24 49		n.a.
S 28	9 49	21 58	0 4	16 22	1 50	18 48	0 58	23 56	1 22	22 54	0 49	14 15	2 35	22 42	0 40	15 13	1 33	20 22	17 21	21 48	21 46	24 47		n.a.
S 29	10 10	17 47	1s10	17 5	1 56	19 10	1 1	24 1	1 22	22 53	0 49	14 16	2 35	22 42	0 40	15 13	1 33	20 22	17 20	21 48	21 46	24 46		n.a.
M30	10n31	12n41	2s19	17n46	2n 0	19n32	1n 3	24n 6	1n22	22s53	0s49	14n16	2n35	22n42	0n40	15n14	1s33	20n22	17n20	21s48	21s47	24s45		n.a.

Julian Day Number = 1272255.5, Delta T = 08h16m02s
Ecliptic obliquity = 23°50'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'54, Lahiri = -20°55'54 Julian Calendar 1 Apr. 1230 BCE == Greg. Calendar 21 March 1230 BCE

The year -1229 astronomical counting style corresponds to year 1230 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1230 BCE
geocentric

MAY 1230 BCE (-1229) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 48 24	27♈48'54	4♍23	14♉22	23♉ 1	13♊33	21♑42	29°R25	21♋48	15♉22	18°R42	23°R13	23♑20	9♑31	n.a.	T 1
W 2	13 52 20	28°46'04	18° 2	16°11	24°13	14° 9	21°46	29♌24	21°49	15°24	18♍40	23♑ 7	23°17	9°37	n.a.	W 2
T 3	13 56 17	29°43'13	1♎32	17°57	25°26	14°45	21°50	29°22	21°50	15°26	18°39	22°58	23°14	9°44	n.a.	T 3
F 4	14 0 13	0♉40'22	14°50	19°41	26°38	15°21	21°54	29°21	21°51	15°28	18°38	22°47	23°10	9°50	n.a.	F 4
S 5	14 4 10	1°37'30	27°54	21°22	27°51	15°58	21°58	29°20	21°52	15°30	18°37	22°35	23° 7	9°57	n.a.	S 5
S 6	14 8 6	2°34'37	10♏44	23° 1	29° 3	16°34	22° 1	29°19	21°54	15°33	18°36	22°22	23° 4	10° 4	n.a.	S 6
M 7	14 12 3	3°31'43	23°20	24°37	0♊16	17°10	22° 5	29°19	21°55	15°35	18°35	22°11	23° 1	10°10	n.a.	M 7
T 8	14 16 0	4°28'50	5♐40	26°10	1°28	17°47	22° 8	29°18	21°56	15°37	18°34	22° 2	22°58	10°17	n.a.	T 8
W 9	14 19 56	5°25'56	17°47	27°41	2°40	18°23	22°11	29°17	21°58	15°39	18°33	21°55	22°55	10°24	n.a.	W 9
T 10	14 23 53	6°23'02	29°44	29° 9	3°53	18°59	22°13	29°17	21°59	15°41	18°32	21°51	22°51	10°30	n.a.	T 10
F 11	14 27 49	7°20'07	11♑34	0♊35	5° 5	19°36	22°16	29°16	22° 1	15°44	18°31	21°49	22°48	10°37	n.a.	F 11
S 12	14 31 46	8°17'12	23°22	1°57	6°17	20°12	22°18	29°16	22° 2	15°46	18°30	21°D48	22°45	10°44	n.a.	S 12
S 13	14 35 42	9°14'18	5♒13	3°18	7°29	20°49	22°21	29°16	22° 4	15°48	18°29	21°R49	22°42	10°50	n.a.	S 13
M14	14 39 39	10°11'23	17°12	4°35	8°42	21°25	22°23	29°16	22° 6	15°50	18°28	21°48	22°39	10°57	n.a.	M14
T 15	14 43 36	11° 8'28	29°25	5°50	9°54	22° 2	22°24	29°D16	22° 8	15°52	18°27	21°47	22°36	11° 4	n.a.	T 15
W16	14 47 32	12° 5'33	11♓57	7° 1	11° 6	22°38	22°26	29°16	22° 9	15°55	18°26	21°43	22°32	11°10	n.a.	W16
T 17	14 51 29	13° 2'38	24°51	8°10	12°18	23°15	22°27	29°16	22°11	15°57	18°26	21°38	22°29	11°17	n.a.	T 17
F 18	14 55 25	13°59'44	8♈10	9°16	13°30	23°52	22°29	29°16	22°13	15°59	18°25	21°29	22°26	11°24	n.a.	F 18
S 19	14 59 22	14°56'49	21°54	10°19	14°42	24°28	22°30	29°17	22°15	16° 1	18°24	21°20	22°23	11°30	n.a.	S 19
S 20	15 3 18	15°53'54	6♉ 1	11°18	15°54	25° 5	22°31	29°17	22°17	16° 4	18°23	21°10	22°20	11°37	n.a.	S 20
M21	15 7 15	16°50'59	20°27	12°14	17° 6	25°42	22°31	29°18	22°19	16° 6	18°23	21° 0	22°16	11°44	n.a.	M21
T 22	15 11 11	17°48'05	5♊ 5	13° 7	18°18	26°19	22°32	29°18	22°21	16° 8	18°22	20°52	22°13	11°50	n.a.	T 22
W23	15 15 8	18°45'10	19°47	13°57	19°30	26°55	22°32	29°19	22°23	16°10	18°22	20°46	22°10	11°57	n.a.	W23
T 24	15 19 5	19°42'15	4♋28	14°43	20°42	27°32	22°R32	29°20	22°25	16°13	18°21	20°43	22° 7	12° 3	n.a.	T 24
F 25	15 23 1	20°39'20	19° 0	15°25	21°53	28° 9	22°32	29°21	22°28	16°15	18°20	20°D42	22° 4	12°10	n.a.	F 25
S 26	15 26 58	21°36'25	3♌20	16° 3	23° 5	28°46	22°32	29°22	22°30	16°17	18°20	20°43	22° 1	12°17	n.a.	S 26
S 27	15 30 54	22°33'30	17°27	16°38	24°17	29°23	22°31	29°23	22°32	16°19	18°19	20°R43	21°57	12°23	n.a.	S 27
M28	15 34 51	23°30'34	1♍18	17° 8	25°29	29°59	22°31	29°24	22°34	16°21	18°19	20°43	21°54	12°30	n.a.	M28
T 29	15 38 47	24°27'38	14°55	17°34	26°40	0♋37	22°30	29°26	22°37	16°24	18°19	20°41	21°51	12°37	n.a.	T 29
W30	15 42 44	25°24'43	28°18	17°56	27°52	1°14	22°29	29°27	22°39	16°26	18°18	20°37	21°48	12°43	n.a.	W30
T 31	15 46 41	26♉21'47	11♎27	18♊13	29♊ 3	1♋51	22♑27	29♌29	22♋42	16♉28	18♍18	20♑31	21♑45	12♑50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10n52	6n59	3s19	18n24	2n 4	19n53	1n 5	24n10	1n22	22s52	0s49	14n16	2n34	22n42	0n40	15n15	1s33	20n22	17n20	21s48	21s47	24s43			n.a.
W 2	11 13	1 2	4 7	18 59	2 8	20 14	1 7	24 15	1 22	22 52	0 50	14 17	2 34	22 42	0 40	15 15	1 33	20 22	17 19	21 49	21 48	24 42			n.a.
T 3	11 34	4s53	4 40	19 33	2 10	20 34	1 10	24 19	1 22	22 52	0 50	14 17	2 34	22 41	0 40	15 16	1 33	20 22	17 19	21 51	21 48	24 41			n.a.
F 4	11 54	10 30	4 58	20 4	2 12	20 54	1 12	24 23	1 22	22 51	0 50	14 17	2 34	22 41	0 39	15 16	1 32	20 22	17 18	21 53	21 49	24 39			n.a.
S 5	12 14	15 33	4 59	20 33	2 13	21 13	1 14	24 27	1 22	22 51	0 51	14 17	2 34	22 41	0 39	15 17	1 32	20 22	17 18	21 55	21 49	24 38			n.a.
S 6	12 34	19 48	4 46	20 59	2 14	21 31	1 16	24 30	1 22	22 51	0 51	14 17	2 33	22 41	0 39	15 18	1 32	20 22	17 17	21 57	21 50	24 37			n.a.
M 7	12 54	23 4	4 18	21 24	2 13	21 49	1 18	24 34	1 22	22 50	0 51	14 17	2 33	22 40	0 39	15 18	1 32	20 22	17 17	21 59	21 50	24 35			n.a.
T 8	13 14	25 12	3 39	21 46	2 12	22 6	1 20	24 37	1 22	22 50	0 51	14 18	2 33	22 40	0 39	15 19	1 32	20 23	17 17	22 0	21 51	24 34			n.a.
W 9	13 33	26 6	2 50	22 6	2 11	22 23	1 22	24 41	1 22	22 50	0 52	14 18	2 33	22 40	0 39	15 20	1 32	20 23	17 16	22 1	21 52	24 32			n.a.
T 10	13 52	25 45	1 54	22 24	2 8	22 39	1 24	24 44	1 21	22 50	0 52	14 18	2 33	22 40	0 39	15 20	1 32	20 22	17 16	22 2	21 52	24 31			n.a.
F 11	14 11	24 14	0 54	22 39	2 5	22 55	1 26	24 47	1 21	22 50	0 52	14 17	2 32	22 39	0 39	15 21	1 32	20 22	17 15	22 2	21 53	24 30			n.a.
S 12	14 30	21 39	0n 8	22 53	2 2	23 9	1 28	24 49	1 21	22 50	0 53	14 17	2 32	22 39	0 39	15 22	1 32	20 22	17 15	22 3	21 53	24 28			n.a.
S 13	14 49	18 8	1 11	23 5	1 57	23 24	1 29	24 52	1 21	22 49	0 53	14 17	2 32	22 39	0 39	15 22	1 32	20 22	17 14	22 2	21 54	24 27			n.a.
M14	15 7	13 52	2 11	23 15	1 52	23 37	1 31	24 54	1 21	22 49	0 53	14 17	2 32	22 38	0 39	15 23	1 32	20 22	17 14	22 3	21 54	24 25			n.a.
T 15	15 25	8 58	3 6	23 23	1 46	23 50	1 33	24 57	1 21	22 49	0 54	14 17	2 32	22 38	0 39	15 24	1 32	20 22	17 13	22 3	21 55	24 24			n.a.
W16	15 43	3 36	3 54	23 29	1 40	24 2	1 34	24 59	1 21	22 49	0 54	14 17	2 31	22 38	0 39	15 24	1 32	20 22	17 13	22 3	21 55	24 23			n.a.
T 17	16 1	2n 3	4 31	23 34	1 33	24 14	1 36	25 1	1 21	22 49	0 54	14 16	2 31	22 37	0 39	15 25	1 32	20 22	17 12	22 4	21 56	24 21			n.a.
F 18	16 18	7 48	4 55	23 37	1 25	24 25	1 37	25 2	1 21	22 50	0 54	14 16	2 31	22 37	0 39	15 26	1 32	20 22	17 12	22 6	21 56	24 20			n.a.
S 19	16 36	13 20	5 3	23 38	1 16	24 35	1 39	25 4	1 20	22 50	0 55	14 16	2 31	22 37	0 39	15 26	1 32	20 22	17 11	22 7	21 57	24 18			n.a.
S 20	16 52	18 21	4 53	23 37	1 7	24 44	1 40	25 5	1 20	22 50	0 55	14 15	2 30	22 36	0 39	15 27	1 32	20 21	17 11	22 9	21 57	24 17			n.a.
M21	17 9	22 24	4 25	23 36	0 58	24 53	1 41	25 6	1 20	22 50	0 55	14 15	2 30	22 36	0 39	15 28	1 32	20 21	17 10	22 10	21 58	24 15			n.a.
T 22	17 25	25 5	3 38	23 32	0 48	25 1	1 42	25 7	1 20	22 50	0 56	14 15	2 30	22 36	0 39	15 28	1 32	20 21	17 10	22 11	21 58	24 14			n.a.
W23	17 42	26 3	2 37	23 28	0 37	25 8	1 43	25 8	1 20	22 50	0 56	14 14	2 30	22 35	0 39	15 29	1 32	20 21	17 9	22 12	21 59	24 12			n.a.
T 24	17 57	25 12	1 26	23 22	0 25	25 15	1 45	25 9	1 20	22 51	0 56	14 14	2 30	22 35	0 39	15 30	1 32	20 21	17 9	22 13	21 59	24 11			n.a.
F 25	18 13	22 37	0 9	23 15	0 13	25 21	1 46	25 9	1 20	22 51	0 56	14 13	2 29	22 34	0 39	15 30	1 32	20 20	17 8	22 13	22 0	24 9			n.a.
S 26	18 28	18 39	1s 7	23 7	0 1	25 26	1 46	25 10	1 19	22 51	0 57	14 12	2 29	22 34	0 39	15 31	1 32	20 20	17 8	22 13	22 1	24 8			n.a.
S 27	18 43	13 40	2 18	22 57	0s12	25 30	1 47	25 10	1 19	22 52	0 57	14 12	2 29	22 34	0 39	15 32	1 32	20 20	17 7	22 13	22 1	24 6			n.a.
M28	18 58	8 5	3 20	22 47	0 25	25 34	1 48	25 10	1 19	22 52	0 57	14 11	2 29	22 33	0 39	15 32	1 32	20 19	17 6	22 13	22 2	24 5			n.a.
T 29	19 12	2 13	4 9	22 36	0 39	25 37	1 49	25 9	1 19	22 53	0 58	14 10	2 28	22 33	0 39	15 33	1 32	20 19	17 6	22 13	22 2	24 3			n.a.
W30	19 26	3s38	4 43	22 24	0 54	25 39	1 49	25 9	1 19	22 53	0 58	14 10	2 28	22 32	0 39	15 34	1 32	20 19	17 5	22 14	22 3	24 2			n.a.
T 31	19n40	9s14	5s 2	22n11	1s 8	25n40	1n50	25n 8	1n19	22s54	0s58	14n 9	2n28	22n32	0n39	15n34	1s32	20n18	17n 5	22s15	22s 3	24s 0			n.a.

Julian Day Number = 1272285.5, Delta T = 08h16m00s
Ecliptic obliquity = 23°50'31, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'50, Lahiri = -20°55'50 Julian Calendar 1 May 1230 BCE == Greg. Calendar 20 Apr. 1230 BCE

The year -1229 astronomical counting style corresponds to year 1230 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1230 BCE
geocentric

JUNE 1230 BCE (-1229) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 50 37	27♉18'51	24♎24	18♊26	0♋15	2♋28	22°R26	29♌30	22♋44	16♉30	18°R17	20°R23	21♂41	12♂57	n.a.	F 1
S 2	15 54 34	28°15'56	7♏ 8	18°34	1°26	3° 5	22♂24	29°32	22°47	16°32	18♍17	20♂14	21°38	13° 3	n.a.	S 2
S 3	15 58 30	29°13'01	19°40	18°R37	2°38	3°42	22°22	29°34	22°49	16°35	18°17	20° 5	21°35	13°10	n.a.	S 3
M 4	16 2 27	0♊10'06	2♐ 0	18°36	3°49	4°20	22°20	29°36	22°52	16°37	18°17	19°57	21°32	13°17	n.a.	M 4
T 5	16 6 23	1° 7'12	14°10	18°29	5° 0	4°57	22°18	29°38	22°54	16°39	18°16	19°50	21°29	13°23	n.a.	T 5
W 6	16 10 20	2° 4'18	26° 9	18°19	6°12	5°34	22°16	29°40	22°57	16°41	18°16	19°45	21°26	13°30	n.a.	W 6
T 7	16 14 16	3° 1'25	8♑ 2	18° 3	7°23	6°11	22°13	29°42	23° 0	16°43	18°16	19°42	21°22	13°37	n.a.	T 7
F 8	16 18 13	3°58'33	19°50	17°43	8°34	6°49	22°10	29°44	23° 3	16°46	18°16	19°D42	21°19	13°43	n.a.	F 8
S 9	16 22 10	4°55'41	1♒37	17°18	9°45	7°26	22° 8	29°47	23° 5	16°48	18°16	19°42	21°16	13°50	n.a.	S 9
S 10	16 26 6	5°52'50	13°27	16°50	10°56	8° 3	22° 4	29°49	23° 8	16°50	18°D16	19°44	21°13	13°56	n.a.	S 10
M11	16 30 3	6°50'00	25°26	16°18	12° 7	8°41	22° 1	29°52	23°11	16°52	18°16	19°45	21°10	14° 3	n.a.	M11
T 12	16 33 59	7°47'11	7♓38	15°43	13°18	9°18	21°58	29°54	23°14	16°54	18°16	19°R46	21° 7	14°10	n.a.	T 12
W13	16 37 56	8°44'23	20° 8	15° 5	14°29	9°56	21°54	29°57	23°17	16°56	18°16	19°45	21° 3	14°16	n.a.	W13
T 14	16 41 52	9°41'36	3♈ 1	14°25	15°40	10°33	21°50	29°59	23°20	16°58	18°16	19°43	21° 0	14°23	n.a.	T 14
F 15	16 45 49	10°38'50	16°20	13°43	16°51	11°11	21°46	0♍ 3	23°23	17° 0	18°16	19°39	20°57	14°30	n.a.	F 15
S 16	16 49 46	11°36'05	0♉ 6	13° 1	18° 1	11°48	21°42	0° 6	23°26	17° 2	18°17	19°34	20°54	14°36	n.a.	S 16
S 17	16 53 42	12°33'21	14°19	12°18	19°12	12°26	21°37	0° 9	23°29	17° 5	18°17	19°28	20°51	14°43	n.a.	S 17
M18	16 57 39	13°30'39	28°55	11°37	20°23	13° 4	21°33	0°12	23°32	17° 7	18°17	19°23	20°47	14°50	n.a.	M18
T 19	17 1 35	14°27'57	13♊48	10°56	21°33	13°41	21°28	0°15	23°35	17° 9	18°17	19°18	20°44	14°56	n.a.	T 19
W20	17 5 32	15°25'16	28°49	10°18	22°44	14°19	21°23	0°19	23°38	17°11	18°18	19°16	20°41	15° 3	n.a.	W20
T 21	17 9 28	16°22'37	13♋50	9°43	23°54	14°57	21°18	0°22	23°41	17°13	18°18	19°D14	20°38	15°10	n.a.	T 21
F 22	17 13 25	17°19'57	28°43	9°12	25° 5	15°35	21°13	0°26	23°45	17°15	18°18	19°14	20°35	15°16	n.a.	F 22
S 23	17 17 21	18°17'19	13♌20	8°45	26°15	16°12	21° 8	0°29	23°48	17°17	18°19	19°16	20°32	15°23	n.a.	S 23
S 24	17 21 18	19°14'42	27°39	8°22	27°25	16°50	21° 2	0°33	23°51	17°19	18°19	19°17	20°28	15°30	n.a.	S 24
M25	17 25 15	20°12'05	11♍36	8° 5	28°36	17°28	20°56	0°37	23°54	17°21	18°20	19°18	20°25	15°36	n.a.	M25
T 26	17 29 11	21° 9'29	25°12	7°54	29°46	18° 6	20°51	0°41	23°58	17°22	18°20	19°R18	20°22	15°43	n.a.	T 26
W27	17 33 8	22° 6'54	8♎28	7°D48	0♌56	18°44	20°45	0°44	24° 1	17°24	18°21	19°17	20°19	15°49	n.a.	W27
T 28	17 37 4	23° 4'19	21°26	7°49	2° 6	19°22	20°39	0°48	24° 4	17°26	18°21	19°15	20°16	15°56	n.a.	T 28
F 29	17 41 1	24° 1'46	4♏ 8	7°57	3°16	20° 0	20°32	0°52	24° 8	17°28	18°22	19°12	20°13	16° 3	n.a.	F 29
S 30	17 44 57	24♊59'14	16♏36	8♊11	4♌25	20♋38	20♂26	0♍57	24♋11	17♉30	18♍23	19♂ 8	20♂ 9	16♂ 9	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n53	14s20	5s 5	21n57	1s23	25n41	1n50	25n 8	1n18	22s54	0s59	14n 8	2n28	22n32	0n39	15n35	1s32	20n18	17n 4	22s16	22s 4	23s59		n.a.
S 2	20 6	18 44	4 53	21 43	1 38	25 41	1 51	25 7	1 18	22 55	0 59	14 7	2 28	22 31	0 39	15 35	1 32	20 18	17 4	22 17	22 4	23 57		n.a.
S 3	20 19	22 13	4 27	21 28	1 53	25 40	1 51	25 5	1 18	22 55	0 59	14 7	2 27	22 31	0 39	15 36	1 32	20 17	17 3	22 19	22 5	23 56		n.a.
M 4	20 32	24 38	3 48	21 13	2 8	25 38	1 51	25 4	1 18	22 56	0 59	14 6	2 27	22 30	0 39	15 37	1 32	20 17	17 2	22 20	22 5	23 54		n.a.
T 5	20 44	25 51	3 0	20 57	2 23	25 36	1 51	25 3	1 18	22 57	1 0	14 5	2 27	22 30	0 39	15 37	1 32	20 16	17 2	22 21	22 6	23 53		n.a.
W 6	20 55	25 51	2 4	20 41	2 38	25 33	1 51	25 1	1 18	22 57	1 0	14 4	2 27	22 29	0 39	15 38	1 32	20 16	17 1	22 22	22 6	23 51		n.a.
T 7	21 7	24 38	1 3	20 25	2 53	25 29	1 51	24 59	1 17	22 58	1 0	14 3	2 27	22 29	0 39	15 39	1 32	20 15	17 1	22 22	22 7	23 50		n.a.
F 8	21 18	22 20	0n 1	20 9	3 7	25 25	1 51	24 57	1 17	22 59	1 1	14 2	2 26	22 28	0 39	15 39	1 32	20 15	17 0	22 22	22 7	23 48		n.a.
S 9	21 29	19 6	1 4	19 53	3 21	25 19	1 51	24 55	1 17	23 0	1 1	14 1	2 26	22 28	0 39	15 40	1 32	20 14	17 0	22 22	22 8	23 46		n.a.
S 10	21 39	15 4	2 5	19 38	3 34	25 13	1 51	24 52	1 17	23 0	1 1	14 0	2 26	22 27	0 39	15 40	1 32	20 14	16 59	22 22	22 8	23 45		n.a.
M11	21 49	10 24	3 2	19 23	3 46	25 7	1 50	24 50	1 17	23 1	1 2	13 59	2 26	22 27	0 39	15 41	1 32	20 13	16 58	22 22	22 9	23 43		n.a.
T 12	21 59	5 17	3 51	19 8	3 57	24 59	1 50	24 47	1 17	23 2	1 2	13 57	2 25	22 26	0 39	15 42	1 32	20 13	16 58	22 22	22 9	23 42		n.a.
W13	22 8	0n10	4 31	18 54	4 7	24 51	1 49	24 44	1 16	23 3	1 2	13 56	2 25	22 26	0 39	15 42	1 32	20 12	16 57	22 22	22 10	23 40		n.a.
T 14	22 17	5 46	4 58	18 41	4 15	24 42	1 49	24 41	1 16	23 4	1 2	13 55	2 25	22 25	0 38	15 43	1 32	20 12	16 57	22 22	22 10	23 38		n.a.
F 15	22 25	11 17	5 11	18 29	4 22	24 33	1 48	24 37	1 16	23 5	1 3	13 54	2 25	22 25	0 38	15 43	1 32	20 11	16 56	22 23	22 11	23 37		n.a.
S 16	22 33	16 27	5 6	18 19	4 28	24 22	1 47	24 34	1 16	23 6	1 3	13 52	2 25	22 24	0 38	15 44	1 32	20 10	16 55	22 23	22 11	23 35		n.a.
S 17	22 41	20 53	4 43	18 9	4 32	24 11	1 46	24 30	1 16	23 7	1 3	13 51	2 24	22 23	0 38	15 45	1 32	20 10	16 55	22 24	22 12	23 34		n.a.
M18	22 48	24 10	4 0	18 1	4 34	24 0	1 45	24 26	1 15	23 8	1 4	13 50	2 24	22 23	0 38	15 45	1 32	20 9	16 54	22 25	22 12	23 32		n.a.
T 19	22 55	25 51	3 2	17 55	4 35	23 48	1 44	24 22	1 15	23 9	1 4	13 48	2 24	22 22	0 38	15 46	1 32	20 8	16 54	22 25	22 13	23 30		n.a.
W20	23 2	25 40	1 49	17 51	4 34	23 35	1 43	24 18	1 15	23 10	1 4	13 47	2 24	22 22	0 38	15 46	1 32	20 8	16 53	22 26	22 13	23 29		n.a.
T 21	23 8	23 36	0 30	17 49	4 31	23 21	1 42	24 14	1 15	23 11	1 4	13 46	2 24	22 21	0 38	15 47	1 32	20 7	16 53	22 26	22 14	23 27		n.a.
F 22	23 14	19 55	0s52	17 48	4 27	23 7	1 40	24 9	1 15	23 12	1 5	13 44	2 23	22 21	0 38	15 47	1 32	20 6	16 52	22 26	22 14	23 25		n.a.
S 23	23 19	15 3	2 8	17 50	4 21	22 52	1 39	24 4	1 14	23 13	1 5	13 43	2 23	22 20	0 38	15 48	1 32	20 6	16 51	22 26	22 15	23 24		n.a.
S 24	23 24	9 27	3 15	17 54	4 14	22 37	1 37	23 59	1 14	23 14	1 5	13 41	2 23	22 19	0 38	15 48	1 32	20 5	16 51	22 26	22 15	23 22		n.a.
M25	23 28	3 30	4 9	18 0	4 5	22 21	1 35	23 54	1 14	23 15	1 5	13 40	2 23	22 19	0 38	15 49	1 32	20 4	16 50	22 26	22 16	23 21		n.a.
T 26	23 32	2s26	4 47	18 8	3 55	22 4	1 34	23 49	1 14	23 17	1 6	13 38	2 23	22 18	0 38	15 50	1 32	20 3	16 50	22 26	22 16	23 19		n.a.
W27	23 36	8 7	5 8	18 18	3 44	21 47	1 32	23 43	1 13	23 18	1 6	13 37	2 22	22 18	0 38	15 50	1 33	20 3	16 49	22 26	22 17	23 17		n.a.
T 28	23 39	13 20	5 14	18 30	3 32	21 29	1 30	23 37	1 13	23 19	1 6	13 35	2 22	22 17	0 38	15 51	1 33	20 2	16 48	22 26	22 17	23 16		n.a.
F 29	23 42	17 51	5 4	18 44	3 19	21 11	1 28	23 32	1 13	23 20	1 6	13 33	2 22	22 16	0 38	15 51	1 33	20 1	16 48	22 26	22 18	23 14		n.a.
S 30	23n45	21s31	4s39	18n59	3s 5	20n52	1n26	23n25	1n13	23s21	1s 7	13n32	2n22	22n16	0n38	15n52	1s33	20n 0	16n47	22s27	22s18	23s12		n.a.

Julian Day Number = 1272316.5, Delta T = 08h15m59s
Ecliptic obliquity = 23°50'30, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'46, Lahiri = -20°55'46 Julian Calendar 1 June 1230 BCE == Greg. Calendar 21 May 1230 BCE

The year -1229 astronomical counting style corresponds to year 1230 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1230 BCE
geocentric

JULY 1230 BCE (-1229) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 48 54	25♊56'43	28♏52	8♊31	5♌35	21♋16	20°R20	1♍ 1	24♋15	17♉32	18♍23	19°R 4	20♂ 6	16♂16	n.a.	S 1
M 2	17 52 51	26°54'13	10♐59	8°59	6°45	21°54	20♂13	1° 5	24°18	17°34	18°24	19♂ 1	20° 3	16°23	n.a.	M 2
T 3	17 56 47	27°51'45	22°58	9°33	7°54	22°32	20° 6	1° 9	24°22	17°36	18°25	18°58	20° 0	16°29	n.a.	T 3
W 4	18 0 44	28°49'17	4♂50	10°14	9° 4	23°11	20° 0	1°14	24°25	17°37	18°26	18°57	19°57	16°36	n.a.	W 4
T 5	18 4 40	29°46'52	16°39	11° 2	10°13	23°49	19°53	1°18	24°29	17°39	18°27	18°D56	19°53	16°43	n.a.	T 5
F 6	18 8 37	0♋44'27	28°26	11°56	11°22	24°27	19°46	1°23	24°32	17°41	18°27	18°56	19°50	16°49	n.a.	F 6
S 7	18 12 33	1°42'04	10♒14	12°57	12°32	25° 5	19°39	1°28	24°36	17°43	18°28	18°57	19°47	16°56	n.a.	S 7
S 8	18 16 30	2°39'43	22° 7	14° 3	13°41	25°44	19°31	1°32	24°39	17°44	18°29	18°58	19°44	17° 3	n.a.	S 8
M 9	18 20 26	3°37'23	4♓ 8	15°16	14°50	26°22	19°24	1°37	24°43	17°46	18°30	19° 0	19°41	17° 9	n.a.	M 9
T 10	18 24 23	4°35'06	16°21	16°34	15°59	27° 1	19°17	1°42	24°46	17°48	18°31	19° 1	19°38	17°16	n.a.	T 10
W11	18 28 20	5°32'49	28°50	17°58	17° 8	27°39	19° 9	1°47	24°50	17°49	18°32	19° 2	19°34	17°23	n.a.	W11
T 12	18 32 16	6°30'35	11♈40	19°27	18°16	28°18	19° 2	1°52	24°54	17°51	18°33	19°R 2	19°31	17°29	n.a.	T 12
F 13	18 36 13	7°28'23	24°53	21° 0	19°25	28°56	18°54	1°57	24°57	17°52	18°34	19° 1	19°28	17°36	n.a.	F 13
S 14	18 40 9	8°26'12	8♉33	22°38	20°34	29°35	18°47	2° 2	25° 1	17°54	18°35	19° 0	19°25	17°42	n.a.	S 14
S 15	18 44 6	9°24'04	22°40	24°20	21°42	0♌13	18°39	2° 7	25° 5	17°56	18°37	18°59	19°22	17°49	n.a.	S 15
M16	18 48 2	10°21'57	7♊12	26° 5	22°50	0°52	18°31	2°13	25° 8	17°57	18°38	18°58	19°19	17°56	n.a.	M16
T 17	18 51 59	11°19'53	22° 5	27°53	23°59	1°31	18°24	2°18	25°12	17°59	18°39	18°57	19°15	18° 2	n.a.	T 17
W18	18 55 55	12°17'50	7♋12	29°44	25° 7	2° 9	18°16	2°23	25°16	18° 0	18°40	18°57	19°12	18° 9	n.a.	W18
T 19	18 59 52	13°15'49	22°24	1♌36	26°15	2°48	18° 8	2°29	25°19	18° 2	18°42	18°D57	19° 9	18°16	n.a.	T 19
F 20	19 3 49	14°13'49	7♌31	3°31	27°23	3°27	18° 0	2°34	25°23	18° 3	18°43	18°57	19° 6	18°22	n.a.	F 20
S 21	19 7 45	15°11'52	22°24	5°27	28°30	4° 6	17°52	2°40	25°27	18° 4	18°44	18°57	19° 3	18°29	n.a.	S 21
S 22	19 11 42	16° 9'55	6♍57	7°24	29°38	4°45	17°44	2°45	25°31	18° 6	18°46	18°58	18°59	18°36	n.a.	S 22
M23	19 15 38	17° 8'00	21° 7	9°21	0♍46	5°24	17°36	2°51	25°34	18° 7	18°47	18°58	18°56	18°42	n.a.	M23
T 24	19 19 35	18° 6'07	4♎50	11°19	1°53	6° 3	17°28	2°57	25°38	18° 8	18°48	18°58	18°53	18°49	n.a.	T 24
W25	19 23 31	19° 4'16	18° 8	13°17	3° 0	6°42	17°20	3° 2	25°42	18°10	18°50	18°58	18°50	18°56	n.a.	W25
T 26	19 27 28	20° 2'25	1♏ 2	15°15	4° 7	7°21	17°12	3° 8	25°46	18°11	18°51	18°58	18°47	19° 2	n.a.	T 26
F 27	19 31 24	21° 0'37	13°37	17°13	5°14	8° 0	17° 5	3°14	25°49	18°12	18°53	18°58	18°44	19° 9	n.a.	F 27
S 28	19 35 21	21°58'50	25°56	19°10	6°21	8°39	16°57	3°20	25°53	18°13	18°54	18°58	18°40	19°15	n.a.	S 28
S 29	19 39 18	22°57'05	8♐ 2	21° 6	7°28	9°18	16°49	3°26	25°57	18°15	18°56	18°59	18°37	19°22	n.a.	S 29
M30	19 43 14	23°55'22	20° 0	23° 2	8°34	9°57	16°41	3°32	26° 1	18°16	18°57	18°59	18°34	19°29	n.a.	M30
T 31	19 47 11	24♋53'41	1♂51	24♋56	9♍41	10♌37	16♂33	3♍38	26♋ 5	18♉17	18♍59	19♂ 0	18♂31	19♂35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n47	24s10	4s 2	19n17	2s51	20n32	1n23	23n19	1n12	23s23	1s 7	13n30	2n22	22n15	0n38	15n52	1s33	20n 0	16n47	22s28	22s18	23s10			n.a.
M 2	23 48	25 40	3 14	19 36	2 36	20 12	1 21	23 13	1 12	23 24	1 7	13 28	2 22	22 15	0 38	15 53	1 33	19 59	16 46	22 28	22 19	23 9			n.a.
T 3	23 49	25 57	2 19	19 56	2 21	19 52	1 19	23 6	1 12	23 25	1 7	13 26	2 21	22 14	0 38	15 53	1 33	19 58	16 45	22 28	22 19	23 7			n.a.
W 4	23 50	25 2	1 17	20 17	2 6	19 31	1 16	22 59	1 12	23 26	1 8	13 25	2 21	22 13	0 38	15 54	1 33	19 57	16 45	22 29	22 20	23 5			n.a.
T 5	23 50	23 0	0 13	20 39	1 51	19 9	1 14	22 53	1 12	23 27	1 8	13 23	2 21	22 13	0 38	15 54	1 33	19 56	16 44	22 29	22 20	23 4			n.a.
F 6	23 50	19 58	0n52	21 2	1 35	18 47	1 11	22 45	1 11	23 29	1 8	13 21	2 21	22 12	0 38	15 54	1 33	19 55	16 44	22 29	22 21	23 2			n.a.
S 7	23 50	16 7	1 55	21 25	1 20	18 25	1 8	22 38	1 11	23 30	1 8	13 19	2 21	22 11	0 38	15 55	1 33	19 54	16 43	22 29	22 21	23 0			n.a.
S 8	23 49	11 38	2 54	21 48	1 4	18 2	1 5	22 31	1 11	23 31	1 8	13 17	2 21	22 11	0 38	15 55	1 33	19 54	16 43	22 28	22 22	22 58			n.a.
M 9	23 47	6 40	3 45	22 11	0 50	17 39	1 2	22 23	1 10	23 33	1 9	13 15	2 20	22 10	0 38	15 56	1 33	19 53	16 42	22 28	22 22	22 57			n.a.
T 10	23 46	1 23	4 27	22 34	0 35	17 15	0 59	22 15	1 10	23 34	1 9	13 13	2 20	22 9	0 38	15 56	1 33	19 52	16 41	22 28	22 23	22 55			n.a.
W11	23 43	4n 4	4 58	22 56	0 21	16 51	0 56	22 7	1 10	23 35	1 9	13 12	2 20	22 9	0 38	15 57	1 33	19 51	16 41	22 28	22 23	22 53			n.a.
T 12	23 41	9 30	5 15	23 18	0 7	16 26	0 53	21 59	1 10	23 36	1 9	13 10	2 20	22 8	0 38	15 57	1 33	19 50	16 40	22 28	22 24	22 51			n.a.
F 13	23 38	14 40	5 16	23 38	0n 6	16 2	0 49	21 51	1 9	23 38	1 9	13 8	2 20	22 7	0 38	15 58	1 33	19 49	16 40	22 28	22 24	22 50			n.a.
S 14	23 34	19 18	4 59	23 56	0 18	15 36	0 46	21 42	1 9	23 39	1 10	13 6	2 20	22 7	0 38	15 58	1 33	19 48	16 39	22 28	22 25	22 48			n.a.
S 15	23 30	23 0	4 24	24 13	0 30	15 11	0 42	21 34	1 9	23 40	1 10	13 4	2 19	22 6	0 38	15 58	1 33	19 47	16 39	22 28	22 25	22 46			n.a.
M16	23 26	25 21	3 32	24 28	0 41	14 45	0 39	21 25	1 9	23 41	1 10	13 1	2 19	22 5	0 38	15 59	1 33	19 46	16 38	22 28	22 25	22 44			n.a.
T 17	23 21	26 0	2 24	24 40	0 51	14 18	0 35	21 16	1 8	23 43	1 10	12 59	2 19	22 5	0 38	15 59	1 33	19 45	16 38	22 29	22 26	22 43			n.a.
W18	23 16	24 43	1 5	24 51	1 0	13 52	0 31	21 7	1 8	23 44	1 10	12 57	2 19	22 4	0 38	16 0	1 33	19 44	16 37	22 29	22 26	22 41			n.a.
T 19	23 10	21 38	0s19	24 59	1 9	13 25	0 28	20 58	1 8	23 45	1 10	12 55	2 19	22 3	0 38	16 0	1 33	19 43	16 37	22 29	22 27	22 39			n.a.
F 20	23 4	17 4	1 41	25 4	1 16	12 57	0 24	20 48	1 7	23 46	1 11	12 53	2 19	22 3	0 38	16 0	1 33	19 42	16 36	22 29	22 27	22 37			n.a.
S 21	22 58	11 31	2 56	25 7	1 23	12 30	0 20	20 39	1 7	23 48	1 11	12 51	2 19	22 2	0 38	16 1	1 33	19 41	16 36	22 29	22 28	22 36			n.a.
S 22	22 51	5 27	3 57	25 7	1 29	12 2	0 16	20 29	1 7	23 49	1 11	12 49	2 19	22 1	0 38	16 1	1 33	19 40	16 35	22 28	22 28	22 34			n.a.
M23	22 43	0s43	4 41	25 4	1 34	11 34	0 11	20 19	1 7	23 50	1 11	12 46	2 18	22 0	0 38	16 1	1 33	19 39	16 34	22 28	22 29	22 32			n.a.
T 24	22 36	6 39	5 8	24 59	1 38	11 6	0 7	20 9	1 6	23 51	1 11	12 44	2 18	22 0	0 38	16 2	1 33	19 38	16 34	22 28	22 29	22 30			n.a.
W25	22 28	12 6	5 18	24 51	1 42	10 37	0 3	19 58	1 6	23 52	1 11	12 42	2 18	21 59	0 38	16 2	1 33	19 37	16 33	22 28	22 30	22 28			n.a.
T 26	22 19	16 52	5 11	24 41	1 44	10 8	0s 1	19 48	1 6	23 54	1 11	12 40	2 18	21 58	0 38	16 2	1 33	19 36	16 33	22 28	22 30	22 26			n.a.
F 27	22 10	20 47	4 49	24 28	1 46	9 39	0 6	19 38	1 5	23 55	1 11	12 37	2 18	21 58	0 38	16 3	1 33	19 35	16 32	22 28	22 30	22 25			n.a.
S 28	22 1	23 40	4 14	24 13	1 47	9 10	0 10	19 27	1 5	23 56	1 12	12 35	2 18	21 57	0 38	16 3	1 33	19 34	16 32	22 28	22 31	22 23			n.a.
S 29	21 51	25 27	3 29	23 56	1 48	8 41	0 15	19 16	1 5	23 57	1 12	12 33	2 18	21 56	0 38	16 3	1 33	19 33	16 32	22 28	22 31	22 21			n.a.
M30	21 41	26 1	2 34	23 37	1 48	8 11	0 20	19 5	1 4	23 58	1 12	12 31	2 18	21 55	0 38	16 4	1 34	19 32	16 31	22 28	22 32	22 19			n.a.
T 31	21n31	25s24	1s34	23n16	1n47	7n42	0s24	18n54	1n 4	23s59	1s12	12n28	2n17	21n55	0n38	16n 4	1s34	19n31	16n31	22s28	22s32	22s17			n.a.

Julian Day Number = 1272346.5, Delta T = 08h15m57s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'42, Lahiri = -20°55'42 Julian Calendar 1 July 1230 BCE == Greg. Calendar 20 June 1230 BCE

The year -1229 astronomical counting style corresponds to year 1230 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1230 BCE
geocentric

AUGUST 1230 BCE (-1229) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 51 7	25♋52'01	13♑39	26♋50	10♍47	11♌16	16°R26	3♍44	26♋ 8	18♉18	19♍ 1	19°R 0	18♑28	19♑42	n.a.	W 1
T 2	19 55 4	26°50'23	25°27	28°43	11°53	11°55	16♑18	3°50	26°12	18°19	19° 2	19♑ 0	18°25	19°49	n.a.	T 2
F 3	19 59 0	27°48'48	7♒16	0♌35	12°59	12°34	16°10	3°57	26°16	18°20	19° 4	18°59	18°21	19°55	n.a.	F 3
S 4	20 2 57	28°47'14	19°10	2°25	14° 4	13°14	16° 3	4° 3	26°20	18°21	19° 6	18°59	18°18	20° 2	n.a.	S 4
S 5	20 6 53	29°45'42	1♓10	4°15	15°10	13°53	15°55	4° 9	26°23	18°22	19° 8	18°57	18°15	20° 9	n.a.	S 5
M 6	20 10 50	0♌44'13	13°18	6° 3	16°15	14°33	15°48	4°15	26°27	18°23	19° 9	18°56	18°12	20°15	n.a.	M 6
T 7	20 14 46	1°42'46	25°37	7°51	17°20	15°12	15°41	4°22	26°31	18°24	19°11	18°54	18° 9	20°22	n.a.	T 7
W 8	20 18 43	2°41'21	8♈10	9°37	18°25	15°52	15°33	4°28	26°35	18°25	19°13	18°52	18° 5	20°29	n.a.	W 8
T 9	20 22 40	3°39'58	21° 0	11°23	19°30	16°32	15°26	4°35	26°39	18°26	19°15	18°51	18° 2	20°35	n.a.	T 9
F 10	20 26 36	4°38'38	4♉ 9	13° 7	20°34	17°11	15°19	4°41	26°42	18°26	19°17	18°D51	17°59	20°42	n.a.	F 10
S 11	20 30 33	5°37'20	17°40	14°50	21°39	17°51	15°12	4°48	26°46	18°27	19°18	18°51	17°56	20°49	n.a.	S 11
S 12	20 34 29	6°36'05	1♊35	16°32	22°43	18°31	15° 5	4°54	26°50	18°28	19°20	18°52	17°53	20°55	n.a.	S 12
M13	20 38 26	7°34'52	15°53	18°14	23°47	19°10	14°58	5° 1	26°54	18°29	19°22	18°53	17°50	21° 2	n.a.	M13
T 14	20 42 22	8°33'42	0♋33	19°54	24°50	19°50	14°52	5° 8	26°57	18°29	19°24	18°55	17°46	21° 8	n.a.	T 14
W15	20 46 19	9°32'34	15°30	21°33	25°54	20°30	14°45	5°14	27° 1	18°30	19°26	18°R55	17°43	21°15	n.a.	W15
T 16	20 50 15	10°31'28	0♌36	23°11	26°57	21°10	14°39	5°21	27° 5	18°31	19°28	18°55	17°40	21°22	n.a.	T 16
F 17	20 54 12	11°30'24	15°43	24°48	28° 0	21°50	14°33	5°28	27° 9	18°31	19°30	18°53	17°37	21°28	n.a.	F 17
S 18	20 58 9	12°29'23	0♍43	26°25	29° 2	22°30	14°26	5°34	27°12	18°32	19°32	18°51	17°34	21°35	n.a.	S 18
S 19	21 2 5	13°28'23	15°25	28° 0	0♎ 5	23°10	14°20	5°41	27°16	18°32	19°34	18°48	17°31	21°42	n.a.	S 19
M20	21 6 2	14°27'26	29°44	29°35	1° 7	23°50	14°15	5°48	27°20	18°33	19°36	18°44	17°27	21°48	n.a.	M20
T 21	21 9 58	15°26'30	13♎37	1♍ 8	2° 8	24°30	14° 9	5°55	27°23	18°33	19°39	18°41	17°24	21°55	n.a.	T 21
W22	21 13 55	16°25'36	27° 1	2°41	3°10	25°11	14° 3	6° 2	27°27	18°34	19°41	18°38	17°21	22° 2	n.a.	W22
T 23	21 17 51	17°24'45	9♏59	4°13	4°11	25°51	13°58	6° 9	27°30	18°34	19°43	18°37	17°18	22° 8	n.a.	T 23
F 24	21 21 48	18°23'55	22°34	5°43	5°12	26°31	13°53	6°16	27°34	18°34	19°45	18°D37	17°15	22°15	n.a.	F 24
S 25	21 25 44	19°23'07	4♐50	7°13	6°12	27°11	13°48	6°23	27°38	18°35	19°47	18°37	17°11	22°22	n.a.	S 25
S 26	21 29 41	20°22'21	16°52	8°43	7°12	27°52	13°43	6°29	27°41	18°35	19°49	18°39	17° 8	22°28	n.a.	S 26
M27	21 33 37	21°21'37	28°45	10°11	8°12	28°32	13°38	6°36	27°45	18°35	19°51	18°41	17° 5	22°35	n.a.	M27
T 28	21 37 34	22°20'55	10♑33	11°38	9°12	29°12	13°33	6°43	27°48	18°36	19°54	18°42	17° 2	22°42	n.a.	T 28
W29	21 41 31	23°20'15	22°20	13° 4	10°11	29°53	13°29	6°50	27°52	18°36	19°56	18°R42	16°59	22°48	n.a.	W29
T 30	21 45 27	24°19'37	4♒10	14°30	11° 9	0♍34	13°25	6°58	27°55	18°36	19°58	18°41	16°56	22°55	n.a.	T 30
F 31	21 49 24	25♌19'01	16♒ 5	15♍54	12♎ 7	1♍14	13♑21	7♍ 5	27♋59	18♉36	20♍ 0	18♑38	16♑52	23♑ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21n20	23s37	0s30	22n53	1n46	7n12	0s29	18n43	1n 4	24s 0	1s12	12n26	2n17	21n54	0n38	16n 4	1s34	19n30	16n30	22s28	22s33	22s15			n.a.
T 2	21 8	20 49	0n36	22 28	1 44	6 42	0 34	18 31	1 4	24 1	1 12	12 23	2 17	21 53	0 38	16 4	1 34	19 28	16 30	22 28	22 33	22 14			n.a.
F 3	20 57	17 9	1 40	22 2	1 42	6 12	0 39	18 20	1 3	24 2	1 12	12 21	2 17	21 53	0 38	16 5	1 34	19 27	16 29	22 28	22 34	22 12			n.a.
S 4	20 45	12 48	2 40	21 34	1 40	5 42	0 44	18 8	1 3	24 3	1 12	12 19	2 17	21 52	0 38	16 5	1 34	19 26	16 29	22 28	22 34	22 10			n.a.
S 5	20 32	7 56	3 33	21 5	1 36	5 11	0 49	17 56	1 3	24 4	1 12	12 16	2 17	21 51	0 38	16 5	1 34	19 25	16 28	22 29	22 34	22 8			n.a.
M 6	20 20	2 43	4 18	20 34	1 33	4 41	0 54	17 44	1 2	24 5	1 12	12 14	2 17	21 50	0 38	16 5	1 34	19 24	16 28	22 29	22 35	22 6			n.a.
T 7	20 7	2n40	4 51	20 3	1 29	4 11	0 59	17 32	1 2	24 6	1 12	12 11	2 17	21 50	0 38	16 5	1 34	19 23	16 27	22 29	22 35	22 4			n.a.
W 8	19 53	8 2	5 11	19 30	1 25	3 40	1 4	17 20	1 2	24 7	1 12	12 9	2 17	21 49	0 38	16 6	1 34	19 22	16 27	22 29	22 36	22 2			n.a.
T 9	19 40	13 12	5 16	18 56	1 20	3 10	1 9	17 7	1 1	24 8	1 12	12 6	2 17	21 48	0 38	16 6	1 34	19 21	16 27	22 29	22 36	22 0			n.a.
F 10	19 25	17 53	5 5	18 22	1 15	2 39	1 15	16 55	1 1	24 9	1 12	12 4	2 17	21 48	0 38	16 6	1 34	19 20	16 26	22 29	22 37	21 59			n.a.
S 11	19 11	21 49	4 38	17 46	1 10	2 9	1 20	16 42	1 1	24 10	1 13	12 1	2 16	21 47	0 38	16 6	1 34	19 18	16 26	22 29	22 37	21 57			n.a.
S 12	18 56	24 37	3 53	17 10	1 5	1 38	1 25	16 29	1 0	24 10	1 13	11 59	2 16	21 46	0 38	16 6	1 34	19 17	16 25	22 29	22 37	21 55			n.a.
M13	18 41	25 56	2 53	16 33	0 59	1 8	1 31	16 16	1 0	24 11	1 13	11 56	2 16	21 45	0 38	16 7	1 34	19 16	16 25	22 29	22 38	21 53			n.a.
T 14	18 25	25 30	1 40	15 56	0 53	0 37	1 36	16 3	0 59	24 12	1 13	11 54	2 16	21 45	0 38	16 7	1 34	19 15	16 25	22 29	22 38	21 51			n.a.
W15	18 10	23 14	0 19	15 18	0 47	0 6	1 42	15 50	0 59	24 13	1 13	11 51	2 16	21 44	0 38	16 7	1 34	19 14	16 24	22 29	22 39	21 49			n.a.
T 16	17 54	19 19	1s 4	14 40	0 41	0s24	1 47	15 36	0 59	24 13	1 13	11 49	2 16	21 43	0 38	16 7	1 34	19 13	16 24	22 29	22 39	21 47			n.a.
F 17	17 37	14 7	2 23	14 1	0 34	0 55	1 53	15 23	0 58	24 14	1 13	11 46	2 16	21 42	0 38	16 7	1 34	19 12	16 24	22 29	22 40	21 45			n.a.
S 18	17 20	8 8	3 30	13 21	0 28	1 25	1 58	15 9	0 58	24 15	1 13	11 43	2 16	21 42	0 38	16 7	1 34	19 11	16 23	22 29	22 40	21 43			n.a.
S 19	17 3	1 49	4 23	12 42	0 21	1 55	2 4	14 56	0 58	24 15	1 13	11 41	2 16	21 41	0 38	16 7	1 34	19 9	16 23	22 30	22 40	21 41			n.a.
M20	16 46	4s26	4 57	12 2	0 14	2 25	2 10	14 42	0 57	24 16	1 13	11 38	2 16	21 40	0 38	16 7	1 34	19 8	16 23	22 30	22 41	21 39			n.a.
T 21	16 29	10 15	5 13	11 22	0 7	2 56	2 15	14 28	0 57	24 17	1 13	11 36	2 16	21 40	0 38	16 8	1 34	19 7	16 22	22 31	22 41	21 37			n.a.
W22	16 11	15 24	5 11	10 42	0 0	3 26	2 21	14 14	0 57	24 17	1 13	11 33	2 16	21 39	0 38	16 8	1 35	19 6	16 22	22 31	22 42	21 35			n.a.
T 23	15 52	19 40	4 53	10 1	0s 7	3 55	2 27	14 0	0 56	24 18	1 12	11 30	2 16	21 38	0 38	16 8	1 35	19 5	16 22	22 31	22 42	21 33			n.a.
F 24	15 34	22 55	4 21	9 21	0 14	4 25	2 32	13 45	0 56	24 18	1 12	11 28	2 16	21 37	0 38	16 8	1 35	19 4	16 21	22 31	22 42	21 32			n.a.
S 25	15 15	25 1	3 38	8 40	0 21	4 55	2 38	13 31	0 55	24 19	1 12	11 25	2 16	21 37	0 38	16 8	1 35	19 2	16 21	22 31	22 43	21 30			n.a.
S 26	14 56	25 56	2 46	8 0	0 29	5 24	2 44	13 17	0 55	24 19	1 12	11 22	2 16	21 36	0 38	16 8	1 35	19 1	16 21	22 31	22 43	21 28			n.a.
M27	14 37	25 37	1 47	7 19	0 36	5 53	2 49	13 2	0 55	24 20	1 12	11 20	2 16	21 35	0 38	16 8	1 35	19 0	16 20	22 31	22 44	21 26			n.a.
T 28	14 18	24 9	0 45	6 39	0 43	6 23	2 55	12 47	0 54	24 20	1 12	11 17	2 16	21 35	0 39	16 8	1 35	18 59	16 20	22 31	22 44	21 24			n.a.
W29	13 58	21 38	0n20	5 59	0 51	6 51	3 1	12 32	0 54	24 21	1 12	11 14	2 16	21 34	0 39	16 8	1 35	18 58	16 20	22 31	22 45	21 22			n.a.
T 30	13 38	18 11	1 23	5 19	0 58	7 20	3 6	12 17	0 53	24 21	1 12	11 12	2 16	21 33	0 39	16 8	1 35	18 57	16 20	22 31	22 45	21 20			n.a.
F 31	13n18	14s 0	2n24	4n39	1s 5	7s48	3s12	12n 2	0n53	24s21	1s12	11n 9	2n16	21n33	0n39	16n 8	1s35	18n56	16n19	22s31	22s45	21s18			n.a.

Julian Day Number = 1272377.5, Delta T = 08h15m55s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'38, Lahiri = -20°55'37 Julian Calendar 1 Aug. 1230 BCE == Greg. Calendar 21 July 1230 BCE

The year -1229 astronomical counting style corresponds to year 1230 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1230 BCE
geocentric

SEPTEMBER 1230 BCE (-1229) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 53 20	26♌18'27	28♒ 7	17♍18	13♎ 5	1♍55	13°R17	7♍12	28♋ 2	18♉36	20♍ 3	18°R33	16♂49	23♂ 8	n.a.	S 1
S 2	21 57 17	27°17'56	10♓19	18°40	14° 2	2°35	13♂13	7°19	28° 6	18°36	20° 5	18♂27	16°46	23°15	n.a.	S 2
M 3	22 1 13	28°17'26	22°41	20° 2	14°59	3°16	13°10	7°26	28° 9	18°R36	20° 7	18°20	16°43	23°21	n.a.	M 3
T 4	22 5 10	29°16'59	5♈14	21°22	15°56	3°57	13° 6	7°33	28°13	18°36	20°10	18°12	16°40	23°28	n.a.	T 4
W 5	22 9 6	0♍16'34	17°59	22°41	16°52	4°38	13° 3	7°40	28°16	18°36	20°12	18° 6	16°36	23°35	n.a.	W 5
T 6	22 13 3	1°16'12	0♉58	23°59	17°47	5°18	13° 0	7°47	28°19	18°36	20°14	18° 0	16°33	23°41	n.a.	T 6
F 7	22 16 59	2°15'52	14°10	25°16	18°42	5°59	12°57	7°54	28°23	18°36	20°17	17°57	16°30	23°48	n.a.	F 7
S 8	22 20 56	3°15'34	27°39	26°31	19°36	6°40	12°55	8° 1	28°26	18°36	20°19	17°D55	16°27	23°55	n.a.	S 8
S 9	22 24 53	4°15'19	11♊24	27°45	20°30	7°21	12°52	8° 9	28°29	18°36	20°21	17°55	16°24	24° 1	n.a.	S 9
M10	22 28 49	5°15'07	25°27	28°57	21°23	8° 2	12°50	8°16	28°32	18°35	20°24	17°56	16°21	24° 8	n.a.	M10
T 11	22 32 46	6°14'57	9♋47	0♎ 7	22°15	8°43	12°48	8°23	28°36	18°35	20°26	17°57	16°17	24°15	n.a.	T 11
W12	22 36 42	7°14'49	24°23	1°15	23° 7	9°25	12°46	8°30	28°39	18°35	20°28	17°R57	16°14	24°21	n.a.	W12
T 13	22 40 39	8°14'43	9♌10	2°22	23°58	10° 6	12°45	8°37	28°42	18°35	20°31	17°55	16°11	24°28	n.a.	T 13
F 14	22 44 35	9°14'40	24° 1	3°26	24°49	10°47	12°44	8°44	28°45	18°34	20°33	17°51	16° 8	24°35	n.a.	F 14
S 15	22 48 32	10°14'39	8♍50	4°27	25°39	11°28	12°42	8°51	28°48	18°34	20°36	17°45	16° 5	24°41	n.a.	S 15
S 16	22 52 28	11°14'40	23°28	5°26	26°28	12° 9	12°41	8°59	28°51	18°33	20°38	17°36	16° 2	24°48	n.a.	S 16
M17	22 56 25	12°14'42	7♎47	6°22	27°16	12°51	12°41	9° 6	28°54	18°33	20°40	17°27	15°58	24°54	n.a.	M17
T 18	23 0 22	13°14'47	21°43	7°14	28° 3	13°32	12°40	9°13	28°57	18°32	20°43	17°18	15°55	25° 1	n.a.	T 18
W19	23 4 18	14°14'54	5♏12	8° 3	28°50	14°14	12°40	9°20	29° 0	18°32	20°45	17°11	15°52	25° 8	n.a.	W19
T 20	23 8 15	15°15'02	18°14	8°47	29°36	14°55	12°D40	9°27	29° 3	18°31	20°48	17° 5	15°49	25°14	n.a.	T 20
F 21	23 12 11	16°15'12	0♐52	9°27	0♏20	15°37	12°40	9°34	29° 6	18°31	20°50	17° 1	15°46	25°21	n.a.	F 21
S 22	23 16 8	17°15'24	13° 9	10° 1	1° 4	16°18	12°40	9°42	29° 9	18°30	20°53	17°D 0	15°42	25°28	n.a.	S 22
S 23	23 20 4	18°15'38	25°11	10°30	1°47	17° 0	12°40	9°49	29°12	18°30	20°55	17° 0	15°39	25°34	n.a.	S 23
M24	23 24 1	19°15'53	7♑ 3	10°52	2°29	17°42	12°41	9°56	29°14	18°29	20°57	17° 1	15°36	25°41	n.a.	M24
T 25	23 27 57	20°16'10	18°51	11° 8	3° 9	18°23	12°42	10° 3	29°17	18°28	21° 0	17°R 1	15°33	25°48	n.a.	T 25
W26	23 31 54	21°16'29	0♒39	11°R16	3°49	19° 5	12°43	10°10	29°20	18°27	21° 2	17° 0	15°30	25°54	n.a.	W26
T 27	23 35 50	22°16'49	12°32	11°16	4°27	19°47	12°44	10°17	29°22	18°27	21° 5	16°57	15°27	26° 1	n.a.	T 27
F 28	23 39 47	23°17'11	24°33	11° 6	5° 4	20°29	12°46	10°24	29°25	18°26	21° 7	16°51	15°23	26° 8	n.a.	F 28
S 29	23 43 44	24°17'34	6♓46	10°48	5°40	21°11	12°47	10°31	29°28	18°25	21°10	16°42	15°20	26°14	n.a.	S 29
S 30	23 47 40	25♍18'00	19♓12	10♎20	6♏14	21♍53	12♂49	10♍38	29♋30	18♉24	21♍12	16♂31	15♂17	26♂21	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n57	9s14	3n18	3n59	1s13	8s17	3s18	11n47	0n53	24s22	1s12	11n 6	2n16	21n32	0n39	16n 8	1s35	18n55	16n19	22s32	22s46	21s16		n.a.
S 2	12 37	4 4	4 4	3 20	1 20	8 44	3 23	11 32	0 52	24 22	1 12	11 4	2 15	21 31	0 39	16 8	1 35	18 53	16 19	22 33	22 46	21 14		n.a.
M 3	12 16	1n19	4 39	2 41	1 27	9 12	3 29	11 17	0 52	24 22	1 12	11 1	2 15	21 31	0 39	16 8	1 35	18 52	16 19	22 34	22 47	21 12		n.a.
T 4	11 55	6 43	5 2	2 2	1 34	9 39	3 34	11 1	0 51	24 23	1 12	10 58	2 15	21 30	0 39	16 8	1 35	18 51	16 18	22 35	22 47	21 10		n.a.
W 5	11 34	11 55	5 9	1 24	1 41	10 6	3 40	10 46	0 51	24 23	1 12	10 55	2 15	21 29	0 39	16 8	1 35	18 50	16 18	22 36	22 47	21 8		n.a.
T 6	11 12	16 42	5 2	0 46	1 48	10 33	3 46	10 30	0 51	24 23	1 12	10 53	2 15	21 29	0 39	16 8	1 35	18 49	16 18	22 36	22 48	21 6		n.a.
F 7	10 51	20 46	4 38	0 9	1 55	11 0	3 51	10 14	0 50	24 23	1 12	10 50	2 15	21 28	0 39	16 8	1 35	18 48	16 18	22 37	22 48	21 4		n.a.
S 8	10 29	23 50	3 58	0s27	2 2	11 26	3 56	9 59	0 50	24 23	1 12	10 47	2 15	21 27	0 39	16 7	1 35	18 47	16 18	22 37	22 49	21 2		n.a.
S 9	10 7	25 34	3 4	1 3	2 8	11 51	4 2	9 43	0 49	24 23	1 11	10 45	2 15	21 27	0 39	16 7	1 35	18 46	16 17	22 37	22 49	21 0		n.a.
M10	9 45	25 44	1 59	1 38	2 15	12 17	4 7	9 27	0 49	24 24	1 11	10 42	2 16	21 26	0 39	16 7	1 35	18 44	16 17	22 37	22 49	20 58		n.a.
T 11	9 22	24 12	0 44	2 12	2 21	12 42	4 12	9 11	0 48	24 24	1 11	10 39	2 16	21 25	0 39	16 7	1 35	18 43	16 17	22 37	22 50	20 55		n.a.
W12	9 0	21 2	0s35	2 45	2 27	13 6	4 18	8 55	0 48	24 24	1 11	10 36	2 16	21 25	0 39	16 7	1 35	18 42	16 17	22 37	22 50	20 53		n.a.
T 13	8 37	16 28	1 52	3 17	2 32	13 31	4 23	8 38	0 47	24 24	1 11	10 34	2 16	21 24	0 39	16 7	1 36	18 41	16 17	22 37	22 51	20 51		n.a.
F 14	8 14	10 53	3 2	3 47	2 37	13 54	4 28	8 22	0 47	24 24	1 11	10 31	2 16	21 23	0 39	16 7	1 36	18 40	16 17	22 38	22 51	20 49		n.a.
S 15	7 51	4 42	3 59	4 17	2 42	14 18	4 33	8 6	0 47	24 24	1 11	10 28	2 16	21 23	0 39	16 7	1 36	18 39	16 17	22 39	22 51	20 47		n.a.
S 16	7 28	1s38	4 39	4 44	2 47	14 40	4 38	7 49	0 46	24 24	1 11	10 26	2 16	21 22	0 39	16 6	1 36	18 38	16 16	22 40	22 52	20 45		n.a.
M17	7 5	7 45	5 2	5 10	2 51	15 3	4 43	7 33	0 46	24 24	1 11	10 23	2 16	21 22	0 39	16 6	1 36	18 37	16 16	22 41	22 52	20 43		n.a.
T 18	6 41	13 18	5 5	5 35	2 54	15 25	4 47	7 16	0 45	24 24	1 11	10 20	2 16	21 21	0 39	16 6	1 36	18 36	16 16	22 42	22 52	20 41		n.a.
W19	6 18	18 2	4 51	5 57	2 57	15 46	4 52	7 0	0 45	24 24	1 10	10 17	2 16	21 20	0 39	16 6	1 36	18 35	16 16	22 43	22 53	20 39		n.a.
T 20	5 54	21 44	4 22	6 17	3 0	16 7	4 56	6 43	0 44	24 24	1 10	10 15	2 16	21 20	0 39	16 6	1 36	18 34	16 16	22 44	22 53	20 37		n.a.
F 21	5 31	24 17	3 41	6 34	3 1	16 27	5 1	6 26	0 44	24 24	1 10	10 12	2 16	21 19	0 39	16 6	1 36	18 33	16 16	22 44	22 54	20 35		n.a.
S 22	5 7	25 35	2 51	6 49	3 2	16 47	5 5	6 9	0 43	24 23	1 10	10 9	2 16	21 19	0 39	16 5	1 36	18 32	16 16	22 44	22 54	20 33		n.a.
S 23	4 43	25 39	1 54	7 0	3 2	17 6	5 9	5 52	0 43	24 23	1 10	10 7	2 16	21 18	0 39	16 5	1 36	18 30	16 16	22 44	22 54	20 31		n.a.
M24	4 19	24 32	0 53	7 8	3 1	17 25	5 13	5 35	0 42	24 23	1 10	10 4	2 16	21 18	0 39	16 5	1 36	18 29	16 16	22 44	22 55	20 29		n.a.
T 25	3 55	22 20	0n10	7 12	2 59	17 43	5 17	5 18	0 42	24 23	1 10	10 1	2 16	21 17	0 39	16 5	1 36	18 28	16 16	22 44	22 55	20 26		n.a.
W26	3 31	19 11	1 12	7 12	2 55	18 0	5 21	5 1	0 41	24 23	1 10	9 59	2 16	21 16	0 39	16 4	1 36	18 27	16 16	22 44	22 55	20 24		n.a.
T 27	3 7	15 14	2 12	7 8	2 50	18 17	5 24	4 44	0 41	24 22	1 10	9 56	2 16	21 16	0 39	16 4	1 36	18 26	16 16	22 45	22 56	20 22		n.a.
F 28	2 43	10 38	3 6	6 58	2 44	18 33	5 27	4 27	0 40	24 22	1 9	9 53	2 16	21 15	0 39	16 4	1 36	18 25	16 16	22 46	22 56	20 20		n.a.
S 29	2 18	5 35	3 52	6 44	2 36	18 48	5 30	4 10	0 40	24 22	1 9	9 51	2 16	21 15	0 39	16 4	1 36	18 24	16 16	22 47	22 57	20 18		n.a.
S 30	1n54	0s14	4n29	6s23	2s26	19s 3	5s33	3n53	0n39	24s22	1s 9	9n48	2n16	21n14	0n39	16n 3	1s36	18n23	16n16	22s48	22s57	20s16		n.a.

Julian Day Number = 1272408.5, Delta T = 08h15m54s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'34, Lahiri = -20°55'33 Julian Calendar 1 Sept. 1230 BCE == Greg. Calendar 21 Aug. 1230 BCE

The year -1229 astronomical counting style corresponds to year 1230 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1230 BCE
geocentric

OCTOBER 1230 BCE (-1229) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 51 37	26♍18'26	1♈52	9°R41	6♏47	22♍35	12♉51	10♍45	29♋33	18°R23	21♍15	16°R19	15♉14	26♉28	n.a.	M 1
T 2	23 55 33	27°18'55	14°45	8♎54	7°19	23°17	12°54	10°52	29°35	18♉22	21°17	16♉ 6	15°11	26°34	n.a.	T 2
W 3	23 59 30	28°19'26	27°51	7°56	7°49	23°59	12°56	10°59	29°37	18°21	21°19	15°54	15° 8	26°41	n.a.	W 3
T 4	0 3 26	29°19'58	11♉ 8	6°51	8°18	24°41	12°59	11° 6	29°40	18°20	21°22	15°44	15° 4	26°47	n.a.	T 4
F 5	0 7 23	0♎20'33	24°36	5°38	8°44	25°23	13° 2	11°13	29°42	18°19	21°24	15°37	15° 1	26°54	n.a.	F 5
S 6	0 11 19	1°21'09	8♊13	4°21	9°10	26° 5	13° 5	11°20	29°44	18°18	21°27	15°33	14°58	27° 1	n.a.	S 6
S 7	0 15 16	2°21'48	22° 0	3° 1	9°33	26°48	13° 8	11°27	29°47	18°17	21°29	15°31	14°55	27° 7	n.a.	S 7
M 8	0 19 13	3°22'28	5♋57	1°40	9°55	27°30	13°11	11°33	29°49	18°16	21°31	15°D30	14°52	27°14	n.a.	M 8
T 9	0 23 9	4°23'10	20° 3	0°22	10°15	28°12	13°15	11°40	29°51	18°15	21°34	15°R30	14°48	27°21	n.a.	T 9
W10	0 27 6	5°23'55	4♌17	29♍ 9	10°32	28°55	13°19	11°47	29°53	18°14	21°36	15°29	14°45	27°27	n.a.	W10
T 11	0 31 2	6°24'40	18°39	28° 4	10°48	29°37	13°23	11°54	29°55	18°13	21°39	15°26	14°42	27°34	n.a.	T 11
F 12	0 34 59	7°25'28	3♍ 5	27° 7	11° 2	0♎20	13°27	12° 0	29°57	18°12	21°41	15°20	14°39	27°41	n.a.	F 12
S 13	0 38 55	8°26'17	17°30	26°21	11°14	1° 2	13°32	12° 7	29°59	18°10	21°43	15°11	14°36	27°47	n.a.	S 13
S 14	0 42 52	9°27'08	1♎48	25°47	11°23	1°45	13°36	12°14	0♌ 1	18° 9	21°46	14°59	14°33	27°54	n.a.	S 14
M15	0 46 48	10°28'00	15°52	25°24	11°31	2°28	13°41	12°20	0° 3	18° 8	21°48	14°47	14°29	28° 1	n.a.	M15
T 16	0 50 45	11°28'54	29°39	25°13	11°36	3°10	13°46	12°27	0° 5	18° 7	21°50	14°34	14°26	28° 7	n.a.	T 16
W17	0 54 42	12°29'49	13♏ 3	25°D13	11°38	3°53	13°51	12°33	0° 6	18° 5	21°53	14°22	14°23	28°14	n.a.	W17
T 18	0 58 38	13°30'45	26° 4	25°23	11°R38	4°36	13°56	12°40	0° 8	18° 4	21°55	14°13	14°20	28°21	n.a.	T 18
F 19	1 2 35	14°31'42	8♐42	25°43	11°36	5°19	14° 2	12°46	0°10	18° 3	21°57	14° 7	14°17	28°27	n.a.	F 19
S 20	1 6 31	15°32'40	21° 1	26°13	11°32	6° 2	14° 8	12°53	0°11	18° 1	22° 0	14° 3	14°13	28°34	n.a.	S 20
S 21	1 10 28	16°33'40	3♑ 4	26°50	11°24	6°45	14°13	12°59	0°13	18° 0	22° 2	14° 2	14°10	28°40	n.a.	S 21
M22	1 14 24	17°34'40	14°57	27°34	11°15	7°28	14°19	13° 6	0°14	17°59	22° 4	14° 1	14° 7	28°47	n.a.	M22
T 23	1 18 21	18°35'41	26°45	28°25	11° 3	8°11	14°26	13°12	0°16	17°57	22° 7	14° 1	14° 4	28°54	n.a.	T 23
W24	1 22 17	19°36'43	8♒34	29°22	10°48	8°54	14°32	13°18	0°17	17°56	22° 9	14° 0	14° 1	29° 0	n.a.	W24
T 25	1 26 14	20°37'45	20°28	0♎23	10°31	9°37	14°38	13°24	0°18	17°54	22°11	13°57	13°58	29° 7	n.a.	T 25
F 26	1 30 11	21°38'49	2♓34	1°28	10°12	10°20	14°45	13°30	0°20	17°53	22°13	13°51	13°54	29°14	n.a.	F 26
S 27	1 34 7	22°39'53	14°54	2°37	9°50	11° 3	14°52	13°37	0°21	17°51	22°15	13°42	13°51	29°20	n.a.	S 27
S 28	1 38 4	23°40'58	27°32	3°50	9°26	11°47	14°59	13°43	0°22	17°50	22°18	13°31	13°48	29°27	n.a.	S 28
M29	1 42 0	24°42'04	10♈28	5° 5	9° 0	12°30	15° 6	13°49	0°23	17°48	22°20	13°18	13°45	29°34	n.a.	M29
T 30	1 45 57	25°43'11	23°42	6°22	8°32	13°13	15°14	13°55	0°24	17°47	22°22	13° 5	13°42	29°40	n.a.	T 30
W31	1 49 53	26♎44'18	7♉12	7♎41	8♏ 3	13♎57	15♉21	14♍ 0	0♌25	17♉45	22♍24	12♉52	13♉39	29♉47	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n30	5n12	4n52	5s58	2s15	19s17	5s36	3n35	0n39	24s21	1s 9	9n45	2n17	21n14	0n39	16n 3	1s36	18n23	16n16	22s50	22s57	20s14			n.a.
T 2	1 5	10 31	5 1	5 26	2 1	19 30	5 38	3 18	0 38	24 21	1 9	9 43	2 17	21 13	0 40	16 3	1 36	18 22	16 16	22 51	22 58	20 12			n.a.
W 3	0 41	15 28	4 55	4 49	1 46	19 42	5 41	3 1	0 38	24 20	1 9	9 40	2 17	21 13	0 40	16 2	1 36	18 21	16 16	22 53	22 58	20 10			n.a.
T 4	0 16	19 44	4 33	4 8	1 29	19 53	5 43	2 43	0 37	24 20	1 9	9 38	2 17	21 12	0 40	16 2	1 36	18 20	16 16	22 54	22 58	20 7			n.a.
F 5	0s 8	23 2	3 55	3 22	1 11	20 4	5 44	2 26	0 37	24 20	1 9	9 35	2 17	21 12	0 40	16 2	1 36	18 19	16 16	22 55	22 59	20 5			n.a.
S 6	0 33	25 4	3 4	2 33	0 51	20 14	5 46	2 8	0 36	24 19	1 8	9 32	2 17	21 12	0 40	16 2	1 36	18 18	16 16	22 55	22 59	20 3			n.a.
S 7	0 57	25 37	2 1	1 42	0 31	20 23	5 47	1 51	0 36	24 19	1 8	9 30	2 17	21 11	0 40	16 1	1 36	18 17	16 16	22 55	22 59	20 1			n.a.
M 8	1 22	24 33	0 50	0 50	0 10	20 30	5 48	1 33	0 35	24 18	1 8	9 27	2 17	21 11	0 40	16 1	1 36	18 16	16 16	22 55	23 0	19 59			n.a.
T 9	1 46	21 55	0s24	0n 0	0n10	20 37	5 48	1 15	0 35	24 18	1 8	9 25	2 17	21 10	0 40	16 1	1 37	18 15	16 16	22 55	23 0	19 57			n.a.
W10	2 11	17 56	1 38	0 48	0 30	20 43	5 48	0 58	0 34	24 17	1 8	9 22	2 17	21 10	0 40	16 0	1 37	18 14	16 16	22 55	23 1	19 54			n.a.
T 11	2 35	12 52	2 46	1 32	0 49	20 48	5 48	0 40	0 34	24 17	1 8	9 20	2 17	21 9	0 40	16 0	1 37	18 13	16 17	22 56	23 1	19 52			n.a.
F 12	3 0	7 5	3 43	2 11	1 7	20 52	5 47	0 22	0 33	24 16	1 8	9 17	2 18	21 9	0 40	15 59	1 37	18 13	16 17	22 57	23 1	19 50			n.a.
S 13	3 24	0 56	4 26	2 44	1 23	20 55	5 46	0 5	0 33	24 16	1 8	9 15	2 18	21 9	0 40	15 59	1 37	18 12	16 17	22 58	23 2	19 48			n.a.
S 14	3 48	5s11	4 52	3 11	1 37	20 56	5 44	0s13	0 32	24 15	1 7	9 12	2 18	21 8	0 40	15 59	1 37	18 11	16 17	22 59	23 2	19 46			n.a.
M15	4 13	10 57	5 0	3 31	1 49	20 57	5 42	0 31	0 32	24 14	1 7	9 10	2 18	21 8	0 40	15 58	1 37	18 10	16 17	23 0	23 2	19 44			n.a.
T 16	4 37	16 2	4 50	3 45	1 59	20 56	5 40	0 48	0 31	24 14	1 7	9 7	2 18	21 8	0 40	15 58	1 37	18 9	16 17	23 2	23 3	19 41			n.a.
W17	5 1	20 12	4 24	3 53	2 8	20 54	5 37	1 6	0 31	24 13	1 7	9 5	2 18	21 7	0 40	15 58	1 37	18 8	16 17	23 3	23 3	19 39			n.a.
T 18	5 25	23 14	3 45	3 55	2 15	20 51	5 33	1 24	0 30	24 12	1 7	9 2	2 18	21 7	0 40	15 57	1 37	18 8	16 18	23 4	23 3	19 37			n.a.
F 19	5 49	25 0	2 55	3 52	2 20	20 46	5 29	1 42	0 29	24 12	1 7	9 0	2 18	21 7	0 40	15 57	1 37	18 7	16 18	23 5	23 4	19 35			n.a.
S 20	6 13	25 30	1 59	3 43	2 24	20 40	5 24	2 0	0 29	24 11	1 7	8 58	2 19	21 6	0 40	15 56	1 37	18 6	16 18	23 5	23 4	19 33			n.a.
S 21	6 37	24 46	0 58	3 30	2 26	20 33	5 19	2 17	0 28	24 10	1 7	8 55	2 19	21 6	0 40	15 56	1 37	18 5	16 18	23 5	23 4	19 30			n.a.
M22	7 1	22 54	0n 5	3 13	2 27	20 24	5 13	2 35	0 28	24 9	1 6	8 53	2 19	21 6	0 40	15 56	1 37	18 5	16 18	23 5	23 5	19 28			n.a.
T 23	7 24	20 4	1 7	2 53	2 27	20 14	5 7	2 53	0 27	24 9	1 6	8 51	2 19	21 5	0 40	15 55	1 37	18 4	16 19	23 5	23 5	19 26			n.a.
W24	7 48	16 24	2 6	2 29	2 26	20 3	4 59	3 11	0 27	24 8	1 6	8 48	2 19	21 5	0 40	15 55	1 37	18 3	16 19	23 5	23 5	19 24			n.a.
T 25	8 11	12 4	3 0	2 3	2 24	19 50	4 52	3 28	0 26	24 7	1 6	8 46	2 19	21 5	0 40	15 54	1 37	18 3	16 19	23 6	23 6	19 22			n.a.
F 26	8 34	7 12	3 47	1 34	2 22	19 35	4 43	3 46	0 25	24 6	1 6	8 44	2 20	21 5	0 40	15 54	1 37	18 2	16 19	23 6	23 6	19 19			n.a.
S 27	8 58	1 59	4 24	1 3	2 18	19 20	4 34	4 4	0 25	24 5	1 6	8 42	2 20	21 4	0 41	15 53	1 37	18 1	16 19	23 7	23 6	19 17			n.a.
S 28	9 21	3n25	4 49	0 30	2 14	19 3	4 24	4 22	0 24	24 4	1 6	8 39	2 20	21 4	0 41	15 53	1 37	18 1	16 20	23 9	23 7	19 15			n.a.
M29	9 43	8 48	5 0	0s 4	2 10	18 44	4 14	4 39	0 24	24 3	1 6	8 37	2 20	21 4	0 41	15 53	1 37	18 0	16 20	23 10	23 7	19 13			n.a.
T 30	10 6	13 55	4 56	0 39	2 5	18 25	4 3	4 57	0 23	24 2	1 6	8 35	2 20	21 4	0 41	15 52	1 37	17 59	16 20	23 11	23 7	19 10			n.a.
W31	10s29	18n27	4n34	1s16	2n 0	18s 4	3s51	5s15	0n23	24s 1	1s 5	8n33	2n20	21n 4	0n41	15n52	1s37	17n59	16n21	23s12	23s 8	19s 8			n.a.

Julian Day Number = 1272438.5, Delta T = 08h15m52s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'30, Lahiri = -20°55'29 Julian Calendar 1 Oct. 1230 BCE == Greg. Calendar 20 Sept. 1230 BCE

The year -1229 astronomical counting style corresponds to year 1230 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1230 BCE
geocentric

NOVEMBER 1230 BCE (-1229) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 53 50	27♎45'27	20♉55	9♎ 2	7°R31	14♎40	15♏29	14♍ 6	0♌26	17°R44	22♍26	12°R42	13♏35	29♏54	n.a.	T 1
F 2	1 57 46	28°46'36	4♊47	10°25	6♏58	15°24	15°37	14°12	0°27	17♉42	22°28	12♏34	13°32	0♒ 0	n.a.	F 2
S 3	2 1 43	29°47'47	18°46	11°49	6°24	16° 7	15°44	14°18	0°28	17°40	22°30	12°29	13°29	0° 7	n.a.	S 3
S 4	2 5 40	0♏48'58	2♋49	13°14	5°49	16°51	15°53	14°23	0°29	17°39	22°32	12°27	13°26	0°14	n.a.	S 4
M 5	2 9 36	1°50'11	16°53	14°40	5°14	17°34	16° 1	14°29	0°29	17°37	22°34	12°D27	13°23	0°20	n.a.	M 5
T 6	2 13 33	2°51'24	0♌58	16° 7	4°38	18°18	16° 9	14°35	0°30	17°36	22°36	12°R27	13°19	0°27	n.a.	T 6
W 7	2 17 29	3°52'38	15° 3	17°34	4° 1	19° 2	16°18	14°40	0°31	17°34	22°38	12°27	13°16	0°34	n.a.	W 7
T 8	2 21 26	4°53'53	29° 7	19° 3	3°25	19°45	16°26	14°46	0°31	17°32	22°40	12°24	13°13	0°40	n.a.	T 8
F 9	2 25 22	5°55'09	13♍ 9	20°31	2°48	20°29	16°35	14°51	0°32	17°31	22°42	12°19	13°10	0°47	n.a.	F 9
S 10	2 29 19	6°56'26	27° 6	22° 0	2°13	21°13	16°44	14°56	0°32	17°29	22°44	12°12	13° 7	0°54	n.a.	S 10
S 11	2 33 15	7°57'43	10♎56	23°30	1°38	21°57	16°53	15° 1	0°32	17°27	22°46	12° 2	13° 4	1° 0	n.a.	S 11
M12	2 37 12	8°59'00	24°35	25° 0	1° 4	22°41	17° 3	15° 7	0°33	17°26	22°48	11°51	13° 0	1° 7	n.a.	M12
T 13	2 41 9	10° 0'19	8♏ 0	26°31	0°31	23°25	17°12	15°12	0°33	17°24	22°50	11°39	12°57	1°13	n.a.	T 13
W14	2 45 5	11° 1'37	21° 8	28° 1	29♎59	24° 9	17°21	15°17	0°33	17°22	22°51	11°29	12°54	1°20	n.a.	W14
T 15	2 49 2	12° 2'56	3♐58	29°32	29°30	24°53	17°31	15°22	0°33	17°20	22°53	11°21	12°51	1°27	n.a.	T 15
F 16	2 52 58	13° 4'15	16°31	1♏ 4	29° 2	25°37	17°41	15°27	0°34	17°19	22°55	11°15	12°48	1°33	n.a.	F 16
S 17	2 56 55	14° 5'34	28°47	2°36	28°36	26°21	17°51	15°31	0°R34	17°17	22°57	11°12	12°45	1°40	n.a.	S 17
S 18	3 0 51	15° 6'53	10♑49	4° 7	28°13	27° 5	18° 1	15°36	0°34	17°15	22°58	11°D11	12°41	1°47	n.a.	S 18
M19	3 4 48	16° 8'12	22°42	5°40	27°51	27°50	18°11	15°41	0°33	17°14	23° 0	11°11	12°38	1°53	n.a.	M19
T 20	3 8 45	17° 9'31	4♒30	7°12	27°31	28°34	18°21	15°45	0°33	17°12	23° 2	11°12	12°35	2° 0	n.a.	T 20
W21	3 12 41	18°10'49	16°19	8°45	27°14	29°18	18°31	15°50	0°33	17°10	23° 3	11°R13	12°32	2° 7	n.a.	W21
T 22	3 16 38	19°12'07	28°13	10°18	27° 0	0♏ 3	18°42	15°54	0°33	17° 9	23° 5	11°13	12°29	2°13	n.a.	T 22
F 23	3 20 34	20°13'25	10♓19	11°51	26°47	0°47	18°52	15°59	0°33	17° 7	23° 7	11°10	12°25	2°20	n.a.	F 23
S 24	3 24 31	21°14'43	22°41	13°25	26°38	1°31	19° 3	16° 3	0°32	17° 5	23° 8	11° 6	12°22	2°27	n.a.	S 24
S 25	3 28 27	22°16'00	5♈22	14°59	26°30	2°16	19°14	16° 7	0°32	17° 3	23°10	10°59	12°19	2°33	n.a.	S 25
M26	3 32 24	23°17'16	18°26	16°33	26°26	3° 0	19°25	16°11	0°31	17° 2	23°11	10°51	12°16	2°40	n.a.	M26
T 27	3 36 20	24°18'33	1♉52	18° 8	26°D23	3°45	19°36	16°15	0°31	17° 0	23°13	10°43	12°13	2°47	n.a.	T 27
W28	3 40 17	25°19'49	15°40	19°43	26°24	4°29	19°47	16°19	0°30	16°58	23°14	10°35	12°10	2°53	n.a.	W28
T 29	3 44 14	26°21'05	29°47	21°18	26°26	5°14	19°58	16°23	0°30	16°57	23°15	10°28	12° 6	3° 0	n.a.	T 29
F 30	3 48 10	27♏22'20	14♊ 6	22♏54	26♎31	5♏59	20♏ 9	16♍27	0♌29	16♉55	23♍17	10♏23	12♏ 3	3♒ 7	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s51	22n 5	3n57	1s54	1n55	17s42	3s39	5s32	0n22	24s 0	1s 5	8n31	2n21	21n 4	0n41	15n51	1s37	17n58	16n21	23s13	23s 8	19s 6		n.a.
F 2	11 13	24 29	3 5	2 32	1 49	17 19	3 26	5 50	0 21	23 59	1 5	8 29	2 21	21 3	0 41	15 51	1 37	17 58	16 21	23 14	23 8	19 4		n.a.
S 3	11 35	25 23	2 2	3 11	1 43	16 54	3 13	6 7	0 21	23 58	1 5	8 26	2 21	21 3	0 41	15 50	1 37	17 57	16 21	23 15	23 9	19 1		n.a.
S 4	11 57	24 40	0 51	3 50	1 36	16 30	2 59	6 25	0 20	23 57	1 5	8 24	2 21	21 3	0 41	15 50	1 37	17 57	16 22	23 15	23 9	18 59		n.a.
M 5	12 19	22 22	0s24	4 30	1 30	16 4	2 45	6 43	0 20	23 56	1 5	8 22	2 21	21 3	0 41	15 49	1 37	17 56	16 22	23 15	23 9	18 57		n.a.
T 6	12 40	18 42	1 37	5 10	1 23	15 38	2 30	7 0	0 19	23 55	1 5	8 20	2 21	21 3	0 41	15 49	1 37	17 55	16 22	23 15	23 10	18 55		n.a.
W 7	13 1	13 59	2 44	5 50	1 16	15 11	2 15	7 17	0 18	23 54	1 5	8 18	2 22	21 3	0 41	15 48	1 37	17 55	16 23	23 15	23 10	18 52		n.a.
T 8	13 22	8 31	3 41	6 30	1 10	14 44	2 0	7 35	0 18	23 53	1 5	8 16	2 22	21 3	0 41	15 48	1 37	17 54	16 23	23 15	23 10	18 50		n.a.
F 9	13 43	2 39	4 25	7 11	1 3	14 17	1 45	7 52	0 17	23 51	1 4	8 14	2 22	21 3	0 41	15 47	1 37	17 54	16 23	23 16	23 11	18 48		n.a.
S 10	14 4	3s18	4 53	7 51	0 56	13 50	1 29	8 10	0 16	23 50	1 4	8 13	2 22	21 3	0 41	15 47	1 37	17 54	16 24	23 16	23 11	18 46		n.a.
S 11	14 24	9 1	5 3	8 31	0 49	13 23	1 13	8 27	0 16	23 49	1 4	8 11	2 22	21 3	0 41	15 46	1 37	17 53	16 24	23 17	23 11	18 43		n.a.
M12	14 44	14 15	4 56	9 11	0 42	12 56	0 58	8 44	0 15	23 48	1 4	8 9	2 23	21 3	0 41	15 46	1 37	17 53	16 25	23 18	23 12	18 41		n.a.
T 13	15 4	18 41	4 32	9 51	0 35	12 30	0 42	9 1	0 15	23 46	1 4	8 7	2 23	21 2	0 41	15 46	1 37	17 52	16 25	23 19	23 12	18 39		n.a.
W14	15 23	22 6	3 54	10 31	0 28	12 5	0 27	9 18	0 14	23 45	1 4	8 5	2 23	21 2	0 41	15 45	1 37	17 52	16 25	23 20	23 12	18 36		n.a.
T 15	15 42	24 20	3 5	11 10	0 21	11 40	0 11	9 35	0 13	23 44	1 4	8 3	2 23	21 3	0 41	15 45	1 37	17 52	16 26	23 21	23 13	18 34		n.a.
F 16	16 1	25 16	2 8	11 49	0 14	11 16	0n 4	9 52	0 13	23 42	1 4	8 2	2 23	21 3	0 41	15 44	1 37	17 51	16 26	23 21	23 13	18 32		n.a.
S 17	16 20	24 56	1 6	12 28	0 7	10 52	0 18	10 9	0 12	23 41	1 4	8 0	2 24	21 3	0 41	15 44	1 37	17 51	16 26	23 22	23 13	18 30		n.a.
S 18	16 38	23 25	0 2	13 6	0 0	10 30	0 33	10 26	0 11	23 39	1 4	7 58	2 24	21 3	0 41	15 43	1 37	17 51	16 27	23 22	23 13	18 27		n.a.
M19	16 57	20 53	1n 2	13 44	0s 7	10 9	0 47	10 43	0 11	23 38	1 4	7 57	2 24	21 3	0 42	15 43	1 37	17 50	16 27	23 22	23 14	18 25		n.a.
T 20	17 14	17 29	2 2	14 21	0 13	9 50	1 0	10 59	0 10	23 36	1 3	7 55	2 24	21 3	0 42	15 42	1 37	17 50	16 28	23 22	23 14	18 23		n.a.
W21	17 32	13 23	2 58	14 58	0 20	9 31	1 14	11 16	0 9	23 35	1 3	7 54	2 25	21 3	0 42	15 42	1 37	17 50	16 28	23 21	23 14	18 20		n.a.
T 22	17 49	8 46	3 46	15 34	0 26	9 14	1 26	11 32	0 9	23 33	1 3	7 52	2 25	21 3	0 42	15 41	1 37	17 49	16 29	23 22	23 15	18 18		n.a.
F 23	18 6	3 45	4 25	16 10	0 33	8 58	1 39	11 49	0 8	23 32	1 3	7 51	2 25	21 3	0 42	15 41	1 37	17 49	16 29	23 22	23 15	18 16		n.a.
S 24	18 22	1n30	4 52	16 45	0 39	8 43	1 51	12 5	0 7	23 30	1 3	7 49	2 25	21 3	0 42	15 40	1 37	17 49	16 29	23 22	23 15	18 13		n.a.
S 25	18 39	6 50	5 6	17 19	0 45	8 30	2 2	12 21	0 7	23 29	1 3	7 48	2 26	21 3	0 42	15 40	1 37	17 49	16 30	23 23	23 16	18 11		n.a.
M26	18 54	12 2	5 5	17 53	0 51	8 18	2 13	12 38	0 6	23 27	1 3	7 46	2 26	21 3	0 42	15 39	1 37	17 49	16 30	23 23	23 16	18 9		n.a.
T 27	19 10	16 48	4 47	18 26	0 57	8 8	2 23	12 54	0 5	23 25	1 3	7 45	2 26	21 4	0 42	15 39	1 37	17 48	16 31	23 24	23 16	18 6		n.a.
W28	19 25	20 49	4 13	18 58	1 3	7 59	2 33	13 10	0 5	23 23	1 3	7 43	2 26	21 4	0 42	15 38	1 37	17 48	16 31	23 25	23 16	18 4		n.a.
T 29	19 40	23 43	3 22	19 29	1 8	7 51	2 42	13 25	0 4	23 22	1 3	7 42	2 27	21 4	0 42	15 38	1 37	17 48	16 32	23 25	23 17	18 2		n.a.
F 30	19s54	25n 9	2n17	19s59	1s13	7s45	2n51	13s41	0n 3	23s20	1s 3	7n41	2n27	21n 4	0n42	15n37	1s37	17n48	16n32	23s26	23s17	17s59		n.a.

Julian Day Number = 1272469.5, Delta T = 08h15m50s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'25, Lahiri = -20°55'25 Julian Calendar 1 Nov. 1230 BCE == Greg. Calendar 21 Oct. 1230 BCE

The year -1229 astronomical counting style corresponds to year 1230 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1230 BCE
geocentric

DECEMBER 1230 BCE (-1229) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 52 7	28♏23'35	28♊34	24♏30	26♎39	6♏43	20♑21	16♍31	0°R28	16°R53	23♍18	10°R21	12♑ 0	3♒13	n.a.	S 1
S 2	3 56 3	29°24'50	13♋ 3	26° 6	26°49	7°28	20°32	16°34	0♌27	16♉52	23°19	10°D20	11°57	3°20	n.a.	S 2
M 3	4 0 0	0♐26'05	27°29	27°43	27° 1	8°13	20°44	16°38	0°26	16°50	23°21	10♑21	11°54	3°27	n.a.	M 3
T 4	4 3 56	1°27'19	11♌49	29°21	27°15	8°58	20°56	16°41	0°26	16°48	23°22	10°22	11°51	3°33	n.a.	T 4
W 5	4 7 53	2°28'34	26° 0	0♐59	27°31	9°43	21° 8	16°44	0°25	16°47	23°23	10°R24	11°47	3°40	n.a.	W 5
T 6	4 11 50	3°29'48	10♍ 0	2°37	27°49	10°27	21°19	16°48	0°24	16°45	23°24	10°24	11°44	3°47	n.a.	T 6
F 7	4 15 46	4°31'01	23°48	4°16	28°10	11°12	21°31	16°51	0°23	16°43	23°25	10°22	11°41	3°53	n.a.	F 7
S 8	4 19 43	5°32'14	7♎26	5°55	28°32	11°57	21°43	16°54	0°21	16°42	23°26	10°19	11°38	4° 0	n.a.	S 8
S 9	4 23 39	6°33'27	20°51	7°35	28°56	12°42	21°56	16°57	0°20	16°40	23°27	10°14	11°35	4° 7	n.a.	S 9
M10	4 27 36	7°34'39	4♏ 3	9°15	29°22	13°27	22° 8	17° 0	0°19	16°39	23°29	10° 8	11°31	4°13	n.a.	M10
T 11	4 31 32	8°35'51	17° 3	10°56	29°49	14°13	22°20	17° 3	0°18	16°37	23°30	10° 3	11°28	4°20	n.a.	T 11
W12	4 35 29	9°37'02	29°49	12°38	0♏19	14°58	22°33	17° 5	0°16	16°36	23°30	9°57	11°25	4°26	n.a.	W12
T 13	4 39 25	10°38'12	12♐22	14°19	0°49	15°43	22°45	17° 8	0°15	16°34	23°31	9°53	11°22	4°33	n.a.	T 13
F 14	4 43 22	11°39'22	24°42	16° 2	1°22	16°28	22°58	17°10	0°14	16°33	23°32	9°51	11°19	4°40	n.a.	F 14
S 15	4 47 19	12°40'30	6♑50	17°45	1°56	17°13	23°10	17°13	0°12	16°31	23°33	9°D50	11°16	4°46	n.a.	S 15
S 16	4 51 15	13°41'38	18°49	19°28	2°31	17°58	23°23	17°15	0°11	16°30	23°34	9°50	11°12	4°53	n.a.	S 16
M17	4 55 12	14°42'44	0♒40	21°12	3° 7	18°44	23°36	17°17	0° 9	16°28	23°35	9°51	11° 9	5° 0	n.a.	M17
T 18	4 59 8	15°43'49	12°28	22°56	3°45	19°29	23°49	17°19	0° 8	16°27	23°36	9°53	11° 6	5° 6	n.a.	T 18
W19	5 3 5	16°44'52	24°16	24°40	4°24	20°14	24° 1	17°21	0° 6	16°25	23°36	9°55	11° 3	5°13	n.a.	W19
T 20	5 7 1	17°45'55	6♓10	26°25	5° 5	21° 0	24°14	17°23	0° 4	16°24	23°37	9°56	11° 0	5°20	n.a.	T 20
F 21	5 10 58	18°46'55	18°13	28°10	5°46	21°45	24°27	17°25	0° 3	16°22	23°38	9°R57	10°56	5°26	n.a.	F 21
S 22	5 14 55	19°47'55	0♈32	29°55	6°29	22°31	24°41	17°27	0° 1	16°21	23°38	9°56	10°53	5°33	n.a.	S 22
S 23	5 18 51	20°48'53	13°10	1♑40	7°12	23°16	24°54	17°28	29♋59	16°20	23°39	9°55	10°50	5°40	n.a.	S 23
M24	5 22 48	21°49'49	26°11	3°24	7°57	24° 2	25° 7	17°30	29°57	16°18	23°39	9°53	10°47	5°46	n.a.	M24
T 25	5 26 44	22°50'44	9♉38	5° 8	8°42	24°47	25°20	17°31	29°55	16°17	23°40	9°50	10°44	5°53	n.a.	T 25
W26	5 30 41	23°51'38	23°31	6°51	9°29	25°33	25°34	17°33	29°53	16°16	23°40	9°48	10°41	6° 0	n.a.	W26
T 27	5 34 37	24°52'30	7♊49	8°34	10°16	26°18	25°47	17°34	29°51	16°14	23°41	9°46	10°37	6° 6	n.a.	T 27
F 28	5 38 34	25°53'20	22°26	10°15	11° 5	27° 4	26° 0	17°35	29°49	16°13	23°41	9°45	10°34	6°13	n.a.	F 28
S 29	5 42 30	26°54'10	7♋16	11°54	11°54	27°49	26°14	17°36	29°47	16°12	23°41	9°D44	10°31	6°20	n.a.	S 29
S 30	5 46 27	27°54'57	22°12	13°32	12°44	28°35	26°27	17°37	29°45	16°11	23°42	9°45	10°28	6°26	n.a.	S 30
M31	5 50 24	28♐55'44	7♌ 6	15♑ 6	13♏35	29♏21	26♑41	17♍38	29♋43	16♉10	23♍42	9♑45	10♑25	6♒33	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 8	24n53	1n 4	20s29	1s18	7s40	2n59	13s57	0n 3	23s18	1s 3	7n40	2n27	21n 4	0n42	15n37	1s37	17n48	16n33	23s26	23s17	17s57		n.a.
S 2	20 22	22 57	0s15	20 57	1 23	7 36	3 7	14 12	0 2	23 16	1 3	7 38	2 27	21 5	0 42	15 37	1 37	17 48	16 33	23 26	23 18	17 55		n.a.
M 3	20 35	19 31	1 32	21 24	1 28	7 34	3 14	14 28	0 1	23 14	1 3	7 37	2 28	21 5	0 42	15 36	1 37	17 48	16 34	23 26	23 18	17 52		n.a.
T 4	20 48	14 56	2 43	21 51	1 32	7 32	3 21	14 43	0 1	23 13	1 2	7 36	2 28	21 5	0 42	15 36	1 37	17 48	16 34	23 26	23 18	17 50		n.a.
W 5	21 0	9 34	3 43	22 16	1 37	7 32	3 28	14 58	0s 0	23 11	1 2	7 35	2 28	21 5	0 42	15 35	1 37	17 48	16 35	23 26	23 18	17 47		n.a.
T 6	21 12	3 48	4 29	22 40	1 40	7 33	3 34	15 13	0 1	23 9	1 2	7 34	2 28	21 6	0 42	15 35	1 37	17 48	16 35	23 26	23 19	17 45		n.a.
F 7	21 24	2s 4	4 59	23 3	1 44	7 36	3 39	15 28	0 2	23 7	1 2	7 33	2 29	21 6	0 42	15 34	1 37	17 48	16 36	23 26	23 19	17 43		n.a.
S 8	21 35	7 45	5 11	23 25	1 47	7 39	3 44	15 43	0 2	23 5	1 2	7 32	2 29	21 6	0 42	15 34	1 37	17 48	16 36	23 26	23 19	17 40		n.a.
S 9	21 46	12 59	5 6	23 45	1 50	7 43	3 49	15 58	0 3	23 3	1 2	7 31	2 29	21 6	0 42	15 33	1 37	17 48	16 37	23 26	23 20	17 38		n.a.
M10	21 56	17 32	4 45	24 4	1 53	7 48	3 53	16 12	0 4	23 1	1 2	7 30	2 29	21 7	0 42	15 33	1 37	17 48	16 37	23 27	23 20	17 36		n.a.
T 11	22 6	21 11	4 10	24 22	1 56	7 54	3 57	16 26	0 4	22 59	1 2	7 29	2 30	21 7	0 42	15 33	1 37	17 48	16 38	23 27	23 20	17 33		n.a.
W12	22 16	23 44	3 22	24 38	1 58	8 1	4 1	16 41	0 5	22 56	1 2	7 29	2 30	21 7	0 42	15 32	1 37	17 48	16 38	23 28	23 20	17 31		n.a.
T 13	22 25	25 3	2 25	24 53	1 59	8 9	4 4	16 55	0 6	22 54	1 2	7 28	2 30	21 8	0 43	15 32	1 37	17 48	16 39	23 28	23 21	17 28		n.a.
F 14	22 34	25 6	1 22	25 5	2 0	8 17	4 7	17 9	0 7	22 52	1 2	7 27	2 30	21 8	0 43	15 31	1 37	17 48	16 39	23 28	23 21	17 26		n.a.
S 15	22 42	23 56	0 16	25 17	2 1	8 27	4 10	17 22	0 7	22 50	1 2	7 26	2 31	21 8	0 43	15 31	1 36	17 48	16 40	23 28	23 21	17 24		n.a.
S 16	22 50	21 41	0n49	25 26	2 2	8 37	4 12	17 36	0 8	22 48	1 2	7 26	2 31	21 9	0 43	15 31	1 36	17 48	16 40	23 28	23 22	17 21		n.a.
M17	22 57	18 31	1 52	25 34	2 2	8 47	4 14	17 50	0 9	22 45	1 2	7 25	2 31	21 9	0 43	15 30	1 36	17 49	16 41	23 28	23 22	17 19		n.a.
T 18	23 4	14 38	2 50	25 40	2 1	8 59	4 16	18 3	0 9	22 43	1 2	7 24	2 32	21 9	0 43	15 30	1 36	17 49	16 41	23 28	23 22	17 16		n.a.
W19	23 10	10 11	3 41	25 44	2 0	9 10	4 17	18 16	0 10	22 41	1 2	7 24	2 32	21 10	0 43	15 29	1 36	17 49	16 42	23 28	23 22	17 14		n.a.
T 20	23 16	5 20	4 23	25 46	1 58	9 23	4 18	18 29	0 11	22 38	1 2	7 23	2 32	21 10	0 43	15 29	1 36	17 49	16 43	23 28	23 23	17 12		n.a.
F 21	23 21	0 14	4 54	25 46	1 56	9 36	4 19	18 42	0 12	22 36	1 2	7 23	2 32	21 11	0 43	15 29	1 36	17 49	16 43	23 28	23 23	17 9		n.a.
S 22	23 26	4n58	5 12	25 43	1 53	9 49	4 20	18 54	0 12	22 34	1 2	7 23	2 33	21 11	0 43	15 28	1 36	17 50	16 44	23 28	23 23	17 7		n.a.
S 23	23 31	10 6	5 15	25 39	1 50	10 3	4 20	19 7	0 13	22 31	1 2	7 22	2 33	21 11	0 43	15 28	1 36	17 50	16 44	23 28	23 23	17 4		n.a.
M24	23 35	14 58	5 3	25 33	1 45	10 18	4 20	19 19	0 14	22 29	1 2	7 22	2 33	21 12	0 43	15 28	1 36	17 50	16 45	23 28	23 24	17 2		n.a.
T 25	23 39	19 16	4 35	25 25	1 40	10 33	4 20	19 31	0 15	22 26	1 2	7 22	2 34	21 12	0 43	15 27	1 36	17 50	16 45	23 28	23 24	17 0		n.a.
W26	23 42	22 39	3 49	25 14	1 35	10 48	4 20	19 43	0 15	22 24	1 2	7 21	2 34	21 13	0 43	15 27	1 36	17 51	16 46	23 28	23 24	16 57		n.a.
T 27	23 44	24 44	2 48	25 2	1 28	11 3	4 19	19 55	0 16	22 21	1 2	7 21	2 34	21 13	0 43	15 27	1 36	17 51	16 46	23 28	23 24	16 55		n.a.
F 28	23 47	25 12	1 35	24 47	1 21	11 19	4 18	20 6	0 17	22 19	1 2	7 21	2 34	21 14	0 43	15 26	1 36	17 51	16 47	23 29	23 25	16 52		n.a.
S 29	23 48	23 52	0 14	24 31	1 13	11 35	4 17	20 17	0 18	22 16	1 2	7 21	2 35	21 14	0 43	15 26	1 36	17 52	16 47	23 29	23 25	16 50		n.a.
S 30	23 49	20 51	1s 9	24 12	1 4	11 51	4 16	20 29	0 18	22 13	1 2	7 21	2 35	21 15	0 43	15 26	1 36	17 52	16 48	23 29	23 25	16 47		n.a.
M31	23s50	16n27	2s26	23s52	0s54	12s 8	4n15	20s39	0s19	22s11	1s 2	7n21	2n35	21n15	0n43	15n25	1s36	17n53	16n49	23s29	23s25	16s45		n.a.

Julian Day Number = 1272499.5, Delta T = 08h15m49s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'21, Lahiri = -20°55'21 Julian Calendar 1 Dec. 1230 BCE == Greg. Calendar 20 Nov. 1230 BCE

The year -1229 astronomical counting style corresponds to year 1230 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1229 BCE
geocentric

JANUARY 1229 BCE (-1228) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 54 20	29♐56'29	21♌50	16♉38	14♏26	0♐ 7	26♉55	17♍38	29°R41	16°R 9	23♍42	9♉46	10♉22	6♒40	n.a.	T 1
W 2	5 58 17	0♉57'13	6♍19	18° 6	15°18	0°52	27° 8	17°39	29♋39	16♉ 7	23°43	9°47	10°18	6°46	n.a.	W 2
T 3	6 2 13	1°57'55	20°30	19°30	16°11	1°38	27°22	17°39	29°37	16° 6	23°43	9°47	10°15	6°53	n.a.	T 3
F 4	6 6 10	2°58'36	4♎20	20°49	17° 5	2°24	27°36	17°40	29°34	16° 5	23°43	9°R48	10°12	7° 0	n.a.	F 4
S 5	6 10 6	3°59'16	17°51	22° 2	17°59	3°10	27°50	17°40	29°32	16° 4	23°43	9°47	10° 9	7° 6	n.a.	S 5
S 6	6 14 3	4°59'55	1♏ 2	23° 9	18°54	3°56	28° 4	17°40	29°30	16° 3	23°43	9°47	10° 6	7°13	n.a.	S 6
M 7	6 18 0	6° 0'32	13°56	24° 9	19°49	4°41	28°18	17°R40	29°28	16° 2	23°R43	9°47	10° 2	7°20	n.a.	M 7
T 8	6 21 56	7° 1'08	26°36	25° 1	20°45	5°27	28°32	17°40	29°25	16° 1	23°43	9°46	9°59	7°26	n.a.	T 8
W 9	6 25 53	8° 1'43	9♐ 2	25°44	21°42	6°13	28°45	17°40	29°23	16° 0	23°43	9°46	9°56	7°33	n.a.	W 9
T 10	6 29 49	9° 2'15	21°17	26°18	22°38	6°59	29° 0	17°40	29°21	15°59	23°43	9°46	9°53	7°40	n.a.	T 10
F 11	6 33 46	10° 2'46	3♉23	26°43	23°36	7°45	29°14	17°40	29°18	15°59	23°43	9°D46	9°50	7°46	n.a.	F 11
S 12	6 37 42	11° 3'16	15°21	26°58	24°34	8°31	29°28	17°39	29°16	15°58	23°43	9°R46	9°47	7°53	n.a.	S 12
S 13	6 41 39	12° 3'43	27°14	27°R 3	25°32	9°17	29°42	17°39	29°13	15°57	23°42	9°46	9°43	8° 0	n.a.	S 13
M14	6 45 35	13° 4'09	9♒ 3	26°57	26°31	10° 3	29°56	17°38	29°11	15°56	23°42	9°45	9°40	8° 6	n.a.	M14
T 15	6 49 32	14° 4'32	20°51	26°42	27°30	10°49	0♒10	17°37	29° 8	15°55	23°42	9°45	9°37	8°13	n.a.	T 15
W16	6 53 29	15° 4'54	2♓41	26°17	28°30	11°35	0°24	17°36	29° 6	15°55	23°42	9°44	9°34	8°20	n.a.	W16
T 17	6 57 25	16° 5'13	14°36	25°43	29°30	12°21	0°39	17°35	29° 3	15°54	23°41	9°43	9°31	8°26	n.a.	T 17
F 18	7 1 22	17° 5'31	26°39	25° 1	0♐30	13° 8	0°53	17°34	29° 1	15°53	23°41	9°43	9°28	8°33	n.a.	F 18
S 19	7 5 18	18° 5'46	8♈55	24°12	1°31	13°54	1° 7	17°33	28°58	15°53	23°41	9°42	9°24	8°40	n.a.	S 19
S 20	7 9 15	19° 5'58	21°29	23°17	2°32	14°40	1°21	17°32	28°56	15°52	23°40	9°D42	9°21	8°46	n.a.	S 20
M21	7 13 11	20° 6'09	4♉23	22°18	3°34	15°26	1°36	17°31	28°53	15°52	23°40	9°42	9°18	8°53	n.a.	M21
T 22	7 17 8	21° 6'18	17°42	21°16	4°35	16°12	1°50	17°29	28°50	15°51	23°39	9°43	9°15	9° 0	n.a.	T 22
W23	7 21 4	22° 6'24	1♊27	20°13	5°37	16°58	2° 4	17°28	28°48	15°51	23°39	9°44	9°12	9° 6	n.a.	W23
T 24	7 25 1	23° 6'28	15°40	19°10	6°40	17°44	2°19	17°26	28°45	15°50	23°38	9°45	9° 8	9°13	n.a.	T 24
F 25	7 28 58	24° 6'30	0♋18	18° 9	7°42	18°31	2°33	17°24	28°43	15°50	23°38	9°46	9° 5	9°20	n.a.	F 25
S 26	7 32 54	25° 6'29	15°16	17°11	8°45	19°17	2°47	17°22	28°40	15°49	23°37	9°R46	9° 2	9°26	n.a.	S 26
S 27	7 36 51	26° 6'27	0♌26	16°17	9°48	20° 3	3° 2	17°20	28°37	15°49	23°36	9°45	8°59	9°33	n.a.	S 27
M28	7 40 47	27° 6'22	15°39	15°27	10°52	20°49	3°16	17°18	28°35	15°49	23°36	9°44	8°56	9°40	n.a.	M28
T 29	7 44 44	28° 6'15	0♍45	14°44	11°56	21°36	3°31	17°16	28°32	15°48	23°35	9°41	8°53	9°46	n.a.	T 29
W30	7 48 40	29° 6'07	15°36	14° 6	13° 0	22°22	3°45	17°14	28°29	15°48	23°34	9°39	8°49	9°53	n.a.	W30
T 31	7 52 37	0♒ 5'56	0♎ 4	13♉35	14♐ 4	23♐ 8	4♒ 0	17♍12	28♋27	15♉48	23♍33	9♉37	8♉46	10♒ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23s50	11n 6	3s33	23s31	0s44	12s25	4n13	20s50	0s20	22s 8	1s 2	7n21	2n36	21n16	0n43	15n25	1s36	17n53	16n49	23s28	23s26	16s43			n.a.
W 2	23 50	5 15	4 25	23 8	0 32	12 41	4 12	21 1	0 21	22 5	1 2	7 21	2 36	21 16	0 43	15 25	1 36	17 53	16 50	23 28	23 26	16 40			n.a.
T 3	23 50	0s45	5 0	22 43	0 20	12 58	4 10	21 11	0 21	22 2	1 2	7 21	2 36	21 17	0 43	15 25	1 36	17 54	16 50	23 28	23 26	16 38			n.a.
F 4	23 48	6 34	5 16	22 18	0 7	13 16	4 8	21 21	0 22	22 0	1 2	7 21	2 36	21 17	0 43	15 24	1 36	17 54	16 51	23 28	23 26	16 35			n.a.
S 5	23 47	11 56	5 15	21 53	0n 7	13 33	4 6	21 31	0 23	21 57	1 2	7 21	2 37	21 18	0 43	15 24	1 36	17 55	16 51	23 28	23 27	16 33			n.a.
S 6	23 45	16 38	4 56	21 27	0 22	13 50	4 3	21 40	0 24	21 54	1 2	7 21	2 37	21 18	0 43	15 24	1 36	17 55	16 52	23 28	23 27	16 30			n.a.
M 7	23 42	20 28	4 23	21 2	0 38	14 7	4 1	21 50	0 24	21 51	1 2	7 21	2 37	21 19	0 43	15 24	1 35	17 56	16 52	23 28	23 27	16 28			n.a.
T 8	23 39	23 15	3 38	20 37	0 54	14 25	3 58	21 59	0 25	21 48	1 2	7 22	2 38	21 19	0 43	15 23	1 35	17 56	16 53	23 28	23 27	16 25			n.a.
W 9	23 36	24 51	2 43	20 12	1 10	14 42	3 56	22 8	0 26	21 45	1 2	7 22	2 38	21 20	0 43	15 23	1 35	17 57	16 53	23 28	23 28	16 23			n.a.
T 10	23 32	25 14	1 41	19 49	1 27	14 59	3 53	22 17	0 27	21 42	1 2	7 22	2 38	21 20	0 43	15 23	1 35	17 57	16 54	23 28	23 28	16 20			n.a.
F 11	23 27	24 23	0 35	19 28	1 44	15 16	3 50	22 25	0 27	21 39	1 2	7 23	2 38	21 21	0 43	15 23	1 35	17 58	16 55	23 28	23 28	16 18			n.a.
S 12	23 22	22 26	0n31	19 9	2 0	15 34	3 47	22 33	0 28	21 36	1 2	7 23	2 39	21 21	0 43	15 22	1 35	17 58	16 55	23 28	23 28	16 15			n.a.
S 13	23 17	19 30	1 36	18 52	2 17	15 51	3 44	22 41	0 29	21 33	1 2	7 24	2 39	21 22	0 43	15 22	1 35	17 59	16 56	23 28	23 29	16 13			n.a.
M14	23 11	15 47	2 36	18 37	2 33	16 8	3 41	22 49	0 30	21 30	1 2	7 24	2 39	21 22	0 43	15 22	1 35	17 59	16 56	23 29	23 29	16 11			n.a.
T 15	23 5	11 29	3 29	18 25	2 48	16 24	3 37	22 57	0 30	21 27	1 2	7 25	2 40	21 23	0 43	15 22	1 35	18 0	16 57	23 29	23 29	16 8			n.a.
W16	22 58	6 45	4 14	18 16	3 2	16 41	3 34	23 4	0 31	21 24	1 2	7 25	2 40	21 23	0 43	15 22	1 35	18 1	16 57	23 29	23 29	16 6			n.a.
T 17	22 51	1 45	4 48	18 9	3 15	16 57	3 30	23 11	0 32	21 21	1 2	7 26	2 40	21 24	0 43	15 22	1 35	18 1	16 58	23 29	23 30	16 3			n.a.
F 18	22 44	3n22	5 9	18 6	3 27	17 14	3 27	23 18	0 33	21 18	1 2	7 27	2 40	21 25	0 44	15 22	1 35	18 2	16 58	23 29	23 30	16 1			n.a.
S 19	22 36	8 26	5 17	18 5	3 36	17 30	3 23	23 24	0 33	21 15	1 2	7 27	2 41	21 25	0 44	15 21	1 35	18 2	16 59	23 29	23 30	15 58			n.a.
S 20	22 27	13 18	5 11	18 7	3 44	17 46	3 19	23 30	0 34	21 12	1 2	7 28	2 41	21 26	0 44	15 21	1 35	18 3	16 59	23 29	23 30	15 56			n.a.
M21	22 18	17 42	4 49	18 11	3 50	18 1	3 16	23 36	0 35	21 8	1 2	7 29	2 41	21 26	0 44	15 21	1 35	18 4	17 0	23 29	23 31	15 53			n.a.
T 22	22 9	21 23	4 10	18 17	3 53	18 16	3 12	23 42	0 36	21 5	1 2	7 30	2 41	21 27	0 44	15 21	1 35	18 4	17 0	23 29	23 31	15 51			n.a.
W23	22 0	24 0	3 17	18 26	3 54	18 31	3 8	23 48	0 36	21 2	1 2	7 30	2 42	21 27	0 44	15 21	1 35	18 5	17 1	23 29	23 31	15 48			n.a.
T 24	21 49	25 12	2 10	18 36	3 53	18 46	3 4	23 53	0 37	20 59	1 2	7 31	2 42	21 28	0 44	15 21	1 35	18 6	17 1	23 29	23 31	15 46			n.a.
F 25	21 39	24 43	0 52	18 47	3 50	19 1	3 0	23 58	0 38	20 55	1 2	7 32	2 42	21 28	0 44	15 21	1 34	18 6	17 2	23 28	23 31	15 43			n.a.
S 26	21 28	22 27	0s30	18 59	3 46	19 15	2 55	24 3	0 39	20 52	1 2	7 33	2 42	21 29	0 44	15 21	1 34	18 7	17 2	23 28	23 32	15 41			n.a.
S 27	21 17	18 34	1 52	19 13	3 39	19 28	2 51	24 7	0 39	20 49	1 2	7 34	2 43	21 30	0 44	15 21	1 34	18 8	17 3	23 29	23 32	15 38			n.a.
M28	21 5	13 27	3 6	19 26	3 31	19 42	2 47	24 11	0 40	20 45	1 2	7 35	2 43	21 30	0 44	15 21	1 34	18 8	17 3	23 29	23 32	15 36			n.a.
T 29	20 53	7 34	4 6	19 41	3 21	19 55	2 43	24 15	0 41	20 42	1 2	7 36	2 43	21 31	0 44	15 21	1 34	18 9	17 4	23 29	23 32	15 33			n.a.
W30	20 41	1 21	4 48	19 55	3 11	20 7	2 38	24 19	0 42	20 39	1 2	7 37	2 43	21 31	0 44	15 21	1 34	18 10	17 4	23 29	23 32	15 31			n.a.
T 31	20s28	4s46	5s11	20s10	2n59	20s19	2n34	24s22	0s42	20s35	1s 2	7n39	2n44	21n32	0n44	15n21	1s34	18n11	17n 5	23s29	23s33	15s28			n.a.

Julian Day Number = 1272530.5, Delta T = 08h15m47s
Ecliptic obliquity = 23°50'27, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'17, Lahiri = -20°55'17 Julian Calendar 1 Jan. 1229 BCE == Greg. Calendar 21 Dec. 1230 BCE

The year -1228 astronomical counting style corresponds to year 1229 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1229 BCE
geocentric

FEBRUARY 1229 BCE (-1228) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 56 33	1♒ 5'44	14♎ 6	13°R11	15♐ 8	23♐54	4♒14	17°R10	28°R24	15°R48	23°R32	9°R35	8♑43	10♒ 6	n.a.	F 1
S 2	8 0 30	2° 5'29	27°42	12♑53	16°13	24°41	4°28	17♍ 7	28♋22	15♉47	23♍32	9°D34	8°40	10°13	n.a.	S 2
S 3	8 4 26	3° 5'13	10♏52	12°42	17°18	25°27	4°43	17° 5	28°19	15°47	23°31	9♑34	8°37	10°20	n.a.	S 3
M 4	8 8 23	4° 4'56	23°39	12°D37	18°23	26°13	4°57	17° 2	28°16	15°47	23°30	9°35	8°34	10°26	n.a.	M 4
T 5	8 12 20	5° 4'36	6♐ 8	12°38	19°28	27° 0	5°12	16°59	28°14	15°47	23°29	9°37	8°30	10°33	n.a.	T 5
W 6	8 16 16	6° 4'14	18°22	12°45	20°34	27°46	5°26	16°56	28°11	15°D47	23°28	9°38	8°27	10°40	n.a.	W 6
T 7	8 20 13	7° 3'51	0♑25	12°58	21°40	28°32	5°41	16°54	28° 9	15°47	23°27	9°40	8°24	10°46	n.a.	T 7
F 8	8 24 9	8° 3'25	12°20	13°16	22°45	29°19	5°55	16°51	28° 6	15°47	23°26	9°R40	8°21	10°53	n.a.	F 8
S 9	8 28 6	9° 2'58	24°11	13°39	23°52	0♑ 5	6°10	16°48	28° 3	15°47	23°25	9°39	8°18	11° 0	n.a.	S 9
S 10	8 32 2	10° 2'28	6♒ 0	14° 7	24°58	0°51	6°24	16°44	28° 1	15°47	23°24	9°36	8°14	11° 6	n.a.	S 10
M11	8 35 59	11° 1'56	17°48	14°39	26° 4	1°38	6°38	16°41	27°58	15°48	23°23	9°32	8°11	11°13	n.a.	M11
T 12	8 39 55	12° 1'22	29°38	15°16	27°11	2°24	6°53	16°38	27°56	15°48	23°22	9°27	8° 8	11°20	n.a.	T 12
W13	8 43 52	13° 0'45	11♓33	15°57	28°17	3°10	7° 7	16°35	27°53	15°48	23°20	9°21	8° 5	11°26	n.a.	W13
T 14	8 47 49	14° 0'06	23°33	16°41	29°24	3°57	7°22	16°31	27°51	15°48	23°19	9°14	8° 2	11°33	n.a.	T 14
F 15	8 51 45	14°59'25	5♈41	17°29	0♑31	4°43	7°36	16°28	27°48	15°48	23°18	9° 9	7°59	11°40	n.a.	F 15
S 16	8 55 42	15°58'41	18° 0	18°20	1°38	5°29	7°50	16°24	27°46	15°49	23°17	9° 4	7°55	11°46	n.a.	S 16
S 17	8 59 38	16°57'55	0♉33	19°15	2°45	6°16	8° 5	16°21	27°43	15°49	23°16	9° 1	7°52	11°53	n.a.	S 17
M18	9 3 35	17°57'07	13°24	20°12	3°53	7° 2	8°19	16°17	27°41	15°49	23°14	8°D59	7°49	12° 0	n.a.	M18
T 19	9 7 31	18°56'16	26°35	21°12	5° 0	7°48	8°34	16°13	27°39	15°50	23°13	9° 0	7°46	12° 6	n.a.	T 19
W20	9 11 28	19°55'23	10♊ 9	22°15	6° 8	8°34	8°48	16°10	27°36	15°50	23°12	9° 1	7°43	12°13	n.a.	W20
T 21	9 15 24	20°54'27	24°10	23°20	7°16	9°21	9° 2	16° 6	27°34	15°51	23°10	9° 2	7°40	12°20	n.a.	T 21
F 22	9 19 21	21°53'29	8♋35	24°27	8°23	10° 7	9°16	16° 2	27°32	15°51	23° 9	9°R 3	7°36	12°26	n.a.	F 22
S 23	9 23 17	22°52'28	23°24	25°37	9°31	10°53	9°31	15°58	27°29	15°52	23° 8	9° 2	7°33	12°33	n.a.	S 23
S 24	9 27 14	23°51'25	8♌30	26°50	10°39	11°40	9°45	15°54	27°27	15°52	23° 6	8°59	7°30	12°40	n.a.	S 24
M25	9 31 11	24°50'20	23°45	28° 4	11°47	12°26	9°59	15°50	27°25	15°53	23° 5	8°54	7°27	12°46	n.a.	M25
T 26	9 35 7	25°49'12	8♍59	29°20	12°56	13°12	10°13	15°46	27°23	15°54	23° 3	8°48	7°24	12°53	n.a.	T 26
W27	9 39 4	26°48'02	24° 1	0♒38	14° 4	13°58	10°27	15°42	27°20	15°54	23° 2	8°41	7°20	13° 0	n.a.	W27
T 28	9 43 0	27°46'51	8♎43	1°58	15°13	14°45	10°42	15°38	27°18	15°55	23° 0	8°33	7°17	13° 6	n.a.	T 28
F 29	9 46 57	28♒45'37	22♎57	3♒20	16♑21	15♑31	10♒56	15♍33	27♋16	15♉56	22♍59	8♑27	7♑14	13♒13	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s15	10s28	5s15	20s25	2n47	20s31	2n30	24s25	0s43	20s32	1s 2	7n40	2n44	21n32	0n44	15n21	1s34	18n11	17n 5	23s29	23s33	15s25		n.a.
S 2	20 2	15 29	5 0	20 39	2 34	20 42	2 25	24 28	0 44	20 28	1 2	7 41	2 44	21 33	0 44	15 21	1 34	18 12	17 5	23 29	23 33	15 23		n.a.
S 3	19 48	19 36	4 30	20 53	2 21	20 53	2 21	24 30	0 45	20 25	1 2	7 42	2 44	21 33	0 44	15 21	1 34	18 13	17 6	23 29	23 33	15 20		n.a.
M 4	19 34	22 39	3 47	21 7	2 7	21 4	2 16	24 33	0 45	20 21	1 2	7 43	2 45	21 34	0 44	15 21	1 34	18 14	17 6	23 29	23 34	15 18		n.a.
T 5	19 19	24 33	2 54	21 20	1 54	21 13	2 12	24 35	0 46	20 18	1 2	7 45	2 45	21 34	0 44	15 21	1 34	18 14	17 7	23 29	23 34	15 15		n.a.
W 6	19 4	25 13	1 55	21 33	1 40	21 23	2 7	24 36	0 47	20 14	1 3	7 46	2 45	21 35	0 44	15 21	1 34	18 15	17 7	23 29	23 34	15 13		n.a.
T 7	18 49	24 41	0 51	21 45	1 27	21 32	2 3	24 38	0 48	20 11	1 3	7 47	2 45	21 36	0 44	15 21	1 34	18 16	17 8	23 29	23 34	15 10		n.a.
F 8	18 33	23 1	0n15	21 57	1 14	21 40	1 58	24 39	0 48	20 7	1 3	7 49	2 45	21 36	0 44	15 21	1 34	18 17	17 8	23 29	23 34	15 8		n.a.
S 9	18 18	20 21	1 19	22 7	1 1	21 48	1 54	24 40	0 49	20 3	1 3	7 50	2 46	21 37	0 44	15 21	1 34	18 17	17 8	23 29	23 35	15 5		n.a.
S 10	18 2	16 50	2 19	22 17	0 48	21 55	1 49	24 40	0 50	20 0	1 3	7 51	2 46	21 37	0 44	15 21	1 34	18 18	17 9	23 29	23 35	15 3		n.a.
M11	17 45	12 41	3 14	22 26	0 35	22 2	1 45	24 40	0 51	19 56	1 3	7 53	2 46	21 38	0 44	15 21	1 33	18 19	17 9	23 29	23 35	15 0		n.a.
T 12	17 28	8 3	4 0	22 34	0 23	22 8	1 40	24 40	0 51	19 53	1 3	7 54	2 46	21 38	0 44	15 21	1 33	18 20	17 10	23 30	23 35	14 58		n.a.
W13	17 11	3 7	4 36	22 41	0 11	22 14	1 36	24 40	0 52	19 49	1 3	7 56	2 46	21 39	0 44	15 21	1 33	18 21	17 10	23 30	23 35	14 55		n.a.
T 14	16 54	1n58	5 0	22 47	0s 0	22 19	1 31	24 40	0 53	19 45	1 3	7 57	2 47	21 39	0 44	15 22	1 33	18 21	17 10	23 31	23 36	14 52		n.a.
F 15	16 37	7 2	5 11	22 52	0 11	22 24	1 27	24 39	0 53	19 42	1 3	7 59	2 47	21 40	0 44	15 22	1 33	18 22	17 11	23 31	23 36	14 50		n.a.
S 16	16 19	11 54	5 7	22 55	0 22	22 28	1 22	24 38	0 54	19 38	1 3	8 1	2 47	21 40	0 44	15 22	1 33	18 23	17 11	23 32	23 36	14 47		n.a.
S 17	16 1	16 22	4 50	22 58	0 32	22 31	1 18	24 36	0 55	19 34	1 3	8 2	2 47	21 41	0 44	15 22	1 33	18 24	17 11	23 32	23 36	14 45		n.a.
M18	15 42	20 12	4 17	22 59	0 42	22 34	1 13	24 35	0 56	19 30	1 3	8 4	2 47	21 41	0 44	15 22	1 33	18 25	17 12	23 32	23 36	14 42		n.a.
T 19	15 24	23 7	3 30	22 59	0 51	22 36	1 9	24 33	0 56	19 27	1 3	8 5	2 48	21 42	0 44	15 22	1 33	18 26	17 12	23 32	23 37	14 40		n.a.
W20	15 5	24 50	2 30	22 58	1 0	22 38	1 4	24 30	0 57	19 23	1 4	8 7	2 48	21 42	0 44	15 23	1 33	18 26	17 12	23 32	23 37	14 37		n.a.
T 21	14 46	25 2	1 20	22 55	1 9	22 39	1 0	24 28	0 58	19 19	1 4	8 9	2 48	21 43	0 44	15 23	1 33	18 27	17 13	23 32	23 37	14 34		n.a.
F 22	14 27	23 36	0 2	22 51	1 17	22 39	0 55	24 25	0 58	19 15	1 4	8 10	2 48	21 43	0 44	15 23	1 33	18 28	17 13	23 32	23 37	14 32		n.a.
S 23	14 7	20 31	1s17	22 45	1 24	22 39	0 51	24 22	0 59	19 12	1 4	8 12	2 48	21 43	0 44	15 23	1 33	18 29	17 13	23 32	23 37	14 29		n.a.
S 24	13 48	15 59	2 33	22 38	1 32	22 38	0 47	24 19	1 0	19 8	1 4	8 14	2 48	21 44	0 44	15 23	1 33	18 30	17 13	23 32	23 37	14 27		n.a.
M25	13 28	10 24	3 38	22 30	1 38	22 36	0 42	24 15	1 1	19 4	1 4	8 15	2 48	21 44	0 44	15 24	1 33	18 30	17 14	23 32	23 38	14 24		n.a.
T 26	13 8	4 13	4 28	22 20	1 44	22 34	0 38	24 11	1 1	19 0	1 4	8 17	2 49	21 45	0 44	15 24	1 33	18 31	17 14	23 33	23 38	14 22		n.a.
W27	12 47	2s 8	4 58	22 8	1 50	22 31	0 34	24 7	1 2	18 56	1 4	8 19	2 49	21 45	0 44	15 24	1 32	18 32	17 14	23 33	23 38	14 19		n.a.
T 28	12 27	8 12	5 8	21 55	1 55	22 28	0 30	24 3	1 3	18 53	1 4	8 21	2 49	21 46	0 43	15 24	1 32	18 33	17 14	23 34	23 38	14 16		n.a.
F 29	12s 6	13s40	4s58	21s41	2s 0	22s24	0n26	23s58	1s 3	18s49	1s 4	8n22	2n49	21n46	0n43	15n25	1s32	18n34	17n15	23s34	23s38	14s14		n.a.

Julian Day Number = 1272561.5, Delta T = 08h15m45s
Ecliptic obliquity = 23°50'27, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'13, Lahiri = -20°55'12 Julian Calendar 1 Feb. 1229 BCE == Greg. Calendar 21 Jan. 1229 BCE

The year -1228 astronomical counting style corresponds to year 1229 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1229 BCE
geocentric

MARCH 1229 BCE (-1228) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 50 53	29♒44'22	6♏42	4♒44	17♑30	16♑17	11♒10	15°R29	27°R14	15♉57	22°R57	8°R23	7♑11	13♒20	n.a.	S 1
S 2	9 54 50	0♓43'04	19°58	6°10	18°39	17° 3	11°24	15♍25	27♋12	15°57	22♍56	8♑20	7° 8	13°26	n.a.	S 2
M 3	9 58 46	1°41'45	2♐47	7°37	19°47	17°50	11°38	15°21	27°10	15°58	22°54	8°D20	7° 5	13°33	n.a.	M 3
T 4	10 2 43	2°40'25	15°14	9° 6	20°56	18°36	11°52	15°16	27° 8	15°59	22°53	8°20	7° 1	13°40	n.a.	T 4
W 5	10 6 39	3°39'02	27°24	10°37	22° 5	19°22	12° 6	15°12	27° 6	16° 0	22°51	8°21	6°58	13°46	n.a.	W 5
T 6	10 10 36	4°37'38	9♑22	12°10	23°15	20° 8	12°20	15° 8	27° 4	16° 1	22°50	8°R22	6°55	13°53	n.a.	T 6
F 7	10 14 33	5°36'11	21°13	13°44	24°24	20°54	12°33	15° 3	27° 2	16° 2	22°48	8°21	6°52	14° 0	n.a.	F 7
S 8	10 18 29	6°34'43	3♒ 0	15°20	25°33	21°40	12°47	14°59	27° 0	16° 3	22°47	8°18	6°49	14° 6	n.a.	S 8
S 9	10 22 26	7°33'13	14°48	16°57	26°42	22°27	13° 1	14°54	26°59	16° 4	22°45	8°12	6°46	14°13	n.a.	S 9
M10	10 26 22	8°31'41	26°38	18°36	27°52	23°13	13°15	14°50	26°57	16° 5	22°43	8° 4	6°42	14°20	n.a.	M10
T 11	10 30 19	9°30'06	8♓34	20°17	29° 1	23°59	13°28	14°45	26°55	16° 6	22°42	7°54	6°39	14°26	n.a.	T 11
W12	10 34 15	10°28'30	20°36	21°59	0♒11	24°45	13°42	14°41	26°53	16° 7	22°40	7°42	6°36	14°33	n.a.	W12
T 13	10 38 12	11°26'52	2♈46	23°43	1°20	25°31	13°56	14°36	26°52	16° 8	22°38	7°30	6°33	14°40	n.a.	T 13
F 14	10 42 8	12°25'12	15° 5	25°29	2°30	26°17	14° 9	14°32	26°50	16° 9	22°37	7°19	6°30	14°47	n.a.	F 14
S 15	10 46 5	13°23'29	27°35	27°16	3°40	27° 3	14°23	14°27	26°49	16°11	22°35	7°10	6°26	14°53	n.a.	S 15
S 16	10 50 1	14°21'45	10♉16	29° 5	4°50	27°49	14°36	14°23	26°47	16°12	22°33	7° 2	6°23	15° 0	n.a.	S 16
M17	10 53 58	15°19'58	23°10	0♓56	5°59	28°35	14°50	14°18	26°46	16°13	22°32	6°58	6°20	15° 7	n.a.	M17
T 18	10 57 55	16°18'10	6♊21	2°48	7° 9	29°21	15° 3	14°14	26°44	16°14	22°30	6°56	6°17	15°13	n.a.	T 18
W19	11 1 51	17°16'19	19°50	4°42	8°19	0♒ 6	15°16	14° 9	26°43	16°16	22°28	6°D56	6°14	15°20	n.a.	W19
T 20	11 5 48	18°14'26	3♋40	6°38	9°29	0°52	15°30	14° 5	26°41	16°17	22°27	6°R56	6°11	15°27	n.a.	T 20
F 21	11 9 44	19°12'31	17°51	8°35	10°39	1°38	15°43	14° 0	26°40	16°18	22°25	6°56	6° 7	15°33	n.a.	F 21
S 22	11 13 41	20°10'34	2♌23	10°34	11°49	2°24	15°56	13°56	26°39	16°20	22°23	6°53	6° 4	15°40	n.a.	S 22
S 23	11 17 37	21° 8'34	17°12	12°35	13° 0	3°10	16° 9	13°51	26°38	16°21	22°22	6°49	6° 1	15°47	n.a.	S 23
M24	11 21 34	22° 6'33	2♍13	14°37	14°10	3°55	16°22	13°47	26°37	16°23	22°20	6°42	5°58	15°53	n.a.	M24
T 25	11 25 30	23° 4'30	17°16	16°40	15°20	4°41	16°35	13°42	26°35	16°24	22°18	6°32	5°55	16° 0	n.a.	T 25
W26	11 29 27	24° 2'25	2♎13	18°45	16°30	5°27	16°48	13°38	26°34	16°26	22°17	6°22	5°51	16° 7	n.a.	W26
T 27	11 33 24	25° 0'18	16°54	20°52	17°41	6°12	17° 1	13°34	26°33	16°27	22°15	6°11	5°48	16°13	n.a.	T 27
F 28	11 37 20	25°58'09	1♏11	22°59	18°51	6°58	17°14	13°29	26°32	16°29	22°13	6° 1	5°45	16°20	n.a.	F 28
S 29	11 41 17	26°56'00	15° 0	25° 7	20° 2	7°43	17°26	13°25	26°32	16°30	22°11	5°54	5°42	16°27	n.a.	S 29
S 30	11 45 13	27°53'49	28°21	27°17	21°12	8°29	17°39	13°21	26°31	16°32	22°10	5°49	5°39	16°33	n.a.	S 30
M31	11 49 10	28♓51'36	11♐14	29♓26	22♒23	9♒14	17♒52	13♍16	26♋30	16♉33	22♍ 8	5♑46	5♑36	16♒40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s45	18s14	4s31	21s25	2s 4	22s19	0n21	23s53	1s 4	18s45	1s 5	8n24	2n49	21n46	0n43	15n25	1s32	18n34	17n15	23s34	23s39	14s11		n.a.
S 2	11 24	21 43	3 51	21 7	2 8	22 14	0 17	23 48	1 5	18 41	1 5	8 26	2 49	21 47	0 43	15 25	1 32	18 35	17 15	23 34	23 39	14 9		n.a.
M 3	11 3	24 0	2 59	20 47	2 11	22 8	0 13	23 43	1 5	18 37	1 5	8 28	2 49	21 47	0 43	15 26	1 32	18 36	17 15	23 34	23 39	14 6		n.a.
T 4	10 42	25 1	2 1	20 26	2 14	22 2	0 9	23 37	1 6	18 33	1 5	8 30	2 49	21 48	0 43	15 26	1 32	18 37	17 16	23 34	23 39	14 3		n.a.
W 5	10 20	24 48	0 59	20 3	2 17	21 54	0 5	23 31	1 7	18 30	1 5	8 31	2 49	21 48	0 43	15 26	1 32	18 38	17 16	23 34	23 39	14 1		n.a.
T 6	9 58	23 25	0n 5	19 39	2 18	21 47	0 2	23 25	1 7	18 26	1 5	8 33	2 50	21 48	0 43	15 27	1 32	18 38	17 16	23 34	23 39	13 58		n.a.
F 7	9 37	21 1	1 8	19 12	2 20	21 38	0s 2	23 18	1 8	18 22	1 5	8 35	2 50	21 49	0 43	15 27	1 32	18 39	17 16	23 34	23 40	13 56		n.a.
S 8	9 15	17 44	2 8	18 45	2 21	21 29	0 6	23 11	1 9	18 18	1 5	8 37	2 50	21 49	0 43	15 27	1 32	18 40	17 16	23 35	23 40	13 53		n.a.
S 9	8 53	13 46	3 2	18 15	2 21	21 20	0 10	23 4	1 9	18 14	1 6	8 39	2 50	21 49	0 43	15 28	1 32	18 41	17 16	23 35	23 40	13 50		n.a.
M10	8 30	9 16	3 48	17 43	2 21	21 9	0 13	22 57	1 10	18 10	1 6	8 40	2 50	21 50	0 43	15 28	1 32	18 42	17 16	23 35	23 40	13 48		n.a.
T 11	8 8	4 25	4 25	17 10	2 20	20 59	0 17	22 50	1 10	18 6	1 6	8 42	2 50	21 50	0 43	15 28	1 32	18 42	17 17	23 36	23 40	13 45		n.a.
W12	7 46	0n39	4 50	16 36	2 18	20 47	0 21	22 42	1 11	18 2	1 6	8 44	2 50	21 50	0 43	15 29	1 32	18 43	17 17	23 37	23 40	13 43		n.a.
T 13	7 23	5 43	5 2	15 59	2 17	20 35	0 24	22 34	1 12	17 59	1 6	8 46	2 50	21 51	0 43	15 29	1 32	18 44	17 17	23 37	23 41	13 40		n.a.
F 14	7 1	10 38	5 0	15 21	2 14	20 23	0 28	22 26	1 12	17 55	1 6	8 48	2 50	21 51	0 43	15 29	1 32	18 45	17 17	23 38	23 41	13 37		n.a.
S 15	6 38	15 11	4 44	14 40	2 11	20 10	0 31	22 17	1 13	17 51	1 6	8 49	2 50	21 51	0 43	15 30	1 31	18 45	17 17	23 39	23 41	13 35		n.a.
S 16	6 15	19 9	4 14	13 59	2 8	19 56	0 34	22 9	1 13	17 47	1 6	8 51	2 50	21 51	0 43	15 30	1 31	18 46	17 17	23 39	23 41	13 32		n.a.
M17	5 52	22 16	3 31	13 15	2 4	19 42	0 37	22 0	1 14	17 43	1 7	8 53	2 50	21 52	0 43	15 31	1 31	18 47	17 17	23 39	23 41	13 30		n.a.
T 18	5 30	24 16	2 35	12 30	1 59	19 27	0 41	21 51	1 15	17 39	1 7	8 55	2 50	21 52	0 43	15 31	1 31	18 48	17 17	23 39	23 41	13 27		n.a.
W19	5 7	24 56	1 30	11 43	1 54	19 11	0 44	21 42	1 15	17 35	1 7	8 57	2 50	21 52	0 43	15 32	1 31	18 48	17 17	23 39	23 41	13 24		n.a.
T 20	4 44	24 5	0 17	10 54	1 49	18 56	0 47	21 32	1 16	17 32	1 7	8 58	2 50	21 52	0 43	15 32	1 31	18 49	17 17	23 39	23 42	13 22		n.a.
F 21	4 20	21 41	0s58	10 4	1 42	18 39	0 50	21 22	1 16	17 28	1 7	9 0	2 50	21 53	0 43	15 32	1 31	18 50	17 17	23 39	23 42	13 19		n.a.
S 22	3 57	17 50	2 11	9 12	1 36	18 22	0 53	21 12	1 17	17 24	1 7	9 2	2 50	21 53	0 43	15 33	1 31	18 50	17 17	23 39	23 42	13 16		n.a.
S 23	3 34	12 50	3 16	8 19	1 28	18 5	0 55	21 2	1 18	17 20	1 8	9 4	2 50	21 53	0 43	15 33	1 31	18 51	17 17	23 40	23 42	13 14		n.a.
M24	3 11	7 0	4 9	7 24	1 21	17 47	0 58	20 52	1 18	17 16	1 8	9 5	2 50	21 53	0 43	15 34	1 31	18 52	17 17	23 40	23 42	13 11		n.a.
T 25	2 48	0 45	4 45	6 27	1 13	17 28	1 1	20 41	1 19	17 12	1 8	9 7	2 50	21 53	0 43	15 34	1 31	18 52	17 17	23 41	23 42	13 9		n.a.
W26	2 24	5s29	5 0	5 30	1 4	17 10	1 3	20 30	1 19	17 8	1 8	9 9	2 50	21 54	0 43	15 35	1 31	18 53	17 17	23 41	23 43	13 6		n.a.
T 27	2 1	11 17	4 56	4 31	0 55	16 50	1 6	20 19	1 20	17 5	1 8	9 10	2 50	21 54	0 43	15 35	1 31	18 54	17 17	23 42	23 43	13 3		n.a.
F 28	1 38	16 20	4 33	3 31	0 45	16 30	1 8	20 8	1 20	17 1	1 8	9 12	2 50	21 54	0 43	15 36	1 31	18 54	17 17	23 42	23 43	13 1		n.a.
S 29	1 14	20 20	3 55	2 31	0 36	16 10	1 11	19 57	1 21	16 57	1 9	9 14	2 50	21 54	0 43	15 36	1 31	18 55	17 17	23 42	23 43	12 58		n.a.
S 30	0 51	23 7	3 4	1 29	0 26	15 49	1 13	19 45	1 21	16 53	1 9	9 15	2 50	21 54	0 43	15 37	1 31	18 56	17 17	23 43	23 43	12 55		n.a.
M31	0s28	24s35	2s 6	0s28	0s15	15s28	1s15	19s33	1s22	16s50	1s 9	9n17	2n50	21n54	0n43	15n37	1s31	18n56	17n17	23s43	23s43	12s53		n.a.

Julian Day Number = 1272590.5, Delta T = 08h15m44s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'09, Lahiri = -20°55'08 Julian Calendar 1 March 1229 BCE == Greg. Calendar 19 Feb. 1229 BCE

The year -1228 astronomical counting style corresponds to year 1229 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1229 BCE
geocentric

APRIL 1229 BCE (-1228) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 53 6	29♓49'22	23♐44	1♈37	23♒33	10♒ 0	18♒ 4	13°R12	26°R29	16♉35	22°R 6	5°R45	5♑32	16♒47	n.a.	T 1
W 2	11 57 3	0♈47'07	5♑56	3°47	24°44	10°45	18°17	13♍ 8	26♋28	16°37	22♍ 5	5♑45	5°29	16°53	n.a.	W 2
T 3	12 0 59	1°44'51	17°54	5°57	25°55	11°31	18°29	13° 4	26°28	16°38	22° 3	5°45	5°26	17° 0	n.a.	T 3
F 4	12 4 56	2°42'33	29°45	8° 7	27° 6	12°16	18°41	13° 0	26°27	16°40	22° 1	5°43	5°23	17° 7	n.a.	F 4
S 5	12 8 53	3°40'14	11♒33	10°16	28°16	13° 1	18°53	12°56	26°27	16°42	22° 0	5°39	5°20	17°13	n.a.	S 5
S 6	12 12 49	4°37'54	23°22	12°24	29°27	13°47	19° 6	12°51	26°26	16°44	21°58	5°32	5°17	17°20	n.a.	S 6
M 7	12 16 46	5°35'32	5♓17	14°31	0♓38	14°32	19°18	12°47	26°26	16°45	21°56	5°23	5°13	17°27	n.a.	M 7
T 8	12 20 42	6°33'09	17°20	16°36	1°49	15°17	19°30	12°44	26°25	16°47	21°55	5°12	5°10	17°33	n.a.	T 8
W 9	12 24 39	7°30'45	29°32	18°39	3° 0	16° 2	19°42	12°40	26°25	16°49	21°53	4°59	5° 7	17°40	n.a.	W 9
T 10	12 28 35	8°28'20	11♈55	20°41	4°11	16°47	19°53	12°36	26°25	16°51	21°52	4°45	5° 4	17°47	n.a.	T 10
F 11	12 32 32	9°25'53	24°30	22°40	5°22	17°32	20° 5	12°32	26°25	16°53	21°50	4°32	5° 1	17°53	n.a.	F 11
S 12	12 36 28	10°23'24	7♉16	24°37	6°33	18°17	20°17	12°28	26°24	16°54	21°48	4°21	4°57	18° 0	n.a.	S 12
S 13	12 40 25	11°20'55	20°13	26°31	7°44	19° 2	20°28	12°25	26°24	16°56	21°47	4°13	4°54	18° 7	n.a.	S 13
M14	12 44 21	12°18'24	3♊21	28°23	8°56	19°47	20°40	12°21	26°24	16°58	21°45	4° 7	4°51	18°14	n.a.	M14
T 15	12 48 18	13°15'51	16°42	0♉12	10° 7	20°32	20°51	12°17	26°D24	17° 0	21°44	4° 5	4°48	18°20	n.a.	T 15
W16	12 52 15	14°13'18	0♋16	1°59	11°18	21°17	21° 3	12°14	26°24	17° 2	21°42	4°D 4	4°45	18°27	n.a.	W16
T 17	12 56 11	15°10'42	14° 4	3°42	12°29	22° 1	21°14	12°10	26°24	17° 4	21°41	4°R 4	4°42	18°34	n.a.	T 17
F 18	13 0 8	16° 8'05	28° 6	5°22	13°41	22°46	21°25	12° 7	26°24	17° 6	21°39	4° 3	4°38	18°40	n.a.	F 18
S 19	13 4 4	17° 5'27	12♌24	7° 0	14°52	23°31	21°36	12° 4	26°25	17° 8	21°38	4° 2	4°35	18°47	n.a.	S 19
S 20	13 8 1	18° 2'47	26°54	8°34	16° 3	24°15	21°47	12° 1	26°25	17°10	21°36	3°57	4°32	18°54	n.a.	S 20
M21	13 11 57	19° 0'06	11♍32	10° 6	17°15	25° 0	21°58	11°57	26°25	17°12	21°35	3°51	4°29	19° 0	n.a.	M21
T 22	13 15 54	19°57'24	26°13	11°34	18°26	25°44	22° 8	11°54	26°26	17°14	21°33	3°41	4°26	19° 7	n.a.	T 22
W23	13 19 50	20°54'41	10♎50	12°59	19°37	26°28	22°19	11°51	26°26	17°16	21°32	3°31	4°22	19°14	n.a.	W23
T 24	13 23 47	21°51'56	25°14	14°21	20°49	27°13	22°30	11°48	26°26	17°18	21°30	3°21	4°19	19°20	n.a.	T 24
F 25	13 27 44	22°49'11	9♏21	15°40	22° 0	27°57	22°40	11°46	26°27	17°20	21°29	3°11	4°16	19°27	n.a.	F 25
S 26	13 31 40	23°46'25	23° 4	16°56	23°12	28°41	22°50	11°43	26°28	17°22	21°28	3° 3	4°13	19°34	n.a.	S 26
S 27	13 35 37	24°43'39	6♐22	18° 8	24°24	29°25	23° 1	11°40	26°28	17°24	21°26	2°58	4°10	19°40	n.a.	S 27
M28	13 39 33	25°40'51	19°15	19°17	25°35	0♓10	23°11	11°37	26°29	17°26	21°25	2°55	4° 7	19°47	n.a.	M28
T 29	13 43 30	26°38'04	1♑47	20°23	26°47	0°54	23°21	11°35	26°30	17°28	21°24	2°D55	4° 3	19°54	n.a.	T 29
W30	13 47 26	27♈35'15	14♑ 1	21♉25	27♓59	1♓38	23♒31	11♍32	26♋30	17♉31	21♍22	2♑55	4♑ 0	20♒ 0	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 4	24s45	1s 3	0n35	0s 5	15s 6	1s17	19s21	1s22	16s46	1s 9	9n19	2n50	21n54	0n43	15n38	1s31	18n57	17n17	23s43	23s43	12s50		n.a.
W 2	0n19	23 41	0n 1	1 37	0n 6	14 44	1 19	19 9	1 23	16 42	1 9	9 20	2 50	21 55	0 43	15 38	1 31	18 57	17 17	23 43	23 43	12 47		n.a.
T 3	0 42	21 34	1 4	2 39	0 17	14 22	1 21	18 57	1 23	16 38	1 9	9 22	2 50	21 55	0 43	15 39	1 31	18 58	17 16	23 43	23 44	12 45		n.a.
F 4	1 6	18 32	2 3	3 41	0 27	13 59	1 23	18 45	1 24	16 35	1 10	9 23	2 49	21 55	0 43	15 39	1 30	18 58	17 16	23 43	23 44	12 42		n.a.
S 5	1 29	14 46	2 57	4 42	0 38	13 36	1 25	18 32	1 24	16 31	1 10	9 25	2 49	21 55	0 43	15 40	1 30	18 59	17 16	23 43	23 44	12 39		n.a.
S 6	1 52	10 26	3 43	5 43	0 48	13 12	1 27	18 19	1 25	16 27	1 10	9 26	2 49	21 55	0 43	15 40	1 30	19 0	17 16	23 43	23 44	12 37		n.a.
M 7	2 15	5 42	4 20	6 42	0 58	12 48	1 28	18 6	1 25	16 24	1 10	9 28	2 49	21 55	0 43	15 41	1 30	19 0	17 16	23 44	23 44	12 34		n.a.
T 8	2 39	0 43	4 46	7 40	1 8	12 24	1 30	17 53	1 26	16 20	1 10	9 29	2 49	21 55	0 42	15 41	1 30	19 1	17 16	23 44	23 44	12 31		n.a.
W 9	3 2	4n22	4 59	8 37	1 17	11 59	1 31	17 40	1 26	16 16	1 11	9 31	2 49	21 55	0 42	15 42	1 30	19 1	17 16	23 45	23 44	12 29		n.a.
T 10	3 25	9 20	4 58	9 32	1 26	11 34	1 33	17 26	1 27	16 13	1 11	9 32	2 49	21 55	0 42	15 43	1 30	19 2	17 15	23 45	23 45	12 26		n.a.
F 11	3 48	14 0	4 42	10 25	1 35	11 9	1 34	17 13	1 27	16 9	1 11	9 33	2 49	21 55	0 42	15 43	1 30	19 2	17 15	23 46	23 45	12 23		n.a.
S 12	4 11	18 8	4 13	11 17	1 43	10 44	1 35	16 59	1 27	16 5	1 11	9 35	2 49	21 55	0 42	15 44	1 30	19 2	17 15	23 46	23 45	12 21		n.a.
S 13	4 34	21 27	3 30	12 6	1 50	10 18	1 37	16 45	1 28	16 2	1 11	9 36	2 48	21 55	0 42	15 44	1 30	19 3	17 15	23 46	23 45	12 18		n.a.
M14	4 57	23 42	2 35	12 54	1 57	9 52	1 38	16 31	1 28	15 58	1 12	9 37	2 48	21 55	0 42	15 45	1 30	19 3	17 15	23 47	23 45	12 15		n.a.
T 15	5 19	24 40	1 31	13 39	2 3	9 25	1 39	16 17	1 29	15 55	1 12	9 39	2 48	21 55	0 42	15 45	1 30	19 4	17 14	23 47	23 45	12 13		n.a.
W16	5 42	24 11	0 20	14 22	2 8	8 59	1 40	16 3	1 29	15 51	1 12	9 40	2 48	21 55	0 42	15 46	1 30	19 4	17 14	23 47	23 45	12 10		n.a.
T 17	6 4	22 13	0s53	15 2	2 13	8 32	1 40	15 49	1 29	15 48	1 12	9 41	2 48	21 55	0 42	15 47	1 30	19 4	17 14	23 47	23 45	12 7		n.a.
F 18	6 27	18 52	2 4	15 40	2 17	8 4	1 41	15 34	1 30	15 44	1 12	9 42	2 48	21 55	0 42	15 47	1 30	19 5	17 13	23 47	23 45	12 5		n.a.
S 19	6 49	14 22	3 8	16 17	2 20	7 37	1 42	15 19	1 30	15 41	1 13	9 43	2 48	21 55	0 42	15 48	1 30	19 5	17 13	23 47	23 46	12 2		n.a.
S 20	7 12	8 59	4 1	16 50	2 22	7 9	1 42	15 5	1 31	15 38	1 13	9 45	2 47	21 55	0 42	15 48	1 30	19 6	17 13	23 47	23 46	11 59		n.a.
M21	7 34	3 4	4 39	17 22	2 24	6 42	1 43	14 50	1 31	15 34	1 13	9 46	2 47	21 55	0 42	15 49	1 30	19 6	17 13	23 47	23 46	11 57		n.a.
T 22	7 56	3s 2	4 59	17 51	2 25	6 14	1 43	14 35	1 31	15 31	1 13	9 47	2 47	21 54	0 42	15 50	1 30	19 6	17 12	23 47	23 46	11 54		n.a.
W23	8 18	8 56	4 59	18 18	2 25	5 46	1 44	14 20	1 32	15 28	1 14	9 48	2 47	21 54	0 42	15 50	1 30	19 6	17 12	23 48	23 46	11 51		n.a.
T 24	8 39	14 15	4 40	18 42	2 24	5 17	1 44	14 5	1 32	15 24	1 14	9 49	2 47	21 54	0 42	15 51	1 30	19 7	17 12	23 48	23 46	11 49		n.a.
F 25	9 1	18 42	4 4	19 5	2 23	4 49	1 44	13 49	1 32	15 21	1 14	9 50	2 47	21 54	0 42	15 51	1 30	19 7	17 11	23 48	23 46	11 46		n.a.
S 26	9 23	21 59	3 15	19 25	2 21	4 20	1 44	13 34	1 33	15 18	1 14	9 51	2 46	21 54	0 42	15 52	1 30	19 7	17 11	23 48	23 46	11 43		n.a.
S 27	9 44	23 58	2 16	19 43	2 18	3 51	1 44	13 19	1 33	15 15	1 15	9 51	2 46	21 54	0 42	15 53	1 30	19 7	17 11	23 48	23 46	11 41		n.a.
M28	10 5	24 36	1 12	19 59	2 14	3 22	1 44	13 3	1 33	15 12	1 15	9 52	2 46	21 54	0 42	15 53	1 30	19 8	17 10	23 48	23 47	11 38		n.a.
T 29	10 26	23 56	0 6	20 13	2 9	2 53	1 44	12 47	1 33	15 8	1 15	9 53	2 46	21 53	0 42	15 54	1 30	19 8	17 10	23 48	23 47	11 35		n.a.
W30	10n47	22s 7	0n59	20n24	2n 4	2s24	1s44	12s32	1s34	15s 5	1s15	9n54	2n46	21n53	0n42	15n55	1s30	19n 8	17n10	23s48	23s47	11s33		n.a.

Julian Day Number = 1272621.5, Delta T = 08h15m42s
Ecliptic obliquity = 23°50'27, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'05, Lahiri = -20°55'04 Julian Calendar 1 Apr. 1229 BCE == Greg. Calendar 21 March 1229 BCE

The year -1228 astronomical counting style corresponds to year 1229 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1229 BCE
geocentric

MAY 1229 BCE (-1228) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 51 23	28♈32'26	26♋ 1	22♉24	29♓10	2♓22	23♒40	11°R30	26♋31	17♉33	21°R21	2°R55	3♋57	20♒ 7	n.a.	T 1
F 2	13 55 20	29°29'37	7♒54	23°19	0♈22	3° 5	23°50	11♍28	26°32	17°35	21♍20	2♋55	3°54	20°14	n.a.	F 2
S 3	13 59 16	0♉26'47	19°44	24°10	1°34	3°49	24° 0	11°26	26°33	17°37	21°19	2°53	3°51	20°21	n.a.	S 3
S 4	14 3 13	1°23'57	1♓36	24°58	2°46	4°33	24° 9	11°23	26°34	17°39	21°18	2°49	3°48	20°27	n.a.	S 4
M 5	14 7 9	2°21'07	13°35	25°42	3°58	5°17	24°18	11°21	26°35	17°41	21°16	2°43	3°44	20°34	n.a.	M 5
T 6	14 11 6	3°18'16	25°44	26°21	5° 9	6° 0	24°27	11°19	26°36	17°43	21°15	2°34	3°41	20°41	n.a.	T 6
W 7	14 15 2	4°15'24	8♈ 6	26°57	6°21	6°44	24°37	11°18	26°37	17°46	21°14	2°25	3°38	20°47	n.a.	W 7
T 8	14 18 59	5°12'33	20°43	27°29	7°33	7°27	24°45	11°16	26°38	17°48	21°13	2°14	3°35	20°54	n.a.	T 8
F 9	14 22 55	6° 9'41	3♉34	27°56	8°45	8°11	24°54	11°14	26°40	17°50	21°12	2° 5	3°32	21° 1	n.a.	F 9
S 10	14 26 52	7° 6'48	16°39	28°19	9°57	8°54	25° 3	11°12	26°41	17°52	21°11	1°56	3°28	21° 7	n.a.	S 10
S 11	14 30 49	8° 3'56	29°57	28°37	11° 9	9°37	25°11	11°11	26°42	17°54	21°10	1°50	3°25	21°14	n.a.	S 11
M12	14 34 45	9° 1'02	13♊28	28°51	12°22	10°20	25°20	11°10	26°44	17°57	21° 9	1°47	3°22	21°21	n.a.	M12
T 13	14 38 42	9°58'09	27° 8	29° 1	13°34	11° 3	25°28	11° 8	26°45	17°59	21° 8	1°D45	3°19	21°27	n.a.	T 13
W14	14 42 38	10°55'15	10♋57	29° 6	14°46	11°46	25°36	11° 7	26°47	18° 1	21° 7	1°45	3°16	21°34	n.a.	W14
T 15	14 46 35	11°52'20	24°55	29°R 6	15°58	12°29	25°44	11° 6	26°48	18° 3	21° 6	1°46	3°13	21°41	n.a.	T 15
F 16	14 50 31	12°49'25	9♌ 0	29° 2	17°10	13°12	25°52	11° 5	26°50	18° 6	21° 5	1°R47	3° 9	21°48	n.a.	F 16
S 17	14 54 28	13°46'29	23°11	28°53	18°22	13°55	26° 0	11° 4	26°52	18° 8	21° 4	1°47	3° 6	21°54	n.a.	S 17
S 18	14 58 24	14°43'32	7♍27	28°40	19°35	14°38	26° 7	11° 3	26°53	18°10	21° 4	1°45	3° 3	22° 1	n.a.	S 18
M19	15 2 21	15°40'36	21°44	28°23	20°47	15°20	26°15	11° 2	26°55	18°12	21° 3	1°41	3° 0	22° 8	n.a.	M19
T 20	15 6 18	16°37'38	6♎ 0	28° 2	21°59	16° 3	26°22	11° 2	26°57	18°14	21° 2	1°35	2°57	22°14	n.a.	T 20
W21	15 10 14	17°34'41	20°10	27°37	23°12	16°45	26°29	11° 1	26°59	18°17	21° 1	1°29	2°54	22°21	n.a.	W21
T 22	15 14 11	18°31'44	4♏ 9	27° 9	24°24	17°28	26°36	11° 1	27° 0	18°19	21° 1	1°22	2°50	22°28	n.a.	T 22
F 23	15 18 7	19°28'46	17°54	26°38	25°36	18°10	26°43	11° 0	27° 2	18°21	21° 0	1°16	2°47	22°34	n.a.	F 23
S 24	15 22 4	20°25'49	1♐20	26° 5	26°49	18°52	26°50	11° 0	27° 4	18°23	20°59	1°11	2°44	22°41	n.a.	S 24
S 25	15 26 0	21°22'51	14°26	25°30	28° 1	19°34	26°56	11° 0	27° 6	18°26	20°59	1° 8	2°41	22°48	n.a.	S 25
M26	15 29 57	22°19'54	27°13	24°54	29°14	20°16	27° 3	11°D 0	27° 8	18°28	20°58	1°D 7	2°38	22°54	n.a.	M26
T 27	15 33 54	23°16'58	9♑42	24°17	0♉26	20°58	27° 9	11° 0	27°11	18°30	20°57	1° 7	2°34	23° 1	n.a.	T 27
W28	15 37 50	24°14'01	21°55	23°40	1°39	21°40	27°15	11° 0	27°13	18°32	20°57	1° 8	2°31	23° 8	n.a.	W28
T 29	15 41 47	25°11'06	3♒56	23° 3	2°51	22°22	27°21	11° 0	27°15	18°35	20°56	1°10	2°28	23°15	n.a.	T 29
F 30	15 45 43	26° 8'10	15°50	22°28	4° 4	23° 3	27°27	11° 0	27°17	18°37	20°56	1°11	2°25	23°21	n.a.	F 30
S 31	15 49 40	27♉ 5'15	27♒41	21♉55	5♉17	23♓45	27♒32	11♍ 1	27♋19	18♉39	20♍56	1°R12	2♋22	23♒28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	11n 8	19s20	2n 0	20n34	1n58	1s55	1s44	12s16	1s34	15s 2	1s15	9n55	2n45	21n53	0n42	15n55	1s30	19n 8	17n 9	23s48	23s47	11s30			n.a.
F 2	11 29	15 47	2 55	20 42	1 51	1 25	1 43	12 0	1 34	14 59	1 16	9 55	2 45	21 53	0 42	15 56	1 30	19 8	17 9	23 48	23 47	11 27			n.a.
S 3	11 49	11 37	3 43	20 47	1 43	0 56	1 43	11 44	1 35	14 56	1 16	9 56	2 45	21 53	0 42	15 56	1 30	19 8	17 8	23 49	23 47	11 24			n.a.
S 4	12 9	7 1	4 21	20 51	1 34	0 27	1 42	11 28	1 35	14 53	1 16	9 57	2 45	21 52	0 42	15 57	1 29	19 9	17 8	23 49	23 47	11 22			n.a.
M 5	12 29	2 8	4 48	20 53	1 25	0n 3	1 42	11 12	1 35	14 50	1 17	9 57	2 45	21 52	0 42	15 58	1 29	19 9	17 8	23 49	23 47	11 19			n.a.
T 6	12 49	2n53	5 2	20 52	1 15	0 32	1 41	10 56	1 35	14 48	1 17	9 58	2 44	21 52	0 42	15 58	1 29	19 9	17 7	23 49	23 47	11 16			n.a.
W 7	13 9	7 53	5 3	20 50	1 4	1 2	1 40	10 40	1 35	14 45	1 17	9 58	2 44	21 52	0 42	15 59	1 29	19 9	17 7	23 49	23 47	11 14			n.a.
T 8	13 29	12 40	4 49	20 46	0 52	1 32	1 40	10 23	1 36	14 42	1 17	9 59	2 44	21 51	0 41	16 0	1 29	19 9	17 6	23 49	23 47	11 11			n.a.
F 9	13 48	16 59	4 20	20 41	0 40	2 1	1 39	10 7	1 36	14 39	1 18	9 59	2 44	21 51	0 41	16 0	1 29	19 9	17 6	23 49	23 48	11 8			n.a.
S 10	14 7	20 33	3 37	20 33	0 27	2 31	1 38	9 51	1 36	14 37	1 18	10 0	2 44	21 51	0 41	16 1	1 29	19 9	17 5	23 50	23 48	11 6			n.a.
S 11	14 26	23 7	2 42	20 24	0 13	3 0	1 37	9 34	1 36	14 34	1 18	10 0	2 43	21 51	0 41	16 2	1 29	19 9	17 5	23 50	23 48	11 3			n.a.
M12	14 44	24 24	1 37	20 14	0s 1	3 30	1 36	9 18	1 36	14 31	1 18	10 0	2 43	21 50	0 41	16 2	1 29	19 9	17 5	23 50	23 48	11 0			n.a.
T 13	15 3	24 13	0 25	20 1	0 15	3 59	1 35	9 2	1 37	14 29	1 19	10 1	2 43	21 50	0 41	16 3	1 29	19 9	17 4	23 50	23 48	10 57			n.a.
W14	15 21	22 34	0s49	19 48	0 31	4 29	1 34	8 45	1 37	14 26	1 19	10 1	2 43	21 50	0 41	16 3	1 29	19 9	17 4	23 50	23 48	10 55			n.a.
T 15	15 39	19 31	2 1	19 32	0 46	4 58	1 32	8 28	1 37	14 24	1 19	10 1	2 42	21 49	0 41	16 4	1 29	19 9	17 3	23 50	23 48	10 52			n.a.
F 16	15 57	15 18	3 7	19 16	1 2	5 27	1 31	8 12	1 37	14 21	1 20	10 1	2 42	21 49	0 41	16 5	1 29	19 9	17 3	23 50	23 48	10 49			n.a.
S 17	16 14	10 13	4 1	18 58	1 18	5 56	1 30	7 55	1 37	14 19	1 20	10 2	2 42	21 49	0 41	16 5	1 29	19 9	17 2	23 50	23 48	10 47			n.a.
S 18	16 31	4 35	4 41	18 40	1 35	6 25	1 28	7 39	1 37	14 16	1 20	10 2	2 42	21 48	0 41	16 6	1 29	19 8	17 2	23 50	23 48	10 44			n.a.
M19	16 48	1s18	5 4	18 20	1 51	6 54	1 27	7 22	1 37	14 14	1 20	10 2	2 42	21 48	0 41	16 7	1 29	19 8	17 1	23 50	23 48	10 41			n.a.
T 20	17 5	7 7	5 7	18 0	2 7	7 23	1 25	7 5	1 38	14 12	1 21	10 2	2 41	21 47	0 41	16 7	1 29	19 8	17 1	23 50	23 48	10 38			n.a.
W21	17 22	12 30	4 52	17 38	2 23	7 52	1 24	6 49	1 38	14 10	1 21	10 2	2 41	21 47	0 41	16 8	1 29	19 8	17 0	23 50	23 49	10 36			n.a.
T 22	17 38	17 11	4 20	17 17	2 38	8 20	1 22	6 32	1 38	14 7	1 21	10 2	2 41	21 47	0 41	16 9	1 29	19 8	17 0	23 50	23 49	10 33			n.a.
F 23	17 54	20 51	3 33	16 56	2 53	8 49	1 20	6 15	1 38	14 5	1 22	10 2	2 41	21 46	0 41	16 9	1 29	19 8	16 59	23 50	23 49	10 30			n.a.
S 24	18 9	23 17	2 34	16 34	3 7	9 17	1 19	5 58	1 38	14 3	1 22	10 2	2 40	21 46	0 41	16 10	1 29	19 7	16 59	23 50	23 49	10 28			n.a.
S 25	18 25	24 24	1 29	16 13	3 21	9 45	1 17	5 42	1 38	14 1	1 22	10 1	2 40	21 45	0 41	16 10	1 29	19 7	16 58	23 50	23 49	10 25			n.a.
M26	18 40	24 10	0 21	15 52	3 33	10 13	1 15	5 25	1 38	13 59	1 23	10 1	2 40	21 45	0 41	16 11	1 29	19 7	16 57	23 50	23 49	10 22			n.a.
T 27	18 54	22 42	0n47	15 32	3 44	10 41	1 13	5 8	1 38	13 58	1 23	10 1	2 40	21 45	0 41	16 12	1 29	19 7	16 57	23 50	23 49	10 19			n.a.
W28	19 9	20 12	1 51	15 14	3 54	11 8	1 11	4 51	1 38	13 56	1 23	10 1	2 39	21 44	0 41	16 12	1 29	19 6	16 56	23 50	23 49	10 17			n.a.
T 29	19 23	16 51	2 49	14 56	4 2	11 35	1 9	4 35	1 38	13 54	1 23	10 0	2 39	21 44	0 41	16 13	1 29	19 6	16 56	23 50	23 49	10 14			n.a.
F 30	19 37	12 52	3 40	14 41	4 10	12 2	1 7	4 18	1 38	13 52	1 24	10 0	2 39	21 43	0 41	16 14	1 29	19 6	16 55	23 50	23 49	10 11			n.a.
S 31	19n50	8s24	4n21	14n27	4s15	12n29	1s 5	4s 1	1s38	13s50	1s24	10n 0	2n39	21n43	0n41	16n14	1s29	19n 5	16n55	23s50	23s49	10s 9			n.a.

Julian Day Number = 1272651.5, Delta T = 08h15m40s
Ecliptic obliquity = 23°50'27, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°02'01, Lahiri = -20°55'00 Julian Calendar 1 May 1229 BCE == Greg. Calendar 20 Apr. 1229 BCE

The year -1228 astronomical counting style corresponds to year 1229 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1229 BCE
geocentric

JUNE 1229 BCE (-1228) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 53 36	28♉ 2'21	9♓35	21°R24	6♉29	24♓27	27♒38	11♍ 1	27♋22	18♉41	20°R55	1°R11	2♑19	23♒35	n.a.	S 1
M 2	15 57 33	28°59'27	21°36	20♉56	7°42	25° 8	27°43	11° 2	27°24	18°43	20♍55	1♑ 9	2°15	23°41	n.a.	M 2
T 3	16 1 29	29°56'34	3♈49	20°32	8°55	25°49	27°48	11° 3	27°27	18°46	20°55	1° 5	2°12	23°48	n.a.	T 3
W 4	16 5 26	0♊53'41	16°17	20°11	10° 8	26°30	27°53	11° 3	27°29	18°48	20°54	1° 1	2° 9	23°55	n.a.	W 4
T 5	16 9 23	1°50'50	29° 2	19°55	11°21	27°12	27°58	11° 4	27°31	18°50	20°54	0°57	2° 6	24° 1	n.a.	T 5
F 6	16 13 19	2°47'59	12♉ 6	19°44	12°33	27°53	28° 2	11° 5	27°34	18°52	20°54	0°52	2° 3	24° 8	n.a.	F 6
S 7	16 17 16	3°45'08	25°29	19°37	13°46	28°34	28° 7	11° 6	27°37	18°54	20°54	0°48	2° 0	24°15	n.a.	S 7
S 8	16 21 12	4°42'19	9♊ 9	19°D36	14°59	29°14	28°11	11° 8	27°39	18°57	20°53	0°46	1°56	24°21	n.a.	S 8
M 9	16 25 9	5°39'29	23° 4	19°40	16°12	29°55	28°15	11° 9	27°42	18°59	20°53	0°44	1°53	24°28	n.a.	M 9
T 10	16 29 5	6°36'41	7♋10	19°50	17°25	0♈36	28°19	11°10	27°44	19° 1	20°53	0°D44	1°50	24°35	n.a.	T 10
W11	16 33 2	7°33'53	21°23	20° 5	18°38	1°16	28°23	11°12	27°47	19° 3	20°53	0°45	1°47	24°42	n.a.	W11
T 12	16 36 59	8°31'05	5♌41	20°26	19°51	1°56	28°26	11°13	27°50	19° 5	20°D53	0°47	1°44	24°48	n.a.	T 12
F 13	16 40 55	9°28'18	19°59	20°53	21° 5	2°37	28°29	11°15	27°53	19° 7	20°53	0°48	1°40	24°55	n.a.	F 13
S 14	16 44 52	10°25'31	4♍14	21°25	22°18	3°17	28°33	11°17	27°56	19° 9	20°53	0°R49	1°37	25° 2	n.a.	S 14
S 15	16 48 48	11°22'45	18°25	22° 4	23°31	3°57	28°36	11°19	27°58	19°11	20°53	0°49	1°34	25° 8	n.a.	S 15
M16	16 52 45	12°19'59	2♎30	22°47	24°44	4°37	28°38	11°20	28° 1	19°14	20°53	0°48	1°31	25°15	n.a.	M16
T 17	16 56 41	13°17'14	16°25	23°37	25°57	5°17	28°41	11°22	28° 4	19°16	20°54	0°46	1°28	25°22	n.a.	T 17
W18	17 0 38	14°14'29	0♏10	24°31	27°11	5°56	28°43	11°25	28° 7	19°18	20°54	0°44	1°25	25°28	n.a.	W18
T 19	17 4 34	15°11'45	13°42	25°32	28°24	6°36	28°46	11°27	28°10	19°20	20°54	0°42	1°21	25°35	n.a.	T 19
F 20	17 8 31	16° 9'02	27° 0	26°37	29°37	7°15	28°48	11°29	28°13	19°22	20°54	0°40	1°18	25°42	n.a.	F 20
S 21	17 12 28	17° 6'20	10♐ 4	27°48	0♊50	7°55	28°49	11°31	28°16	19°24	20°54	0°39	1°15	25°49	n.a.	S 21
S 22	17 16 24	18° 3'39	22°53	29° 4	2° 4	8°34	28°51	11°34	28°19	19°26	20°55	0°38	1°12	25°55	n.a.	S 22
M23	17 20 21	19° 0'59	5♑27	0♊25	3°17	9°13	28°52	11°37	28°22	19°28	20°55	0°D38	1° 9	26° 2	n.a.	M23
T 24	17 24 17	19°58'20	17°47	1°51	4°31	9°52	28°54	11°39	28°26	19°30	20°56	0°38	1° 6	26° 9	n.a.	T 24
W25	17 28 14	20°55'43	29°56	3°22	5°44	10°31	28°55	11°42	28°29	19°32	20°56	0°39	1° 2	26°15	n.a.	W25
T 26	17 32 10	21°53'06	11♒55	4°56	6°58	11° 9	28°56	11°45	28°32	19°34	20°56	0°40	0°59	26°22	n.a.	T 26
F 27	17 36 7	22°50'31	23°48	6°35	8°11	11°48	28°56	11°48	28°35	19°36	20°57	0°41	0°56	26°29	n.a.	F 27
S 28	17 40 4	23°47'57	5♓40	8°18	9°25	12°27	28°57	11°51	28°38	19°38	20°57	0°41	0°53	26°35	n.a.	S 28
S 29	17 44 0	24°45'25	17°34	10° 4	10°39	13° 5	28°57	11°54	28°42	19°40	20°58	0°42	0°50	26°42	n.a.	S 29
M30	17 47 57	25♊42'55	29♓34	11♊54	11♊52	13♈43	28°R57	11♍57	28♋45	19♉41	20♍59	0°R42	0♑46	26♒49	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 3	3s38	4n51	14n15	4s19	12n55	1s 3	3s44	1s38	13s49	1s24	9n59	2n38	21n42	0n41	16n15	1s29	19n 5	16n54	23s50	23s49	10s 6		n.a.
M 2	20 16	1n19	5 8	14 5	4 22	13 21	1 1	3 28	1 38	13 47	1 25	9 59	2 38	21 42	0 41	16 15	1 29	19 5	16 54	23 50	23 49	10 3		n.a.
T 3	20 29	6 18	5 12	13 57	4 23	13 47	0 59	3 11	1 38	13 46	1 25	9 58	2 38	21 41	0 41	16 16	1 29	19 4	16 53	23 50	23 49	10 0		n.a.
W 4	20 41	11 8	5 1	13 52	4 23	14 12	0 57	2 54	1 38	13 44	1 25	9 58	2 38	21 41	0 41	16 17	1 29	19 4	16 52	23 50	23 49	9 58		n.a.
T 5	20 53	15 36	4 36	13 50	4 21	14 37	0 55	2 38	1 38	13 43	1 26	9 57	2 37	21 40	0 41	16 17	1 29	19 4	16 52	23 50	23 49	9 55		n.a.
F 6	21 4	19 27	3 56	13 50	4 18	15 2	0 52	2 21	1 38	13 42	1 26	9 57	2 37	21 40	0 41	16 18	1 29	19 3	16 51	23 50	23 49	9 52		n.a.
S 7	21 15	22 23	3 1	13 52	4 13	15 27	0 50	2 5	1 38	13 40	1 26	9 56	2 37	21 39	0 41	16 18	1 29	19 3	16 51	23 50	23 50	9 49		n.a.
S 8	21 26	24 6	1 56	13 58	4 7	15 51	0 48	1 48	1 38	13 39	1 27	9 55	2 37	21 39	0 41	16 19	1 29	19 2	16 50	23 50	23 50	9 47		n.a.
M 9	21 36	24 21	0 42	14 5	4 0	16 14	0 45	1 32	1 38	13 38	1 27	9 54	2 36	21 38	0 41	16 20	1 29	19 2	16 50	23 50	23 50	9 44		n.a.
T 10	21 47	23 3	0s35	14 16	3 53	16 38	0 43	1 15	1 38	13 37	1 27	9 54	2 36	21 37	0 41	16 20	1 29	19 1	16 49	23 50	23 50	9 41		n.a.
W11	21 56	20 17	1 51	14 28	3 44	17 1	0 41	0 59	1 38	13 36	1 28	9 53	2 36	21 37	0 41	16 21	1 29	19 1	16 48	23 50	23 50	9 38		n.a.
T 12	22 6	16 15	3 1	14 43	3 34	17 23	0 38	0 42	1 38	13 35	1 28	9 52	2 36	21 36	0 41	16 21	1 29	19 0	16 48	23 50	23 50	9 36		n.a.
F 13	22 15	11 18	3 59	15 1	3 23	17 45	0 36	0 26	1 37	13 34	1 28	9 51	2 35	21 36	0 40	16 22	1 29	19 0	16 47	23 50	23 50	9 33		n.a.
S 14	22 23	5 45	4 42	15 20	3 12	18 7	0 33	0 10	1 37	13 34	1 29	9 50	2 35	21 35	0 40	16 23	1 29	18 59	16 47	23 50	23 50	9 30		n.a.
S 15	22 31	0s 4	5 8	15 42	3 0	18 28	0 31	0n 7	1 37	13 33	1 29	9 49	2 35	21 34	0 40	16 23	1 29	18 59	16 46	23 50	23 50	9 28		n.a.
M16	22 39	5 49	5 15	16 5	2 47	18 48	0 29	0 23	1 37	13 32	1 29	9 48	2 35	21 34	0 40	16 24	1 29	18 58	16 45	23 50	23 50	9 25		n.a.
T 17	22 46	11 13	5 4	16 30	2 35	19 9	0 26	0 39	1 37	13 32	1 30	9 47	2 34	21 33	0 40	16 24	1 29	18 57	16 45	23 50	23 50	9 22		n.a.
W18	22 54	15 59	4 35	16 56	2 21	19 28	0 24	0 55	1 37	13 31	1 30	9 46	2 34	21 33	0 40	16 25	1 29	18 57	16 44	23 50	23 50	9 19		n.a.
T 19	23 0	19 53	3 51	17 24	2 8	19 48	0 21	1 11	1 37	13 31	1 30	9 45	2 34	21 32	0 40	16 25	1 29	18 56	16 44	23 50	23 50	9 17		n.a.
F 20	23 6	22 39	2 55	17 53	1 54	20 6	0 19	1 27	1 36	13 30	1 31	9 44	2 34	21 31	0 40	16 26	1 29	18 55	16 43	23 50	23 50	9 14		n.a.
S 21	23 12	24 10	1 51	18 23	1 40	20 24	0 16	1 43	1 36	13 30	1 31	9 43	2 33	21 31	0 40	16 26	1 29	18 55	16 43	23 50	23 50	9 11		n.a.
S 22	23 18	24 21	0 43	18 53	1 26	20 42	0 14	1 59	1 36	13 30	1 31	9 42	2 33	21 30	0 40	16 27	1 29	18 54	16 42	23 50	23 50	9 8		n.a.
M23	23 23	23 17	0n27	19 24	1 12	20 59	0 11	2 15	1 36	13 29	1 32	9 41	2 33	21 29	0 40	16 27	1 29	18 53	16 41	23 50	23 50	9 6		n.a.
T 24	23 27	21 5	1 34	19 56	0 58	21 15	0 9	2 31	1 36	13 29	1 32	9 39	2 33	21 29	0 40	16 28	1 29	18 53	16 41	23 50	23 50	9 3		n.a.
W25	23 31	17 59	2 35	20 27	0 44	21 31	0 6	2 46	1 35	13 29	1 32	9 38	2 33	21 28	0 40	16 29	1 29	18 52	16 40	23 50	23 50	9 0		n.a.
T 26	23 35	14 9	3 29	20 58	0 31	21 47	0 4	3 2	1 35	13 29	1 33	9 37	2 32	21 27	0 40	16 29	1 29	18 51	16 40	23 50	23 50	8 57		n.a.
F 27	23 39	9 49	4 14	21 29	0 18	22 1	0 1	3 17	1 35	13 29	1 33	9 35	2 32	21 27	0 40	16 30	1 29	18 51	16 39	23 50	23 50	8 55		n.a.
S 28	23 42	5 8	4 47	21 58	0 5	22 15	0n 1	3 33	1 35	13 29	1 33	9 34	2 32	21 26	0 40	16 30	1 29	18 50	16 38	23 50	23 50	8 52		n.a.
S 29	23 44	0 16	5 9	22 27	0n 7	22 29	0 4	3 48	1 34	13 30	1 34	9 33	2 32	21 25	0 40	16 31	1 29	18 49	16 38	23 50	23 50	8 49		n.a.
M30	23n46	4n40	5n17	22n54	0n19	22n42	0n 6	4n 4	1s34	13s30	1s34	9n31	2n31	21n25	0n40	16n31	1s29	18n48	16n37	23s50	23s50	8s46		n.a.

Julian Day Number = 1272682.5, Delta T = 08h15m39s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'56, Lahiri = -20°54'56 Julian Calendar 1 June 1229 BCE == Greg. Calendar 21 May 1229 BCE

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ASTRODIENST EPHEMERIS for the year 1229 BCE
geocentric

JULY 1229 BCE (-1228) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 51 53	26♊40'25	11♈47	13♊46	13♊ 6	14♈21	28°R57	12♍ 0	28♋48	19♉43	20♍59	0°R42	0♑43	26♒56	n.a.	T 1
W 2	17 55 50	27°37'58	24°15	15°41	14°20	14°59	28♒57	12° 4	28°52	19°45	21° 0	0♑41	0°40	27° 2	n.a.	W 2
T 3	17 59 46	28°35'32	7♉ 2	17°38	15°33	15°37	28°56	12° 7	28°55	19°47	21° 1	0°41	0°37	27° 9	n.a.	T 3
F 4	18 3 43	29°33'08	20°12	19°37	16°47	16°15	28°55	12°10	28°58	19°49	21° 1	0°41	0°34	27°16	n.a.	F 4
S 5	18 7 39	0♋30'45	3♊45	21°37	18° 1	16°52	28°54	12°14	29° 2	19°51	21° 2	0°D41	0°31	27°22	n.a.	S 5
S 6	18 11 36	1°28'24	17°40	23°38	19°15	17°29	28°53	12°18	29° 5	19°52	21° 3	0°41	0°27	27°29	n.a.	S 6
M 7	18 15 33	2°26'04	1♋55	25°39	20°29	18° 7	28°52	12°22	29° 9	19°54	21° 4	0°R41	0°24	27°36	n.a.	M 7
T 8	18 19 29	3°23'46	16°26	27°41	21°43	18°44	28°50	12°25	29°12	19°56	21° 5	0°41	0°21	27°42	n.a.	T 8
W 9	18 23 26	4°21'30	1♌ 7	29°43	22°57	19°21	28°49	12°29	29°16	19°58	21° 5	0°41	0°18	27°49	n.a.	W 9
T 10	18 27 22	5°19'15	15°50	1♋45	24°11	19°57	28°47	12°33	29°19	19°59	21° 6	0°40	0°15	27°56	n.a.	T 10
F 11	18 31 19	6°17'01	0♍29	3°47	25°25	20°34	28°45	12°37	29°23	20° 1	21° 7	0°40	0°12	28° 3	n.a.	F 11
S 12	18 35 15	7°14'48	15° 0	5°48	26°39	21°10	28°42	12°41	29°26	20° 3	21° 8	0°39	0° 8	28° 9	n.a.	S 12
S 13	18 39 12	8°12'36	29°17	7°48	27°53	21°46	28°40	12°46	29°30	20° 4	21° 9	0°39	0° 5	28°16	n.a.	S 13
M14	18 43 8	9°10'26	13♎18	9°47	29° 7	22°23	28°37	12°50	29°34	20° 6	21°10	0°D39	0° 2	28°23	n.a.	M14
T 15	18 47 5	10° 8'17	27° 1	11°46	0♋21	22°58	28°34	12°54	29°37	20° 8	21°12	0°39	29♐59	28°29	n.a.	T 15
W16	18 51 2	11° 6'10	10♏28	13°43	1°36	23°34	28°31	12°59	29°41	20° 9	21°13	0°40	29°56	28°36	n.a.	W16
T 17	18 54 58	12° 4'04	23°39	15°39	2°50	24°10	28°28	13° 3	29°45	20°11	21°14	0°41	29°52	28°43	n.a.	T 17
F 18	18 58 55	13° 2'00	6♐35	17°34	4° 4	24°45	28°25	13° 8	29°48	20°12	21°15	0°42	29°49	28°49	n.a.	F 18
S 19	19 2 51	13°59'57	19°17	19°28	5°18	25°20	28°21	13°12	29°52	20°14	21°16	0°42	29°46	28°56	n.a.	S 19
S 20	19 6 48	14°57'56	1♑47	21°21	6°33	25°55	28°17	13°17	29°56	20°15	21°17	0°R43	29°43	29° 3	n.a.	S 20
M21	19 10 44	15°55'57	14° 6	23°12	7°47	26°30	28°13	13°22	29°59	20°17	21°19	0°42	29°40	29°10	n.a.	M21
T 22	19 14 41	16°53'59	26°15	25° 2	9° 1	27° 5	28° 9	13°27	0♌ 3	20°18	21°20	0°41	29°37	29°16	n.a.	T 22
W23	19 18 37	17°52'04	8♒17	26°51	10°16	27°39	28° 5	13°32	0° 7	20°19	21°21	0°39	29°33	29°23	n.a.	W23
T 24	19 22 34	18°50'10	20°13	28°38	11°30	28°14	28° 0	13°37	0°10	20°21	21°23	0°36	29°30	29°30	n.a.	T 24
F 25	19 26 31	19°48'18	2♓ 5	0♌25	12°45	28°48	27°55	13°42	0°14	20°22	21°24	0°33	29°27	29°36	n.a.	F 25
S 26	19 30 27	20°46'28	13°56	2°10	13°59	29°22	27°51	13°47	0°18	20°23	21°26	0°30	29°24	29°43	n.a.	S 26
S 27	19 34 24	21°44'40	25°49	3°54	15°14	29°56	27°46	13°52	0°22	20°25	21°27	0°28	29°21	29°50	n.a.	S 27
M28	19 38 20	22°42'55	7♈48	5°36	16°28	0♉29	27°40	13°57	0°25	20°26	21°28	0°26	29°17	29°57	n.a.	M28
T 29	19 42 17	23°41'12	19°58	7°18	17°43	1° 2	27°35	14° 3	0°29	20°27	21°30	0°D25	29°14	0♓ 3	n.a.	T 29
W30	19 46 13	24°39'30	2♉23	8°58	18°57	1°35	27°29	14° 8	0°33	20°28	21°32	0°25	29°11	0°10	n.a.	W30
T 31	19 50 10	25♋37'52	15♉ 6	10♌37	20♋12	2♉ 8	27♒24	14♍13	0♌37	20♉29	21♍33	0♑26	29♐ 8	0♓17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n48	9n29	5n11	23n20	0n30	22n54	0n 9	4n19	1s34	13s30	1s34	9n30	2n31	21n24	0n40	16n32	1s29	18n48	16n37	23s50	23s50	8s44			n.a.
W 2	23 49	14 3	4 51	23 43	0 40	23 5	0 11	4 34	1 34	13 31	1 35	9 28	2 31	21 23	0 40	16 32	1 30	18 47	16 36	23 50	23 50	8 41			n.a.
T 3	23 50	18 6	4 16	24 5	0 50	23 16	0 14	4 49	1 33	13 31	1 35	9 27	2 31	21 22	0 40	16 33	1 30	18 46	16 35	23 50	23 50	8 38			n.a.
F 4	23 50	21 24	3 26	24 24	0 59	23 26	0 16	5 4	1 33	13 32	1 36	9 25	2 30	21 22	0 40	16 33	1 30	18 45	16 35	23 50	23 50	8 35			n.a.
S 5	23 50	23 36	2 24	24 41	1 7	23 36	0 18	5 19	1 33	13 33	1 36	9 23	2 30	21 21	0 40	16 33	1 30	18 44	16 34	23 50	23 50	8 33			n.a.
S 6	23 50	24 27	1 12	24 56	1 15	23 44	0 21	5 34	1 32	13 33	1 36	9 22	2 30	21 20	0 40	16 34	1 30	18 43	16 34	23 50	23 50	8 30			n.a.
M 7	23 49	23 43	0s 7	25 8	1 22	23 53	0 23	5 48	1 32	13 34	1 37	9 20	2 30	21 19	0 40	16 34	1 30	18 43	16 33	23 50	23 50	8 27			n.a.
T 8	23 48	21 23	1 26	25 17	1 27	24 0	0 25	6 3	1 32	13 35	1 37	9 18	2 30	21 19	0 40	16 35	1 30	18 42	16 33	23 50	23 50	8 24			n.a.
W 9	23 46	17 38	2 41	25 23	1 33	24 7	0 28	6 17	1 31	13 36	1 37	9 17	2 29	21 18	0 40	16 35	1 30	18 41	16 32	23 50	23 50	8 22			n.a.
T 10	23 44	12 47	3 45	25 27	1 37	24 12	0 30	6 32	1 31	13 37	1 38	9 15	2 29	21 17	0 40	16 36	1 30	18 40	16 31	23 50	23 50	8 19			n.a.
F 11	23 41	7 13	4 34	25 28	1 41	24 18	0 32	6 46	1 30	13 38	1 38	9 13	2 29	21 16	0 40	16 36	1 30	18 39	16 31	23 50	23 50	8 16			n.a.
S 12	23 38	1 19	5 5	25 26	1 43	24 22	0 34	7 0	1 30	13 39	1 38	9 11	2 29	21 16	0 40	16 37	1 30	18 38	16 30	23 50	23 50	8 13			n.a.
S 13	23 35	4s32	5 17	25 22	1 46	24 26	0 37	7 14	1 30	13 40	1 39	9 10	2 29	21 15	0 40	16 37	1 30	18 37	16 30	23 50	23 50	8 10			n.a.
M14	23 31	10 4	5 9	25 15	1 47	24 29	0 39	7 28	1 29	13 41	1 39	9 8	2 28	21 14	0 40	16 37	1 30	18 36	16 29	23 50	23 50	8 8			n.a.
T 15	23 27	14 59	4 44	25 6	1 48	24 31	0 41	7 42	1 29	13 43	1 39	9 6	2 28	21 13	0 40	16 38	1 30	18 35	16 29	23 50	23 50	8 5			n.a.
W16	23 22	19 3	4 4	24 55	1 48	24 33	0 43	7 56	1 28	13 44	1 39	9 4	2 28	21 13	0 40	16 38	1 30	18 34	16 28	23 50	23 50	8 2			n.a.
T 17	23 17	22 5	3 11	24 41	1 48	24 33	0 45	8 10	1 28	13 46	1 40	9 2	2 28	21 12	0 40	16 39	1 30	18 33	16 28	23 50	23 50	7 59			n.a.
F 18	23 11	23 54	2 10	24 25	1 47	24 33	0 47	8 23	1 27	13 47	1 40	9 0	2 28	21 11	0 40	16 39	1 30	18 32	16 27	23 50	23 50	7 57			n.a.
S 19	23 5	24 27	1 3	24 8	1 45	24 33	0 49	8 37	1 27	13 49	1 40	8 58	2 27	21 10	0 40	16 39	1 30	18 31	16 26	23 50	23 50	7 54			n.a.
S 20	22 59	23 44	0n 6	23 49	1 43	24 31	0 51	8 50	1 26	13 50	1 41	8 56	2 27	21 9	0 40	16 40	1 30	18 30	16 26	23 50	23 50	7 51			n.a.
M21	22 52	21 52	1 13	23 27	1 40	24 29	0 53	9 4	1 26	13 52	1 41	8 54	2 27	21 9	0 40	16 40	1 30	18 29	16 25	23 50	23 50	7 48			n.a.
T 22	22 45	19 1	2 16	23 5	1 37	24 26	0 54	9 17	1 25	13 54	1 41	8 52	2 27	21 8	0 40	16 40	1 30	18 28	16 25	23 50	23 50	7 46			n.a.
W23	22 37	15 24	3 13	22 41	1 34	24 22	0 56	9 30	1 25	13 56	1 42	8 50	2 27	21 7	0 40	16 41	1 30	18 27	16 24	23 50	23 50	7 43			n.a.
T 24	22 29	11 12	4 0	22 15	1 30	24 18	0 58	9 43	1 24	13 57	1 42	8 48	2 26	21 6	0 40	16 41	1 30	18 26	16 24	23 50	23 50	7 40			n.a.
F 25	22 21	6 37	4 37	21 48	1 26	24 13	1 0	9 55	1 24	13 59	1 42	8 46	2 26	21 5	0 40	16 41	1 30	18 25	16 23	23 50	23 50	7 37			n.a.
S 26	22 12	1 48	5 2	21 20	1 22	24 7	1 1	10 8	1 23	14 1	1 42	8 43	2 26	21 5	0 40	16 42	1 30	18 24	16 23	23 50	23 50	7 35			n.a.
S 27	22 3	3n 5	5 14	20 51	1 17	24 0	1 3	10 21	1 23	14 3	1 43	8 41	2 26	21 4	0 40	16 42	1 30	18 23	16 22	23 50	23 50	7 32			n.a.
M28	21 53	7 54	5 12	20 20	1 12	23 52	1 4	10 33	1 22	14 5	1 43	8 39	2 26	21 3	0 40	16 42	1 30	18 22	16 22	23 50	23 50	7 29			n.a.
T 29	21 43	12 30	4 57	19 49	1 6	23 44	1 6	10 45	1 22	14 8	1 43	8 37	2 26	21 2	0 40	16 43	1 30	18 21	16 21	23 50	23 50	7 26			n.a.
W30	21 33	16 40	4 27	19 17	1 0	23 35	1 7	10 58	1 21	14 10	1 43	8 35	2 25	21 1	0 40	16 43	1 30	18 20	16 21	23 50	23 50	7 24			n.a.
T 31	21n22	20n12	3n44	18n44	0n54	23n26	1n 9	11n10	1s20	14s12	1s44	8n32	2n25	21n 0	0n40	16n43	1s30	18n19	16n20	23s50	23s50	7s21			n.a.

Julian Day Number = 1272712.5, Delta T = 08h15m37s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'52, Lahiri = -20°54'52 Julian Calendar 1 July 1229 BCE == Greg. Calendar 20 June 1229 BCE

The year -1228 astronomical counting style corresponds to year 1229 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1229 BCE
geocentric

AUGUST 1229 BCE (-1228) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 54 6	26♋36'15	28♉13	12♌15	21♋27	2♉41	27°R18	14♍19	0♌41	20♉31	21♍35	0♏28	29♐ 5	0♓23	n.a.	F 1
S 2	19 58 3	27°34'41	11♊45	13°52	22°41	3°13	27♒12	14°24	0°44	20°32	21°36	0°29	29° 2	0°30	n.a.	S 2
S 3	20 1 59	28°33'09	25°44	15°27	23°56	3°46	27° 6	14°30	0°48	20°33	21°38	0°R30	28°58	0°37	n.a.	S 3
M 4	20 5 56	29°31'39	10♋ 9	17° 2	25°11	4°18	27° 0	14°36	0°52	20°34	21°40	0°30	28°55	0°43	n.a.	M 4
T 5	20 9 53	0♌30'11	24°56	18°35	26°25	4°49	26°53	14°41	0°56	20°35	21°41	0°28	28°52	0°50	n.a.	T 5
W 6	20 13 49	1°28'46	9♌57	20° 8	27°40	5°21	26°47	14°47	1° 0	20°36	21°43	0°25	28°49	0°57	n.a.	W 6
T 7	20 17 46	2°27'22	25° 4	21°39	28°55	5°52	26°40	14°53	1° 3	20°37	21°45	0°21	28°46	1° 4	n.a.	T 7
F 8	20 21 42	3°26'01	10♍ 7	23° 9	0♌10	6°23	26°33	14°59	1° 7	20°38	21°47	0°16	28°43	1°10	n.a.	F 8
S 9	20 25 39	4°24'41	24°57	24°38	1°25	6°54	26°26	15° 5	1°11	20°39	21°48	0°12	28°39	1°17	n.a.	S 9
S 10	20 29 35	5°23'23	9♎28	26° 6	2°40	7°24	26°19	15°11	1°15	20°39	21°50	0° 8	28°36	1°24	n.a.	S 10
M11	20 33 32	6°22'07	23°36	27°33	3°55	7°54	26°12	15°17	1°18	20°40	21°52	0° 6	28°33	1°30	n.a.	M11
T 12	20 37 28	7°20'52	7♏19	28°58	5° 9	8°24	26° 5	15°23	1°22	20°41	21°54	0°D 5	28°30	1°37	n.a.	T 12
W13	20 41 25	8°19'40	20°39	0♍23	6°24	8°54	25°58	15°29	1°26	20°42	21°56	0° 6	28°27	1°44	n.a.	W13
T 14	20 45 22	9°18'29	3♐37	1°46	7°39	9°23	25°50	15°35	1°30	20°43	21°58	0° 7	28°23	1°51	n.a.	T 14
F 15	20 49 18	10°17'21	16°18	3° 8	8°54	9°53	25°43	15°41	1°34	20°43	22° 0	0° 9	28°20	1°57	n.a.	F 15
S 16	20 53 15	11°16'14	28°44	4°29	10° 9	10°21	25°35	15°47	1°37	20°44	22° 2	0°R 9	28°17	2° 4	n.a.	S 16
S 17	20 57 11	12°15'09	10♑58	5°48	11°24	10°50	25°28	15°54	1°41	20°45	22° 4	0° 9	28°14	2°11	n.a.	S 17
M18	21 1 8	13°14'07	23° 4	7° 6	12°39	11°18	25°20	16° 0	1°45	20°45	22° 6	0° 6	28°11	2°17	n.a.	M18
T 19	21 5 4	14°13'06	5♒ 4	8°23	13°54	11°46	25°12	16° 6	1°49	20°46	22° 8	0° 1	28° 8	2°24	n.a.	T 19
W20	21 9 1	15°12'07	16°59	9°38	15° 9	12°14	25° 5	16°13	1°52	20°46	22°10	29♐55	28° 4	2°31	n.a.	W20
T 21	21 12 57	16°11'11	28°52	10°52	16°24	12°41	24°57	16°19	1°56	20°47	22°12	29°46	28° 1	2°38	n.a.	T 21
F 22	21 16 54	17°10'17	10♓43	12° 4	17°39	13° 8	24°49	16°25	2° 0	20°47	22°14	29°37	27°58	2°44	n.a.	F 22
S 23	21 20 50	18° 9'25	22°36	13°14	18°55	13°34	24°41	16°32	2° 3	20°48	22°16	29°28	27°55	2°51	n.a.	S 23
S 24	21 24 47	19° 8'35	4♈30	14°22	20°10	14° 1	24°33	16°39	2° 7	20°48	22°18	29°19	27°52	2°58	n.a.	S 24
M25	21 28 44	20° 7'48	16°31	15°29	21°25	14°27	24°25	16°45	2°11	20°49	22°20	29°13	27°49	3° 4	n.a.	M25
T 26	21 32 40	21° 7'03	28°40	16°33	22°40	14°52	24°17	16°52	2°14	20°49	22°22	29° 8	27°45	3°11	n.a.	T 26
W27	21 36 37	22° 6'21	11♉ 2	17°34	23°55	15°18	24° 9	16°58	2°18	20°49	22°24	29° 5	27°42	3°18	n.a.	W27
T 28	21 40 33	23° 5'41	23°40	18°34	25°10	15°42	24° 0	17° 5	2°22	20°49	22°27	29°D 4	27°39	3°25	n.a.	T 28
F 29	21 44 30	24° 5'04	6♊39	19°30	26°25	16° 7	23°52	17°12	2°25	20°50	22°29	29° 5	27°36	3°31	n.a.	F 29
S 30	21 48 26	25° 4'29	20° 4	20°24	27°41	16°31	23°44	17°18	2°29	20°50	22°31	29° 6	27°33	3°38	n.a.	S 30
S 31	21 52 23	26♌ 3'57	3♋55	21♍14	28♌56	16♉55	23♒36	17♍25	2♌32	20♉50	22♍33	29°R 6	27♐29	3♓45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n11	22n49	2n48	18n11	0n48	23n15	1n10	11n22	1s20	14s14	1s44	8n30	2n25	21n 0	0n40	16n43	1s30	18n18	16n20	23s50	23s50	7s18		n.a.
S 2	21 0	24 15	1 41	17 37	0 42	23 4	1 11	11 33	1 19	14 17	1 44	8 28	2 25	20 59	0 40	16 44	1 30	18 17	16 19	23 50	23 50	7 15		n.a.
S 3	20 48	24 12	0 26	17 2	0 35	22 52	1 13	11 45	1 19	14 19	1 44	8 25	2 25	20 58	0 40	16 44	1 30	18 16	16 19	23 50	23 50	7 12		n.a.
M 4	20 35	22 34	0s53	16 26	0 28	22 40	1 14	11 57	1 18	14 21	1 45	8 23	2 25	20 57	0 40	16 44	1 31	18 15	16 18	23 50	23 50	7 10		n.a.
T 5	20 23	19 23	2 10	15 51	0 21	22 27	1 15	12 8	1 17	14 24	1 45	8 21	2 25	20 56	0 40	16 44	1 31	18 14	16 18	23 50	23 50	7 7		n.a.
W 6	20 10	14 51	3 19	15 14	0 14	22 13	1 16	12 19	1 17	14 26	1 45	8 18	2 24	20 55	0 40	16 45	1 31	18 13	16 18	23 50	23 50	7 4		n.a.
T 7	19 56	9 23	4 15	14 38	0 7	21 58	1 17	12 31	1 16	14 29	1 45	8 16	2 24	20 55	0 40	16 45	1 31	18 11	16 17	23 50	23 50	7 1		n.a.
F 8	19 43	3 24	4 53	14 1	0s 1	21 43	1 18	12 42	1 15	14 31	1 46	8 13	2 24	20 54	0 40	16 45	1 31	18 10	16 17	23 50	23 50	6 59		n.a.
S 9	19 29	2s42	5 10	13 24	0 8	21 27	1 19	12 52	1 14	14 34	1 46	8 11	2 24	20 53	0 40	16 45	1 31	18 9	16 16	23 50	23 50	6 56		n.a.
S 10	19 14	8 31	5 7	12 47	0 16	21 11	1 20	13 3	1 14	14 36	1 46	8 8	2 24	20 52	0 40	16 45	1 31	18 8	16 16	23 50	23 50	6 53		n.a.
M11	19 0	13 43	4 46	12 10	0 24	20 54	1 20	13 14	1 13	14 39	1 46	8 6	2 24	20 51	0 40	16 46	1 31	18 7	16 15	23 50	23 50	6 50		n.a.
T 12	18 45	18 5	4 8	11 32	0 31	20 36	1 21	13 24	1 12	14 42	1 46	8 3	2 24	20 50	0 40	16 46	1 31	18 6	16 15	23 50	23 50	6 48		n.a.
W13	18 29	21 24	3 18	10 55	0 39	20 18	1 22	13 35	1 11	14 44	1 46	8 1	2 24	20 49	0 40	16 46	1 31	18 5	16 15	23 50	23 50	6 45		n.a.
T 14	18 13	23 30	2 19	10 17	0 47	19 59	1 22	13 45	1 11	14 47	1 47	7 58	2 23	20 49	0 40	16 46	1 31	18 4	16 14	23 50	23 50	6 42		n.a.
F 15	17 57	24 22	1 15	9 40	0 55	19 40	1 23	13 55	1 10	14 50	1 47	7 56	2 23	20 48	0 40	16 46	1 31	18 2	16 14	23 50	23 50	6 39		n.a.
S 16	17 41	23 58	0 8	9 3	1 3	19 20	1 23	14 5	1 9	14 53	1 47	7 53	2 23	20 47	0 40	16 46	1 31	18 1	16 13	23 50	23 50	6 36		n.a.
S 17	17 24	22 25	0n58	8 26	1 11	18 59	1 24	14 15	1 8	14 55	1 47	7 51	2 23	20 46	0 40	16 47	1 31	18 0	16 13	23 50	23 50	6 34		n.a.
M18	17 8	19 51	2 1	7 50	1 19	18 38	1 24	14 25	1 7	14 58	1 47	7 48	2 23	20 45	0 40	16 47	1 31	17 59	16 13	23 50	23 50	6 31		n.a.
T 19	16 50	16 27	2 57	7 13	1 27	18 16	1 24	14 34	1 6	15 1	1 47	7 45	2 23	20 44	0 40	16 47	1 31	17 58	16 12	23 50	23 50	6 28		n.a.
W20	16 33	12 25	3 46	6 37	1 35	17 54	1 24	14 44	1 5	15 4	1 47	7 43	2 23	20 44	0 40	16 47	1 31	17 57	16 12	23 50	23 50	6 25		n.a.
T 21	16 15	7 57	4 24	6 2	1 43	17 31	1 24	14 53	1 5	15 7	1 48	7 40	2 23	20 43	0 40	16 47	1 31	17 56	16 12	23 50	23 50	6 23		n.a.
F 22	15 57	3 12	4 50	5 27	1 51	17 8	1 24	15 2	1 4	15 9	1 48	7 38	2 23	20 42	0 40	16 47	1 31	17 54	16 11	23 50	23 49	6 20		n.a.
S 23	15 39	1n40	5 4	4 53	1 58	16 44	1 24	15 11	1 3	15 12	1 48	7 35	2 22	20 41	0 40	16 47	1 31	17 53	16 11	23 50	23 49	6 17		n.a.
S 24	15 20	6 28	5 5	4 19	2 6	16 20	1 24	15 20	1 2	15 15	1 48	7 32	2 22	20 40	0 40	16 47	1 31	17 52	16 11	23 50	23 49	6 14		n.a.
M25	15 1	11 5	4 53	3 46	2 14	15 56	1 24	15 29	1 1	15 18	1 48	7 30	2 22	20 39	0 40	16 47	1 31	17 51	16 10	23 50	23 49	6 12		n.a.
T 26	14 42	15 20	4 27	3 14	2 21	15 31	1 24	15 37	1 0	15 21	1 48	7 27	2 22	20 39	0 40	16 47	1 31	17 50	16 10	23 50	23 49	6 9		n.a.
W27	14 22	19 0	3 49	2 43	2 28	15 5	1 24	15 46	0 59	15 23	1 48	7 24	2 22	20 38	0 40	16 47	1 31	17 49	16 10	23 50	23 49	6 6		n.a.
T 28	14 3	21 52	2 58	2 14	2 35	14 39	1 23	15 54	0 58	15 26	1 48	7 21	2 22	20 37	0 40	16 47	1 32	17 48	16 9	23 50	23 49	6 3		n.a.
F 29	13 43	23 43	1 57	1 45	2 41	14 13	1 23	16 2	0 57	15 29	1 48	7 19	2 22	20 36	0 40	16 47	1 32	17 46	16 9	23 50	23 49	6 0		n.a.
S 30	13 23	24 16	0 48	1 18	2 48	13 46	1 22	16 10	0 56	15 32	1 48	7 16	2 22	20 35	0 40	16 47	1 32	17 45	16 9	23 50	23 49	5 58		n.a.
S 31	13n 2	23n21	0s26	0n53	2s54	13n19	1n22	16n18	0s54	15s34	1s48	7n13	2n22	20n35	0n40	16n47	1s32	17n44	16n 9	23s50	23s49	5s55		n.a.

Julian Day Number = 1272743.5, Delta T = 08h15m35s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'48, Lahiri = -20°54'48 Julian Calendar 1 Aug. 1229 BCE == Greg. Calendar 21 July 1229 BCE

The year -1228 astronomical counting style corresponds to year 1229 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1229 BCE
geocentric

SEPTEMBER 1229 BCE (-1228) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 56 19	27♌ 3'27	18♋16	22♍ 1	0♍11	17♉18	23°R28	17♍32	2♌36	20♉50	22♍36	29°R 4	27♐26	3♓51	n.a.	M 1
T 2	22 0 16	28° 3'00	3♌ 2	22°43	1°26	17°41	23♒20	17°39	2°40	20°50	22°38	29♐ 0	27°23	3°58	n.a.	T 2
W 3	22 4 13	29° 2'35	18° 9	23°22	2°41	18° 3	23°12	17°46	2°43	20°50	22°40	28°54	27°20	4° 5	n.a.	W 3
T 4	22 8 9	0♍ 2'12	3♍27	23°56	3°57	18°26	23° 4	17°52	2°47	20°50	22°42	28°46	27°17	4°11	n.a.	T 4
F 5	22 12 6	1° 1'51	18°46	24°24	5°12	18°47	22°56	17°59	2°50	20°R50	22°45	28°36	27°14	4°18	n.a.	F 5
S 6	22 16 2	2° 1'32	3♎53	24°47	6°27	19° 8	22°48	18° 6	2°53	20°50	22°47	28°27	27°10	4°25	n.a.	S 6
S 7	22 19 59	3° 1'15	18°40	25° 4	7°42	19°29	22°40	18°13	2°57	20°50	22°49	28°18	27° 7	4°32	n.a.	S 7
M 8	22 23 55	4° 1'00	3♏ 0	25°14	8°58	19°49	22°33	18°20	3° 0	20°50	22°52	28°12	27° 4	4°38	n.a.	M 8
T 9	22 27 52	5° 0'47	16°51	25°R17	10°13	20° 9	22°25	18°27	3° 4	20°50	22°54	28° 9	27° 1	4°45	n.a.	T 9
W10	22 31 48	6° 0'36	0♐13	25°12	11°28	20°28	22°17	18°34	3° 7	20°50	22°56	28° 7	26°58	4°52	n.a.	W10
T 11	22 35 45	7° 0'26	13°10	24°59	12°44	20°47	22°10	18°41	3°10	20°50	22°59	28°D 7	26°55	4°58	n.a.	T 11
F 12	22 39 41	8° 0'19	25°44	24°38	13°59	21° 5	22° 2	18°48	3°14	20°50	23° 1	28°R 8	26°51	5° 5	n.a.	F 12
S 13	22 43 38	9° 0'13	8♑ 3	24° 7	15°14	21°23	21°55	18°55	3°17	20°49	23° 3	28° 7	26°48	5°12	n.a.	S 13
S 14	22 47 35	10° 0'09	20° 8	23°28	16°29	21°40	21°48	19° 2	3°20	20°49	23° 6	28° 5	26°45	5°19	n.a.	S 14
M15	22 51 31	11° 0'07	2♒ 6	22°40	17°45	21°57	21°40	19° 9	3°23	20°49	23° 8	28° 0	26°42	5°25	n.a.	M15
T 16	22 55 28	12° 0'07	14° 0	21°44	19° 0	22°13	21°33	19°16	3°26	20°48	23°11	27°53	26°39	5°32	n.a.	T 16
W17	22 59 24	13° 0'09	25°51	20°40	20°15	22°29	21°26	19°23	3°30	20°48	23°13	27°42	26°35	5°39	n.a.	W17
T 18	23 3 21	14° 0'13	7♓43	19°30	21°31	22°44	21°19	19°30	3°33	20°47	23°15	27°29	26°32	5°45	n.a.	T 18
F 19	23 7 17	15° 0'18	19°36	18°16	22°46	22°58	21°13	19°37	3°36	20°47	23°18	27°15	26°29	5°52	n.a.	F 19
S 20	23 11 14	16° 0'26	1♈33	16°59	24° 1	23°12	21° 6	19°44	3°39	20°46	23°20	27° 1	26°26	5°59	n.a.	S 20
S 21	23 15 10	17° 0'35	13°34	15°42	25°16	23°25	20°59	19°52	3°42	20°46	23°23	26°47	26°23	6° 6	n.a.	S 21
M22	23 19 7	18° 0'47	25°40	14°27	26°32	23°38	20°53	19°59	3°45	20°45	23°25	26°36	26°20	6°12	n.a.	M22
T 23	23 23 3	19° 1'01	7♉55	13°17	27°47	23°50	20°47	20° 6	3°48	20°45	23°28	26°27	26°16	6°19	n.a.	T 23
W24	23 27 0	20° 1'17	20°20	12°13	29° 2	24° 1	20°41	20°13	3°51	20°44	23°30	26°22	26°13	6°26	n.a.	W24
T 25	23 30 57	21° 1'35	2♊58	11°18	0♎18	24°12	20°35	20°20	3°54	20°43	23°32	26°19	26°10	6°32	n.a.	T 25
F 26	23 34 53	22° 1'56	15°53	10°33	1°33	24°22	20°29	20°27	3°57	20°43	23°35	26°18	26° 7	6°39	n.a.	F 26
S 27	23 38 50	23° 2'19	29°10	9°59	2°48	24°31	20°23	20°34	3°59	20°42	23°37	26°18	26° 4	6°46	n.a.	S 27
S 28	23 42 46	24° 2'43	12♋50	9°37	4° 4	24°40	20°18	20°41	4° 2	20°41	23°40	26°17	26° 0	6°53	n.a.	S 28
M29	23 46 43	25° 3'10	26°57	9°D26	5°19	24°48	20°12	20°48	4° 5	20°41	23°42	26°15	25°57	6°59	n.a.	M29
T 30	23 50 39	26♍ 3'39	11♌30	9♍27	6♎34	24♉55	20♒ 7	20♍55	4♌ 8	20♉40	23♍45	26♐10	25♐54	7♓ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n42	20n55	1s41	0n29	2s59	12n52	1n21	16n26	0s53	15s37	1s48	7n10	2n22	20n34	0n40	16n47	1s32	17n43	16n 8	23s50	23s49	5s52		n.a.
T 2	12 21	17 2	2 51	0 7	3 4	12 24	1 21	16 33	0 52	15 40	1 48	7 8	2 22	20 33	0 40	16 47	1 32	17 42	16 8	23 50	23 49	5 49		n.a.
W 3	12 0	11 59	3 51	0s13	3 9	11 56	1 20	16 41	0 51	15 43	1 48	7 5	2 22	20 32	0 40	16 47	1 32	17 41	16 8	23 50	23 49	5 47		n.a.
T 4	11 39	6 9	4 35	0 30	3 13	11 27	1 19	16 48	0 50	15 45	1 48	7 2	2 22	20 31	0 40	16 47	1 32	17 40	16 8	23 50	23 49	5 44		n.a.
F 5	11 17	0s 3	4 59	0 44	3 16	10 58	1 18	16 55	0 49	15 48	1 48	6 59	2 21	20 31	0 40	16 47	1 32	17 38	16 7	23 50	23 49	5 41		n.a.
S 6	10 56	6 10	5 2	0 56	3 19	10 29	1 17	17 2	0 48	15 50	1 48	6 57	2 21	20 30	0 40	16 47	1 32	17 37	16 7	23 50	23 49	5 38		n.a.
S 7	10 34	11 48	4 45	1 4	3 21	10 0	1 16	17 9	0 46	15 53	1 48	6 54	2 21	20 29	0 40	16 47	1 32	17 36	16 7	23 50	23 49	5 36		n.a.
M 8	10 12	16 37	4 10	1 9	3 21	9 30	1 15	17 16	0 45	15 56	1 48	6 51	2 21	20 28	0 40	16 47	1 32	17 35	16 7	23 50	23 48	5 33		n.a.
T 9	9 50	20 21	3 21	1 10	3 21	9 0	1 14	17 22	0 44	15 58	1 48	6 48	2 21	20 27	0 41	16 47	1 32	17 34	16 7	23 50	23 48	5 30		n.a.
W10	9 28	22 52	2 23	1 6	3 19	8 30	1 13	17 29	0 42	16 1	1 48	6 45	2 21	20 27	0 41	16 47	1 32	17 33	16 6	23 50	23 48	5 27		n.a.
T 11	9 5	24 4	1 19	0 58	3 16	8 0	1 12	17 35	0 41	16 3	1 48	6 43	2 21	20 26	0 41	16 47	1 32	17 32	16 6	23 50	23 48	5 24		n.a.
F 12	8 42	23 59	0 13	0 45	3 11	7 29	1 11	17 41	0 40	16 5	1 48	6 40	2 21	20 25	0 41	16 47	1 32	17 31	16 6	23 50	23 48	5 22		n.a.
S 13	8 20	22 43	0n52	0 27	3 5	6 59	1 10	17 47	0 38	16 8	1 48	6 37	2 21	20 24	0 41	16 47	1 32	17 29	16 6	23 50	23 48	5 19		n.a.
S 14	7 57	20 25	1 54	0 4	2 57	6 28	1 8	17 53	0 37	16 10	1 47	6 34	2 21	20 24	0 41	16 47	1 32	17 28	16 6	23 50	23 48	5 16		n.a.
M15	7 34	17 16	2 50	0n25	2 47	5 57	1 7	17 59	0 36	16 12	1 47	6 31	2 21	20 23	0 41	16 46	1 32	17 27	16 6	23 50	23 48	5 13		n.a.
T 16	7 10	13 26	3 38	0 58	2 35	5 25	1 5	18 5	0 34	16 15	1 47	6 28	2 21	20 22	0 41	16 46	1 32	17 26	16 5	23 49	23 48	5 11		n.a.
W17	6 47	9 7	4 16	1 36	2 21	4 54	1 4	18 10	0 33	16 17	1 47	6 26	2 21	20 21	0 41	16 46	1 32	17 25	16 5	23 49	23 48	5 8		n.a.
T 18	6 24	4 27	4 43	2 19	2 5	4 22	1 2	18 16	0 31	16 19	1 47	6 23	2 21	20 21	0 41	16 46	1 32	17 24	16 5	23 49	23 48	5 5		n.a.
F 19	6 0	0n22	4 57	3 4	1 48	3 51	1 1	18 21	0 30	16 21	1 47	6 20	2 21	20 20	0 41	16 46	1 32	17 23	16 5	23 49	23 48	5 2		n.a.
S 20	5 37	5 11	4 59	3 52	1 29	3 19	0 59	18 26	0 28	16 23	1 47	6 17	2 21	20 19	0 41	16 46	1 33	17 22	16 5	23 48	23 47	5 0		n.a.
S 21	5 13	9 50	4 47	4 40	1 9	2 47	0 57	18 31	0 27	16 25	1 47	6 14	2 21	20 19	0 41	16 45	1 33	17 21	16 5	23 48	23 47	4 57		n.a.
M22	4 49	14 9	4 23	5 28	0 49	2 15	0 55	18 35	0 25	16 27	1 46	6 11	2 21	20 18	0 41	16 45	1 33	17 20	16 5	23 48	23 47	4 54		n.a.
T 23	4 25	17 56	3 46	6 15	0 28	1 43	0 54	18 40	0 23	16 29	1 46	6 9	2 21	20 17	0 41	16 45	1 33	17 19	16 5	23 48	23 47	4 51		n.a.
W24	4 1	20 58	2 58	6 58	0 8	1 11	0 52	18 45	0 22	16 31	1 46	6 6	2 21	20 17	0 41	16 45	1 33	17 18	16 5	23 47	23 47	4 49		n.a.
T 25	3 37	23 4	2 0	7 38	0n12	0 38	0 50	18 49	0 20	16 33	1 46	6 3	2 21	20 16	0 41	16 45	1 33	17 17	16 5	23 47	23 47	4 46		n.a.
F 26	3 13	23 59	0 55	8 12	0 31	0 6	0 48	18 53	0 18	16 34	1 46	6 0	2 21	20 15	0 41	16 44	1 33	17 16	16 5	23 47	23 47	4 43		n.a.
S 27	2 48	23 35	0s15	8 42	0 48	0s26	0 46	18 57	0 16	16 36	1 46	5 57	2 21	20 15	0 41	16 44	1 33	17 15	16 4	23 47	23 47	4 40		n.a.
S 28	2 24	21 47	1 26	9 5	1 4	0 58	0 44	19 1	0 15	16 38	1 45	5 54	2 21	20 14	0 41	16 44	1 33	17 14	16 4	23 47	23 47	4 37		n.a.
M29	2 0	18 36	2 34	9 22	1 18	1 30	0 42	19 5	0 13	16 39	1 45	5 52	2 21	20 13	0 41	16 44	1 33	17 13	16 4	23 47	23 47	4 35		n.a.
T 30	1n35	14n12	3s34	9n33	1n31	2s 3	0n40	19n 8	0s11	16s41	1s45	5n49	2n21	20n13	0n41	16n44	1s33	17n12	16n 4	23s47	23s47	4s32		n.a.

Julian Day Number = 1272774.5, Delta T = 08h15m34s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'44, Lahiri = -20°54'43 Julian Calendar 1 Sept. 1229 BCE == Greg. Calendar 21 Aug. 1229 BCE

The year -1228 astronomical counting style corresponds to year 1229 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1229 BCE
geocentric

OCTOBER 1229 BCE (-1228) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 54 36	27♍ 4'10	26♌25	9♍38	7♎49	25♉ 2	20°R 2	21♍ 2	4♌10	20°R39	23♍47	26°R 3	25♐51	7♓13	n.a.	W 1
T 2	23 58 32	28° 4'43	11♍35	10° 0	9° 5	25° 7	19♒57	21° 9	4°13	20♉38	23°50	25♐53	25°48	7°19	n.a.	T 2
F 3	0 2 29	29° 5'18	26°52	10°32	10°20	25°12	19°53	21°17	4°15	20°37	23°52	25°41	25°45	7°26	n.a.	F 3
S 4	0 6 26	0♎ 5'54	12♎ 2	11°12	11°35	25°16	19°48	21°24	4°18	20°36	23°54	25°29	25°41	7°33	n.a.	S 4
S 5	0 10 22	1° 6'32	26°55	11°59	12°51	25°20	19°44	21°31	4°20	20°35	23°57	25°19	25°38	7°40	n.a.	S 5
M 6	0 14 19	2° 7'11	11♏25	12°53	14° 6	25°22	19°40	21°38	4°23	20°34	23°59	25°11	25°35	7°46	n.a.	M 6
T 7	0 18 15	3° 7'52	25°25	13°54	15°21	25°24	19°36	21°45	4°25	20°33	24° 2	25° 5	25°32	7°53	n.a.	T 7
W 8	0 22 12	4° 8'35	8♐54	14°59	16°37	25°25	19°32	21°52	4°28	20°32	24° 4	25° 2	25°29	8° 0	n.a.	W 8
T 9	0 26 8	5° 9'18	21°56	16° 9	17°52	25°R25	19°29	21°59	4°30	20°31	24° 7	25°D 2	25°26	8° 7	n.a.	T 9
F 10	0 30 5	6°10'03	4♑34	17°23	19° 7	25°25	19°25	22° 6	4°32	20°30	24° 9	25°R 2	25°22	8°13	n.a.	F 10
S 11	0 34 1	7°10'50	16°52	18°40	20°22	25°23	19°22	22°13	4°35	20°29	24°11	25° 1	25°19	8°20	n.a.	S 11
S 12	0 37 58	8°11'37	28°57	20° 0	21°38	25°21	19°19	22°19	4°37	20°28	24°14	25° 0	25°16	8°27	n.a.	S 12
M13	0 41 55	9°12'25	10♒52	21°22	22°53	25°18	19°17	22°26	4°39	20°27	24°16	24°55	25°13	8°33	n.a.	M13
T 14	0 45 51	10°13'15	22°43	22°47	24° 8	25°14	19°14	22°33	4°41	20°25	24°19	24°48	25°10	8°40	n.a.	T 14
W15	0 49 48	11°14'06	4♓33	24°13	25°23	25° 9	19°12	22°40	4°43	20°24	24°21	24°38	25° 6	8°47	n.a.	W15
T 16	0 53 44	12°14'58	16°26	25°40	26°38	25° 4	19°10	22°47	4°45	20°23	24°23	24°26	25° 3	8°54	n.a.	T 16
F 17	0 57 41	13°15'51	28°24	27° 9	27°54	24°57	19° 8	22°54	4°47	20°22	24°26	24°13	25° 0	9° 0	n.a.	F 17
S 18	1 1 37	14°16'46	10♈28	28°38	29° 9	24°50	19° 6	23° 1	4°49	20°20	24°28	23°59	24°57	9° 7	n.a.	S 18
S 19	1 5 34	15°17'42	22°39	0♎ 8	0♏24	24°42	19° 5	23° 7	4°51	20°19	24°30	23°46	24°54	9°14	n.a.	S 19
M20	1 9 30	16°18'39	4♉58	1°39	1°39	24°33	19° 3	23°14	4°52	20°18	24°33	23°35	24°51	9°20	n.a.	M20
T 21	1 13 27	17°19'37	17°25	3°11	2°54	24°23	19° 2	23°21	4°54	20°16	24°35	23°27	24°47	9°27	n.a.	T 21
W22	1 17 24	18°20'37	0♊ 2	4°43	4° 9	24°12	19° 1	23°27	4°56	20°15	24°37	23°22	24°44	9°34	n.a.	W22
T 23	1 21 20	19°21'38	12°51	6°15	5°25	24° 0	19° 0	23°34	4°58	20°14	24°39	23°19	24°41	9°41	n.a.	T 23
F 24	1 25 17	20°22'40	25°53	7°47	6°40	23°48	19° 0	23°41	4°59	20°12	24°42	23°D19	24°38	9°47	n.a.	F 24
S 25	1 29 13	21°23'44	9♋10	9°20	7°55	23°35	19° 0	23°47	5° 1	20°11	24°44	23°19	24°35	9°54	n.a.	S 25
S 26	1 33 10	22°24'49	22°46	10°53	9°10	23°21	19°D 0	23°54	5° 2	20° 9	24°46	23°R20	24°31	10° 1	n.a.	S 26
M27	1 37 6	23°25'56	6♌41	12°26	10°25	23° 6	19° 0	24° 0	5° 4	20° 8	24°48	23°19	24°28	10° 7	n.a.	M27
T 28	1 41 3	24°27'03	20°57	13°59	11°40	22°50	19° 0	24° 7	5° 5	20° 6	24°51	23°16	24°25	10°14	n.a.	T 28
W29	1 44 59	25°28'12	5♍31	15°33	12°55	22°34	19° 1	24°13	5° 6	20° 5	24°53	23°11	24°22	10°21	n.a.	W29
T 30	1 48 56	26°29'22	20°19	17° 6	14°10	22°17	19° 1	24°20	5° 8	20° 3	24°55	23° 3	24°19	10°28	n.a.	T 30
F 31	1 52 53	27♎30'33	5♎14	18♎39	15♏26	21♉59	19♒ 2	24♍26	5♌ 9	20♉ 2	24♍57	22♐54	24♐16	10♓34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1n11	8n50	4s21	9n39	1n41	2s35	0n38	19n12	0s 9	16s42	1s45	5n46	2n21	20n12	0n41	16n43	1s33	17n11	16n 4	23s47	23s46	4s29		n.a.
T 2	0 47	2 52	4 51	9 39	1 51	3 7	0 36	19 15	0 7	16 43	1 45	5 43	2 21	20 12	0 41	16 43	1 33	17 10	16 4	23 46	23 46	4 26		n.a.
F 3	0 22	3s18	5 0	9 34	1 58	3 39	0 33	19 18	0 5	16 45	1 44	5 40	2 21	20 11	0 41	16 43	1 33	17 9	16 4	23 46	23 46	4 24		n.a.
S 4	0s 2	9 14	4 48	9 24	2 4	4 11	0 31	19 21	0 3	16 46	1 44	5 38	2 21	20 10	0 41	16 42	1 33	17 8	16 4	23 46	23 46	4 21		n.a.
S 5	0 27	14 31	4 16	9 10	2 9	4 43	0 29	19 24	0 1	16 47	1 44	5 35	2 21	20 10	0 41	16 42	1 33	17 7	16 5	23 45	23 46	4 18		n.a.
M 6	0 51	18 48	3 29	8 52	2 12	5 15	0 27	19 26	0n 1	16 48	1 44	5 32	2 21	20 9	0 41	16 42	1 33	17 6	16 5	23 45	23 46	4 15		n.a.
T 7	1 16	21 51	2 30	8 30	2 14	5 46	0 24	19 29	0 3	16 49	1 43	5 29	2 21	20 9	0 41	16 42	1 33	17 5	16 5	23 45	23 46	4 13		n.a.
W 8	1 40	23 32	1 24	8 5	2 16	6 18	0 22	19 31	0 5	16 50	1 43	5 26	2 22	20 8	0 41	16 41	1 33	17 4	16 5	23 45	23 46	4 10		n.a.
T 9	2 5	23 52	0 16	7 38	2 16	6 49	0 20	19 33	0 7	16 51	1 43	5 24	2 22	20 8	0 41	16 41	1 33	17 3	16 5	23 45	23 46	4 7		n.a.
F 10	2 29	22 55	0n50	7 8	2 15	7 20	0 17	19 35	0 9	16 52	1 43	5 21	2 22	20 7	0 42	16 41	1 33	17 2	16 5	23 45	23 45	4 4		n.a.
S 11	2 54	20 53	1 53	6 36	2 13	7 52	0 15	19 37	0 12	16 53	1 42	5 18	2 22	20 7	0 42	16 40	1 33	17 1	16 5	23 45	23 45	4 2		n.a.
S 12	3 18	17 57	2 49	6 2	2 11	8 22	0 12	19 39	0 14	16 53	1 42	5 16	2 22	20 6	0 42	16 40	1 33	17 0	16 5	23 45	23 45	3 59		n.a.
M13	3 42	14 19	3 37	5 26	2 8	8 53	0 10	19 40	0 16	16 54	1 42	5 13	2 22	20 6	0 42	16 40	1 33	16 59	16 5	23 44	23 45	3 56		n.a.
T 14	4 7	10 9	4 16	4 49	2 5	9 24	0 8	19 41	0 18	16 54	1 42	5 10	2 22	20 5	0 42	16 39	1 33	16 59	16 5	23 44	23 45	3 53		n.a.
W15	4 31	5 37	4 43	4 11	2 1	9 54	0 5	19 42	0 21	16 55	1 41	5 7	2 22	20 5	0 42	16 39	1 33	16 58	16 5	23 44	23 45	3 51		n.a.
T 16	4 55	0 52	4 58	3 32	1 57	10 24	0 3	19 43	0 23	16 55	1 41	5 5	2 22	20 4	0 42	16 39	1 33	16 57	16 5	23 43	23 45	3 48		n.a.
F 17	5 19	3n56	5 0	2 52	1 52	10 54	0 0	19 44	0 25	16 56	1 41	5 2	2 22	20 4	0 42	16 38	1 33	16 56	16 6	23 43	23 45	3 45		n.a.
S 18	5 43	8 37	4 49	2 11	1 47	11 23	0s 2	19 45	0 28	16 56	1 41	4 59	2 22	20 3	0 42	16 38	1 33	16 55	16 6	23 42	23 45	3 42		n.a.
S 19	6 7	13 2	4 24	1 30	1 42	11 53	0 5	19 45	0 30	16 56	1 40	4 57	2 22	20 3	0 42	16 37	1 33	16 54	16 6	23 41	23 44	3 39		n.a.
M20	6 31	16 57	3 47	0 48	1 36	12 21	0 7	19 45	0 33	16 56	1 40	4 54	2 22	20 3	0 42	16 37	1 33	16 54	16 6	23 41	23 44	3 37		n.a.
T 21	6 55	20 10	2 59	0 6	1 31	12 50	0 10	19 45	0 35	16 56	1 40	4 52	2 23	20 2	0 42	16 37	1 33	16 53	16 6	23 41	23 44	3 34		n.a.
W22	7 18	22 28	2 1	0s37	1 25	13 18	0 12	19 45	0 38	16 57	1 39	4 49	2 23	20 2	0 42	16 36	1 34	16 52	16 6	23 40	23 44	3 31		n.a.
T 23	7 42	23 38	0 56	1 19	1 19	13 46	0 15	19 44	0 40	16 56	1 39	4 46	2 23	20 1	0 42	16 36	1 34	16 51	16 7	23 40	23 44	3 28		n.a.
F 24	8 5	23 33	0s14	2 2	1 12	14 14	0 17	19 44	0 43	16 56	1 39	4 44	2 23	20 1	0 42	16 35	1 34	16 51	16 7	23 40	23 44	3 26		n.a.
S 25	8 29	22 8	1 24	2 45	1 6	14 41	0 20	19 43	0 45	16 56	1 39	4 41	2 23	20 1	0 42	16 35	1 34	16 50	16 7	23 40	23 44	3 23		n.a.
S 26	8 52	19 25	2 30	3 28	0 59	15 8	0 22	19 42	0 48	16 56	1 38	4 39	2 23	20 0	0 42	16 35	1 34	16 49	16 7	23 40	23 43	3 20		n.a.
M27	9 15	15 32	3 30	4 11	0 53	15 35	0 25	19 40	0 50	16 56	1 38	4 36	2 23	20 0	0 42	16 34	1 34	16 49	16 7	23 40	23 43	3 17		n.a.
T 28	9 38	10 41	4 18	4 54	0 46	16 1	0 27	19 39	0 53	16 55	1 38	4 34	2 23	20 0	0 42	16 34	1 34	16 48	16 8	23 40	23 43	3 15		n.a.
W29	10 1	5 9	4 51	5 37	0 39	16 27	0 30	19 37	0 56	16 55	1 37	4 31	2 23	20 0	0 42	16 33	1 34	16 47	16 8	23 40	23 43	3 12		n.a.
T 30	10 23	0s45	5 5	6 19	0 33	16 52	0 32	19 35	0 58	16 54	1 37	4 29	2 24	19 59	0 42	16 33	1 34	16 47	16 8	23 39	23 43	3 9		n.a.
F 31	10s46	6s39	4s58	7s 2	0n26	17s17	0s34	19n33	1n 1	16s54	1s37	4n26	2n24	19n59	0n42	16n33	1s34	16n46	16n 8	23s39	23s43	3s 6		n.a.

Julian Day Number = 1272804.5, Delta T = 08h15m32s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'40, Lahiri = -20°54'39 Julian Calendar 1 Oct. 1229 BCE == Greg. Calendar 20 Sept. 1229 BCE

The year -1228 astronomical counting style corresponds to year 1229 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1229 BCE
geocentric

NOVEMBER 1229 BCE (-1228) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 56 49	28♎31'45	20♎ 8	20♎13	16♏41	21°R41	19♒ 4	24♍32	5♌10	20°R 0	24♍59	22°R45	24♐12	10♓41	n.a.	S 1
S 2	2 0 46	29°32'57	4♏51	21°46	17°56	21♉21	19° 5	24°38	5°11	19♉59	25° 1	22♐37	24° 9	10°48	n.a.	S 2
M 3	2 4 42	0♏34'11	19°16	23°20	19°11	21° 2	19° 7	24°45	5°12	19°57	25° 3	22°31	24° 6	10°54	n.a.	M 3
T 4	2 8 39	1°35'25	3♐16	24°54	20°26	20°41	19° 8	24°51	5°13	19°55	25° 6	22°26	24° 3	11° 1	n.a.	T 4
W 5	2 12 35	2°36'39	16°50	26°28	21°41	20°20	19°10	24°57	5°14	19°54	25° 8	22°D25	24° 0	11° 8	n.a.	W 5
T 6	2 16 32	3°37'54	29°57	28° 1	22°56	19°59	19°13	25° 3	5°15	19°52	25°10	22°25	23°57	11°15	n.a.	T 6
F 7	2 20 28	4°39'10	12♑41	29°35	24°11	19°37	19°15	25° 9	5°16	19°51	25°12	22°26	23°53	11°21	n.a.	F 7
S 8	2 24 25	5°40'25	25° 4	1♏ 9	25°26	19°15	19°18	25°15	5°17	19°49	25°14	22°27	23°50	11°28	n.a.	S 8
S 9	2 28 22	6°41'41	7♒11	2°44	26°41	18°52	19°21	25°21	5°17	19°47	25°16	22°R28	23°47	11°35	n.a.	S 9
M10	2 32 18	7°42'57	19° 8	4°18	27°56	18°29	19°24	25°27	5°18	19°46	25°18	22°27	23°44	11°42	n.a.	M10
T 11	2 36 15	8°44'13	1♓ 0	5°52	29°11	18° 6	19°27	25°33	5°19	19°44	25°20	22°24	23°41	11°48	n.a.	T 11
W12	2 40 11	9°45'29	12°51	7°27	0♐26	17°43	19°30	25°38	5°19	19°42	25°21	22°19	23°37	11°55	n.a.	W12
T 13	2 44 8	10°46'45	24°46	9° 2	1°41	17°19	19°34	25°44	5°20	19°41	25°23	22°13	23°34	12° 2	n.a.	T 13
F 14	2 48 4	11°48'01	6♈48	10°37	2°56	16°55	19°38	25°50	5°20	19°39	25°25	22° 6	23°31	12° 8	n.a.	F 14
S 15	2 52 1	12°49'18	18°59	12°12	4°10	16°31	19°42	25°55	5°20	19°37	25°27	21°58	23°28	12°15	n.a.	S 15
S 16	2 55 57	13°50'34	1♉21	13°47	5°25	16° 7	19°46	26° 1	5°21	19°36	25°29	21°50	23°25	12°22	n.a.	S 16
M17	2 59 54	14°51'51	13°54	15°23	6°40	15°43	19°50	26° 6	5°21	19°34	25°31	21°44	23°22	12°29	n.a.	M17
T 18	3 3 51	15°53'08	26°40	16°59	7°55	15°19	19°55	26°12	5°21	19°32	25°32	21°40	23°18	12°35	n.a.	T 18
W19	3 7 47	16°54'25	9♊38	18°35	9°10	14°56	19°59	26°17	5°21	19°30	25°34	21°37	23°15	12°42	n.a.	W19
T 20	3 11 44	17°55'42	22°47	20°11	10°25	14°32	20° 4	26°22	5°22	19°29	25°36	21°D37	23°12	12°49	n.a.	T 20
F 21	3 15 40	18°56'59	6♋ 9	21°48	11°39	14° 8	20°10	26°28	5°R22	19°27	25°37	21°37	23° 9	12°55	n.a.	F 21
S 22	3 19 37	19°58'17	19°41	23°25	12°54	13°45	20°15	26°33	5°22	19°25	25°39	21°39	23° 6	13° 2	n.a.	S 22
S 23	3 23 33	20°59'35	3♌25	25° 3	14° 9	13°22	20°20	26°38	5°21	19°24	25°41	21°41	23° 3	13° 9	n.a.	S 23
M24	3 27 30	22° 0'53	17°21	26°40	15°24	12°59	20°26	26°43	5°21	19°22	25°42	21°R42	22°59	13°16	n.a.	M24
T 25	3 31 27	23° 2'10	1♍28	28°18	16°38	12°37	20°32	26°48	5°21	19°20	25°44	21°41	22°56	13°22	n.a.	T 25
W26	3 35 23	24° 3'29	15°45	29°57	17°53	12°15	20°38	26°53	5°21	19°19	25°45	21°40	22°53	13°29	n.a.	W26
T 27	3 39 20	25° 4'47	0♎ 8	1♐35	19° 8	11°54	20°44	26°57	5°21	19°17	25°47	21°37	22°50	13°36	n.a.	T 27
F 28	3 43 16	26° 6'05	14°35	3°14	20°22	11°33	20°50	27° 2	5°20	19°15	25°48	21°33	22°47	13°43	n.a.	F 28
S 29	3 47 13	27° 7'23	28°59	4°53	21°37	11°12	20°57	27° 7	5°20	19°13	25°50	21°30	22°43	13°49	n.a.	S 29
S 30	3 51 9	28♏ 8'40	13♏16	6♐33	22♐52	10♉53	21♒ 3	27♍11	5♌19	19♉12	25♍51	21♐26	22♐40	13♓56	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 8	12s10	4s31	7s44	0n19	17s41	0s37	19n30	1n 4	16s53	1s36	4n24	2n24	19n59	0n42	16n32	1s34	16n45	16n 9	23s38	23s43	3s 4		n.a.
S 2	11 30	16 54	3 47	8 26	0 13	18 5	0 39	19 28	1 6	16 52	1 36	4 22	2 24	19 59	0 42	16 32	1 34	16 45	16 9	23 38	23 43	3 1		n.a.
M 3	11 52	20 32	2 48	9 7	0 6	18 29	0 42	19 25	1 9	16 51	1 36	4 19	2 24	19 58	0 43	16 31	1 34	16 44	16 9	23 37	23 42	2 58		n.a.
T 4	12 13	22 49	1 41	9 48	0s 1	18 51	0 44	19 22	1 11	16 51	1 36	4 17	2 24	19 58	0 43	16 31	1 34	16 44	16 10	23 37	23 42	2 55		n.a.
W 5	12 35	23 40	0 30	10 29	0 7	19 14	0 46	19 19	1 14	16 50	1 35	4 14	2 24	19 58	0 43	16 30	1 34	16 43	16 10	23 37	23 42	2 53		n.a.
T 6	12 56	23 10	0n41	11 10	0 14	19 36	0 48	19 16	1 17	16 49	1 35	4 12	2 25	19 58	0 43	16 30	1 34	16 42	16 10	23 37	23 42	2 50		n.a.
F 7	13 17	21 27	1 47	11 50	0 20	19 57	0 51	19 12	1 19	16 48	1 35	4 10	2 25	19 58	0 43	16 29	1 34	16 42	16 10	23 37	23 42	2 47		n.a.
S 8	13 38	18 45	2 47	12 29	0 27	20 18	0 53	19 8	1 22	16 46	1 34	4 8	2 25	19 57	0 43	16 29	1 34	16 41	16 11	23 37	23 42	2 44		n.a.
S 9	13 59	15 16	3 38	13 8	0 33	20 38	0 55	19 4	1 24	16 45	1 34	4 5	2 25	19 57	0 43	16 29	1 34	16 41	16 11	23 37	23 41	2 42		n.a.
M10	14 19	11 15	4 19	13 47	0 39	20 58	0 57	19 0	1 27	16 44	1 34	4 3	2 25	19 57	0 43	16 28	1 34	16 40	16 11	23 37	23 41	2 39		n.a.
T 11	14 39	6 49	4 48	14 25	0 45	21 17	1 0	18 56	1 29	16 43	1 34	4 1	2 25	19 57	0 43	16 28	1 34	16 40	16 12	23 37	23 41	2 36		n.a.
W12	14 59	2 10	5 5	15 2	0 51	21 35	1 2	18 51	1 31	16 41	1 33	3 59	2 25	19 57	0 43	16 27	1 34	16 39	16 12	23 37	23 41	2 34		n.a.
T 13	15 18	2n36	5 9	15 39	0 57	21 53	1 4	18 47	1 34	16 40	1 33	3 57	2 26	19 57	0 43	16 27	1 34	16 39	16 13	23 36	23 41	2 31		n.a.
F 14	15 38	7 18	4 59	16 15	1 3	22 10	1 6	18 42	1 36	16 38	1 33	3 54	2 26	19 57	0 43	16 26	1 34	16 39	16 13	23 36	23 41	2 28		n.a.
S 15	15 57	11 47	4 36	16 50	1 8	22 27	1 8	18 37	1 38	16 37	1 32	3 52	2 26	19 57	0 43	16 26	1 34	16 38	16 13	23 36	23 41	2 25		n.a.
S 16	16 15	15 52	3 59	17 24	1 13	22 42	1 10	18 33	1 41	16 35	1 32	3 50	2 26	19 57	0 43	16 25	1 34	16 38	16 14	23 35	23 40	2 23		n.a.
M17	16 34	19 18	3 11	17 58	1 19	22 58	1 12	18 27	1 43	16 34	1 32	3 48	2 26	19 57	0 43	16 25	1 34	16 37	16 14	23 35	23 40	2 20		n.a.
T 18	16 52	21 52	2 12	18 31	1 24	23 12	1 13	18 22	1 45	16 32	1 32	3 46	2 26	19 57	0 43	16 24	1 34	16 37	16 14	23 34	23 40	2 17		n.a.
W19	17 10	23 20	1 5	19 3	1 28	23 26	1 15	18 17	1 47	16 30	1 31	3 44	2 27	19 57	0 43	16 24	1 34	16 37	16 15	23 34	23 40	2 14		n.a.
T 20	17 28	23 32	0s 6	19 35	1 33	23 39	1 17	18 12	1 49	16 28	1 31	3 42	2 27	19 57	0 43	16 24	1 34	16 36	16 15	23 34	23 40	2 12		n.a.
F 21	17 45	22 23	1 19	20 5	1 37	23 52	1 19	18 7	1 51	16 26	1 31	3 40	2 27	19 57	0 43	16 23	1 34	16 36	16 16	23 34	23 40	2 9		n.a.
S 22	18 2	19 56	2 27	20 34	1 41	24 3	1 21	18 1	1 53	16 24	1 30	3 38	2 27	19 57	0 43	16 23	1 34	16 36	16 16	23 34	23 39	2 6		n.a.
S 23	18 18	16 20	3 29	21 3	1 45	24 14	1 22	17 56	1 55	16 22	1 30	3 37	2 27	19 57	0 43	16 22	1 34	16 35	16 16	23 34	23 39	2 3		n.a.
M24	18 35	11 47	4 19	21 30	1 49	24 25	1 24	17 51	1 57	16 20	1 30	3 35	2 28	19 57	0 43	16 22	1 34	16 35	16 17	23 34	23 39	2 1		n.a.
T 25	18 50	6 33	4 54	21 56	1 52	24 34	1 25	17 46	1 58	16 18	1 30	3 33	2 28	19 57	0 44	16 21	1 34	16 35	16 17	23 34	23 39	1 58		n.a.
W26	19 6	0 56	5 12	22 21	1 55	24 43	1 27	17 40	2 0	16 16	1 29	3 31	2 28	19 57	0 44	16 21	1 34	16 35	16 18	23 34	23 39	1 55		n.a.
T 27	19 21	4s47	5 10	22 44	1 57	24 51	1 28	17 35	2 2	16 14	1 29	3 29	2 28	19 57	0 44	16 20	1 34	16 35	16 18	23 34	23 39	1 52		n.a.
F 28	19 36	10 15	4 49	23 7	2 0	24 58	1 29	17 30	2 3	16 11	1 29	3 28	2 28	19 57	0 44	16 20	1 34	16 34	16 19	23 34	23 38	1 50		n.a.
S 29	19 51	15 10	4 9	23 28	2 2	25 5	1 31	17 25	2 5	16 9	1 28	3 26	2 29	19 58	0 44	16 19	1 34	16 34	16 19	23 34	23 38	1 47		n.a.
S 30	20s 5	19s10	3s14	23s47	2s 3	25s10	1s32	17n20	2n 6	16s 6	1s28	3n24	2n29	19n58	0n44	16n19	1s34	16n34	16n19	23s33	23s38	1s44		n.a.

Julian Day Number = 1272835.5, Delta T = 08h15m30s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'36, Lahiri = -20°54'35 Julian Calendar 1 Nov. 1229 BCE == Greg. Calendar 21 Oct. 1229 BCE

The year -1228 astronomical counting style corresponds to year 1229 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1229 BCE
geocentric

DECEMBER 1229 BCE (-1228) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 55 6	29♏ 9'58	27♏20	8♐12	24♐ 6	10°R33	21♒10	27♍16	5°R19	19°R10	25♍53	21°R24	22♐37	14♓ 3	n.a.	M 1
T 2	3 59 2	0♐11'15	11♐ 7	9°52	25°21	10♉15	21°17	27°20	5♌18	19♉ 8	25°54	21♐22	22°34	14° 9	n.a.	T 2
W 3	4 2 59	1°12'32	24°33	11°32	26°35	9°57	21°24	27°25	5°18	19° 7	25°55	21°D22	22°31	14°16	n.a.	W 3
T 4	4 6 56	2°13'48	7♑38	13°12	27°50	9°39	21°32	27°29	5°17	19° 5	25°57	21°23	22°28	14°23	n.a.	T 4
F 5	4 10 52	3°15'03	20°23	14°51	29° 4	9°23	21°39	27°33	5°16	19° 3	25°58	21°24	22°24	14°30	n.a.	F 5
S 6	4 14 49	4°16'17	2♒49	16°31	0♑19	9° 7	21°47	27°37	5°15	19° 2	25°59	21°25	22°21	14°36	n.a.	S 6
S 7	4 18 45	5°17'31	15° 0	18°10	1°33	8°52	21°55	27°41	5°15	19° 0	26° 0	21°27	22°18	14°43	n.a.	S 7
M 8	4 22 42	6°18'43	27° 0	19°49	2°48	8°37	22° 3	27°45	5°14	18°59	26° 1	21°28	22°15	14°50	n.a.	M 8
T 9	4 26 38	7°19'55	8♓53	21°27	4° 2	8°24	22°11	27°49	5°13	18°57	26° 3	21°R28	22°12	14°57	n.a.	T 9
W10	4 30 35	8°21'05	20°46	23° 4	5°16	8°11	22°19	27°53	5°12	18°55	26° 4	21°28	22° 9	15° 3	n.a.	W10
T 11	4 34 32	9°22'14	2♈41	24°40	6°31	7°59	22°27	27°57	5°11	18°54	26° 5	21°27	22° 5	15°10	n.a.	T 11
F 12	4 38 28	10°23'23	14°44	26°15	7°45	7°48	22°36	28° 0	5° 9	18°52	26° 6	21°25	22° 2	15°17	n.a.	F 12
S 13	4 42 25	11°24'30	26°59	27°47	8°59	7°37	22°45	28° 4	5° 8	18°51	26° 7	21°24	21°59	15°23	n.a.	S 13
S 14	4 46 21	12°25'36	9♉28	29°17	10°14	7°28	22°53	28° 7	5° 7	18°49	26° 8	21°22	21°56	15°30	n.a.	S 14
M15	4 50 18	13°26'41	22°13	0♑45	11°28	7°19	23° 2	28°10	5° 6	18°48	26° 9	21°21	21°53	15°37	n.a.	M15
T 16	4 54 14	14°27'45	5♊16	2° 9	12°42	7°11	23°11	28°14	5° 5	18°46	26°10	21°21	21°49	15°44	n.a.	T 16
W17	4 58 11	15°28'48	18°36	3°29	13°56	7° 4	23°21	28°17	5° 3	18°45	26°10	21°D20	21°46	15°50	n.a.	W17
T 18	5 2 7	16°29'50	2♋11	4°45	15°10	6°57	23°30	28°20	5° 2	18°43	26°11	21°20	21°43	15°57	n.a.	T 18
F 19	5 6 4	17°30'51	16° 0	5°55	16°24	6°52	23°39	28°23	5° 0	18°42	26°12	21°21	21°40	16° 4	n.a.	F 19
S 20	5 10 1	18°31'51	29°59	7° 0	17°38	6°47	23°49	28°26	4°59	18°40	26°13	21°21	21°37	16°10	n.a.	S 20
S 21	5 13 57	19°32'50	14♌ 7	7°57	18°52	6°43	23°59	28°29	4°57	18°39	26°13	21°21	21°34	16°17	n.a.	S 21
M22	5 17 54	20°33'48	28°18	8°46	20° 6	6°40	24° 9	28°31	4°56	18°37	26°14	21°21	21°30	16°24	n.a.	M22
T 23	5 21 50	21°34'45	12♍31	9°27	21°20	6°37	24°19	28°34	4°54	18°36	26°15	21°R21	21°27	16°31	n.a.	T 23
W24	5 25 47	22°35'41	26°43	9°59	22°34	6°36	24°29	28°37	4°52	18°35	26°15	21°D21	21°24	16°37	n.a.	W24
T 25	5 29 43	23°36'36	10♎52	10°21	23°47	6°35	24°39	28°39	4°51	18°33	26°16	21°21	21°21	16°44	n.a.	T 25
F 26	5 33 40	24°37'30	24°55	10°32	25° 1	6°D35	24°49	28°41	4°49	18°32	26°16	21°22	21°18	16°51	n.a.	F 26
S 27	5 37 37	25°38'23	8♏51	10°R32	26°15	6°35	25° 0	28°44	4°47	18°31	26°17	21°22	21°15	16°58	n.a.	S 27
S 28	5 41 33	26°39'15	22°37	10°22	27°29	6°37	25°10	28°46	4°45	18°29	26°17	21°23	21°11	17° 4	n.a.	S 28
M29	5 45 30	27°40'06	6♐13	10° 0	28°42	6°39	25°21	28°48	4°43	18°28	26°18	21°23	21° 8	17°11	n.a.	M29
T 30	5 49 26	28°40'55	19°35	9°28	29°56	6°42	25°32	28°50	4°41	18°27	26°18	21°R23	21° 5	17°18	n.a.	T 30
W31	5 53 23	29♐41'43	2♑43	8♑45	1♒ 9	6♉45	25♒42	28♍52	4♌40	18♉26	26♍19	21♐23	21♐ 2	17♓24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s18	21s58	2s 8	24s 5	2s 4	25s15	1s33	17n15	2n 8	16s 4	1s28	3n23	2n29	19n58	0n44	16n19	1s34	16n34	16n20	23s33	23s38	1s42		n.a.
T 2	20 32	23 25	0 56	24 21	2 5	25 20	1 34	17 10	2 9	16 1	1 28	3 21	2 29	19 58	0 44	16 18	1 34	16 34	16 20	23 33	23 38	1 39		n.a.
W 3	20 45	23 26	0n18	24 36	2 5	25 23	1 35	17 6	2 10	15 59	1 27	3 20	2 30	19 58	0 44	16 18	1 34	16 34	16 21	23 33	23 37	1 36		n.a.
T 4	20 57	22 9	1 29	24 49	2 4	25 26	1 36	17 1	2 11	15 56	1 27	3 18	2 30	19 58	0 44	16 17	1 34	16 34	16 21	23 33	23 37	1 33		n.a.
F 5	21 9	19 44	2 33	25 0	2 3	25 27	1 37	16 57	2 12	15 53	1 27	3 17	2 30	19 59	0 44	16 17	1 33	16 33	16 22	23 33	23 37	1 31		n.a.
S 6	21 21	16 28	3 29	25 10	2 2	25 28	1 38	16 53	2 13	15 51	1 27	3 15	2 30	19 59	0 44	16 16	1 33	16 33	16 22	23 33	23 37	1 28		n.a.
S 7	21 32	12 33	4 15	25 18	2 0	25 29	1 39	16 48	2 14	15 48	1 26	3 14	2 30	19 59	0 44	16 16	1 33	16 33	16 23	23 34	23 37	1 25		n.a.
M 8	21 43	8 13	4 48	25 23	1 57	25 28	1 39	16 45	2 15	15 45	1 26	3 12	2 31	19 59	0 44	16 15	1 33	16 33	16 23	23 34	23 37	1 23		n.a.
T 9	21 54	3 37	5 9	25 27	1 54	25 27	1 40	16 41	2 16	15 42	1 26	3 11	2 31	20 0	0 44	16 15	1 33	16 33	16 24	23 34	23 36	1 20		n.a.
W10	22 4	1n 7	5 16	25 29	1 50	25 25	1 41	16 38	2 17	15 39	1 26	3 10	2 31	20 0	0 44	16 15	1 33	16 33	16 24	23 34	23 36	1 17		n.a.
T 11	22 14	5 49	5 10	25 28	1 45	25 22	1 41	16 34	2 18	15 36	1 25	3 8	2 31	20 0	0 44	16 14	1 33	16 33	16 25	23 34	23 36	1 14		n.a.
F 12	22 23	10 21	4 51	25 26	1 39	25 18	1 42	16 31	2 19	15 33	1 25	3 7	2 32	20 1	0 44	16 14	1 33	16 33	16 25	23 33	23 36	1 12		n.a.
S 13	22 31	14 33	4 18	25 22	1 32	25 13	1 42	16 28	2 19	15 30	1 25	3 6	2 32	20 1	0 44	16 13	1 33	16 34	16 26	23 33	23 36	1 9		n.a.
S 14	22 40	18 13	3 32	25 15	1 25	25 8	1 42	16 26	2 20	15 27	1 25	3 5	2 32	20 1	0 44	16 13	1 33	16 34	16 26	23 33	23 35	1 6		n.a.
M15	22 48	21 7	2 34	25 7	1 16	25 2	1 42	16 23	2 20	15 23	1 24	3 4	2 32	20 2	0 44	16 13	1 33	16 34	16 27	23 33	23 35	1 4		n.a.
T 16	22 55	22 59	1 28	24 56	1 7	24 55	1 43	16 21	2 21	15 20	1 24	3 3	2 33	20 2	0 44	16 12	1 33	16 34	16 27	23 33	23 35	1 1		n.a.
W17	23 2	23 36	0 15	24 44	0 57	24 48	1 43	16 19	2 21	15 17	1 24	3 1	2 33	20 2	0 44	16 12	1 33	16 34	16 28	23 33	23 35	0 58		n.a.
T 18	23 9	22 49	1s 0	24 31	0 45	24 40	1 43	16 17	2 22	15 14	1 24	3 0	2 33	20 3	0 44	16 12	1 33	16 34	16 28	23 33	23 35	0 55		n.a.
F 19	23 15	20 40	2 13	24 15	0 33	24 30	1 42	16 16	2 22	15 10	1 24	2 59	2 33	20 3	0 45	16 11	1 33	16 34	16 29	23 33	23 34	0 53		n.a.
S 20	23 20	17 16	3 18	23 59	0 20	24 21	1 42	16 15	2 22	15 7	1 23	2 59	2 34	20 4	0 45	16 11	1 33	16 34	16 29	23 33	23 34	0 50		n.a.
S 21	23 25	12 50	4 13	23 41	0 5	24 10	1 42	16 13	2 23	15 3	1 23	2 58	2 34	20 4	0 45	16 10	1 33	16 35	16 30	23 33	23 34	0 47		n.a.
M22	23 30	7 42	4 52	23 23	0n10	23 59	1 42	16 13	2 23	15 0	1 23	2 57	2 34	20 4	0 45	16 10	1 33	16 35	16 30	23 33	23 34	0 45		n.a.
T 23	23 34	2 9	5 13	23 4	0 26	23 47	1 41	16 12	2 23	14 56	1 23	2 56	2 34	20 5	0 45	16 10	1 33	16 35	16 31	23 33	23 34	0 42		n.a.
W24	23 38	3s29	5 16	22 45	0 43	23 34	1 41	16 12	2 23	14 52	1 22	2 55	2 35	20 5	0 45	16 9	1 33	16 35	16 32	23 33	23 33	0 39		n.a.
T 25	23 41	8 56	4 59	22 25	1 1	23 21	1 40	16 11	2 24	14 49	1 22	2 54	2 35	20 6	0 45	16 9	1 33	16 36	16 32	23 33	23 33	0 36		n.a.
F 26	23 44	13 53	4 25	22 7	1 18	23 7	1 40	16 12	2 24	14 45	1 22	2 54	2 35	20 6	0 45	16 9	1 33	16 36	16 33	23 33	23 33	0 34		n.a.
S 27	23 46	18 4	3 35	21 48	1 37	22 52	1 39	16 12	2 24	14 41	1 22	2 53	2 35	20 7	0 45	16 8	1 33	16 36	16 33	23 33	23 33	0 31		n.a.
S 28	23 48	21 12	2 33	21 31	1 55	22 37	1 38	16 12	2 24	14 38	1 22	2 52	2 36	20 7	0 45	16 8	1 33	16 36	16 34	23 33	23 32	0 28		n.a.
M29	23 49	23 4	1 23	21 15	2 13	22 21	1 37	16 13	2 24	14 34	1 21	2 52	2 36	20 8	0 45	16 8	1 33	16 37	16 34	23 33	23 32	0 26		n.a.
T 30	23 50	23 35	0 10	21 0	2 30	22 4	1 36	16 14	2 24	14 30	1 21	2 51	2 36	20 8	0 45	16 7	1 33	16 37	16 35	23 33	23 32	0 23		n.a.
W31	23s50	22s46	1n 2	20s47	2n46	21s47	1s35	16n15	2n24	14s26	1s21	2n51	2n37	20n 9	0n45	16n 7	1s33	16n37	16n35	23s33	23s32	0s20		n.a.

Julian Day Number = 1272865.5, Delta T = 08h15m29s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'32, Lahiri = -20°54'31 Julian Calendar 1 Dec. 1229 BCE == Greg. Calendar 20 Nov. 1229 BCE

The year -1228 astronomical counting style corresponds to year 1229 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1228 BCE
geocentric

JANUARY 1228 BCE (-1227) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 57 19	0♉42'29	15♉35	7°R55	2♒23	6♉49	25♒53	28♍53	4°R38	18°R25	26♍19	21°R22	20♐59	17♓31	n.a.	T 1
F 2	6 1 16	1°43'14	28°13	6♉57	3°36	6°54	26° 5	28°55	4♌35	18♉23	26°19	21♐21	20°55	17°38	n.a.	F 2
S 3	6 5 12	2°43'57	10♒36	5°53	4°50	7° 0	26°16	28°57	4°33	18°22	26°19	21°20	20°52	17°45	n.a.	S 3
S 4	6 9 9	3°44'38	22°46	4°45	6° 3	7° 6	26°27	28°58	4°31	18°21	26°20	21°18	20°49	17°51	n.a.	S 4
M 5	6 13 6	4°45'17	4♓47	3°36	7°16	7°13	26°38	28°59	4°29	18°20	26°20	21°16	20°46	17°58	n.a.	M 5
T 6	6 17 2	5°45'55	16°41	2°26	8°30	7°21	26°50	29° 1	4°27	18°19	26°20	21°14	20°43	18° 5	n.a.	T 6
W 7	6 20 59	6°46'30	28°33	1°18	9°43	7°29	27° 1	29° 2	4°25	18°18	26°20	21°14	20°40	18°12	n.a.	W 7
T 8	6 24 55	7°47'04	10♈28	0°13	10°56	7°38	27°13	29° 3	4°23	18°17	26°20	21°D13	20°36	18°18	n.a.	T 8
F 9	6 28 52	8°47'35	22°30	29♐13	12° 9	7°47	27°25	29° 4	4°20	18°16	26°R20	21°14	20°33	18°25	n.a.	F 9
S 10	6 32 48	9°48'05	4♉43	28°19	13°22	7°57	27°37	29° 5	4°18	18°15	26°20	21°15	20°30	18°32	n.a.	S 10
S 11	6 36 45	10°48'32	17°13	27°31	14°35	8° 8	27°49	29° 5	4°16	18°14	26°20	21°17	20°27	18°38	n.a.	S 11
M12	6 40 41	11°48'58	0♊ 2	26°50	15°47	8°19	28° 1	29° 6	4°13	18°13	26°20	21°18	20°24	18°45	n.a.	M12
T 13	6 44 38	12°49'22	13°14	26°17	17° 0	8°31	28°13	29° 6	4°11	18°13	26°20	21°19	20°20	18°52	n.a.	T 13
W14	6 48 35	13°49'43	26°49	25°51	18°13	8°43	28°25	29° 7	4° 9	18°12	26°20	21°R19	20°17	18°59	n.a.	W14
T 15	6 52 31	14°50'03	10♋46	25°32	19°25	8°56	28°37	29° 7	4° 6	18°11	26°20	21°18	20°14	19° 5	n.a.	T 15
F 16	6 56 28	15°50'21	25° 1	25°21	20°38	9° 9	28°49	29° 7	4° 4	18°10	26°19	21°16	20°11	19°12	n.a.	F 16
S 17	7 0 24	16°50'37	9♌31	25°D17	21°50	9°23	29° 2	29° 8	4° 1	18° 9	26°19	21°13	20° 8	19°19	n.a.	S 17
S 18	7 4 21	17°50'51	24° 8	25°20	23° 3	9°37	29°14	29°R 8	3°59	18° 9	26°19	21° 9	20° 5	19°26	n.a.	S 18
M19	7 8 17	18°51'03	8♍45	25°29	24°15	9°52	29°27	29° 8	3°56	18° 8	26°18	21° 5	20° 1	19°32	n.a.	M19
T 20	7 12 14	19°51'13	23°17	25°44	25°27	10° 7	29°39	29° 7	3°54	18° 7	26°18	21° 2	19°58	19°39	n.a.	T 20
W21	7 16 10	20°51'22	7♎39	26° 4	26°39	10°23	29°52	29° 7	3°51	18° 7	26°18	21° 0	19°55	19°46	n.a.	W21
T 22	7 20 7	21°51'29	21°47	26°30	27°51	10°39	0♓ 5	29° 7	3°49	18° 6	26°17	20°D59	19°52	19°52	n.a.	T 22
F 23	7 24 4	22°51'35	5♏41	27° 1	29° 3	10°56	0°18	29° 6	3°46	18° 6	26°17	21° 0	19°49	19°59	n.a.	F 23
S 24	7 28 0	23°51'38	19°19	27°36	0♓15	11°13	0°30	29° 6	3°44	18° 5	26°16	21° 1	19°46	20° 6	n.a.	S 24
S 25	7 31 57	24°51'40	2♐42	28°16	1°27	11°30	0°43	29° 5	3°41	18° 5	26°16	21° 3	19°42	20°13	n.a.	S 25
M26	7 35 53	25°51'41	15°52	28°59	2°39	11°48	0°56	29° 4	3°39	18° 4	26°15	21°R 4	19°39	20°19	n.a.	M26
T 27	7 39 50	26°51'39	28°50	29°47	3°51	12° 6	1°10	29° 3	3°36	18° 4	26°15	21° 4	19°36	20°26	n.a.	T 27
W28	7 43 46	27°51'35	11♉36	0♉37	5° 2	12°25	1°23	29° 2	3°33	18° 3	26°14	21° 2	19°33	20°33	n.a.	W28
T 29	7 47 43	28°51'30	24°10	1°31	6°14	12°44	1°36	29° 1	3°31	18° 3	26°13	20°58	19°30	20°40	n.a.	T 29
F 30	7 51 39	29°51'22	6♒34	2°28	7°25	13° 4	1°49	29° 0	3°28	18° 3	26°13	20°52	19°26	20°46	n.a.	F 30
S 31	7 55 36	0♒51'12	18♒49	3♉27	8♓36	13♉23	2♓ 2	28♍59	3♌26	18♉ 3	26♍12	20♐45	19♐23	20♓53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23 s50	20 s46	2n10	20 s35	3n 1	21 s29	1 s34	16n17	2n24	14 s22	1 s21	2n50	2n37	20n 9	0n45	16n 7	1 s33	16n38	16n36	23 s33	23 s32	0 s18			n.a.
F 2	23 50	17 46	3 10	20 25	3 14	21 10	1 33	16 18	2 24	14 18	1 21	2 50	2 37	20 10	0 45	16 7	1 32	16 38	16 36	23 33	23 31	0 15			n.a.
S 3	23 49	14 2	4 0	20 17	3 26	20 51	1 31	16 20	2 24	14 14	1 21	2 50	2 37	20 10	0 45	16 6	1 32	16 38	16 37	23 33	23 31	0 12			n.a.
S 4	23 47	9 47	4 38	20 10	3 35	20 32	1 30	16 22	2 24	14 10	1 20	2 49	2 38	20 11	0 45	16 6	1 32	16 39	16 37	23 33	23 31	0 9			n.a.
M 5	23 45	5 13	5 3	20 6	3 42	20 11	1 29	16 24	2 23	14 6	1 20	2 49	2 38	20 11	0 45	16 6	1 32	16 39	16 38	23 33	23 31	0 7			n.a.
T 6	23 43	0 31	5 15	20 3	3 47	19 50	1 27	16 27	2 23	14 2	1 20	2 49	2 38	20 12	0 45	16 6	1 32	16 40	16 39	23 33	23 31	0 4			n.a.
W 7	23 40	4n12	5 13	20 1	3 49	19 29	1 25	16 29	2 23	13 57	1 20	2 48	2 38	20 12	0 45	16 5	1 32	16 40	16 39	23 33	23 30	0 1			n.a.
T 8	23 36	8 46	4 58	20 1	3 49	19 7	1 24	16 32	2 23	13 53	1 20	2 48	2 39	20 13	0 45	16 5	1 32	16 41	16 40	23 33	23 30	0n 1			n.a.
F 9	23 33	13 4	4 30	20 3	3 47	18 45	1 22	16 35	2 23	13 49	1 19	2 48	2 39	20 14	0 45	16 5	1 32	16 41	16 40	23 33	23 30	0 4			n.a.
S 10	23 28	16 54	3 50	20 7	3 43	18 22	1 20	16 38	2 23	13 45	1 19	2 48	2 39	20 14	0 45	16 5	1 32	16 42	16 41	23 33	23 30	0 7			n.a.
S 11	23 23	20 5	2 57	20 12	3 37	17 59	1 18	16 42	2 22	13 40	1 19	2 48	2 40	20 15	0 45	16 4	1 32	16 42	16 41	23 33	23 29	0 9			n.a.
M12	23 18	22 22	1 55	20 18	3 30	17 35	1 16	16 45	2 22	13 36	1 19	2 48	2 40	20 15	0 45	16 4	1 32	16 43	16 42	23 33	23 29	0 12			n.a.
T 13	23 13	23 30	0 44	20 25	3 22	17 11	1 14	16 49	2 22	13 31	1 19	2 48	2 40	20 16	0 45	16 4	1 32	16 43	16 42	23 33	23 29	0 15			n.a.
W14	23 6	23 18	0 s30	20 34	3 12	16 46	1 12	16 52	2 22	13 27	1 19	2 48	2 40	20 17	0 45	16 4	1 32	16 44	16 43	23 33	23 29	0 17			n.a.
T 15	23 0	21 39	1 45	20 44	3 2	16 21	1 10	16 56	2 21	13 22	1 19	2 48	2 41	20 17	0 45	16 4	1 32	16 44	16 43	23 33	23 28	0 20			n.a.
F 16	22 53	18 37	2 55	20 54	2 51	15 55	1 8	17 1	2 21	13 18	1 18	2 48	2 41	20 18	0 45	16 4	1 32	16 45	16 44	23 33	23 28	0 23			n.a.
S 17	22 45	14 24	3 54	21 6	2 40	15 29	1 5	17 5	2 21	13 13	1 18	2 49	2 41	20 18	0 45	16 3	1 32	16 45	16 44	23 33	23 28	0 25			n.a.
S 18	22 38	9 19	4 39	21 17	2 28	15 3	1 3	17 9	2 20	13 9	1 18	2 49	2 41	20 19	0 45	16 3	1 32	16 46	16 45	23 32	23 28	0 28			n.a.
M19	22 29	3 42	5 6	21 30	2 16	14 36	1 0	17 14	2 20	13 4	1 18	2 49	2 42	20 20	0 45	16 3	1 32	16 47	16 45	23 32	23 27	0 31			n.a.
T 20	22 21	2 s 4	5 13	21 42	2 4	14 9	0 58	17 18	2 20	13 0	1 18	2 49	2 42	20 20	0 45	16 3	1 32	16 47	16 46	23 32	23 27	0 33			n.a.
W21	22 11	7 40	5 0	21 55	1 52	13 42	0 55	17 23	2 19	12 55	1 18	2 50	2 42	20 21	0 45	16 3	1 32	16 48	16 46	23 32	23 27	0 36			n.a.
T 22	22 2	12 46	4 29	22 8	1 40	13 14	0 52	17 28	2 19	12 50	1 18	2 50	2 42	20 21	0 45	16 3	1 31	16 48	16 47	23 32	23 27	0 39			n.a.
F 23	21 52	17 8	3 43	22 21	1 27	12 46	0 49	17 33	2 19	12 45	1 17	2 51	2 43	20 22	0 45	16 3	1 31	16 49	16 47	23 32	23 26	0 41			n.a.
S 24	21 42	20 29	2 45	22 34	1 16	12 18	0 47	17 38	2 18	12 41	1 17	2 51	2 43	20 23	0 45	16 3	1 31	16 50	16 48	23 32	23 26	0 44			n.a.
S 25	21 31	22 40	1 39	22 46	1 4	11 49	0 44	17 43	2 18	12 36	1 17	2 52	2 43	20 23	0 45	16 3	1 31	16 50	16 48	23 32	23 26	0 47			n.a.
M26	21 20	23 33	0 28	22 58	0 52	11 20	0 41	17 49	2 18	12 31	1 17	2 52	2 44	20 24	0 45	16 2	1 31	16 51	16 49	23 32	23 26	0 49			n.a.
T 27	21 8	23 8	0n42	23 9	0 41	10 51	0 38	17 54	2 17	12 26	1 17	2 53	2 44	20 25	0 45	16 2	1 31	16 52	16 49	23 32	23 25	0 52			n.a.
W28	20 56	21 30	1 49	23 20	0 30	10 21	0 35	17 59	2 17	12 21	1 17	2 53	2 44	20 25	0 45	16 2	1 31	16 52	16 50	23 32	23 25	0 55			n.a.
T 29	20 44	18 51	2 50	23 31	0 19	9 52	0 31	18 5	2 17	12 16	1 17	2 54	2 44	20 26	0 46	16 2	1 31	16 53	16 50	23 32	23 25	0 57			n.a.
F 30	20 31	15 22	3 42	23 40	0 9	9 22	0 28	18 11	2 16	12 12	1 17	2 55	2 45	20 26	0 46	16 2	1 31	16 54	16 51	23 31	23 25	1 0			n.a.
S 31	20 s18	11 s17	4n22	23 s49	0 s 1	8 s52	0 s25	18n16	2n16	12 s 7	1 s16	2n55	2n45	20n27	0n46	16n 2	1 s31	16n54	16n51	23 s31	23 s24	1n 3			n.a.

Julian Day Number = 1272896.5, Delta T = 08h15m27s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'27, Lahiri = -20°54'27 Julian Calendar 1 Jan. 1228 BCE == Greg. Calendar 21 Dec. 1229 BCE

The year -1227 astronomical counting style corresponds to year 1228 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1228 BCE
geocentric

FEBRUARY 1228 BCE (-1227) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 59 33	1♒51'00	0♓54	4♉29	9♓47	13♉44	2♓16	28°R58	3°R23	18°R 2	26°R11	20°R37	19♐20	21♓ 0	n.a.	S 1
M 2	8 3 29	2°50'46	12°52	5°34	10°58	14° 4	2°29	28♍56	3♌20	18♉ 2	26♍10	20♐29	19°17	21° 6	n.a.	M 2
T 3	8 7 26	3°50'29	24°46	6°41	12° 9	14°25	2°43	28°54	3°18	18° 2	26° 9	20°22	19°14	21°13	n.a.	T 3
W 4	8 11 22	4°50'10	6♈37	7°50	13°20	14°46	2°56	28°53	3°15	18° 2	26° 9	20°16	19°11	21°20	n.a.	W 4
T 5	8 15 19	5°49'48	18°30	9° 1	14°31	15° 8	3°10	28°51	3°12	18° 2	26° 8	20°13	19° 7	21°27	n.a.	T 5
F 6	8 19 15	6°49'24	0♉29	10°14	15°41	15°30	3°23	28°49	3°10	18° 2	26° 7	20°11	19° 4	21°33	n.a.	F 6
S 7	8 23 12	7°48'58	12°39	11°29	16°52	15°52	3°37	28°47	3° 7	18° 1	26° 6	20°D11	19° 1	21°40	n.a.	S 7
S 8	8 27 8	8°48'29	25° 5	12°46	18° 2	16°14	3°50	28°45	3° 5	18°D 1	26° 5	20°12	18°58	21°47	n.a.	S 8
M 9	8 31 5	9°47'58	7♊51	14° 5	19°13	16°37	4° 4	28°43	3° 2	18° 2	26° 4	20°13	18°55	21°53	n.a.	M 9
T 10	8 35 1	10°47'25	21° 2	15°25	20°23	17° 0	4°18	28°41	2°59	18° 2	26° 3	20°R13	18°52	22° 0	n.a.	T 10
W11	8 38 58	11°46'49	4♋41	16°47	21°33	17°23	4°32	28°39	2°57	18° 2	26° 2	20°12	18°48	22° 7	n.a.	W11
T 12	8 42 55	12°46'10	18°47	18°11	22°42	17°47	4°45	28°36	2°54	18° 2	26° 1	20° 9	18°45	22°14	n.a.	T 12
F 13	8 46 51	13°45'30	3♌18	19°36	23°52	18°11	4°59	28°34	2°52	18° 2	26° 0	20° 4	18°42	22°20	n.a.	F 13
S 14	8 50 48	14°44'47	18° 9	21° 2	25° 2	18°35	5°13	28°31	2°49	18° 2	25°59	19°57	18°39	22°27	n.a.	S 14
S 15	8 54 44	15°44'01	3♍12	22°31	26°11	18°59	5°27	28°29	2°47	18° 2	25°57	19°48	18°36	22°34	n.a.	S 15
M16	8 58 41	16°43'14	18°16	24° 0	27°21	19°24	5°41	28°26	2°44	18° 3	25°56	19°40	18°32	22°41	n.a.	M16
T 17	9 2 37	17°42'25	3♎12	25°31	28°30	19°49	5°55	28°23	2°42	18° 3	25°55	19°32	18°29	22°47	n.a.	T 17
W18	9 6 34	18°41'33	17°52	27° 4	29°39	20°14	6° 9	28°20	2°39	18° 3	25°54	19°26	18°26	22°54	n.a.	W18
T 19	9 10 30	19°40'40	2♏12	28°38	0♈48	20°39	6°23	28°18	2°37	18° 4	25°53	19°23	18°23	23° 1	n.a.	T 19
F 20	9 14 27	20°39'45	16° 8	0♒13	1°56	21° 5	6°37	28°15	2°34	18° 4	25°51	19°D21	18°20	23° 7	n.a.	F 20
S 21	9 18 24	21°38'48	29°42	1°50	3° 5	21°31	6°51	28°11	2°32	18° 4	25°50	19°21	18°17	23°14	n.a.	S 21
S 22	9 22 20	22°37'50	12♐55	3°29	4°13	21°57	7° 5	28° 8	2°29	18° 5	25°49	19°R22	18°13	23°21	n.a.	S 22
M23	9 26 17	23°36'49	25°50	5° 8	5°21	22°23	7°19	28° 5	2°27	18° 5	25°47	19°22	18°10	23°28	n.a.	M23
T 24	9 30 13	24°35'47	8♑31	6°50	6°30	22°49	7°34	28° 2	2°25	18° 6	25°46	19°20	18° 7	23°34	n.a.	T 24
W25	9 34 10	25°34'42	20°59	8°32	7°37	23°16	7°48	27°58	2°22	18° 7	25°45	19°16	18° 4	23°41	n.a.	W25
T 26	9 38 6	26°33'36	3♒18	10°16	8°45	23°43	8° 2	27°55	2°20	18° 7	25°43	19° 9	18° 1	23°48	n.a.	T 26
F 27	9 42 3	27°32'27	15°28	12° 2	9°53	24°10	8°16	27°51	2°18	18° 8	25°42	18°59	17°58	23°55	n.a.	F 27
S 28	9 45 59	28♒31'16	27♒32	13♒49	11♈ 0	24♉37	8♓30	27♍48	2♌15	18♉ 8	25♍40	18♐47	17♐54	24♓ 1	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s 5	6s49	4n51	23s57	0s11	8s22	0s22	18n22	2n15	12s 2	1s16	2n56	2n45	20n28	0n46	16n 2	1s31	16n55	16n52	23s30	23s24	1n 5			n.a.
M 2	19 51	2 8	5 6	24 4	0 21	7 51	0 18	18 28	2 15	11 57	1 16	2 57	2 45	20 28	0 46	16 2	1 31	16 56	16 52	23 30	23 24	1 8			n.a.
T 3	19 37	2n35	5 8	24 10	0 30	7 21	0 15	18 34	2 15	11 52	1 16	2 58	2 46	20 29	0 46	16 2	1 31	16 57	16 52	23 29	23 24	1 11			n.a.
W 4	19 22	7 11	4 56	24 15	0 39	6 50	0 11	18 40	2 14	11 47	1 16	2 59	2 46	20 30	0 46	16 2	1 31	16 57	16 53	23 29	23 23	1 13			n.a.
T 5	19 8	11 33	4 32	24 19	0 47	6 19	0 8	18 46	2 14	11 41	1 16	3 0	2 46	20 30	0 46	16 2	1 31	16 58	16 53	23 28	23 23	1 16			n.a.
F 6	18 53	15 30	3 56	24 21	0 55	5 48	0 4	18 53	2 13	11 36	1 16	3 1	2 46	20 31	0 46	16 2	1 31	16 59	16 54	23 28	23 23	1 19			n.a.
S 7	18 37	18 53	3 8	24 23	1 3	5 17	0 1	18 59	2 13	11 31	1 16	3 2	2 47	20 31	0 46	16 2	1 31	17 0	16 54	23 28	23 23	1 21			n.a.
S 8	18 21	21 29	2 11	24 23	1 10	4 45	0n 3	19 5	2 13	11 26	1 16	3 3	2 47	20 32	0 46	16 2	1 30	17 0	16 55	23 28	23 22	1 24			n.a.
M 9	18 5	23 4	1 6	24 22	1 17	4 14	0 7	19 11	2 12	11 21	1 16	3 4	2 47	20 33	0 46	16 2	1 30	17 1	16 55	23 28	23 22	1 26			n.a.
T 10	17 49	23 27	0s 4	24 19	1 24	3 43	0 11	19 18	2 12	11 16	1 15	3 5	2 47	20 33	0 46	16 3	1 30	17 2	16 55	23 28	23 22	1 29			n.a.
W11	17 32	22 28	1 17	24 15	1 30	3 11	0 14	19 24	2 11	11 11	1 15	3 6	2 47	20 34	0 46	16 3	1 30	17 3	16 56	23 28	23 22	1 32			n.a.
T 12	17 16	20 4	2 27	24 10	1 36	2 40	0 18	19 30	2 11	11 5	1 15	3 7	2 48	20 34	0 46	16 3	1 30	17 3	16 56	23 28	23 21	1 34			n.a.
F 13	16 58	16 21	3 30	24 3	1 41	2 8	0 22	19 37	2 10	11 0	1 15	3 8	2 48	20 35	0 46	16 3	1 30	17 4	16 57	23 28	23 21	1 37			n.a.
S 14	16 41	11 32	4 20	23 55	1 46	1 37	0 26	19 43	2 10	10 55	1 15	3 10	2 48	20 36	0 46	16 3	1 30	17 5	16 57	23 27	23 21	1 40			n.a.
S 15	16 23	5 58	4 52	23 45	1 51	1 5	0 30	19 50	2 10	10 50	1 15	3 11	2 48	20 36	0 46	16 3	1 30	17 6	16 57	23 26	23 20	1 42			n.a.
M16	16 5	0 3	5 5	23 33	1 55	0 33	0 34	19 56	2 9	10 44	1 15	3 12	2 49	20 37	0 46	16 3	1 30	17 7	16 58	23 26	23 20	1 45			n.a.
T 17	15 47	5s49	4 56	23 20	1 59	0 2	0 38	20 3	2 9	10 39	1 15	3 13	2 49	20 37	0 46	16 3	1 30	17 7	16 58	23 25	23 20	1 47			n.a.
W18	15 28	11 15	4 28	23 6	2 2	0n30	0 42	20 9	2 8	10 34	1 15	3 15	2 49	20 38	0 46	16 4	1 30	17 8	16 58	23 25	23 20	1 50			n.a.
T 19	15 10	15 56	3 44	22 49	2 5	1 1	0 46	20 16	2 8	10 28	1 15	3 16	2 49	20 39	0 46	16 4	1 30	17 9	16 59	23 24	23 19	1 53			n.a.
F 20	14 51	19 37	2 48	22 31	2 8	1 33	0 50	20 22	2 7	10 23	1 15	3 17	2 49	20 39	0 46	16 4	1 30	17 10	16 59	23 24	23 19	1 55			n.a.
S 21	14 31	22 6	1 43	22 11	2 10	2 4	0 54	20 29	2 7	10 18	1 15	3 19	2 50	20 40	0 45	16 4	1 30	17 11	16 59	23 24	23 19	1 58			n.a.
S 22	14 12	23 18	0 34	21 49	2 11	2 35	0 58	20 36	2 7	10 12	1 15	3 20	2 50	20 40	0 45	16 4	1 30	17 11	17 0	23 24	23 18	2 1			n.a.
M23	13 52	23 12	0n34	21 26	2 12	3 7	1 2	20 42	2 6	10 7	1 15	3 22	2 50	20 41	0 45	16 4	1 30	17 12	17 0	23 24	23 18	2 3			n.a.
T 24	13 33	21 54	1 40	21 1	2 13	3 38	1 6	20 49	2 6	10 1	1 14	3 23	2 50	20 41	0 45	16 5	1 29	17 13	17 0	23 24	23 18	2 6			n.a.
W25	13 12	19 32	2 40	20 34	2 13	4 9	1 10	20 55	2 5	9 56	1 14	3 25	2 50	20 42	0 45	16 5	1 29	17 14	17 0	23 24	23 18	2 8			n.a.
T 26	12 52	16 20	3 31	20 5	2 12	4 40	1 15	21 2	2 5	9 51	1 14	3 26	2 50	20 42	0 45	16 5	1 29	17 15	17 1	23 23	23 17	2 11			n.a.
F 27	12 32	12 28	4 12	19 34	2 11	5 11	1 19	21 8	2 4	9 45	1 14	3 28	2 51	20 43	0 45	16 5	1 29	17 15	17 1	23 22	23 17	2 14			n.a.
S 28	12s11	8s 8	4n41	19s 2	2s10	5n41	1n23	21n15	2n 4	9s40	1s14	3n30	2n51	20n43	0n45	16n 6	1s29	17n16	17n 1	23s21	23s17	2n16			n.a.

Julian Day Number = 1272927.5, Delta T = 08h15m25s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'23, Lahiri = -20°54'23 Julian Calendar 1 Feb. 1228 BCE == Greg. Calendar 21 Jan. 1228 BCE

The year -1227 astronomical counting style corresponds to year 1228 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1228 BCE
geocentric

MARCH 1228 BCE (-1227) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 49 56	29♒30'03	9♓31	15♒37	12♈ 7	25♉ 5	8♓45	27°R44	2°R13	18♉ 9	25°R39	18°R34	17♐51	24♓ 8	n.a.	S 1
M 2	9 53 52	0♓28'48	21°25	17°27	13°14	25°32	8°59	27♍41	2♌11	18°10	25♍37	18♐21	17°48	24°15	n.a.	M 2
T 3	9 57 49	1°27'31	3♈17	19°19	14°21	26° 0	9°13	27°37	2° 9	18°11	25°36	18° 9	17°45	24°21	n.a.	T 3
W 4	10 1 46	2°26'11	15° 8	21°12	15°28	26°28	9°28	27°33	2° 7	18°11	25°34	17°58	17°42	24°28	n.a.	W 4
T 5	10 5 42	3°24'50	27° 1	23° 6	16°34	26°56	9°42	27°29	2° 4	18°12	25°33	17°50	17°38	24°35	n.a.	T 5
F 6	10 9 39	4°23'25	8♉59	25° 2	17°41	27°25	9°56	27°25	2° 2	18°13	25°31	17°45	17°35	24°42	n.a.	F 6
S 7	10 13 35	5°21'59	21° 7	27° 0	18°47	27°53	10°10	27°21	2° 0	18°14	25°30	17°43	17°32	24°48	n.a.	S 7
S 8	10 17 32	6°20'31	3♊30	28°59	19°52	28°22	10°25	27°17	1°58	18°15	25°28	17°D42	17°29	24°55	n.a.	S 8
M 9	10 21 28	7°19'00	16°11	0♓59	20°58	28°51	10°39	27°13	1°56	18°16	25°27	17°R42	17°26	25° 2	n.a.	M 9
T 10	10 25 25	8°17'26	29°17	3° 0	22° 3	29°20	10°53	27° 9	1°54	18°17	25°25	17°42	17°23	25° 8	n.a.	T 10
W11	10 29 21	9°15'51	12♋51	5° 3	23° 8	29°49	11° 8	27° 5	1°52	18°18	25°23	17°40	17°19	25°15	n.a.	W11
T 12	10 33 18	10°14'13	26°54	7° 8	24°13	0♊18	11°22	27° 1	1°50	18°19	25°22	17°36	17°16	25°22	n.a.	T 12
F 13	10 37 14	11°12'33	11♌26	9°13	25°18	0°48	11°36	26°57	1°49	18°20	25°20	17°29	17°13	25°29	n.a.	F 13
S 14	10 41 11	12°10'51	26°23	11°19	26°22	1°17	11°51	26°53	1°47	18°21	25°19	17°20	17°10	25°35	n.a.	S 14
S 15	10 45 8	13° 9'07	11♍36	13°26	27°26	1°47	12° 5	26°48	1°45	18°22	25°17	17° 9	17° 7	25°42	n.a.	S 15
M16	10 49 4	14° 7'20	26°56	15°34	28°30	2°17	12°19	26°44	1°43	18°23	25°15	16°58	17° 4	25°49	n.a.	M16
T 17	10 53 1	15° 5'32	12♎ 9	17°42	29°34	2°47	12°33	26°40	1°42	18°24	25°14	16°48	17° 0	25°56	n.a.	T 17
W18	10 56 57	16° 3'42	27° 7	19°50	0♉37	3°17	12°48	26°35	1°40	18°26	25°12	16°40	16°57	26° 2	n.a.	W18
T 19	11 0 54	17° 1'51	11♏41	21°58	1°40	3°47	13° 2	26°31	1°38	18°27	25°10	16°35	16°54	26° 9	n.a.	T 19
F 20	11 4 50	17°59'58	25°49	24° 6	2°42	4°18	13°16	26°27	1°37	18°28	25° 9	16°32	16°51	26°16	n.a.	F 20
S 21	11 8 47	18°58'03	9♐28	26°14	3°45	4°48	13°31	26°22	1°35	18°29	25° 7	16°31	16°48	26°22	n.a.	S 21
S 22	11 12 43	19°56'07	22°42	28°20	4°47	5°19	13°45	26°18	1°34	18°31	25° 5	16°31	16°44	26°29	n.a.	S 22
M23	11 16 40	20°54'10	5♑33	0♈25	5°48	5°50	13°59	26°13	1°32	18°32	25° 4	16°31	16°41	26°36	n.a.	M23
T 24	11 20 37	21°52'11	18° 7	2°29	6°50	6°21	14°13	26° 9	1°31	18°33	25° 2	16°29	16°38	26°43	n.a.	T 24
W25	11 24 33	22°50'10	0♒26	4°30	7°51	6°52	14°28	26° 5	1°30	18°35	25° 0	16°24	16°35	26°49	n.a.	W25
T 26	11 28 30	23°48'08	12°34	6°30	8°52	7°23	14°42	26° 0	1°28	18°36	24°59	16°17	16°32	26°56	n.a.	T 26
F 27	11 32 26	24°46'04	24°36	8°27	9°52	7°54	14°56	25°56	1°27	18°38	24°57	16° 7	16°29	27° 3	n.a.	F 27
S 28	11 36 23	25°43'59	6♓32	10°22	10°52	8°26	15°10	25°51	1°26	18°39	24°55	15°55	16°25	27° 9	n.a.	S 28
S 29	11 40 19	26°41'52	18°25	12°14	11°52	8°57	15°24	25°47	1°25	18°41	24°53	15°41	16°22	27°16	n.a.	S 29
M30	11 44 16	27°39'43	0♈17	14° 3	12°51	9°29	15°39	25°42	1°24	18°42	24°52	15°27	16°19	27°23	n.a.	M30
T 31	11 48 12	28♓37'33	12♈ 9	15♈49	13♉50	10♊ 0	15♓53	25♍38	1♌23	18♉44	24♍50	15♐15	16♐16	27♓30	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11s50	3s33	4n57	18s27	2s 8	6n12	1n27	21n21	2n 4	9s34	1s14	3n31	2n51	20n44	0n45	16n 6	1s29	17n17	17n 1	23s20	23s16	2n19			n.a.
M 2	11 29	1n 8	5 0	17 51	2 5	6 42	1 31	21 27	2 3	9 29	1 14	3 33	2 51	20 44	0 45	16 6	1 29	17 18	17 2	23 19	23 16	2 21			n.a.
T 3	11 8	5 45	4 51	17 13	2 2	7 13	1 35	21 34	2 3	9 23	1 14	3 34	2 51	20 45	0 45	16 6	1 29	17 19	17 2	23 18	23 16	2 24			n.a.
W 4	10 47	10 10	4 28	16 33	1 59	7 43	1 39	21 40	2 2	9 18	1 14	3 36	2 51	20 45	0 45	16 7	1 29	17 19	17 2	23 17	23 16	2 27			n.a.
T 5	10 25	14 13	3 54	15 51	1 55	8 12	1 43	21 46	2 2	9 12	1 14	3 38	2 51	20 46	0 45	16 7	1 29	17 20	17 2	23 16	23 15	2 29			n.a.
F 6	10 4	17 43	3 10	15 7	1 50	8 42	1 47	21 53	2 1	9 7	1 14	3 39	2 52	20 46	0 45	16 7	1 29	17 21	17 2	23 16	23 15	2 32			n.a.
S 7	9 42	20 31	2 16	14 21	1 45	9 11	1 52	21 59	2 1	9 1	1 14	3 41	2 52	20 47	0 45	16 7	1 29	17 22	17 3	23 16	23 15	2 34			n.a.
S 8	9 20	22 25	1 14	13 34	1 39	9 41	1 56	22 5	2 0	8 56	1 14	3 43	2 52	20 47	0 45	16 8	1 29	17 23	17 3	23 16	23 14	2 37			n.a.
M 9	8 58	23 15	0 8	12 45	1 33	10 9	2 0	22 11	2 0	8 50	1 14	3 45	2 52	20 48	0 45	16 8	1 29	17 23	17 3	23 16	23 14	2 40			n.a.
T 10	8 36	22 49	1s 1	11 54	1 26	10 38	2 4	22 17	2 0	8 45	1 14	3 46	2 52	20 48	0 45	16 8	1 29	17 24	17 3	23 16	23 14	2 42			n.a.
W11	8 14	21 4	2 9	11 2	1 19	11 7	2 8	22 23	1 59	8 39	1 14	3 48	2 52	20 49	0 45	16 9	1 29	17 25	17 3	23 15	23 13	2 45			n.a.
T 12	7 51	18 0	3 11	10 8	1 11	11 35	2 12	22 29	1 59	8 33	1 14	3 50	2 52	20 49	0 45	16 9	1 29	17 26	17 3	23 15	23 13	2 47			n.a.
F 13	7 29	13 44	4 3	9 12	1 2	12 2	2 15	22 35	1 58	8 28	1 14	3 52	2 52	20 49	0 45	16 9	1 29	17 26	17 4	23 14	23 13	2 50			n.a.
S 14	7 6	8 32	4 41	8 16	0 54	12 30	2 19	22 41	1 58	8 22	1 14	3 53	2 52	20 50	0 45	16 10	1 28	17 27	17 4	23 13	23 13	2 53			n.a.
S 15	6 44	2 44	4 59	7 18	0 44	12 57	2 23	22 47	1 57	8 17	1 14	3 55	2 52	20 50	0 45	16 10	1 28	17 28	17 4	23 12	23 12	2 55			n.a.
M16	6 21	3s16	4 56	6 19	0 35	13 24	2 27	22 52	1 57	8 11	1 14	3 57	2 53	20 50	0 45	16 11	1 28	17 29	17 4	23 11	23 12	2 58			n.a.
T 17	5 58	9 2	4 32	5 19	0 24	13 51	2 31	22 58	1 56	8 6	1 14	3 59	2 53	20 51	0 45	16 11	1 28	17 29	17 4	23 10	23 12	3 0			n.a.
W18	5 35	14 10	3 49	4 18	0 14	14 17	2 35	23 4	1 56	8 0	1 14	4 1	2 53	20 51	0 45	16 11	1 28	17 30	17 4	23 10	23 11	3 3			n.a.
T 19	5 12	18 20	2 53	3 17	0 4	14 43	2 38	23 9	1 56	7 54	1 14	4 2	2 53	20 52	0 45	16 12	1 28	17 31	17 4	23 9	23 11	3 6			n.a.
F 20	4 49	21 16	1 47	2 16	0n 7	15 8	2 42	23 15	1 55	7 49	1 14	4 4	2 53	20 52	0 45	16 12	1 28	17 32	17 4	23 9	23 11	3 8			n.a.
S 21	4 26	22 51	0 37	1 15	0 18	15 34	2 45	23 20	1 55	7 43	1 14	4 6	2 53	20 52	0 45	16 13	1 28	17 32	17 4	23 9	23 10	3 11			n.a.
S 22	4 3	23 6	0n33	0 14	0 29	15 58	2 49	23 25	1 54	7 38	1 14	4 8	2 53	20 52	0 45	16 13	1 28	17 33	17 4	23 9	23 10	3 13			n.a.
M23	3 40	22 5	1 39	0n47	0 40	16 23	2 52	23 30	1 54	7 32	1 14	4 10	2 53	20 53	0 45	16 13	1 28	17 34	17 4	23 9	23 10	3 16			n.a.
T 24	3 17	19 58	2 39	1 47	0 51	16 47	2 56	23 35	1 53	7 27	1 14	4 12	2 53	20 53	0 45	16 14	1 28	17 34	17 4	23 8	23 9	3 18			n.a.
W25	2 53	16 59	3 30	2 46	1 2	17 10	2 59	23 40	1 53	7 21	1 14	4 13	2 53	20 53	0 45	16 14	1 28	17 35	17 4	23 8	23 9	3 21			n.a.
T 26	2 30	13 19	4 10	3 43	1 12	17 34	3 2	23 45	1 52	7 15	1 14	4 15	2 53	20 54	0 45	16 15	1 28	17 36	17 4	23 7	23 9	3 23			n.a.
F 27	2 7	9 9	4 39	4 40	1 22	17 56	3 5	23 50	1 52	7 10	1 14	4 17	2 53	20 54	0 45	16 15	1 28	17 37	17 4	23 6	23 8	3 26			n.a.
S 28	1 43	4 41	4 56	5 34	1 32	18 19	3 8	23 55	1 52	7 4	1 14	4 19	2 53	20 54	0 45	16 16	1 28	17 37	17 4	23 5	23 8	3 29			n.a.
S 29	1 20	0 4	5 0	6 27	1 41	18 40	3 11	23 59	1 51	6 59	1 14	4 21	2 53	20 54	0 45	16 16	1 28	17 38	17 4	23 3	23 8	3 31			n.a.
M30	0 57	4n32	4 50	7 18	1 49	19 2	3 14	24 4	1 51	6 53	1 14	4 22	2 53	20 55	0 45	16 17	1 28	17 38	17 4	23 2	23 7	3 34			n.a.
T 31	0s33	8n59	4n28	8n 8	1n58	19n23	3n17	24n 8	1n50	6s48	1s14	4n24	2n53	20n55	0n45	16n17	1s28	17n39	17n 4	23s 0	23s 7	3n36			n.a.

Julian Day Number = 1272955.5, Delta T = 08h15m24s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'19, Lahiri = -20°54'19 Julian Calendar 1 March 1228 BCE == Greg. Calendar 18 Feb. 1228 BCE

The year -1227 astronomical counting style corresponds to year 1228 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1228 BCE
geocentric

APRIL 1228 BCE (-1227) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 52 9	29♓35'21	24♈ 2	17♈31	14♉48	10♊32	16♓ 7	25°R33	1°R22	18♉45	24°R48	15°R 4	16♐13	27♓36	n.a.	W 1
T 2	11 56 5	0♈33'07	5♉59	19°11	15°46	11° 4	16°21	25♍29	1♌21	18°47	24♍47	14♐55	16° 9	27°43	n.a.	T 2
F 3	12 0 2	1°30'52	18° 1	20°46	16°43	11°36	16°35	25°24	1°20	18°49	24°45	14°50	16° 6	27°50	n.a.	F 3
S 4	12 3 59	2°28'35	0♊12	22°18	17°40	12° 8	16°49	25°20	1°19	18°50	24°43	14°47	16° 3	27°57	n.a.	S 4
S 5	12 7 55	3°26'16	12°36	23°47	18°37	12°41	17° 3	25°16	1°18	18°52	24°42	14°D46	16° 0	28° 3	n.a.	S 5
M 6	12 11 52	4°23'56	25°17	25°12	19°33	13°13	17°17	25°11	1°17	18°54	24°40	14°46	15°57	28°10	n.a.	M 6
T 7	12 15 48	5°21'34	8♋19	26°33	20°29	13°45	17°31	25° 7	1°17	18°55	24°38	14°R46	15°54	28°17	n.a.	T 7
W 8	12 19 45	6°19'10	21°46	27°51	21°24	14°18	17°45	25° 2	1°16	18°57	24°37	14°45	15°50	28°23	n.a.	W 8
T 9	12 23 41	7°16'44	5♌41	29° 4	22°18	14°51	17°59	24°58	1°15	18°59	24°35	14°42	15°47	28°30	n.a.	T 9
F 10	12 27 38	8°14'17	20° 4	0♉14	23°12	15°23	18°12	24°54	1°15	19° 1	24°33	14°37	15°44	28°37	n.a.	F 10
S 11	12 31 34	9°11'48	4♍52	1°20	24° 5	15°56	18°26	24°50	1°14	19° 2	24°32	14°30	15°41	28°44	n.a.	S 11
S 12	12 35 31	10° 9'18	19°59	2°21	24°58	16°29	18°40	24°45	1°14	19° 4	24°30	14°21	15°38	28°50	n.a.	S 12
M13	12 39 28	11° 6'46	5♎17	3°19	25°50	17° 2	18°54	24°41	1°14	19° 6	24°29	14°12	15°35	28°57	n.a.	M13
T 14	12 43 24	12° 4'13	20°33	4°12	26°41	17°35	19° 7	24°37	1°13	19° 8	24°27	14° 3	15°31	29° 4	n.a.	T 14
W15	12 47 21	13° 1'38	5♏37	5° 2	27°32	18° 8	19°21	24°33	1°13	19°10	24°25	13°57	15°28	29°10	n.a.	W15
T 16	12 51 17	13°59'03	20°20	5°47	28°22	18°41	19°35	24°29	1°13	19°12	24°24	13°52	15°25	29°17	n.a.	T 16
F 17	12 55 14	14°56'27	4♐37	6°27	29°11	19°15	19°48	24°25	1°12	19°13	24°22	13°50	15°22	29°24	n.a.	F 17
S 18	12 59 10	15°53'50	18°25	7° 4	29°59	19°48	20° 2	24°21	1°12	19°15	24°21	13°D50	15°19	29°31	n.a.	S 18
S 19	13 3 7	16°51'12	1♑45	7°35	0♊48	20°22	20°15	24°17	1°12	19°17	24°19	13°50	15°15	29°37	n.a.	S 19
M20	13 7 3	17°48'33	14°40	8° 3	1°35	20°55	20°29	24°13	1°D12	19°19	24°18	13°R51	15°12	29°44	n.a.	M20
T 21	13 11 0	18°45'53	27°14	8°25	2°21	21°29	20°42	24° 9	1°12	19°21	24°16	13°51	15° 9	29°51	n.a.	T 21
W22	13 14 57	19°43'13	9♒32	8°43	3° 6	22° 3	20°56	24° 5	1°12	19°23	24°15	13°49	15° 6	29°57	n.a.	W22
T 23	13 18 53	20°40'32	21°37	8°57	3°50	22°36	21° 9	24° 1	1°12	19°25	24°13	13°45	15° 3	0♈ 4	n.a.	T 23
F 24	13 22 50	21°37'50	3♓34	9° 6	4°34	23°10	21°22	23°58	1°13	19°27	24°12	13°38	15° 0	0°11	n.a.	F 24
S 25	13 26 46	22°35'07	15°27	9°R10	5°16	23°44	21°35	23°54	1°13	19°29	24°10	13°30	14°56	0°18	n.a.	S 25
S 26	13 30 43	23°32'24	27°18	9° 9	5°58	24°18	21°49	23°50	1°13	19°31	24° 9	13°21	14°53	0°24	n.a.	S 26
M27	13 34 39	24°29'40	9♈10	9° 4	6°38	24°52	22° 2	23°47	1°14	19°33	24° 7	13°12	14°50	0°31	n.a.	M27
T 28	13 38 36	25°26'55	21° 5	8°55	7°18	25°27	22°15	23°43	1°14	19°35	24° 6	13° 3	14°47	0°38	n.a.	T 28
W29	13 42 32	26°24'09	3♉ 4	8°42	7°56	26° 1	22°28	23°40	1°14	19°37	24° 5	12°56	14°44	0°45	n.a.	W29
T 30	13 46 29	27♈21'22	15♉ 8	8♉25	8♊33	26♊35	22♓41	23♍37	1♌15	19♉40	24♍ 3	12♐50	14♐40	0♈51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s10	13n 6	3n54	8n55	2n 5	19n43	3n20	24n13	1n50	6s42	1s14	4n26	2n53	20n55	0n45	16n17	1s28	17n40	17n 4	22s59	23s 7	3n39		n.a.
T 2	0n13	16 43	3 10	9 39	2 12	20 3	3 22	24 17	1 49	6 37	1 14	4 28	2 53	20 55	0 45	16 18	1 27	17 40	17 4	22 58	23 6	3 41		n.a.
F 3	0 37	19 40	2 17	10 22	2 18	20 23	3 25	24 21	1 49	6 31	1 14	4 30	2 53	20 55	0 45	16 18	1 27	17 41	17 4	22 58	23 6	3 44		n.a.
S 4	1 0	21 47	1 17	11 2	2 24	20 42	3 27	24 25	1 48	6 26	1 14	4 31	2 53	20 55	0 45	16 19	1 27	17 41	17 4	22 57	23 6	3 46		n.a.
S 5	1 23	22 53	0 11	11 40	2 28	21 0	3 30	24 29	1 48	6 20	1 14	4 33	2 53	20 56	0 45	16 19	1 27	17 42	17 4	22 57	23 5	3 49		n.a.
M 6	1 47	22 50	0s56	12 16	2 32	21 18	3 32	24 33	1 48	6 15	1 14	4 35	2 53	20 56	0 44	16 20	1 27	17 43	17 3	22 57	23 5	3 52		n.a.
T 7	2 10	21 33	2 2	12 49	2 35	21 36	3 34	24 36	1 47	6 9	1 14	4 36	2 53	20 56	0 44	16 20	1 27	17 43	17 3	22 57	23 5	3 54		n.a.
W 8	2 33	19 2	3 3	13 19	2 37	21 53	3 36	24 40	1 47	6 4	1 14	4 38	2 53	20 56	0 44	16 21	1 27	17 44	17 3	22 57	23 4	3 57		n.a.
T 9	2 56	15 21	3 56	13 48	2 39	22 9	3 38	24 43	1 46	5 58	1 14	4 40	2 53	20 56	0 44	16 22	1 27	17 44	17 3	22 57	23 4	3 59		n.a.
F 10	3 19	10 41	4 36	14 13	2 39	22 25	3 39	24 47	1 46	5 53	1 14	4 42	2 53	20 56	0 44	16 22	1 27	17 45	17 3	22 56	23 4	4 2		n.a.
S 11	3 42	5 15	4 59	14 36	2 39	22 40	3 41	24 50	1 45	5 47	1 15	4 43	2 53	20 56	0 44	16 23	1 27	17 45	17 3	22 55	23 3	4 4		n.a.
S 12	4 5	0s35	5 2	14 57	2 38	22 55	3 42	24 53	1 45	5 42	1 15	4 45	2 52	20 56	0 44	16 23	1 27	17 46	17 2	22 54	23 3	4 7		n.a.
M13	4 28	6 27	4 43	15 15	2 36	23 9	3 44	24 56	1 44	5 36	1 15	4 46	2 52	20 56	0 44	16 24	1 27	17 46	17 2	22 53	23 3	4 9		n.a.
T 14	4 51	11 55	4 4	15 31	2 33	23 23	3 45	24 58	1 44	5 31	1 15	4 48	2 52	20 56	0 44	16 24	1 27	17 47	17 2	22 52	23 2	4 12		n.a.
W15	5 14	16 35	3 9	15 45	2 29	23 36	3 46	25 1	1 44	5 26	1 15	4 50	2 52	20 56	0 44	16 25	1 27	17 47	17 2	22 51	23 2	4 14		n.a.
T 16	5 36	20 5	2 2	15 55	2 24	23 48	3 47	25 4	1 43	5 20	1 15	4 51	2 52	20 56	0 44	16 25	1 27	17 48	17 2	22 51	23 2	4 17		n.a.
F 17	5 59	22 13	0 49	16 4	2 18	24 0	3 47	25 6	1 43	5 15	1 15	4 53	2 52	20 56	0 44	16 26	1 27	17 48	17 1	22 51	23 1	4 19		n.a.
S 18	6 21	22 55	0n25	16 9	2 11	24 12	3 48	25 8	1 42	5 9	1 15	4 54	2 52	20 56	0 44	16 26	1 27	17 48	17 1	22 51	23 1	4 22		n.a.
S 19	6 44	22 15	1 34	16 13	2 3	24 22	3 48	25 10	1 42	5 4	1 15	4 56	2 52	20 56	0 44	16 27	1 27	17 49	17 1	22 51	23 1	4 24		n.a.
M20	7 6	20 25	2 37	16 13	1 54	24 32	3 48	25 12	1 41	4 59	1 15	4 57	2 52	20 56	0 44	16 28	1 27	17 49	17 1	22 51	23 0	4 27		n.a.
T 21	7 28	17 37	3 31	16 12	1 45	24 42	3 48	25 14	1 41	4 53	1 15	4 59	2 52	20 56	0 44	16 28	1 27	17 49	17 0	22 51	23 0	4 29		n.a.
W22	7 50	14 6	4 13	16 8	1 34	24 51	3 48	25 16	1 40	4 48	1 15	5 0	2 51	20 56	0 44	16 29	1 27	17 50	17 0	22 50	22 59	4 32		n.a.
T 23	8 12	10 4	4 44	16 1	1 23	24 59	3 47	25 18	1 40	4 43	1 15	5 1	2 51	20 56	0 44	16 29	1 27	17 50	17 0	22 50	22 59	4 34		n.a.
F 24	8 34	5 41	5 1	15 52	1 10	25 7	3 47	25 19	1 40	4 38	1 15	5 3	2 51	20 56	0 44	16 30	1 27	17 50	16 59	22 49	22 59	4 37		n.a.
S 25	8 56	1 8	5 6	15 41	0 57	25 14	3 46	25 20	1 39	4 32	1 15	5 4	2 51	20 56	0 44	16 30	1 27	17 51	16 59	22 48	22 58	4 39		n.a.
S 26	9 17	3n27	4 57	15 28	0 43	25 21	3 45	25 21	1 39	4 27	1 16	5 6	2 51	20 56	0 44	16 31	1 27	17 51	16 59	22 47	22 58	4 42		n.a.
M27	9 39	7 54	4 36	15 12	0 28	25 27	3 43	25 22	1 38	4 22	1 16	5 7	2 51	20 56	0 44	16 32	1 27	17 51	16 59	22 46	22 58	4 44		n.a.
T 28	10 0	12 5	4 2	14 55	0 13	25 32	3 42	25 23	1 38	4 17	1 16	5 8	2 50	20 56	0 44	16 32	1 27	17 52	16 58	22 45	22 57	4 47		n.a.
W29	10 21	15 49	3 17	14 36	0s 3	25 37	3 40	25 24	1 37	4 12	1 16	5 9	2 50	20 56	0 44	16 33	1 26	17 52	16 58	22 44	22 57	4 49		n.a.
T 30	10n42	18n56	2n24	14n15	0s19	25n41	3n38	25n24	1n37	4s 7	1s16	5n10	2n50	20n55	0n44	16n33	1s26	17n52	16n57	22s43	22s57	4n52		n.a.

Julian Day Number = 1272986.5, Delta T = 08h15m22s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'15, Lahiri = -20°54'15 Julian Calendar 1 Apr. 1228 BCE == Greg. Calendar 21 March 1228 BCE

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ASTRODIENST EPHEMERIS for the year 1228 BCE
geocentric

MAY 1228 BCE (-1227) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 50 26	28♈18'35	27♉20	8°R 4	9♊ 9	27♊10	22♓54	23°R33	1♌16	19♉42	24°R 2	12°R47	14♐37	0♈58	n.a.	F 1
S 2	13 54 22	29°15'47	9♊41	7♉40	9°44	27°44	23° 6	23♍30	1°16	19°44	24♍ 1	12°D46	14°34	1° 5	n.a.	S 2
S 3	13 58 19	0♉12'58	22°15	7°13	10°17	28°19	23°19	23°27	1°17	19°46	23°59	12♐46	14°31	1°11	n.a.	S 3
M 4	14 2 15	1°10'09	5♋ 3	6°43	10°49	28°53	23°32	23°24	1°18	19°48	23°58	12°47	14°28	1°18	n.a.	M 4
T 5	14 6 12	2° 7'18	18° 8	6°12	11°20	29°28	23°45	23°21	1°18	19°50	23°57	12°49	14°25	1°25	n.a.	T 5
W 6	14 10 8	3° 4'26	1♌34	5°39	11°49	0♋ 3	23°57	23°18	1°19	19°52	23°56	12°R49	14°21	1°32	n.a.	W 6
T 7	14 14 5	4° 1'34	15°23	5° 6	12°16	0°38	24°10	23°15	1°20	19°54	23°55	12°49	14°18	1°38	n.a.	T 7
F 8	14 18 1	4°58'41	29°34	4°32	12°42	1°13	24°22	23°12	1°21	19°57	23°53	12°47	14°15	1°45	n.a.	F 8
S 9	14 21 58	5°55'47	14♍ 7	3°58	13° 7	1°48	24°35	23°10	1°22	19°59	23°52	12°43	14°12	1°52	n.a.	S 9
S 10	14 25 55	6°52'52	28°57	3°25	13°29	2°23	24°47	23° 7	1°23	20° 1	23°51	12°39	14° 9	1°58	n.a.	S 10
M11	14 29 51	7°49'57	13♎58	2°54	13°50	2°58	24°59	23° 4	1°24	20° 3	23°50	12°34	14° 6	2° 5	n.a.	M11
T 12	14 33 48	8°47'01	29° 0	2°24	14° 9	3°33	25°11	23° 2	1°25	20° 5	23°49	12°29	14° 2	2°12	n.a.	T 12
W13	14 37 44	9°44'05	13♏54	1°57	14°27	4° 8	25°23	23° 0	1°26	20° 8	23°48	12°25	13°59	2°19	n.a.	W13
T 14	14 41 41	10°41'09	28°33	1°33	14°42	4°43	25°35	22°57	1°28	20°10	23°47	12°23	13°56	2°25	n.a.	T 14
F 15	14 45 37	11°38'12	12♐51	1°12	14°55	5°19	25°47	22°55	1°29	20°12	23°46	12°D23	13°53	2°32	n.a.	F 15
S 16	14 49 34	12°35'16	26°42	0°55	15° 6	5°54	25°59	22°53	1°30	20°14	23°45	12°23	13°50	2°39	n.a.	S 16
S 17	14 53 31	13°32'19	10♑ 7	0°42	15°15	6°30	26°11	22°51	1°32	20°16	23°44	12°25	13°46	2°45	n.a.	S 17
M18	14 57 27	14°29'23	23° 8	0°34	15°22	7° 5	26°23	22°49	1°33	20°19	23°43	12°26	13°43	2°52	n.a.	M18
T 19	15 1 24	15°26'26	5♒46	0°D29	15°27	7°41	26°34	22°47	1°35	20°21	23°42	12°27	13°40	2°59	n.a.	T 19
W20	15 5 20	16°23'30	18° 6	0°30	15°30	8°16	26°46	22°45	1°36	20°23	23°41	12°R28	13°37	3° 6	n.a.	W20
T 21	15 9 17	17°20'34	0♓13	0°35	15°R30	8°52	26°57	22°44	1°38	20°25	23°41	12°27	13°34	3°12	n.a.	T 21
F 22	15 13 13	18°17'38	12°10	0°45	15°28	9°28	27° 9	22°42	1°39	20°28	23°40	12°25	13°31	3°19	n.a.	F 22
S 23	15 17 10	19°14'43	24° 3	1° 0	15°24	10° 4	27°20	22°40	1°41	20°30	23°39	12°23	13°27	3°26	n.a.	S 23
S 24	15 21 6	20°11'47	5♈54	1°19	15°17	10°40	27°31	22°39	1°43	20°32	23°38	12°19	13°24	3°32	n.a.	S 24
M25	15 25 3	21° 8'52	17°48	1°44	15° 8	11°16	27°42	22°38	1°45	20°34	23°38	12°16	13°21	3°39	n.a.	M25
T 26	15 29 0	22° 5'57	29°47	2°14	14°56	11°52	27°53	22°36	1°46	20°36	23°37	12°13	13°18	3°46	n.a.	T 26
W27	15 32 56	23° 3'03	11♉54	2°48	14°43	12°28	28° 4	22°35	1°48	20°39	23°36	12°10	13°15	3°53	n.a.	W27
T 28	15 36 53	24° 0'08	24°10	3°28	14°27	13° 4	28°15	22°34	1°50	20°41	23°36	12° 8	13°12	3°59	n.a.	T 28
F 29	15 40 49	24°57'14	6♊36	4°12	14° 8	13°40	28°26	22°33	1°52	20°43	23°35	12°D 7	13° 8	4° 6	n.a.	F 29
S 30	15 44 46	25°54'21	19°14	5° 0	13°47	14°17	28°36	22°32	1°54	20°45	23°35	12° 7	13° 5	4°13	n.a.	S 30
S 31	15 48 42	26♉51'27	2♋ 4	5♉54	13♊25	14♋53	28♓47	22♍32	1♌56	20♉48	23♍34	12♐ 8	13♐ 2	4♈19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n 3	21n14	1n23	13n52	0s36	25n44	3n35	25n25	1n36	4s 2	1s16	5n12	2n50	20n55	0n44	16n34	1s26	17n52	16n57	22s43	22s56	4n54		n.a.
S 2	11 24	22 33	0 17	13 28	0 53	25 47	3 33	25 25	1 36	3 57	1 16	5 13	2 50	20 55	0 44	16 35	1 26	17 52	16 57	22 42	22 56	4 57		n.a.
S 3	11 44	22 45	0s51	13 3	1 10	25 49	3 30	25 25	1 35	3 51	1 16	5 14	2 50	20 55	0 44	16 35	1 26	17 53	16 56	22 42	22 55	4 59		n.a.
M 4	12 4	21 47	1 58	12 38	1 26	25 51	3 27	25 25	1 35	3 46	1 16	5 15	2 49	20 55	0 44	16 36	1 26	17 53	16 56	22 43	22 55	5 2		n.a.
T 5	12 25	19 37	3 0	12 12	1 43	25 52	3 23	25 25	1 35	3 41	1 16	5 16	2 49	20 55	0 43	16 36	1 26	17 53	16 56	22 43	22 55	5 4		n.a.
W 6	12 45	16 20	3 54	11 45	1 59	25 52	3 20	25 24	1 34	3 37	1 17	5 17	2 49	20 54	0 43	16 37	1 26	17 53	16 55	22 43	22 54	5 7		n.a.
T 7	13 4	12 6	4 36	11 19	2 15	25 52	3 15	25 24	1 34	3 32	1 17	5 18	2 49	20 54	0 43	16 38	1 26	17 53	16 55	22 43	22 54	5 9		n.a.
F 8	13 24	7 6	5 3	10 54	2 30	25 51	3 11	25 23	1 33	3 27	1 17	5 19	2 49	20 54	0 43	16 38	1 26	17 53	16 54	22 43	22 54	5 12		n.a.
S 9	13 43	1 35	5 11	10 29	2 44	25 50	3 6	25 22	1 33	3 22	1 17	5 20	2 48	20 54	0 43	16 39	1 26	17 53	16 54	22 42	22 53	5 14		n.a.
S 10	14 2	4s 8	4 58	10 5	2 57	25 48	3 1	25 21	1 32	3 17	1 17	5 21	2 48	20 53	0 43	16 39	1 26	17 53	16 54	22 42	22 53	5 17		n.a.
M11	14 21	9 40	4 26	9 43	3 9	25 45	2 56	25 20	1 32	3 12	1 17	5 21	2 48	20 53	0 43	16 40	1 26	17 53	16 53	22 41	22 52	5 19		n.a.
T 12	14 40	14 38	3 35	9 23	3 20	25 42	2 50	25 19	1 31	3 7	1 17	5 22	2 48	20 53	0 43	16 41	1 26	17 54	16 53	22 40	22 52	5 22		n.a.
W13	14 58	18 39	2 29	9 4	3 30	25 38	2 44	25 17	1 31	3 3	1 17	5 23	2 48	20 52	0 43	16 41	1 26	17 54	16 52	22 40	22 52	5 24		n.a.
T 14	15 17	21 23	1 15	8 48	3 39	25 33	2 37	25 16	1 30	2 58	1 18	5 24	2 47	20 52	0 43	16 42	1 26	17 54	16 52	22 40	22 51	5 27		n.a.
F 15	15 35	22 41	0n 3	8 34	3 46	25 28	2 30	25 14	1 30	2 53	1 18	5 24	2 47	20 52	0 43	16 43	1 26	17 53	16 51	22 39	22 51	5 29		n.a.
S 16	15 52	22 30	1 18	8 22	3 52	25 22	2 23	25 12	1 29	2 48	1 18	5 25	2 47	20 51	0 43	16 43	1 26	17 53	16 51	22 40	22 50	5 31		n.a.
S 17	16 10	21 1	2 26	8 13	3 57	25 15	2 15	25 10	1 29	2 44	1 18	5 26	2 47	20 51	0 43	16 44	1 26	17 53	16 50	22 40	22 50	5 34		n.a.
M18	16 27	18 27	3 25	8 7	4 0	25 8	2 7	25 7	1 29	2 39	1 18	5 26	2 47	20 51	0 43	16 44	1 26	17 53	16 50	22 40	22 50	5 36		n.a.
T 19	16 44	15 5	4 12	8 4	4 2	25 0	1 59	25 5	1 28	2 35	1 18	5 27	2 46	20 50	0 43	16 45	1 26	17 53	16 49	22 40	22 49	5 39		n.a.
W20	17 1	11 7	4 46	8 3	4 3	24 51	1 50	25 2	1 28	2 30	1 18	5 27	2 46	20 50	0 43	16 46	1 26	17 53	16 49	22 40	22 49	5 41		n.a.
T 21	17 18	6 48	5 7	8 5	4 2	24 42	1 40	24 59	1 27	2 26	1 18	5 28	2 46	20 50	0 43	16 46	1 26	17 53	16 48	22 40	22 49	5 44		n.a.
F 22	17 34	2 17	5 14	8 10	4 1	24 32	1 30	24 56	1 27	2 21	1 19	5 28	2 46	20 49	0 43	16 47	1 26	17 53	16 48	22 40	22 48	5 46		n.a.
S 23	17 50	2n17	5 7	8 18	3 58	24 21	1 20	24 53	1 26	2 17	1 19	5 29	2 45	20 49	0 43	16 47	1 26	17 53	16 47	22 39	22 48	5 49		n.a.
S 24	18 5	6 46	4 48	8 29	3 54	24 10	1 9	24 50	1 26	2 12	1 19	5 29	2 45	20 48	0 43	16 48	1 26	17 53	16 47	22 39	22 47	5 51		n.a.
M25	18 21	11 2	4 16	8 42	3 49	23 58	0 58	24 46	1 25	2 8	1 19	5 29	2 45	20 48	0 43	16 49	1 26	17 52	16 46	22 39	22 47	5 53		n.a.
T 26	18 36	14 53	3 32	8 57	3 44	23 45	0 47	24 42	1 25	2 4	1 19	5 30	2 45	20 47	0 43	16 49	1 26	17 52	16 46	22 38	22 47	5 56		n.a.
W27	18 51	18 10	2 39	9 15	3 37	23 31	0 35	24 39	1 24	1 59	1 19	5 30	2 44	20 47	0 43	16 50	1 26	17 52	16 45	22 38	22 46	5 58		n.a.
T 28	19 5	20 42	1 38	9 36	3 30	23 17	0 23	24 35	1 24	1 55	1 20	5 30	2 44	20 47	0 43	16 50	1 26	17 52	16 45	22 37	22 46	6 1		n.a.
F 29	19 19	22 16	0 30	9 58	3 22	23 3	0 10	24 30	1 23	1 51	1 20	5 30	2 44	20 46	0 43	16 51	1 26	17 51	16 44	22 37	22 45	6 3		n.a.
S 30	19 33	22 45	0s39	10 23	3 13	22 47	0s 3	24 26	1 23	1 47	1 20	5 30	2 44	20 46	0 43	16 52	1 26	17 51	16 44	22 37	22 45	6 6		n.a.
S 31	19n47	22n 1	1s48	10n50	3s 3	22n31	0s16	24n21	1n22	1s43	1s20	5n30	2n43	20n45	0n43	16n52	1s26	17n51	16n43	22s37	22s45	6n 8		n.a.

Julian Day Number = 1273016.5, Delta T = 08h15m21s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'11, Lahiri = -20°54'11 Julian Calendar 1 May 1228 BCE == Greg. Calendar 20 Apr. 1228 BCE

The year -1227 astronomical counting style corresponds to year 1228 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1228 BCE
geocentric

JUNE 1228 BCE (-1227) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 52 39	27♉48'33	15♋ 9	6♉52	13°R 0	15♋29	28♓57	22°R31	1♎58	20♉50	23°R34	12♐ 9	12♐59	4♈26	n.a.	M 1
T 2	15 56 35	28°45'40	28°28	7°54	12♊33	16° 6	29° 8	22♍30	2° 0	20°52	23♍33	12°10	12°56	4°33	n.a.	T 2
W 3	16 0 32	29°42'47	12♎ 2	9° 1	12° 4	16°42	29°18	22°30	2° 3	20°54	23°33	12°11	12°52	4°40	n.a.	W 3
T 4	16 4 29	0♊39'54	25°52	10°13	11°33	17°19	29°28	22°29	2° 5	20°56	23°32	12°R12	12°49	4°46	n.a.	T 4
F 5	16 8 25	1°37'01	9♍57	11°29	11° 1	17°56	29°38	22°29	2° 7	20°59	23°32	12°12	12°46	4°53	n.a.	F 5
S 6	16 12 22	2°34'08	24°16	12°49	10°28	18°32	29°48	22°29	2° 9	21° 1	23°32	12°11	12°43	5° 0	n.a.	S 6
S 7	16 16 18	3°31'15	8♎46	14°13	9°53	19° 9	29°57	22°29	2°12	21° 3	23°31	12°10	12°40	5° 6	n.a.	S 7
M 8	16 20 15	4°28'23	23°23	15°41	9°17	19°46	0♈ 7	22°D29	2°14	21° 5	23°31	12° 9	12°37	5°13	n.a.	M 8
T 9	16 24 11	5°25'31	8♏ 1	17°14	8°41	20°23	0°17	22°29	2°17	21° 7	23°31	12° 9	12°33	5°20	n.a.	T 9
W10	16 28 8	6°22'39	22°33	18°50	8° 4	21° 0	0°26	22°29	2°19	21°10	23°31	12° 8	12°30	5°27	n.a.	W10
T 11	16 32 5	7°19'48	6♐55	20°30	7°27	21°37	0°35	22°29	2°22	21°12	23°31	12°D 8	12°27	5°33	n.a.	T 11
F 12	16 36 1	8°16'58	21° 0	22°14	6°49	22°14	0°45	22°30	2°24	21°14	23°30	12° 8	12°24	5°40	n.a.	F 12
S 13	16 39 58	9°14'09	4♑45	24° 1	6°12	22°51	0°54	22°30	2°27	21°16	23°30	12° 8	12°21	5°47	n.a.	S 13
S 14	16 43 54	10°11'21	18° 9	25°51	5°36	23°28	1° 3	22°31	2°29	21°18	23°30	12° 8	12°18	5°53	n.a.	S 14
M15	16 47 51	11° 8'33	1♒10	27°44	5° 0	24° 5	1°11	22°32	2°32	21°20	23°D30	12° 8	12°14	6° 0	n.a.	M15
T 16	16 51 47	12° 5'47	13°51	29°40	4°24	24°43	1°20	22°32	2°35	21°23	23°30	12°R 9	12°11	6° 7	n.a.	T 16
W17	16 55 44	13° 3'01	26°13	1♊38	3°50	25°20	1°29	22°33	2°38	21°25	23°30	12° 8	12° 8	6°14	n.a.	W17
T 18	16 59 40	14° 0'17	8♓22	3°38	3°18	25°57	1°37	22°34	2°40	21°27	23°30	12°D 8	12° 5	6°20	n.a.	T 18
F 19	17 3 37	14°57'34	20°21	5°40	2°46	26°35	1°45	22°35	2°43	21°29	23°30	12° 8	12° 2	6°27	n.a.	F 19
S 20	17 7 34	15°54'52	2♈14	7°43	2°17	27°12	1°54	22°36	2°46	21°31	23°31	12° 9	11°58	6°34	n.a.	S 20
S 21	17 11 30	16°52'11	14° 6	9°48	1°49	27°50	2° 2	22°37	2°49	21°33	23°31	12° 9	11°55	6°40	n.a.	S 21
M22	17 15 27	17°49'32	26° 3	11°53	1°23	28°27	2° 9	22°39	2°52	21°35	23°31	12° 9	11°52	6°47	n.a.	M22
T 23	17 19 23	18°46'53	8♉ 6	13°58	1° 0	29° 5	2°17	22°40	2°55	21°37	23°31	12°10	11°49	6°54	n.a.	T 23
W24	17 23 20	19°44'16	20°20	16° 4	0°38	29°43	2°25	22°42	2°58	21°39	23°32	12°11	11°46	7° 1	n.a.	W24
T 25	17 27 16	20°41'41	2♊47	18° 9	0°19	0♎21	2°32	22°43	3° 1	21°41	23°32	12°11	11°43	7° 7	n.a.	T 25
F 26	17 31 13	21°39'06	15°30	20°14	0° 1	0°59	2°40	22°45	3° 4	21°43	23°32	12°R11	11°39	7°14	n.a.	F 26
S 27	17 35 10	22°36'33	28°28	22°19	29♉47	1°36	2°47	22°47	3° 7	21°45	23°33	12°11	11°36	7°21	n.a.	S 27
S 28	17 39 6	23°34'01	11♋41	24°22	29°34	2°14	2°54	22°49	3°10	21°47	23°33	12°10	11°33	7°27	n.a.	S 28
M29	17 43 3	24°31'30	25°10	26°25	29°24	2°53	3° 1	22°51	3°13	21°49	23°34	12° 9	11°30	7°34	n.a.	M29
T 30	17 46 59	25♊29'01	8♎51	28♊27	29♉17	3♎31	3♈ 7	22♍53	3♎16	21♉51	23♍34	12♐ 7	11♐27	7♈41	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n 0	20n 6	2s53	11n19	2s53	22n15	0s30	24n17	1n22	1s39	1s20	5n30	2n43	20n45	0n43	16n53	1s26	17n51	16n43	22s38	22s44	6n10		n.a.
T 2	20 13	17 5	3 49	11 49	2 43	21 58	0 43	24 12	1 21	1 35	1 20	5 30	2 43	20 44	0 43	16 53	1 26	17 50	16 42	22 38	22 44	6 13		n.a.
W 3	20 26	13 5	4 34	12 21	2 32	21 40	0 57	24 7	1 21	1 31	1 21	5 30	2 43	20 44	0 43	16 54	1 26	17 50	16 41	22 38	22 43	6 15		n.a.
T 4	20 38	8 21	5 4	12 55	2 20	21 22	1 11	24 2	1 21	1 27	1 21	5 30	2 42	20 43	0 42	16 55	1 26	17 50	16 41	22 38	22 43	6 18		n.a.
F 5	20 50	3 5	5 16	13 30	2 8	21 4	1 25	23 56	1 20	1 23	1 21	5 30	2 42	20 42	0 42	16 55	1 26	17 49	16 40	22 38	22 42	6 20		n.a.
S 6	21 1	2s25	5 10	14 6	1 56	20 45	1 39	23 51	1 20	1 19	1 21	5 30	2 42	20 42	0 42	16 56	1 26	17 49	16 40	22 38	22 42	6 22		n.a.
S 7	21 13	7 51	4 43	14 43	1 44	20 26	1 53	23 45	1 19	1 15	1 21	5 30	2 42	20 41	0 42	16 56	1 26	17 48	16 39	22 38	22 42	6 25		n.a.
M 8	21 23	12 55	3 58	15 22	1 31	20 7	2 7	23 39	1 19	1 12	1 21	5 30	2 41	20 41	0 42	16 57	1 26	17 48	16 39	22 38	22 41	6 27		n.a.
T 9	21 34	17 13	2 58	16 1	1 18	19 48	2 21	23 33	1 18	1 8	1 22	5 29	2 41	20 40	0 42	16 58	1 26	17 48	16 38	22 38	22 41	6 30		n.a.
W10	21 44	20 26	1 46	16 40	1 6	19 28	2 35	23 27	1 18	1 4	1 22	5 29	2 41	20 40	0 42	16 58	1 26	17 47	16 38	22 37	22 40	6 32		n.a.
T 11	21 54	22 18	0 29	17 19	0 53	19 9	2 49	23 20	1 17	1 1	1 22	5 29	2 40	20 39	0 42	16 59	1 26	17 47	16 37	22 37	22 40	6 34		n.a.
F 12	22 3	22 43	0n49	17 59	0 40	18 50	3 2	23 14	1 17	0 57	1 22	5 28	2 40	20 38	0 42	16 59	1 26	17 46	16 36	22 37	22 40	6 37		n.a.
S 13	22 12	21 43	2 2	18 39	0 28	18 31	3 15	23 7	1 16	0 54	1 22	5 28	2 40	20 38	0 42	17 0	1 26	17 46	16 36	22 37	22 39	6 39		n.a.
S 14	22 21	19 30	3 7	19 17	0 15	18 12	3 27	23 0	1 16	0 50	1 23	5 27	2 40	20 37	0 42	17 0	1 26	17 45	16 35	22 37	22 39	6 42		n.a.
M15	22 29	16 20	4 0	19 56	0 3	17 54	3 39	22 53	1 15	0 47	1 23	5 27	2 39	20 36	0 42	17 1	1 26	17 45	16 35	22 38	22 38	6 44		n.a.
T 16	22 37	12 29	4 39	20 33	0n 8	17 36	3 50	22 46	1 15	0 44	1 23	5 26	2 39	20 36	0 42	17 1	1 26	17 44	16 34	22 38	22 38	6 46		n.a.
W17	22 45	8 13	5 5	21 9	0 19	17 19	4 1	22 38	1 14	0 40	1 23	5 26	2 39	20 35	0 42	17 2	1 26	17 44	16 33	22 38	22 37	6 49		n.a.
T 18	22 52	3 41	5 16	21 43	0 30	17 3	4 12	22 31	1 14	0 37	1 23	5 25	2 39	20 34	0 42	17 3	1 26	17 43	16 33	22 38	22 37	6 51		n.a.
F 19	22 58	0n55	5 14	22 16	0 40	16 47	4 22	22 23	1 13	0 34	1 24	5 24	2 38	20 34	0 42	17 3	1 26	17 42	16 32	22 38	22 37	6 54		n.a.
S 20	23 5	5 27	4 58	22 47	0 50	16 32	4 31	22 15	1 13	0 31	1 24	5 24	2 38	20 33	0 42	17 4	1 26	17 42	16 32	22 38	22 36	6 56		n.a.
S 21	23 11	9 46	4 29	23 15	0 58	16 18	4 40	22 7	1 12	0 28	1 24	5 23	2 38	20 32	0 42	17 4	1 26	17 41	16 31	22 38	22 36	6 58		n.a.
M22	23 16	13 46	3 49	23 41	1 7	16 5	4 48	21 59	1 12	0 25	1 24	5 22	2 38	20 32	0 42	17 5	1 26	17 41	16 30	22 38	22 35	7 1		n.a.
T 23	23 21	17 14	2 58	24 5	1 14	15 53	4 55	21 51	1 11	0 22	1 24	5 21	2 37	20 31	0 42	17 5	1 26	17 40	16 30	22 38	22 35	7 3		n.a.
W24	23 26	20 1	1 58	24 26	1 21	15 42	5 2	21 42	1 11	0 19	1 25	5 21	2 37	20 30	0 42	17 6	1 26	17 39	16 29	22 38	22 34	7 5		n.a.
T 25	23 30	21 55	0 52	24 45	1 27	15 32	5 8	21 33	1 10	0 16	1 25	5 20	2 37	20 29	0 42	17 6	1 26	17 39	16 29	22 38	22 34	7 8		n.a.
F 26	23 34	22 44	0s18	25 0	1 32	15 23	5 14	21 24	1 10	0 13	1 25	5 19	2 37	20 29	0 42	17 7	1 26	17 38	16 28	22 38	22 34	7 10		n.a.
S 27	23 38	22 21	1 29	25 13	1 37	15 15	5 19	21 15	1 9	0 11	1 25	5 18	2 36	20 28	0 42	17 7	1 26	17 37	16 28	22 38	22 33	7 12		n.a.
S 28	23 41	20 43	2 36	25 23	1 40	15 8	5 24	21 6	1 9	0 8	1 26	5 17	2 36	20 27	0 42	17 8	1 26	17 37	16 27	22 38	22 33	7 15		n.a.
M29	23 43	17 55	3 36	25 31	1 44	15 2	5 28	20 57	1 8	0 5	1 26	5 16	2 36	20 26	0 42	17 8	1 26	17 36	16 26	22 38	22 32	7 17		n.a.
T 30	23n46	14n 6	4s24	25n36	1n46	14n57	5s31	20n47	1n 8	0s 3	1s26	5n15	2n35	20n26	0n42	17n 9	1s26	17n35	16n26	22s37	22s32	7n19		n.a.

Julian Day Number = 1273047.5, Delta T = 08h15m19s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'07, Lahiri = -20°54'06 Julian Calendar 1 June 1228 BCE == Greg. Calendar 21 May 1228 BCE

The year -1227 astronomical counting style corresponds to year 1228 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1228 BCE
geocentric

JULY 1228 BCE (-1227) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 50 56	26♊26'32	22♌44	0♋28	29°R11	4♌ 9	3♈14	22♍55	3♌20	21♉53	23♍35	12°R 5	11♐23	7♈48	n.a.	W 1
T 2	17 54 52	27°24'04	6♍46	2°27	29♉ 8	4°47	3°20	22°57	3°23	21°55	23°35	12♐ 4	11°20	7°54	n.a.	T 2
F 3	17 58 49	28°21'37	20°54	4°25	29°D 8	5°25	3°27	23° 0	3°26	21°57	23°36	12° 3	11°17	8° 1	n.a.	F 3
S 4	18 2 45	29°19'11	5♎ 7	6°22	29° 9	6° 4	3°33	23° 2	3°29	21°58	23°36	12°D 3	11°14	8° 8	n.a.	S 4
S 5	18 6 42	0♋16'47	19°22	8°17	29°13	6°42	3°39	23° 5	3°33	22° 0	23°37	12° 4	11°11	8°14	n.a.	S 5
M 6	18 10 39	1°14'23	3♏36	10°11	29°20	7°20	3°44	23° 7	3°36	22° 2	23°38	12° 5	11° 8	8°21	n.a.	M 6
T 7	18 14 35	2°12'01	17°47	12° 3	29°28	7°59	3°50	23°10	3°39	22° 4	23°38	12° 6	11° 4	8°28	n.a.	T 7
W 8	18 18 32	3° 9'40	1♐53	13°54	29°38	8°37	3°56	23°13	3°43	22° 6	23°39	12° 7	11° 1	8°35	n.a.	W 8
T 9	18 22 28	4° 7'20	15°49	15°44	29°51	9°16	4° 1	23°16	3°46	22° 8	23°40	12°R 7	10°58	8°41	n.a.	T 9
F 10	18 26 25	5° 5'02	29°33	17°32	0♑ 5	9°55	4° 6	23°19	3°49	22° 9	23°41	12° 7	10°55	8°48	n.a.	F 10
S 11	18 30 21	6° 2'46	13♑ 2	19°19	0°22	10°33	4°11	23°22	3°53	22°11	23°42	12° 5	10°52	8°55	n.a.	S 11
S 12	18 34 18	7° 0'31	26°15	21° 4	0°40	11°12	4°16	23°25	3°56	22°13	23°43	12° 2	10°49	9° 1	n.a.	S 12
M13	18 38 14	7°58'17	9♒10	22°48	1° 1	11°51	4°20	23°28	4° 0	22°14	23°44	11°58	10°45	9° 8	n.a.	M13
T 14	18 42 11	8°56'06	21°48	24°30	1°23	12°30	4°25	23°31	4° 3	22°16	23°45	11°53	10°42	9°15	n.a.	T 14
W15	18 46 8	9°53'56	4♓ 9	26°11	1°47	13° 9	4°29	23°35	4° 7	22°18	23°46	11°49	10°39	9°21	n.a.	W15
T 16	18 50 4	10°51'48	16°18	27°51	2°12	13°48	4°33	23°38	4°10	22°19	23°47	11°46	10°36	9°28	n.a.	T 16
F 17	18 54 1	11°49'42	28°17	29°30	2°39	14°27	4°37	23°42	4°14	22°21	23°48	11°44	10°33	9°35	n.a.	F 17
S 18	18 57 57	12°47'37	10♈10	1♌ 7	3° 8	15° 6	4°41	23°45	4°18	22°23	23°49	11°D43	10°29	9°42	n.a.	S 18
S 19	19 1 54	13°45'35	22° 2	2°42	3°38	15°45	4°44	23°49	4°21	22°24	23°50	11°43	10°26	9°48	n.a.	S 19
M20	19 5 50	14°43'35	3♉58	4°17	4°10	16°24	4°47	23°53	4°25	22°26	23°51	11°44	10°23	9°55	n.a.	M20
T 21	19 9 47	15°41'37	16° 3	5°50	4°43	17° 3	4°51	23°57	4°29	22°27	23°52	11°46	10°20	10° 2	n.a.	T 21
W22	19 13 43	16°39'41	28°21	7°22	5°17	17°43	4°54	24° 1	4°32	22°29	23°53	11°48	10°17	10° 8	n.a.	W22
T 23	19 17 40	17°37'48	10♊56	8°52	5°53	18°22	4°56	24° 5	4°36	22°30	23°55	11°R48	10°14	10°15	n.a.	T 23
F 24	19 21 37	18°35'56	23°51	10°21	6°30	19° 1	4°59	24° 9	4°40	22°31	23°56	11°48	10°10	10°22	n.a.	F 24
S 25	19 25 33	19°34'06	7♋ 7	11°49	7° 8	19°41	5° 1	24°13	4°43	22°33	23°57	11°45	10° 7	10°29	n.a.	S 25
S 26	19 29 30	20°32'18	20°44	13°15	7°47	20°21	5° 4	24°17	4°47	22°34	23°59	11°41	10° 4	10°35	n.a.	S 26
M27	19 33 26	21°30'32	4♌39	14°40	8°27	21° 0	5° 6	24°21	4°51	22°36	24° 0	11°36	10° 1	10°42	n.a.	M27
T 28	19 37 23	22°28'48	18°49	16° 4	9° 9	21°40	5° 7	24°26	4°54	22°37	24° 1	11°29	9°58	10°49	n.a.	T 28
W29	19 41 19	23°27'05	3♍ 8	17°26	9°51	22°20	5° 9	24°30	4°58	22°38	24° 3	11°23	9°55	10°55	n.a.	W29
T 30	19 45 16	24°25'25	17°31	18°47	10°35	22°59	5°10	24°35	5° 2	22°39	24° 4	11°17	9°51	11° 2	n.a.	T 30
F 31	19 49 12	25♋23'46	1♎53	20♌ 6	11♊19	23♌39	5♈12	24♍39	5♌ 6	22♉41	24♍ 6	11♐13	9♐48	11♈ 9	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n47	9n29	4s58	25n38	1n48	14n53	5s34	20n38	1n 7	0s 1	1s26	5n14	2n35	20n25	0n42	17n 9	1s26	17n34	16n25	22s37	22s31	7n22		n.a.
T 2	23 49	4 19	5 14	25 38	1 49	14 50	5 36	20 28	1 7	0n 2	1 26	5 12	2 35	20 24	0 42	17 10	1 26	17 34	16 25	22 37	22 31	7 24		n.a.
F 3	23 50	1s 6	5 12	25 35	1 49	14 48	5 38	20 18	1 6	0 4	1 27	5 11	2 35	20 23	0 42	17 10	1 26	17 33	16 24	22 37	22 30	7 26		n.a.
S 4	23 50	6 30	4 51	25 30	1 49	14 47	5 40	20 8	1 6	0 6	1 27	5 10	2 34	20 23	0 42	17 11	1 26	17 32	16 23	22 37	22 30	7 29		n.a.
S 5	23 50	11 34	4 11	25 22	1 48	14 46	5 41	19 57	1 5	0 9	1 27	5 9	2 34	20 22	0 42	17 11	1 26	17 31	16 23	22 37	22 30	7 31		n.a.
M 6	23 50	16 0	3 17	25 13	1 47	14 47	5 41	19 47	1 5	0 11	1 27	5 7	2 34	20 21	0 42	17 12	1 26	17 30	16 22	22 37	22 29	7 33		n.a.
T 7	23 49	19 30	2 10	25 1	1 45	14 49	5 42	19 36	1 4	0 13	1 28	5 6	2 34	20 20	0 42	17 12	1 26	17 30	16 22	22 37	22 29	7 36		n.a.
W 8	23 48	21 48	0 56	24 48	1 43	14 51	5 42	19 26	1 3	0 15	1 28	5 5	2 33	20 19	0 42	17 12	1 26	17 29	16 21	22 37	22 28	7 38		n.a.
T 9	23 46	22 44	0n20	24 33	1 40	14 54	5 41	19 15	1 3	0 17	1 28	5 3	2 33	20 18	0 42	17 13	1 26	17 28	16 20	22 37	22 28	7 40		n.a.
F 10	23 44	22 16	1 34	24 16	1 36	14 58	5 40	19 4	1 2	0 18	1 28	5 2	2 33	20 18	0 42	17 13	1 26	17 27	16 20	22 37	22 27	7 43		n.a.
S 11	23 42	20 30	2 42	23 57	1 33	15 3	5 39	18 53	1 2	0 20	1 29	5 1	2 33	20 17	0 42	17 14	1 26	17 26	16 19	22 37	22 27	7 45		n.a.
S 12	23 39	17 40	3 39	23 37	1 29	15 8	5 37	18 41	1 1	0 22	1 29	4 59	2 32	20 16	0 42	17 14	1 26	17 25	16 19	22 37	22 26	7 47		n.a.
M13	23 36	14 2	4 24	23 15	1 24	15 14	5 36	18 30	1 1	0 24	1 29	4 58	2 32	20 15	0 42	17 15	1 26	17 24	16 18	22 36	22 26	7 50		n.a.
T 14	23 32	9 50	4 54	22 53	1 19	15 20	5 34	18 18	1 0	0 25	1 29	4 56	2 32	20 14	0 42	17 15	1 27	17 24	16 18	22 35	22 25	7 52		n.a.
W15	23 28	5 20	5 10	22 28	1 14	15 27	5 31	18 6	1 0	0 27	1 30	4 54	2 32	20 13	0 42	17 15	1 27	17 23	16 17	22 35	22 25	7 54		n.a.
T 16	23 23	0 43	5 12	22 3	1 8	15 35	5 29	17 54	0 59	0 28	1 30	4 53	2 32	20 13	0 42	17 16	1 27	17 22	16 17	22 34	22 25	7 57		n.a.
F 17	23 18	3n53	5 0	21 37	1 2	15 43	5 26	17 42	0 59	0 29	1 30	4 51	2 31	20 12	0 42	17 16	1 27	17 21	16 16	22 34	22 24	7 59		n.a.
S 18	23 13	8 18	4 35	21 10	0 56	15 51	5 23	17 30	0 58	0 31	1 30	4 49	2 31	20 11	0 42	17 17	1 27	17 20	16 15	22 34	22 24	8 1		n.a.
S 19	23 7	12 24	3 59	20 41	0 50	16 0	5 20	17 18	0 58	0 32	1 31	4 48	2 31	20 10	0 42	17 17	1 27	17 19	16 15	22 34	22 23	8 3		n.a.
M20	23 1	16 3	3 12	20 12	0 43	16 9	5 17	17 5	0 57	0 33	1 31	4 46	2 31	20 9	0 42	17 17	1 27	17 18	16 14	22 34	22 23	8 6		n.a.
T 21	22 54	19 5	2 16	19 43	0 36	16 18	5 13	16 53	0 57	0 34	1 31	4 44	2 30	20 8	0 42	17 18	1 27	17 17	16 14	22 34	22 22	8 8		n.a.
W22	22 47	21 18	1 13	19 12	0 29	16 28	5 9	16 40	0 56	0 35	1 31	4 42	2 30	20 7	0 42	17 18	1 27	17 16	16 13	22 35	22 22	8 10		n.a.
T 23	22 39	22 32	0 5	18 41	0 22	16 38	5 6	16 27	0 55	0 36	1 32	4 41	2 30	20 6	0 42	17 18	1 27	17 15	16 13	22 35	22 21	8 13		n.a.
F 24	22 31	22 37	1s 5	18 10	0 14	16 48	5 2	16 14	0 55	0 37	1 32	4 39	2 30	20 5	0 42	17 19	1 27	17 14	16 12	22 35	22 21	8 15		n.a.
S 25	22 23	21 26	2 13	17 38	0 6	16 59	4 57	16 1	0 54	0 37	1 32	4 37	2 29	20 4	0 42	17 19	1 27	17 13	16 12	22 34	22 20	8 17		n.a.
S 26	22 14	18 59	3 16	17 6	0s 2	17 9	4 53	15 48	0 54	0 38	1 32	4 35	2 29	20 4	0 42	17 19	1 27	17 12	16 11	22 34	22 20	8 19		n.a.
M27	22 5	15 25	4 8	16 33	0 10	17 20	4 49	15 34	0 53	0 39	1 33	4 33	2 29	20 3	0 42	17 20	1 27	17 11	16 11	22 33	22 19	8 22		n.a.
T 28	21 56	10 55	4 45	16 0	0 18	17 31	4 44	15 21	0 53	0 39	1 33	4 31	2 29	20 2	0 42	17 20	1 27	17 10	16 10	22 32	22 19	8 24		n.a.
W29	21 46	5 47	5 6	15 27	0 26	17 41	4 40	15 7	0 52	0 40	1 33	4 29	2 29	20 1	0 42	17 20	1 27	17 9	16 10	22 31	22 18	8 26		n.a.
T 30	21 36	0 19	5 7	14 54	0 35	17 52	4 35	14 54	0 52	0 40	1 33	4 27	2 28	20 0	0 42	17 21	1 27	17 8	16 9	22 30	22 18	8 29		n.a.
F 31	21n25	5s10	4s49	14n20	0s43	18n 3	4s30	14n40	0n51	0n40	1s34	4n25	2n28	19n59	0n42	17n21	1s27	17n 7	16n 9	22s30	22s18	8n31		n.a.

Julian Day Number = 1273077.5, Delta T = 08h15m17s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°01'03, Lahiri = -20°54'02 Julian Calendar 1 July 1228 BCE == Greg. Calendar 20 June 1228 BCE

The year -1227 astronomical counting style corresponds to year 1228 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1228 BCE
geocentric

AUGUST 1228 BCE (-1227) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 53 9	26♋22'08	16♎11	21♌24	12♊ 5	24♌19	5♈13	24♍44	5♌ 9	22♉42	24♍ 7	11°R11	9♐45	11♈15	n.a.	S 1
S 2	19 57 5	27°20'33	0♏21	22°40	12°51	24°59	5°14	24°49	5°13	22°43	24° 9	11°D11	9°42	11°22	n.a.	S 2
M 3	20 1 2	28°18'59	14°21	23°54	13°38	25°39	5°14	24°54	5°17	22°44	24°10	11♐11	9°39	11°29	n.a.	M 3
T 4	20 4 59	29°17'27	28°12	25° 7	14°26	26°19	5°15	24°59	5°21	22°45	24°12	11°13	9°35	11°36	n.a.	T 4
W 5	20 8 55	0♌15'56	11♐53	26°17	15°14	26°59	5°15	25° 3	5°24	22°46	24°14	11°R13	9°32	11°42	n.a.	W 5
T 6	20 12 52	1°14'28	25°23	27°26	16° 4	27°39	5°R15	25° 9	5°28	22°48	24°15	11°12	9°29	11°49	n.a.	T 6
F 7	20 16 48	2°13'01	8♑42	28°33	16°54	28°20	5°15	25°14	5°32	22°49	24°17	11° 9	9°26	11°56	n.a.	F 7
S 8	20 20 45	3°11'37	21°50	29°37	17°45	29° 0	5°14	25°19	5°36	22°50	24°19	11° 4	9°23	12° 2	n.a.	S 8
S 9	20 24 41	4°10'14	4♒46	0♍40	18°37	29°40	5°14	25°24	5°40	22°51	24°20	10°56	9°20	12° 9	n.a.	S 9
M10	20 28 38	5° 8'54	17°28	1°40	19°29	0♍21	5°13	25°29	5°43	22°52	24°22	10°47	9°16	12°16	n.a.	M10
T 11	20 32 34	6° 7'35	29°57	2°37	20°22	1° 1	5°12	25°34	5°47	22°52	24°24	10°36	9°13	12°22	n.a.	T 11
W12	20 36 31	7° 6'19	12♓13	3°31	21°16	1°42	5°11	25°40	5°51	22°53	24°26	10°26	9°10	12°29	n.a.	W12
T 13	20 40 28	8° 5'05	24°19	4°23	22°10	2°22	5° 9	25°45	5°55	22°54	24°27	10°17	9° 7	12°36	n.a.	T 13
F 14	20 44 24	9° 3'54	6♈15	5°11	23° 5	3° 3	5° 8	25°51	5°59	22°55	24°29	10°10	9° 4	12°43	n.a.	F 14
S 15	20 48 21	10° 2'44	18° 7	5°55	24° 0	3°44	5° 6	25°56	6° 2	22°56	24°31	10° 5	9° 1	12°49	n.a.	S 15
S 16	20 52 17	11° 1'38	29°57	6°36	24°56	4°24	5° 4	26° 2	6° 6	22°57	24°33	10° 2	8°57	12°56	n.a.	S 16
M17	20 56 14	12° 0'33	11♉51	7°13	25°53	5° 5	5° 2	26° 8	6°10	22°57	24°35	10°D 2	8°54	13° 3	n.a.	M17
T 18	21 0 10	12°59'31	23°54	7°45	26°50	5°46	5° 0	26°13	6°14	22°58	24°37	10° 2	8°51	13° 9	n.a.	T 18
W19	21 4 7	13°58'32	6♊11	8°12	27°48	6°27	4°57	26°19	6°18	22°59	24°39	10°R 3	8°48	13°16	n.a.	W19
T 20	21 8 3	14°57'35	18°48	8°34	28°46	7° 8	4°54	26°25	6°21	22°59	24°41	10° 2	8°45	13°23	n.a.	T 20
F 21	21 12 0	15°56'41	1♋48	8°51	29°44	7°49	4°51	26°31	6°25	23° 0	24°43	10° 0	8°41	13°29	n.a.	F 21
S 22	21 15 56	16°55'48	15°13	9° 2	0♋43	8°30	4°48	26°37	6°29	23° 0	24°45	9°56	8°38	13°36	n.a.	S 22
S 23	21 19 53	17°54'59	29° 6	9°R 6	1°43	9°11	4°45	26°43	6°33	23° 1	24°47	9°49	8°35	13°43	n.a.	S 23
M24	21 23 50	18°54'11	13♌22	9° 3	2°42	9°53	4°41	26°49	6°36	23° 1	24°49	9°39	8°32	13°50	n.a.	M24
T 25	21 27 46	19°53'26	27°57	8°53	3°43	10°34	4°38	26°55	6°40	23° 2	24°51	9°29	8°29	13°56	n.a.	T 25
W26	21 31 43	20°52'43	12♍43	8°35	4°43	11°15	4°34	27° 1	6°44	23° 2	24°53	9°18	8°26	14° 3	n.a.	W26
T 27	21 35 39	21°52'01	27°33	8°10	5°44	11°57	4°30	27° 7	6°48	23° 3	24°55	9° 8	8°22	14°10	n.a.	T 27
F 28	21 39 36	22°51'22	12♎17	7°37	6°46	12°38	4°25	27°13	6°51	23° 3	24°57	9° 1	8°19	14°16	n.a.	F 28
S 29	21 43 32	23°50'45	26°50	6°56	7°48	13°20	4°21	27°19	6°55	23° 3	25° 0	8°56	8°16	14°23	n.a.	S 29
S 30	21 47 29	24°50'10	11♏ 7	6° 7	8°50	14° 1	4°16	27°26	6°59	23° 4	25° 2	8°53	8°13	14°30	n.a.	S 30
M31	21 51 25	25♌49'37	25♏ 6	5♍11	9♋52	14♍43	4♈11	27♍32	7♌ 2	23♉ 4	25♍ 4	8°D53	8♐10	14♈36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n14	10s21	4s13	13n47	0s52	18n14	4s25	14n26	0n50	0n40	1s34	4n23	2n28	19n58	0n42	17n21	1s27	17n 6	16n 8	22s30	22s17	8n33		n.a.
S 2	21 2	14 56	3 22	13 14	1 1	18 25	4 20	14 12	0 50	0 40	1 34	4 21	2 28	19 57	0 42	17 21	1 27	17 5	16 8	22 30	22 17	8 35		n.a.
M 3	20 51	18 38	2 20	12 41	1 10	18 36	4 15	13 57	0 49	0 40	1 34	4 19	2 28	19 56	0 42	17 22	1 27	17 4	16 7	22 30	22 16	8 38		n.a.
T 4	20 38	21 13	1 10	12 8	1 18	18 46	4 10	13 43	0 49	0 40	1 35	4 17	2 27	19 55	0 42	17 22	1 27	17 3	16 7	22 30	22 16	8 40		n.a.
W 5	20 26	22 32	0n 4	11 36	1 27	18 57	4 5	13 28	0 48	0 40	1 35	4 14	2 27	19 54	0 42	17 22	1 27	17 1	16 6	22 30	22 15	8 42		n.a.
T 6	20 13	22 30	1 16	11 4	1 36	19 7	4 0	13 14	0 48	0 40	1 35	4 12	2 27	19 53	0 42	17 22	1 27	17 0	16 6	22 30	22 15	8 44		n.a.
F 7	20 0	21 11	2 22	10 32	1 45	19 18	3 54	12 59	0 47	0 40	1 35	4 10	2 27	19 52	0 42	17 23	1 27	16 59	16 5	22 29	22 14	8 47		n.a.
S 8	19 46	18 44	3 20	10 1	1 54	19 28	3 49	12 44	0 47	0 39	1 36	4 8	2 27	19 51	0 42	17 23	1 27	16 58	16 5	22 29	22 14	8 49		n.a.
S 9	19 32	15 24	4 7	9 31	2 3	19 38	3 44	12 29	0 46	0 39	1 36	4 6	2 26	19 50	0 42	17 23	1 27	16 57	16 4	22 27	22 13	8 51		n.a.
M10	19 18	11 25	4 40	9 1	2 11	19 47	3 38	12 14	0 45	0 38	1 36	4 3	2 26	19 50	0 42	17 23	1 27	16 56	16 4	22 26	22 13	8 53		n.a.
T 11	19 3	7 1	5 0	8 33	2 20	19 57	3 33	11 59	0 45	0 38	1 36	4 1	2 26	19 49	0 42	17 23	1 27	16 55	16 3	22 25	22 12	8 55		n.a.
W12	18 48	2 24	5 5	8 5	2 28	20 6	3 27	11 44	0 44	0 37	1 37	3 59	2 26	19 48	0 42	17 24	1 27	16 54	16 3	22 23	22 12	8 58		n.a.
T 13	18 33	2n13	4 56	7 38	2 37	20 15	3 22	11 29	0 44	0 36	1 37	3 56	2 26	19 47	0 42	17 24	1 28	16 53	16 3	22 22	22 11	9 0		n.a.
F 14	18 17	6 42	4 34	7 13	2 45	20 24	3 16	11 13	0 43	0 35	1 37	3 54	2 26	19 46	0 42	17 24	1 28	16 51	16 2	22 21	22 11	9 2		n.a.
S 15	18 1	10 55	4 1	6 49	2 52	20 32	3 10	10 58	0 43	0 35	1 37	3 51	2 25	19 45	0 42	17 24	1 28	16 50	16 2	22 20	22 10	9 4		n.a.
S 16	17 45	14 42	3 17	6 27	3 0	20 40	3 5	10 42	0 42	0 34	1 38	3 49	2 25	19 44	0 42	17 24	1 28	16 49	16 1	22 20	22 10	9 7		n.a.
M17	17 29	17 56	2 25	6 7	3 7	20 47	2 59	10 26	0 41	0 32	1 38	3 47	2 25	19 43	0 42	17 24	1 28	16 48	16 1	22 20	22 9	9 9		n.a.
T 18	17 12	20 26	1 25	5 49	3 14	20 55	2 53	10 11	0 41	0 31	1 38	3 44	2 25	19 42	0 42	17 25	1 28	16 47	16 1	22 20	22 9	9 11		n.a.
W19	16 55	22 2	0 21	5 33	3 20	21 1	2 48	9 55	0 40	0 30	1 38	3 42	2 25	19 41	0 42	17 25	1 28	16 46	16 0	22 20	22 8	9 13		n.a.
T 20	16 37	22 35	0s46	5 19	3 26	21 8	2 42	9 39	0 40	0 29	1 38	3 39	2 25	19 40	0 42	17 25	1 28	16 45	16 0	22 20	22 8	9 15		n.a.
F 21	16 19	21 57	1 53	5 8	3 31	21 14	2 37	9 23	0 39	0 27	1 39	3 37	2 24	19 39	0 42	17 25	1 28	16 44	15 59	22 19	22 7	9 18		n.a.
S 22	16 1	20 3	2 56	5 0	3 35	21 19	2 31	9 7	0 38	0 26	1 39	3 34	2 24	19 38	0 42	17 25	1 28	16 42	15 59	22 19	22 7	9 20		n.a.
S 23	15 43	16 56	3 50	4 55	3 38	21 24	2 25	8 50	0 38	0 24	1 39	3 32	2 24	19 37	0 42	17 25	1 28	16 41	15 59	22 18	22 6	9 22		n.a.
M24	15 24	12 46	4 31	4 54	3 41	21 29	2 20	8 34	0 37	0 23	1 39	3 29	2 24	19 36	0 42	17 25	1 28	16 40	15 58	22 16	22 6	9 24		n.a.
T 25	15 6	7 46	4 56	4 57	3 42	21 33	2 14	8 17	0 37	0 21	1 39	3 27	2 24	19 35	0 42	17 25	1 28	16 39	15 58	22 15	22 5	9 26		n.a.
W26	14 46	2 16	5 1	5 4	3 42	21 37	2 8	8 1	0 36	0 19	1 40	3 24	2 24	19 34	0 42	17 25	1 28	16 38	15 58	22 13	22 5	9 29		n.a.
T 27	14 27	3s23	4 47	5 15	3 40	21 40	2 3	7 44	0 35	0 17	1 40	3 21	2 24	19 33	0 42	17 25	1 28	16 37	15 57	22 11	22 4	9 31		n.a.
F 28	14 8	8 48	4 13	5 30	3 37	21 43	1 57	7 28	0 35	0 16	1 40	3 19	2 24	19 32	0 42	17 25	1 28	16 35	15 57	22 10	22 4	9 33		n.a.
S 29	13 48	13 40	3 23	5 50	3 32	21 45	1 52	7 11	0 34	0 14	1 40	3 16	2 23	19 32	0 42	17 26	1 28	16 34	15 57	22 9	22 3	9 35		n.a.
S 30	13 28	17 39	2 21	6 15	3 25	21 47	1 46	6 54	0 34	0 12	1 40	3 13	2 23	19 31	0 42	17 26	1 28	16 33	15 57	22 9	22 3	9 37		n.a.
M31	13n 7	20s32	1s12	6n43	3s17	21n48	1s41	6n37	0n33	0n 9	1s41	3n11	2n23	19n30	0n42	17n26	1s28	16n32	15n56	22s 9	22s 2	9n39		n.a.

Julian Day Number = 1273108.5, Delta T = 08h15m16s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'59, Lahiri = -20°53'58 Julian Calendar 1 Aug. 1228 BCE == Greg. Calendar 21 July 1228 BCE

The year -1227 astronomical counting style corresponds to year 1228 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1228 BCE
geocentric

SEPTEMBER 1228 BCE (-1227) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 55 22	26♌49'05	8♐48	4°R 9	10♋55	15♍25	4°R 6	27♍38	7♌ 6	23♉ 4	25♍ 6	8°R53	8♐ 7	14♈43	n.a.	T 1
W 2	21 59 19	27°48'36	22°14	3♍ 2	11°59	16° 6	4♈ 1	27°45	7° 9	23° 4	25° 8	8♐52	8° 3	14°50	n.a.	W 2
T 3	22 3 15	28°48'08	5♑25	1°52	13° 2	16°48	3°56	27°51	7°13	23° 4	25°11	8°50	8° 0	14°57	n.a.	T 3
F 4	22 7 12	29°47'43	18°24	0°39	14° 6	17°30	3°50	27°58	7°17	23° 5	25°13	8°45	7°57	15° 3	n.a.	F 4
S 5	22 11 8	0♍47'19	1♒11	29♌27	15°10	18°12	3°45	28° 4	7°20	23° 5	25°15	8°37	7°54	15°10	n.a.	S 5
S 6	22 15 5	1°46'57	13°47	28°17	16°14	18°54	3°39	28°11	7°24	23° 5	25°17	8°26	7°51	15°17	n.a.	S 6
M 7	22 19 1	2°46'37	26°14	27°12	17°19	19°36	3°33	28°17	7°27	23°R 5	25°20	8°13	7°47	15°23	n.a.	M 7
T 8	22 22 58	3°46'20	8♓31	26°12	18°24	20°18	3°27	28°24	7°31	23° 5	25°22	7°59	7°44	15°30	n.a.	T 8
W 9	22 26 54	4°46'04	20°39	25°21	19°30	21° 0	3°21	28°30	7°34	23° 5	25°24	7°45	7°41	15°37	n.a.	W 9
T 10	22 30 51	5°45'51	2♈39	24°38	20°35	21°42	3°14	28°37	7°38	23° 5	25°27	7°32	7°38	15°43	n.a.	T 10
F 11	22 34 47	6°45'40	14°32	24° 6	21°41	22°25	3° 8	28°44	7°41	23° 4	25°29	7°21	7°35	15°50	n.a.	F 11
S 12	22 38 44	7°45'31	26°21	23°46	22°47	23° 7	3° 1	28°50	7°45	23° 4	25°31	7°13	7°32	15°57	n.a.	S 12
S 13	22 42 41	8°45'25	8♉ 9	23°D36	23°54	23°49	2°54	28°57	7°48	23° 4	25°34	7° 8	7°28	16° 4	n.a.	S 13
M14	22 46 37	9°45'21	20° 1	23°38	25° 0	24°32	2°48	29° 4	7°52	23° 4	25°36	7° 6	7°25	16°10	n.a.	M14
T 15	22 50 34	10°45'19	2♊ 1	23°50	26° 7	25°14	2°41	29°11	7°55	23° 4	25°38	7° 5	7°22	16°17	n.a.	T 15
W16	22 54 30	11°45'20	14°15	24°14	27°14	25°57	2°33	29°18	7°58	23° 3	25°41	7° 5	7°19	16°24	n.a.	W16
T 17	22 58 27	12°45'23	26°47	24°46	28°22	26°39	2°26	29°24	8° 2	23° 3	25°43	7° 4	7°16	16°30	n.a.	T 17
F 18	23 2 23	13°45'28	9♋44	25°28	29°29	27°22	2°19	29°31	8° 5	23° 3	25°46	7° 2	7°12	16°37	n.a.	F 18
S 19	23 6 20	14°45'36	23° 9	26°18	0♌37	28° 5	2°11	29°38	8° 8	23° 2	25°48	6°58	7° 9	16°44	n.a.	S 19
S 20	23 10 16	15°45'46	7♌ 3	27°15	1°45	28°48	2° 4	29°45	8°11	23° 2	25°50	6°51	7° 6	16°50	n.a.	S 20
M21	23 14 13	16°45'58	21°27	28°19	2°53	29°31	1°56	29°52	8°14	23° 1	25°53	6°41	7° 3	16°57	n.a.	M21
T 22	23 18 9	17°46'12	6♍15	29°28	4° 1	0♎13	1°49	29°59	8°18	23° 1	25°55	6°30	7° 0	17° 4	n.a.	T 22
W23	23 22 6	18°46'28	21°19	0♍42	5°10	0°56	1°41	0♎ 6	8°21	23° 0	25°58	6°18	6°57	17°10	n.a.	W23
T 24	23 26 3	19°46'46	6♎31	2° 0	6°19	1°39	1°33	0°13	8°24	23° 0	26° 0	6° 8	6°53	17°17	n.a.	T 24
F 25	23 29 59	20°47'06	21°38	3°22	7°28	2°22	1°25	0°20	8°27	22°59	26° 2	5°59	6°50	17°24	n.a.	F 25
S 26	23 33 56	21°47'27	6♏31	4°47	8°37	3° 6	1°17	0°27	8°30	22°59	26° 5	5°54	6°47	17°30	n.a.	S 26
S 27	23 37 52	22°47'51	21° 5	6°14	9°46	3°49	1° 9	0°34	8°33	22°58	26° 7	5°51	6°44	17°37	n.a.	S 27
M28	23 41 49	23°48'16	5♐14	7°43	10°56	4°32	1° 1	0°41	8°36	22°57	26°10	5°D50	6°41	17°44	n.a.	M28
T 29	23 45 45	24°48'42	19° 0	9°14	12° 5	5°15	0°53	0°48	8°39	22°57	26°12	5°R50	6°38	17°51	n.a.	T 29
W30	23 49 42	25♍49'10	2♑23	10♍46	13♌15	5♎59	0♈45	0♎55	8♌42	22♉56	26♍15	5♐50	6♐34	17♈57	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n47	22s 9	0s 0	7n16	3s 6	21n48	1s35	6n20	0n32	0n 7	1s41	3n 8	2n23	19n29	0n42	17n26	1s28	16n31	15n56	22s 9	22s 2	9n42		n.a.
W 2	12 26	22 27	1n10	7 53	2 53	21 48	1 30	6 3	0 32	0 5	1 41	3 5	2 23	19 28	0 42	17 26	1 28	16 30	15 56	22 9	22 1	9 44		n.a.
T 3	12 5	21 28	2 15	8 32	2 38	21 48	1 24	5 46	0 31	0 3	1 41	3 3	2 23	19 27	0 42	17 26	1 28	16 29	15 55	22 9	22 1	9 46		n.a.
F 4	11 44	19 22	3 13	9 13	2 22	21 46	1 19	5 29	0 31	0 0	1 41	3 0	2 23	19 26	0 42	17 26	1 28	16 27	15 55	22 8	22 0	9 48		n.a.
S 5	11 23	16 21	3 59	9 55	2 4	21 45	1 13	5 12	0 30	0s 2	1 41	2 57	2 23	19 25	0 42	17 26	1 28	16 26	15 55	22 7	22 0	9 50		n.a.
S 6	11 1	12 37	4 33	10 38	1 45	21 42	1 8	4 55	0 29	0 4	1 42	2 55	2 22	19 24	0 42	17 26	1 28	16 25	15 55	22 5	21 59	9 52		n.a.
M 7	10 39	8 23	4 53	11 19	1 25	21 39	1 3	4 37	0 29	0 7	1 42	2 52	2 22	19 23	0 42	17 26	1 29	16 24	15 54	22 3	21 58	9 55		n.a.
T 8	10 17	3 53	5 0	11 59	1 5	21 36	0 58	4 20	0 28	0 10	1 42	2 49	2 22	19 22	0 42	17 25	1 29	16 23	15 54	22 0	21 58	9 57		n.a.
W 9	9 55	0n42	4 52	12 36	0 44	21 32	0 52	4 3	0 27	0 12	1 42	2 46	2 22	19 22	0 42	17 25	1 29	16 22	15 54	21 58	21 57	9 59		n.a.
T 10	9 33	5 13	4 32	13 9	0 24	21 27	0 47	3 45	0 27	0 15	1 42	2 44	2 22	19 21	0 42	17 25	1 29	16 21	15 54	21 56	21 57	10 1		n.a.
F 11	9 11	9 30	4 0	13 38	0 5	21 22	0 42	3 28	0 26	0 18	1 42	2 41	2 22	19 20	0 42	17 25	1 29	16 19	15 54	21 54	21 56	10 3		n.a.
S 12	8 48	13 23	3 17	14 2	0n13	21 16	0 37	3 10	0 26	0 20	1 42	2 38	2 22	19 19	0 42	17 25	1 29	16 18	15 53	21 53	21 56	10 5		n.a.
S 13	8 25	16 46	2 27	14 21	0 31	21 9	0 32	2 52	0 25	0 23	1 42	2 35	2 22	19 18	0 42	17 25	1 29	16 17	15 53	21 52	21 55	10 7		n.a.
M14	8 2	19 28	1 29	14 36	0 46	21 2	0 27	2 35	0 24	0 26	1 42	2 32	2 22	19 17	0 42	17 25	1 29	16 16	15 53	21 51	21 55	10 9		n.a.
T 15	7 39	21 21	0 27	14 45	1 1	20 55	0 23	2 17	0 24	0 29	1 43	2 30	2 22	19 16	0 42	17 25	1 29	16 15	15 53	21 51	21 54	10 12		n.a.
W16	7 16	22 16	0s38	14 49	1 13	20 46	0 18	1 59	0 23	0 32	1 43	2 27	2 22	19 15	0 42	17 25	1 29	16 14	15 53	21 51	21 54	10 14		n.a.
T 17	6 53	22 6	1 42	14 48	1 25	20 37	0 13	1 42	0 22	0 35	1 43	2 24	2 22	19 15	0 42	17 25	1 29	16 13	15 52	21 51	21 53	10 16		n.a.
F 18	6 29	20 45	2 44	14 43	1 34	20 28	0 8	1 24	0 22	0 38	1 43	2 21	2 22	19 14	0 42	17 25	1 29	16 12	15 52	21 51	21 53	10 18		n.a.
S 19	6 6	18 14	3 38	14 34	1 43	20 17	0 4	1 6	0 21	0 41	1 43	2 18	2 21	19 13	0 42	17 24	1 29	16 11	15 52	21 50	21 52	10 20		n.a.
S 20	5 42	14 36	4 22	14 20	1 50	20 7	0n 1	0 48	0 21	0 44	1 43	2 15	2 21	19 12	0 42	17 24	1 29	16 10	15 52	21 49	21 52	10 22		n.a.
M21	5 19	10 1	4 51	14 3	1 55	19 55	0 5	0 30	0 20	0 47	1 43	2 13	2 21	19 11	0 42	17 24	1 29	16 8	15 52	21 47	21 51	10 24		n.a.
T 22	4 55	4 43	5 1	13 43	2 0	19 43	0 9	0 12	0 19	0 50	1 43	2 10	2 21	19 10	0 42	17 24	1 29	16 7	15 52	21 45	21 50	10 26		n.a.
W23	4 31	0s57	4 51	13 19	2 3	19 31	0 14	0s 6	0 19	0 53	1 43	2 7	2 21	19 10	0 42	17 24	1 29	16 6	15 52	21 43	21 50	10 28		n.a.
T 24	4 7	6 36	4 20	12 53	2 5	19 18	0 18	0 24	0 18	0 57	1 43	2 4	2 21	19 9	0 42	17 24	1 29	16 5	15 52	21 41	21 49	10 31		n.a.
F 25	3 43	11 49	3 31	12 24	2 6	19 4	0 22	0 42	0 17	1 0	1 43	2 1	2 21	19 8	0 42	17 23	1 29	16 4	15 52	21 40	21 49	10 33		n.a.
S 26	3 19	16 15	2 29	11 53	2 7	18 50	0 26	1 0	0 17	1 3	1 43	1 58	2 21	19 7	0 42	17 23	1 29	16 3	15 51	21 39	21 48	10 35		n.a.
S 27	2 54	19 34	1 18	11 20	2 6	18 35	0 30	1 18	0 16	1 6	1 43	1 55	2 21	19 7	0 42	17 23	1 29	16 2	15 51	21 39	21 48	10 37		n.a.
M28	2 30	21 35	0 3	10 45	2 5	18 19	0 34	1 36	0 15	1 10	1 43	1 53	2 21	19 6	0 42	17 23	1 29	16 1	15 51	21 38	21 47	10 39		n.a.
T 29	2 6	22 13	1n 9	10 8	2 3	18 3	0 38	1 54	0 15	1 13	1 43	1 50	2 21	19 5	0 42	17 23	1 29	16 0	15 51	21 38	21 47	10 41		n.a.
W30	1n41	21s33	2n16	9n30	2n 1	17n47	0n42	2s12	0n14	1s16	1s43	1n47	2n21	19n 4	0n43	17n22	1s29	15n59	15n51	21s38	21s46	10n43		n.a.

Julian Day Number = 1273139.5, Delta T = 08h15m14s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'54, Lahiri = -20°53'54 Julian Calendar 1 Sept. 1228 BCE == Greg. Calendar 21 Aug. 1228 BCE

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ASTRODIENST EPHEMERIS for the year 1228 BCE
geocentric

OCTOBER 1228 BCE (-1227) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 53 38	26♍49'39	15♉27	12♍20	14♌25	6♎42	0°R37	1♎ 2	8♌45	22°R55	26♍17	5°R49	6♐31	18♈ 4	n.a.	T 1
F 2	23 57 35	27°50'10	28°13	13°54	15°35	7°26	0♈29	1° 9	8°47	22♉54	26°20	5♐45	6°28	18°11	n.a.	F 2
S 3	0 1 32	28°50'42	10♒46	15°29	16°46	8° 9	0°20	1°16	8°50	22°54	26°22	5°38	6°25	18°17	n.a.	S 3
S 4	0 5 28	29°51'16	23° 8	17° 4	17°56	8°53	0°12	1°23	8°53	22°53	26°24	5°29	6°22	18°24	n.a.	S 4
M 5	0 9 25	0♎51'52	5♓20	18°40	19° 7	9°36	0° 4	1°30	8°56	22°52	26°27	5°17	6°18	18°31	n.a.	M 5
T 6	0 13 21	1°52'28	17°26	20°16	20°17	10°20	29♓56	1°37	8°58	22°51	26°29	5° 5	6°15	18°37	n.a.	T 6
W 7	0 17 18	2°53'07	29°25	21°52	21°28	11° 4	29°48	1°44	9° 1	22°50	26°32	4°52	6°12	18°44	n.a.	W 7
T 8	0 21 14	3°53'47	11♈19	23°29	22°39	11°47	29°39	1°51	9° 3	22°49	26°34	4°41	6° 9	18°51	n.a.	T 8
F 9	0 25 11	4°54'28	23° 9	25° 5	23°50	12°31	29°31	1°58	9° 6	22°48	26°37	4°32	6° 6	18°57	n.a.	F 9
S 10	0 29 7	5°55'12	4♉58	26°41	25° 1	13°15	29°23	2° 5	9° 9	22°47	26°39	4°25	6° 3	19° 4	n.a.	S 10
S 11	0 33 4	6°55'57	16°48	28°18	26°13	13°59	29°15	2°12	9°11	22°46	26°41	4°20	5°59	19°11	n.a.	S 11
M12	0 37 0	7°56'43	28°41	29°54	27°24	14°43	29° 7	2°19	9°13	22°45	26°44	4°D18	5°56	19°18	n.a.	M12
T 13	0 40 57	8°57'32	10♊41	1♎30	28°36	15°27	28°59	2°26	9°16	22°44	26°46	4°18	5°53	19°24	n.a.	T 13
W14	0 44 54	9°58'22	22°54	3° 6	29°48	16°11	28°51	2°33	9°18	22°43	26°49	4°19	5°50	19°31	n.a.	W14
T 15	0 48 50	10°59'13	5♋23	4°42	1♍ 0	16°55	28°43	2°40	9°20	22°41	26°51	4°R20	5°47	19°38	n.a.	T 15
F 16	0 52 47	12° 0'07	18°14	6°17	2°11	17°39	28°36	2°47	9°23	22°40	26°53	4°20	5°43	19°44	n.a.	F 16
S 17	0 56 43	13° 1'02	1♌31	7°53	3°24	18°24	28°28	2°54	9°25	22°39	26°56	4°19	5°40	19°51	n.a.	S 17
S 18	1 0 40	14° 1'58	15°17	9°28	4°36	19° 8	28°20	3° 1	9°27	22°38	26°58	4°15	5°37	19°58	n.a.	S 18
M19	1 4 36	15° 2'56	29°32	11° 3	5°48	19°52	28°13	3° 8	9°29	22°36	27° 1	4° 9	5°34	20° 4	n.a.	M19
T 20	1 8 33	16° 3'56	14♍15	12°38	7° 0	20°37	28° 5	3°15	9°31	22°35	27° 3	4° 2	5°31	20°11	n.a.	T 20
W21	1 12 29	17° 4'57	29°19	14°13	8°13	21°21	27°58	3°22	9°33	22°34	27° 5	3°54	5°28	20°18	n.a.	W21
T 22	1 16 26	18° 5'59	14♎36	15°48	9°25	22° 6	27°51	3°29	9°35	22°33	27° 8	3°47	5°24	20°24	n.a.	T 22
F 23	1 20 23	19° 7'02	29°54	17°22	10°38	22°50	27°44	3°36	9°37	22°31	27°10	3°41	5°21	20°31	n.a.	F 23
S 24	1 24 19	20° 8'07	15♏ 2	18°57	11°51	23°35	27°37	3°43	9°39	22°30	27°12	3°38	5°18	20°38	n.a.	S 24
S 25	1 28 16	21° 9'12	29°53	20°31	13° 4	24°20	27°30	3°49	9°41	22°28	27°14	3°D36	5°15	20°44	n.a.	S 25
M26	1 32 12	22°10'18	14♐18	22° 6	14°17	25° 4	27°23	3°56	9°42	22°27	27°17	3°36	5°12	20°51	n.a.	M26
T 27	1 36 9	23°11'26	28°17	23°40	15°30	25°49	27°16	4° 3	9°44	22°26	27°19	3°38	5° 9	20°58	n.a.	T 27
W28	1 40 5	24°12'33	11♉49	25°15	16°43	26°34	27°10	4°10	9°46	22°24	27°21	3°39	5° 5	21° 4	n.a.	W28
T 29	1 44 2	25°13'42	24°56	26°49	17°56	27°19	27° 4	4°17	9°47	22°23	27°23	3°R40	5° 2	21°11	n.a.	T 29
F 30	1 47 59	26°14'50	7♒41	28°23	19° 9	28° 4	26°57	4°23	9°49	22°21	27°26	3°39	4°59	21°18	n.a.	F 30
S 31	1 51 55	27♎16'00	20♒ 9	29♎58	20♍22	28♎49	26♓51	4♎30	9♌50	22♉20	27♍28	3♐37	4♐56	21♈25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	1n17	19s43	3n14	8n51	1n58	17n30	0n45	2s30	0n14	1s19	1s43	1n44	2n21	19n 4	0n43	17n22	1s29	15n58	15n51	21s38	21s46	10n45		n.a.	T 1
F 2	0 52	16 56	4 1	8 12	1 55	17 12	0 49	2 48	0 13	1 23	1 43	1 41	2 21	19 3	0 43	17 22	1 29	15 57	15 51	21 37	21 45	10 47		n.a.	F 2
S 3	0 28	13 25	4 35	7 31	1 51	16 54	0 52	3 6	0 12	1 26	1 43	1 38	2 21	19 2	0 43	17 22	1 30	15 56	15 51	21 36	21 44	10 49		n.a.	S 3
S 4	0 4	9 23	4 56	6 49	1 46	16 36	0 56	3 24	0 12	1 29	1 43	1 35	2 21	19 1	0 43	17 21	1 30	15 55	15 51	21 35	21 44	10 51		n.a.	S 4
M 5	0s21	5 1	5 3	6 7	1 42	16 16	0 59	3 42	0 11	1 32	1 43	1 33	2 21	19 1	0 43	17 21	1 30	15 54	15 51	21 32	21 43	10 53		n.a.	M 5
T 6	0 45	0 31	4 56	5 24	1 37	15 57	1 2	4 0	0 10	1 35	1 43	1 30	2 21	19 0	0 43	17 21	1 30	15 53	15 51	21 30	21 43	10 55		n.a.	T 6
W 7	1 10	3n58	4 36	4 41	1 32	15 37	1 5	4 18	0 10	1 39	1 42	1 27	2 21	18 59	0 43	17 21	1 30	15 52	15 51	21 28	21 42	10 57		n.a.	W 7
T 8	1 34	8 17	4 4	3 57	1 26	15 16	1 8	4 36	0 9	1 42	1 42	1 24	2 21	18 59	0 43	17 20	1 30	15 51	15 51	21 26	21 42	11 0		n.a.	T 8
F 9	1 59	12 15	3 22	3 13	1 21	14 55	1 11	4 54	0 8	1 45	1 42	1 21	2 21	18 58	0 43	17 20	1 30	15 50	15 51	21 24	21 41	11 2		n.a.	F 9
S 10	2 23	15 45	2 30	2 29	1 15	14 33	1 14	5 12	0 8	1 48	1 42	1 18	2 21	18 57	0 43	17 20	1 30	15 49	15 51	21 23	21 41	11 4		n.a.	S 10
S 11	2 48	18 37	1 33	1 45	1 9	14 11	1 17	5 30	0 7	1 51	1 42	1 16	2 21	18 57	0 43	17 20	1 30	15 48	15 51	21 22	21 40	11 6		n.a.	S 11
M12	3 12	20 41	0 30	1 0	1 3	13 49	1 19	5 48	0 6	1 55	1 42	1 13	2 21	18 56	0 43	17 19	1 30	15 47	15 51	21 22	21 39	11 8		n.a.	M12
T 13	3 37	21 51	0s34	0 16	0 57	13 26	1 22	6 6	0 6	1 58	1 42	1 10	2 21	18 56	0 43	17 19	1 30	15 46	15 51	21 22	21 39	11 10		n.a.	T 13
W14	4 1	22 1	1 38	0s29	0 51	13 3	1 24	6 23	0 5	2 1	1 42	1 7	2 21	18 55	0 43	17 19	1 30	15 46	15 52	21 22	21 38	11 12		n.a.	W14
T 15	4 25	21 5	2 39	1 13	0 44	12 39	1 27	6 41	0 4	2 4	1 41	1 4	2 21	18 54	0 43	17 18	1 30	15 45	15 52	21 22	21 38	11 14		n.a.	T 15
F 16	4 49	19 2	3 34	1 58	0 38	12 15	1 29	6 59	0 4	2 7	1 41	1 1	2 21	18 54	0 43	17 18	1 30	15 44	15 52	21 22	21 37	11 16		n.a.	F 16
S 17	5 13	15 57	4 19	2 42	0 31	11 51	1 31	7 17	0 3	2 10	1 41	0 59	2 21	18 53	0 43	17 18	1 30	15 43	15 52	21 22	21 37	11 18		n.a.	S 17
S 18	5 37	11 53	4 51	3 26	0 25	11 26	1 33	7 35	0 2	2 13	1 41	0 56	2 21	18 53	0 43	17 17	1 30	15 42	15 52	21 21	21 36	11 20		n.a.	S 18
M19	6 1	7 2	5 7	4 10	0 18	11 1	1 35	7 52	0 2	2 15	1 41	0 53	2 21	18 52	0 43	17 17	1 30	15 41	15 52	21 20	21 35	11 22		n.a.	M19
T 20	6 25	1 39	5 3	4 54	0 12	10 35	1 37	8 10	0 1	2 18	1 41	0 50	2 21	18 52	0 43	17 17	1 30	15 40	15 52	21 18	21 35	11 24		n.a.	T 20
W21	6 49	3s58	4 38	5 37	0 5	10 9	1 39	8 27	0 0	2 21	1 40	0 48	2 21	18 51	0 43	17 16	1 30	15 40	15 52	21 17	21 34	11 26		n.a.	W21
T 22	7 13	9 26	3 54	6 20	0s 1	9 43	1 41	8 45	0s 0	2 24	1 40	0 45	2 21	18 51	0 43	17 16	1 30	15 39	15 53	21 16	21 34	11 28		n.a.	T 22
F 23	7 36	14 18	2 52	7 3	0 8	9 16	1 42	9 2	0 1	2 26	1 40	0 42	2 21	18 50	0 43	17 15	1 30	15 38	15 53	21 14	21 33	11 30		n.a.	F 23
S 24	8 0	18 12	1 39	7 46	0 14	8 50	1 44	9 20	0 2	2 29	1 40	0 39	2 21	18 50	0 43	17 15	1 30	15 37	15 53	21 14	21 33	11 32		n.a.	S 24
S 25	8 23	20 47	0 20	8 28	0 21	8 23	1 45	9 37	0 2	2 32	1 39	0 37	2 21	18 49	0 43	17 15	1 30	15 36	15 53	21 14	21 32	11 34		n.a.	S 25
M26	8 46	21 56	0n58	9 10	0 27	7 55	1 46	9 54	0 3	2 34	1 39	0 34	2 21	18 49	0 44	17 14	1 30	15 36	15 53	21 14	21 31	11 36		n.a.	M26
T 27	9 9	21 40	2 10	9 51	0 34	7 28	1 48	10 12	0 4	2 37	1 39	0 31	2 22	18 48	0 44	17 14	1 30	15 35	15 53	21 14	21 31	11 38		n.a.	T 27
W28	9 32	20 6	3 13	10 32	0 40	7 0	1 49	10 29	0 4	2 39	1 39	0 29	2 22	18 48	0 44	17 14	1 30	15 34	15 54	21 14	21 30	11 40		n.a.	W28
T 29	9 55	17 31	4 3	11 13	0 46	6 32	1 50	10 46	0 5	2 41	1 39	0 26	2 22	18 48	0 44	17 13	1 30	15 34	15 54	21 14	21 30	11 42		n.a.	T 29
F 30	10 18	14 9	4 40	11 53	0 52	6 3	1 51	11 3	0 6	2 44	1 38	0 23	2 22	18 47	0 44	17 13	1 30	15 33	15 54	21 14	21 29	11 44		n.a.	F 30
S 31	10s40	10s14	5n 3	12s33	0s58	5n35	1n52	11s20	0s 6	2s46	1s38	0n21	2n22	18n47	0n44	17n12	1s30	15n32	15n54	21s14	21s29	11n46		n.a.	S 31

Julian Day Number = 1273169.5, Delta T = 08h15m12s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'50, Lahiri = -20°53'50 Julian Calendar 1 Oct. 1228 BCE == Greg. Calendar 20 Sept. 1228 BCE

The year -1227 astronomical counting style corresponds to year 1228 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1228 BCE
geocentric

NOVEMBER 1228 BCE (-1227) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 55 52	28♎17'10	2♓23	1♏32	21♍35	29♎34	26°R45	4♎37	9♌52	22°R18	27♍30	3°R33	4♐53	21♈31	n.a.	S 1
M 2	1 59 48	29°18'20	14°27	3° 7	22°49	0♏19	26♓40	4°43	9°53	22♉17	27°32	3♐27	4°49	21°38	n.a.	M 2
T 3	2 3 45	0♏19'31	26°24	4°41	24° 2	1° 4	26°34	4°50	9°54	22°15	27°34	3°21	4°46	21°45	n.a.	T 3
W 4	2 7 41	1°20'43	8♈16	6°16	25°16	1°49	26°28	4°57	9°56	22°14	27°37	3°14	4°43	21°51	n.a.	W 4
T 5	2 11 38	2°21'55	20° 7	7°50	26°29	2°34	26°23	5° 3	9°57	22°12	27°39	3° 9	4°40	21°58	n.a.	T 5
F 6	2 15 34	3°23'07	1♉57	9°25	27°43	3°19	26°18	5°10	9°58	22°10	27°41	3° 4	4°37	22° 5	n.a.	F 6
S 7	2 19 31	4°24'21	13°49	11° 0	28°57	4° 5	26°13	5°16	9°59	22° 9	27°43	3° 1	4°34	22°11	n.a.	S 7
S 8	2 23 28	5°25'34	25°44	12°35	0♎10	4°50	26° 8	5°22	10° 0	22° 7	27°45	2°59	4°30	22°18	n.a.	S 8
M 9	2 27 24	6°26'49	7♊44	14°10	1°24	5°35	26° 4	5°29	10° 1	22° 6	27°47	2°D59	4°27	22°25	n.a.	M 9
T 10	2 31 21	7°28'04	19°52	15°45	2°38	6°21	25°59	5°35	10° 2	22° 4	27°49	3° 0	4°24	22°31	n.a.	T 10
W11	2 35 17	8°29'20	2♋12	17°20	3°52	7° 6	25°55	5°42	10° 3	22° 2	27°51	3° 2	4°21	22°38	n.a.	W11
T 12	2 39 14	9°30'36	14°45	18°56	5° 6	7°52	25°51	5°48	10° 4	22° 1	27°53	3° 3	4°18	22°45	n.a.	T 12
F 13	2 43 10	10°31'53	27°36	20°31	6°20	8°37	25°47	5°54	10° 5	21°59	27°55	3° 5	4°15	22°51	n.a.	F 13
S 14	2 47 7	11°33'10	10♌48	22° 7	7°34	9°23	25°44	6° 0	10° 6	21°57	27°57	3°R 5	4°11	22°58	n.a.	S 14
S 15	2 51 3	12°34'28	24°24	23°42	8°48	10° 8	25°40	6° 6	10° 6	21°56	27°59	3° 5	4° 8	23° 5	n.a.	S 15
M16	2 55 0	13°35'47	8♍25	25°17	10° 2	10°54	25°37	6°12	10° 7	21°54	28° 1	3° 4	4° 5	23°11	n.a.	M16
T 17	2 58 57	14°37'06	22°50	26°53	11°16	11°40	25°34	6°18	10° 7	21°52	28° 2	3° 1	4° 2	23°18	n.a.	T 17
W18	3 2 53	15°38'25	7♎36	28°28	12°30	12°25	25°31	6°24	10° 8	21°51	28° 4	2°59	3°59	23°25	n.a.	W18
T 19	3 6 50	16°39'45	22°38	0♐ 3	13°44	13°11	25°28	6°30	10° 8	21°49	28° 6	2°57	3°55	23°31	n.a.	T 19
F 20	3 10 46	17°41'04	7♏47	1°37	14°58	13°57	25°26	6°36	10° 9	21°47	28° 8	2°55	3°52	23°38	n.a.	F 20
S 21	3 14 43	18°42'24	22°53	3°11	16°13	14°43	25°24	6°42	10° 9	21°46	28°10	2°54	3°49	23°45	n.a.	S 21
S 22	3 18 39	19°43'44	7♐48	4°45	17°27	15°29	25°22	6°48	10° 9	21°44	28°11	2°D54	3°46	23°51	n.a.	S 22
M23	3 22 36	20°45'04	22°23	6°18	18°41	16°15	25°20	6°54	10° 9	21°42	28°13	2°55	3°43	23°58	n.a.	M23
T 24	3 26 33	21°46'24	6♑33	7°50	19°56	17° 1	25°18	6°59	10°10	21°40	28°15	2°55	3°40	24° 5	n.a.	T 24
W25	3 30 29	22°47'43	20°16	9°20	21°10	17°47	25°17	7° 5	10°10	21°39	28°16	2°56	3°36	24°12	n.a.	W25
T 26	3 34 26	23°49'01	3♒33	10°49	22°24	18°33	25°16	7°11	10°R10	21°37	28°18	2°57	3°33	24°18	n.a.	T 26
F 27	3 38 22	24°50'19	16°25	12°17	23°39	19°19	25°15	7°16	10°10	21°35	28°19	2°58	3°30	24°25	n.a.	F 27
S 28	3 42 19	25°51'37	28°56	13°42	24°53	20° 5	25°14	7°22	10°10	21°34	28°21	2°R58	3°27	24°32	n.a.	S 28
S 29	3 46 15	26°52'54	11♓10	15° 5	26° 8	20°51	25°13	7°27	10°10	21°32	28°23	2°58	3°24	24°38	n.a.	S 29
M30	3 50 12	27♏54'10	23♓11	16♐24	27♎22	21♏37	25♓13	7♎32	10♌ 9	21♉30	28♍24	2♐57	3♐20	24♈45	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11 s 2	5 s58	5n11	13 s12	1 s 3	5n 6	1n52	11 s37	0 s 7	2 s48	1 s38	0n18	2n22	18n47	0n44	17n12	1 s30	15n32	15n55	21 s13	21 s28	11n48		n.a.
M 2	11 25	1 32	5 6	13 50	1 9	4 37	1 53	11 53	0 8	2 50	1 37	0 16	2 22	18 46	0 44	17 12	1 30	15 31	15 55	21 12	21 27	11 50		n.a.
T 3	11 46	2n55	4 47	14 28	1 15	4 8	1 54	12 10	0 8	2 52	1 37	0 13	2 22	18 46	0 44	17 11	1 30	15 30	15 55	21 11	21 27	11 52		n.a.
W 4	12 8	7 14	4 16	15 5	1 20	3 39	1 54	12 26	0 9	2 54	1 37	0 10	2 22	18 46	0 44	17 11	1 30	15 30	15 55	21 9	21 26	11 54		n.a.
T 5	12 30	11 16	3 33	15 42	1 25	3 10	1 54	12 43	0 10	2 56	1 37	0 8	2 22	18 45	0 44	17 10	1 30	15 29	15 56	21 8	21 26	11 56		n.a.
F 6	12 51	14 53	2 42	16 17	1 30	2 40	1 55	12 59	0 10	2 58	1 36	0 5	2 22	18 45	0 44	17 10	1 30	15 28	15 56	21 7	21 25	11 58		n.a.
S 7	13 12	17 53	1 43	16 52	1 35	2 11	1 55	13 16	0 11	2 59	1 36	0 3	2 22	18 45	0 44	17 9	1 30	15 28	15 56	21 7	21 24	11 59		n.a.
S 8	13 33	20 9	0 40	17 27	1 39	1 41	1 55	13 32	0 12	3 1	1 36	0 0	2 23	18 44	0 44	17 9	1 30	15 27	15 56	21 6	21 24	12 1		n.a.
M 9	13 54	21 32	0 s26	18 0	1 43	1 11	1 55	13 48	0 12	3 3	1 35	0 s 2	2 23	18 44	0 44	17 9	1 30	15 27	15 57	21 6	21 23	12 3		n.a.
T 10	14 14	21 55	1 32	18 32	1 47	0 41	1 55	14 4	0 13	3 4	1 35	0 5	2 23	18 44	0 44	17 8	1 30	15 26	15 57	21 6	21 23	12 5		n.a.
W11	14 34	21 15	2 34	19 4	1 51	0 11	1 55	14 19	0 13	3 6	1 35	0 7	2 23	18 44	0 44	17 8	1 30	15 26	15 57	21 7	21 22	12 7		n.a.
T 12	14 54	19 31	3 30	19 35	1 55	0 s19	1 54	14 35	0 14	3 7	1 35	0 9	2 23	18 44	0 44	17 7	1 30	15 25	15 58	21 7	21 21	12 9		n.a.
F 13	15 14	16 47	4 17	20 4	1 58	0 49	1 54	14 51	0 15	3 8	1 34	0 12	2 23	18 43	0 44	17 7	1 30	15 25	15 58	21 7	21 21	12 11		n.a.
S 14	15 33	13 8	4 52	20 33	2 1	1 19	1 54	15 6	0 15	3 9	1 34	0 14	2 23	18 43	0 44	17 6	1 30	15 24	15 58	21 8	21 20	12 13		n.a.
S 15	15 52	8 42	5 12	21 0	2 3	1 49	1 53	15 21	0 16	3 10	1 34	0 17	2 23	18 43	0 44	17 6	1 30	15 24	15 59	21 7	21 20	12 15		n.a.
M16	16 11	3 42	5 15	21 26	2 5	2 19	1 52	15 37	0 17	3 12	1 33	0 19	2 23	18 43	0 44	17 6	1 30	15 23	15 59	21 7	21 19	12 17		n.a.
T 17	16 30	1 s39	4 57	21 51	2 7	2 49	1 52	15 52	0 17	3 12	1 33	0 21	2 24	18 43	0 44	17 5	1 30	15 23	15 59	21 7	21 18	12 19		n.a.
W18	16 48	7 2	4 20	22 14	2 8	3 19	1 51	16 7	0 18	3 13	1 33	0 24	2 24	18 43	0 45	17 5	1 30	15 22	16 0	21 6	21 18	12 21		n.a.
T 19	17 6	12 7	3 25	22 36	2 9	3 49	1 50	16 21	0 19	3 14	1 32	0 26	2 24	18 43	0 45	17 4	1 30	15 22	16 0	21 6	21 17	12 23		n.a.
F 20	17 23	16 27	2 15	22 57	2 10	4 19	1 49	16 36	0 19	3 15	1 32	0 28	2 24	18 43	0 45	17 4	1 30	15 22	16 0	21 5	21 17	12 25		n.a.
S 21	17 41	19 42	0 55	23 16	2 10	4 49	1 48	16 50	0 20	3 15	1 32	0 30	2 24	18 43	0 45	17 3	1 30	15 21	16 1	21 5	21 16	12 26		n.a.
S 22	17 58	21 32	0n27	23 33	2 9	5 19	1 47	17 5	0 21	3 16	1 31	0 32	2 24	18 43	0 45	17 3	1 30	15 21	16 1	21 5	21 15	12 28		n.a.
M23	18 14	21 51	1 46	23 49	2 7	5 49	1 46	17 19	0 21	3 16	1 31	0 35	2 24	18 43	0 45	17 3	1 30	15 21	16 2	21 5	21 15	12 30		n.a.
T 24	18 31	20 45	2 56	24 3	2 6	6 18	1 45	17 33	0 22	3 17	1 31	0 37	2 25	18 43	0 45	17 2	1 30	15 20	16 2	21 6	21 14	12 32		n.a.
W25	18 47	18 26	3 54	24 15	2 3	6 48	1 44	17 47	0 23	3 17	1 30	0 39	2 25	18 43	0 45	17 2	1 30	15 20	16 2	21 6	21 14	12 34		n.a.
T 26	19 2	15 12	4 37	24 25	1 59	7 17	1 42	18 0	0 23	3 17	1 30	0 41	2 25	18 43	0 45	17 1	1 30	15 20	16 3	21 6	21 13	12 36		n.a.
F 27	19 18	11 21	5 5	24 33	1 55	7 46	1 41	18 14	0 24	3 17	1 29	0 43	2 25	18 43	0 45	17 1	1 30	15 19	16 3	21 6	21 12	12 38		n.a.
S 28	19 33	7 6	5 17	24 39	1 50	8 15	1 39	18 27	0 25	3 17	1 29	0 45	2 25	18 43	0 45	17 0	1 30	15 19	16 4	21 6	21 12	12 40		n.a.
S 29	19 47	2 40	5 14	24 43	1 44	8 44	1 38	18 40	0 25	3 17	1 29	0 47	2 25	18 43	0 45	17 0	1 30	15 19	16 4	21 6	21 11	12 41		n.a.
M30	20 s 1	1n48	4n58	24 s45	1 s38	9 s13	1n36	18 s53	0 s26	3 s17	1 s28	0 s49	2n26	18n43	0n45	17n 0	1 s30	15n19	16n 4	21 s 6	21 s10	12n43		n.a.

Julian Day Number = 1273200.5, Delta T = 08h15m11s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'46, Lahiri = -20°53'46 Julian Calendar 1 Nov. 1228 BCE == Greg. Calendar 21 Oct. 1228 BCE

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ASTRODIENST EPHEMERIS for the year 1228 BCE
geocentric

DECEMBER 1228 BCE (-1227) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 54 8	28♏55'25	5♈ 5	17♐40	28♎36	22♏24	25°D13	7♎37	10°R 9	21°R29	28♍26	2°R57	3♐17	24♈52	n.a.	T 1
W 2	3 58 5	29°56'40	16°54	18°52	29°51	23°10	25♓13	7°43	10♌ 9	21♉27	28°27	2♐56	3°14	24°58	n.a.	W 2
T 3	4 2 2	0♐57'54	28°43	19°59	1♏ 5	23°56	25°13	7°48	10° 8	21°25	28°28	2°56	3°11	25° 5	n.a.	T 3
F 4	4 5 58	1°59'08	10♉35	21° 0	2°20	24°42	25°13	7°53	10° 8	21°24	28°30	2°56	3° 8	25°12	n.a.	F 4
S 5	4 9 55	3° 0'21	22°32	21°55	3°34	25°29	25°14	7°58	10° 8	21°22	28°31	2°D56	3° 5	25°18	n.a.	S 5
S 6	4 13 51	4° 1'33	4♊36	22°42	4°49	26°15	25°15	8° 3	10° 7	21°20	28°32	2°R56	3° 1	25°25	n.a.	S 6
M 7	4 17 48	5° 2'45	16°49	23°21	6° 3	27° 2	25°16	8° 8	10° 6	21°19	28°34	2°56	2°58	25°32	n.a.	M 7
T 8	4 21 44	6° 3'56	29°13	23°50	7°18	27°48	25°17	8°12	10° 6	21°17	28°35	2°55	2°55	25°38	n.a.	T 8
W 9	4 25 41	7° 5'07	11♋48	24°10	8°32	28°34	25°19	8°17	10° 5	21°15	28°36	2°55	2°52	25°45	n.a.	W 9
T 10	4 29 38	8° 6'17	24°36	24°R19	9°47	29°21	25°20	8°22	10° 4	21°14	28°37	2°54	2°49	25°52	n.a.	T 10
F 11	4 33 34	9° 7'26	7♌39	24°17	11° 2	0♐ 7	25°22	8°26	10° 4	21°12	28°39	2°54	2°46	25°58	n.a.	F 11
S 12	4 37 31	10° 8'35	20°57	24° 3	12°16	0°54	25°24	8°31	10° 3	21°10	28°40	2°53	2°42	26° 5	n.a.	S 12
S 13	4 41 27	11° 9'43	4♍32	23°38	13°31	1°41	25°27	8°35	10° 2	21° 9	28°41	2°52	2°39	26°12	n.a.	S 13
M14	4 45 24	12°10'50	18°23	23° 1	14°45	2°27	25°29	8°40	10° 1	21° 7	28°42	2°D52	2°36	26°18	n.a.	M14
T 15	4 49 20	13°11'57	2♎32	22°14	16° 0	3°14	25°32	8°44	10° 0	21° 6	28°43	2°53	2°33	26°25	n.a.	T 15
W16	4 53 17	14°13'03	16°56	21°17	17°15	4° 0	25°35	8°48	9°59	21° 4	28°44	2°54	2°30	26°32	n.a.	W16
T 17	4 57 13	15°14'08	1♏32	20°13	18°29	4°47	25°38	8°52	9°58	21° 3	28°45	2°55	2°26	26°38	n.a.	T 17
F 18	5 1 10	16°15'13	16°16	19° 2	19°44	5°34	25°41	8°56	9°57	21° 1	28°46	2°56	2°23	26°45	n.a.	F 18
S 19	5 5 7	17°16'17	1♐ 1	17°48	20°58	6°21	25°44	9° 0	9°55	21° 0	28°47	2°R56	2°20	26°52	n.a.	S 19
S 20	5 9 3	18°17'19	15°41	16°33	22°13	7° 7	25°48	9° 4	9°54	20°58	28°47	2°56	2°17	26°58	n.a.	S 20
M21	5 13 0	19°18'21	0♑ 9	15°18	23°28	7°54	25°52	9° 8	9°53	20°57	28°48	2°55	2°14	27° 5	n.a.	M21
T 22	5 16 56	20°19'21	14°18	14° 6	24°42	8°41	25°56	9°12	9°51	20°55	28°49	2°53	2°11	27°12	n.a.	T 22
W23	5 20 53	21°20'20	28° 5	12°59	25°57	9°28	26° 0	9°15	9°50	20°54	28°50	2°50	2° 7	27°18	n.a.	W23
T 24	5 24 49	22°21'18	11♒28	11°58	27°11	10°15	26° 5	9°19	9°49	20°52	28°50	2°47	2° 4	27°25	n.a.	T 24
F 25	5 28 46	23°22'14	24°27	11° 4	28°26	11° 1	26° 9	9°22	9°47	20°51	28°51	2°44	2° 1	27°32	n.a.	F 25
S 26	5 32 43	24°23'08	7♓ 3	10°17	29°41	11°48	26°14	9°25	9°46	20°50	28°52	2°42	1°58	27°38	n.a.	S 26
S 27	5 36 39	25°24'01	19°20	9°39	0♐55	12°35	26°19	9°29	9°44	20°48	28°52	2°41	1°55	27°45	n.a.	S 27
M28	5 40 36	26°24'52	1♈24	9°10	2°10	13°22	26°24	9°32	9°42	20°47	28°53	2°D41	1°52	27°52	n.a.	M28
T 29	5 44 32	27°25'41	13°17	8°49	3°24	14° 9	26°29	9°35	9°41	20°46	28°53	2°42	1°48	27°58	n.a.	T 29
W30	5 48 29	28°26'29	25° 6	8°36	4°39	14°56	26°35	9°38	9°39	20°44	28°54	2°44	1°45	28° 5	n.a.	W30
T 31	5 52 25	29♐27'14	6♉56	8°D31	5♐53	15♐43	26♓41	9♎41	9♌37	20♉43	28♍54	2♐46	1♐42	28♈12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s15	6n 9	4n29	24s45	1s30	9s41	1n34	19s 6	0s27	3s17	1s28	0s51	2n26	18n43	0n45	16n59	1s30	15n19	16n 5	21s 6	21s10	12n45		n.a.
W 2	20 29	10 16	3 49	24 42	1 21	10 10	1 33	19 19	0 27	3 16	1 28	0 53	2 26	18 43	0 45	16 59	1 30	15 18	16 5	21 6	21 9	12 47		n.a.
T 3	20 42	13 59	2 59	24 38	1 11	10 38	1 31	19 31	0 28	3 16	1 27	0 55	2 26	18 43	0 45	16 58	1 30	15 18	16 6	21 6	21 9	12 49		n.a.
F 4	20 54	17 9	2 1	24 31	1 0	11 5	1 29	19 43	0 29	3 15	1 27	0 57	2 26	18 43	0 45	16 58	1 30	15 18	16 6	21 6	21 8	12 51		n.a.
S 5	21 6	19 38	0 57	24 23	0 47	11 33	1 27	19 55	0 29	3 15	1 27	0 58	2 26	18 44	0 45	16 57	1 30	15 18	16 7	21 6	21 7	12 53		n.a.
S 6	21 18	21 16	0s 9	24 12	0 34	12 0	1 25	20 7	0 30	3 14	1 26	1 0	2 27	18 44	0 45	16 57	1 30	15 18	16 7	21 6	21 7	12 54		n.a.
M 7	21 30	21 54	1 16	24 0	0 19	12 27	1 23	20 19	0 30	3 13	1 26	1 2	2 27	18 44	0 45	16 57	1 30	15 18	16 8	21 6	21 6	12 56		n.a.
T 8	21 41	21 29	2 21	23 45	0 4	12 54	1 21	20 30	0 31	3 13	1 26	1 4	2 27	18 44	0 45	16 56	1 30	15 18	16 8	21 6	21 5	12 58		n.a.
W 9	21 51	19 59	3 20	23 30	0n13	13 20	1 19	20 41	0 32	3 12	1 25	1 6	2 27	18 44	0 45	16 56	1 30	15 18	16 8	21 5	21 5	13 0		n.a.
T 10	22 2	17 28	4 9	23 12	0 31	13 46	1 17	20 52	0 32	3 11	1 25	1 7	2 27	18 45	0 46	16 55	1 30	15 18	16 9	21 5	21 4	13 2		n.a.
F 11	22 11	14 2	4 47	22 54	0 49	14 12	1 15	21 3	0 33	3 10	1 25	1 9	2 28	18 45	0 46	16 55	1 30	15 18	16 9	21 5	21 4	13 4		n.a.
S 12	22 21	9 51	5 11	22 34	1 8	14 37	1 13	21 14	0 34	3 8	1 24	1 10	2 28	18 45	0 46	16 55	1 30	15 17	16 10	21 5	21 3	13 6		n.a.
S 13	22 29	5 6	5 17	22 14	1 27	15 2	1 10	21 24	0 34	3 7	1 24	1 12	2 28	18 46	0 46	16 54	1 30	15 17	16 10	21 5	21 2	13 7		n.a.
M14	22 38	0s 1	5 6	21 53	1 46	15 27	1 8	21 34	0 35	3 6	1 24	1 14	2 28	18 46	0 46	16 54	1 30	15 18	16 11	21 5	21 2	13 9		n.a.
T 15	22 46	5 14	4 36	21 32	2 5	15 51	1 6	21 44	0 35	3 4	1 23	1 15	2 28	18 46	0 46	16 53	1 30	15 18	16 11	21 5	21 1	13 11		n.a.
W16	22 53	10 16	3 48	21 10	2 23	16 15	1 3	21 53	0 36	3 3	1 23	1 17	2 29	18 46	0 46	16 53	1 30	15 18	16 12	21 5	21 0	13 13		n.a.
T 17	23 0	14 47	2 46	20 49	2 40	16 38	1 1	22 3	0 37	3 1	1 23	1 18	2 29	18 47	0 46	16 53	1 30	15 18	16 12	21 5	21 0	13 15		n.a.
F 18	23 7	18 26	1 31	20 29	2 55	17 1	0 59	22 12	0 37	3 0	1 22	1 19	2 29	18 47	0 46	16 52	1 30	15 18	16 13	21 6	20 59	13 16		n.a.
S 19	23 13	20 53	0 11	20 9	3 8	17 24	0 56	22 21	0 38	2 58	1 22	1 21	2 29	18 48	0 46	16 52	1 30	15 18	16 13	21 6	20 59	13 18		n.a.
S 20	23 19	21 54	1n10	19 51	3 18	17 46	0 54	22 30	0 38	2 56	1 22	1 22	2 29	18 48	0 46	16 51	1 30	15 18	16 14	21 6	20 58	13 20		n.a.
M21	23 24	21 25	2 25	19 35	3 27	18 8	0 51	22 38	0 39	2 54	1 21	1 24	2 30	18 48	0 46	16 51	1 30	15 18	16 14	21 5	20 57	13 22		n.a.
T 22	23 29	19 35	3 29	19 21	3 33	18 29	0 49	22 46	0 40	2 52	1 21	1 25	2 30	18 49	0 46	16 51	1 30	15 18	16 15	21 5	20 57	13 24		n.a.
W23	23 33	16 39	4 20	19 9	3 37	18 49	0 46	22 54	0 40	2 50	1 20	1 26	2 30	18 49	0 46	16 50	1 30	15 18	16 15	21 4	20 56	13 25		n.a.
T 24	23 37	12 55	4 54	19 0	3 38	19 9	0 43	23 2	0 41	2 48	1 20	1 27	2 30	18 50	0 46	16 50	1 30	15 19	16 16	21 4	20 55	13 27		n.a.
F 25	23 40	8 41	5 12	18 53	3 37	19 29	0 41	23 9	0 41	2 46	1 20	1 28	2 30	18 50	0 46	16 50	1 29	15 19	16 16	21 3	20 55	13 29		n.a.
S 26	23 43	4 12	5 15	18 49	3 35	19 48	0 38	23 16	0 42	2 44	1 20	1 30	2 31	18 51	0 46	16 49	1 29	15 19	16 17	21 3	20 54	13 31		n.a.
S 27	23 45	0n20	5 2	18 48	3 31	20 6	0 36	23 23	0 43	2 42	1 19	1 31	2 31	18 51	0 46	16 49	1 29	15 19	16 18	21 3	20 53	13 32		n.a.
M28	23 47	4 47	4 37	18 49	3 25	20 24	0 33	23 30	0 43	2 39	1 19	1 32	2 31	18 51	0 46	16 49	1 29	15 20	16 18	21 3	20 53	13 34		n.a.
T 29	23 49	9 0	4 0	18 53	3 18	20 41	0 30	23 36	0 44	2 37	1 19	1 33	2 31	18 52	0 46	16 48	1 29	15 20	16 19	21 3	20 52	13 36		n.a.
W30	23 50	12 51	3 13	18 59	3 10	20 58	0 28	23 42	0 44	2 34	1 18	1 34	2 32	18 52	0 46	16 48	1 29	15 20	16 19	21 3	20 51	13 38		n.a.
T 31	23s50	16n13	2n18	19s 7	3n 1	21s14	0n25	23s48	0s45	2s32	1s18	1s35	2n32	18n53	0n46	16n48	1s29	15n20	16n20	21s 4	20s51	13n40		n.a.

Julian Day Number = 1273230.5, Delta T = 08h15m09s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'42, Lahiri = -20°53'41 Julian Calendar 1 Dec. 1228 BCE == Greg. Calendar 20 Nov. 1228 BCE

The year -1227 astronomical counting style corresponds to year 1228 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1227 BCE
geocentric

JANUARY 1227 BCE (-1226) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 56 22	0♉27'59	18♉50	8♐34	7♐ 8	16♐30	26♓46	9♎44	9°R35	20°R42	28♍55	2♐47	1♐39	28♈18	n.a.	F 1
S 2	6 0 18	1°28'41	0♊52	8°43	8°23	17°17	26°52	9°46	9♎34	20♉41	28°55	2°R48	1°36	28°25	n.a.	S 2
S 3	6 4 15	2°29'22	13° 6	8°59	9°37	18° 4	26°59	9°49	9°32	20°39	28°56	2°48	1°32	28°32	n.a.	S 3
M 4	6 8 12	3°30'01	25°33	9°21	10°52	18°51	27° 5	9°52	9°30	20°38	28°56	2°46	1°29	28°38	n.a.	M 4
T 5	6 12 8	4°30'39	8♋16	9°49	12° 6	19°38	27°11	9°54	9°28	20°37	28°56	2°42	1°26	28°45	n.a.	T 5
W 6	6 16 5	5°31'15	21°13	10°21	13°21	20°25	27°18	9°56	9°26	20°36	28°56	2°37	1°23	28°52	n.a.	W 6
T 7	6 20 1	6°31'49	4♌25	10°59	14°35	21°12	27°25	9°59	9°24	20°35	28°57	2°31	1°20	28°58	n.a.	T 7
F 8	6 23 58	7°32'21	17°50	11°40	15°50	21°59	27°32	10° 1	9°22	20°34	28°57	2°26	1°17	29° 5	n.a.	F 8
S 9	6 27 54	8°32'52	1♍27	12°26	17° 4	22°46	27°39	10° 3	9°20	20°33	28°57	2°20	1°13	29°12	n.a.	S 9
S 10	6 31 51	9°33'22	15°14	13°15	18°19	23°33	27°46	10° 5	9°18	20°32	28°57	2°16	1°10	29°18	n.a.	S 10
M11	6 35 47	10°33'50	29° 9	14° 8	19°33	24°20	27°54	10° 7	9°15	20°31	28°57	2°14	1° 7	29°25	n.a.	M11
T 12	6 39 44	11°34'16	13♎13	15° 4	20°48	25° 7	28° 1	10° 9	9°13	20°30	28°R57	2°D13	1° 4	29°32	n.a.	T 12
W13	6 43 41	12°34'41	27°22	16° 3	22° 2	25°54	28° 9	10°10	9°11	20°29	28°57	2°14	1° 1	29°38	n.a.	W13
T 14	6 47 37	13°35'05	11♏36	17° 4	23°17	26°41	28°17	10°12	9° 9	20°28	28°57	2°16	0°58	29°45	n.a.	T 14
F 15	6 51 34	14°35'27	25°53	18° 8	24°31	27°28	28°25	10°13	9° 6	20°27	28°57	2°R17	0°54	29°52	n.a.	F 15
S 16	6 55 30	15°35'48	10♐10	19°14	25°46	28°15	28°33	10°15	9° 4	20°26	28°57	2°16	0°51	29°59	n.a.	S 16
S 17	6 59 27	16°36'06	24°23	20°23	27° 0	29° 2	28°41	10°16	9° 2	20°26	28°57	2°14	0°48	0♉ 5	n.a.	S 17
M18	7 3 23	17°36'23	8♑29	21°33	28°15	29°49	28°50	10°17	8°59	20°25	28°56	2°10	0°45	0°12	n.a.	M18
T 19	7 7 20	18°36'38	22°22	22°45	29°29	0♑36	28°58	10°18	8°57	20°24	28°56	2° 4	0°42	0°19	n.a.	T 19
W20	7 11 16	19°36'51	5♒59	23°59	0♑44	1°23	29° 7	10°19	8°55	20°23	28°56	1°56	0°38	0°25	n.a.	W20
T 21	7 15 13	20°37'02	19°16	25°15	1°58	2°10	29°16	10°20	8°52	20°23	28°56	1°47	0°35	0°32	n.a.	T 21
F 22	7 19 10	21°37'11	2♓14	26°33	3°12	2°58	29°25	10°21	8°50	20°22	28°55	1°38	0°32	0°39	n.a.	F 22
S 23	7 23 6	22°37'17	14°51	27°52	4°27	3°45	29°34	10°22	8°47	20°21	28°55	1°31	0°29	0°45	n.a.	S 23
S 24	7 27 3	23°37'21	27°10	29°12	5°41	4°32	29°43	10°22	8°45	20°21	28°55	1°25	0°26	0°52	n.a.	S 24
M25	7 30 59	24°37'23	9♈15	0♑34	6°56	5°19	29°52	10°23	8°42	20°20	28°54	1°22	0°23	0°58	n.a.	M25
T 26	7 34 56	25°37'23	21° 9	1°57	8°10	6° 6	0♈ 2	10°23	8°40	20°20	28°54	1°D20	0°19	1° 5	n.a.	T 26
W27	7 38 52	26°37'20	2♉58	3°22	9°24	6°53	0°11	10°23	8°37	20°19	28°53	1°20	0°16	1°12	n.a.	W27
T 28	7 42 49	27°37'15	14°48	4°48	10°39	7°40	0°21	10°24	8°35	20°19	28°53	1°21	0°13	1°18	n.a.	T 28
F 29	7 46 45	28°37'08	26°43	6°15	11°53	8°27	0°31	10°R24	8°32	20°18	28°52	1°R22	0°10	1°25	n.a.	F 29
S 30	7 50 42	29°36'58	8♊49	7°44	13° 8	9°14	0°41	10°24	8°30	20°18	28°51	1°22	0° 7	1°32	n.a.	S 30
S 31	7 54 38	0♒36'47	21♊ 9	9♑14	14♑22	10♑ 1	0♈51	10♎23	8♌27	20♉18	28♍51	1♐20	0♐ 4	1♉38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s50	18n56	1n16	19s16	2n52	21s30	0n22	23s54	0s45	2s29	1s18	1s36	2n32	18n53	0n46	16n48	1s29	15n21	16n20	21s 4	20s50	13n41		n.a.
S 2	23 50	20 51	0 11	19 27	2 42	21 45	0 20	23 59	0 46	2 26	1 17	1 36	2 32	18 54	0 46	16 47	1 29	15 21	16 21	21 4	20 49	13 43		n.a.
S 3	23 49	21 49	0s56	19 40	2 32	21 59	0 17	24 4	0 47	2 24	1 17	1 37	2 33	18 55	0 46	16 47	1 29	15 21	16 21	21 4	20 49	13 45		n.a.
M 4	23 47	21 44	2 2	19 54	2 21	22 12	0 14	24 9	0 47	2 21	1 17	1 38	2 33	18 55	0 46	16 47	1 29	15 22	16 22	21 4	20 48	13 47		n.a.
T 5	23 46	20 33	3 2	20 8	2 11	22 25	0 12	24 13	0 48	2 18	1 16	1 39	2 33	18 56	0 47	16 47	1 29	15 22	16 22	21 3	20 48	13 48		n.a.
W 6	23 43	18 17	3 54	20 24	2 0	22 38	0 9	24 17	0 48	2 15	1 16	1 39	2 33	18 56	0 47	16 46	1 29	15 22	16 23	21 2	20 47	13 50		n.a.
T 7	23 40	15 2	4 35	20 40	1 49	22 49	0 7	24 21	0 49	2 12	1 16	1 40	2 34	18 57	0 47	16 46	1 29	15 23	16 23	21 1	20 46	13 52		n.a.
F 8	23 37	10 58	5 1	20 56	1 38	23 0	0 4	24 25	0 49	2 9	1 15	1 41	2 34	18 57	0 47	16 46	1 29	15 23	16 24	21 0	20 46	13 53		n.a.
S 9	23 33	6 18	5 11	21 13	1 27	23 11	0 1	24 28	0 50	2 6	1 15	1 41	2 34	18 58	0 47	16 46	1 29	15 24	16 24	20 59	20 45	13 55		n.a.
S 10	23 29	1 16	5 3	21 30	1 17	23 20	0s 1	24 31	0 50	2 3	1 15	1 42	2 34	18 59	0 47	16 45	1 29	15 24	16 25	20 58	20 44	13 57		n.a.
M11	23 25	3s54	4 38	21 47	1 6	23 29	0 4	24 34	0 51	1 59	1 15	1 42	2 34	18 59	0 47	16 45	1 29	15 25	16 25	20 57	20 44	13 59		n.a.
T 12	23 20	8 54	3 55	22 4	0 56	23 37	0 6	24 36	0 51	1 56	1 14	1 43	2 35	19 0	0 47	16 45	1 29	15 25	16 26	20 57	20 43	14 0		n.a.
W13	23 14	13 28	2 58	22 20	0 46	23 45	0 9	24 38	0 52	1 53	1 14	1 43	2 35	19 0	0 47	16 45	1 29	15 25	16 26	20 57	20 42	14 2		n.a.
T 14	23 8	17 18	1 50	22 37	0 36	23 51	0 12	24 40	0 52	1 49	1 14	1 44	2 35	19 1	0 47	16 44	1 29	15 26	16 27	20 58	20 42	14 4		n.a.
F 15	23 1	20 7	0 35	22 52	0 26	23 58	0 14	24 42	0 53	1 46	1 13	1 44	2 35	19 2	0 47	16 44	1 29	15 26	16 27	20 58	20 41	14 5		n.a.
S 16	22 55	21 39	0n43	23 8	0 16	24 3	0 17	24 43	0 53	1 42	1 13	1 44	2 36	19 2	0 47	16 44	1 28	15 27	16 28	20 58	20 40	14 7		n.a.
S 17	22 47	21 46	1 57	23 22	0 7	24 7	0 19	24 44	0 54	1 38	1 13	1 45	2 36	19 3	0 47	16 44	1 28	15 27	16 28	20 57	20 40	14 9		n.a.
M18	22 39	20 31	3 3	23 36	0s 2	24 11	0 22	24 45	0 54	1 35	1 13	1 45	2 36	19 4	0 47	16 44	1 28	15 28	16 29	20 57	20 39	14 11		n.a.
T 19	22 31	18 3	3 57	23 49	0 11	24 14	0 24	24 45	0 55	1 31	1 12	1 45	2 36	19 4	0 47	16 44	1 28	15 29	16 29	20 55	20 38	14 12		n.a.
W20	22 23	14 37	4 37	24 2	0 20	24 17	0 26	24 45	0 55	1 27	1 12	1 45	2 37	19 5	0 47	16 44	1 28	15 29	16 30	20 54	20 38	14 14		n.a.
T 21	22 14	10 32	5 0	24 13	0 28	24 18	0 29	24 45	0 56	1 24	1 12	1 46	2 37	19 6	0 47	16 43	1 28	15 30	16 30	20 52	20 37	14 16		n.a.
F 22	22 4	6 5	5 7	24 24	0 36	24 19	0 31	24 45	0 56	1 20	1 11	1 46	2 37	19 6	0 47	16 43	1 28	15 30	16 31	20 50	20 36	14 17		n.a.
S 23	21 54	1 29	4 59	24 33	0 44	24 19	0 33	24 44	0 57	1 16	1 11	1 46	2 37	19 7	0 47	16 43	1 28	15 31	16 31	20 49	20 36	14 19		n.a.
S 24	21 44	3n 5	4 37	24 42	0 51	24 18	0 36	24 43	0 57	1 12	1 11	1 46	2 38	19 8	0 47	16 43	1 28	15 31	16 32	20 47	20 35	14 21		n.a.
M25	21 33	7 26	4 3	24 49	0 59	24 17	0 38	24 41	0 58	1 8	1 11	1 46	2 38	19 8	0 47	16 43	1 28	15 32	16 32	20 47	20 34	14 22		n.a.
T 26	21 22	11 27	3 19	24 55	1 5	24 15	0 40	24 40	0 58	1 4	1 10	1 46	2 38	19 9	0 47	16 43	1 28	15 33	16 33	20 46	20 33	14 24		n.a.
W27	21 11	15 0	2 27	25 0	1 12	24 12	0 42	24 38	0 58	1 0	1 10	1 45	2 38	19 10	0 47	16 43	1 28	15 33	16 33	20 46	20 33	14 26		n.a.
T 28	20 59	17 57	1 28	25 3	1 18	24 8	0 44	24 36	0 59	0 55	1 10	1 45	2 39	19 10	0 47	16 43	1 28	15 34	16 34	20 46	20 32	14 27		n.a.
F 29	20 47	20 9	0 25	25 5	1 24	24 4	0 46	24 33	0 59	0 51	1 10	1 45	2 39	19 11	0 47	16 43	1 28	15 35	16 34	20 47	20 31	14 29		n.a.
S 30	20 34	21 29	0s40	25 6	1 30	23 59	0 48	24 30	1 0	0 47	1 9	1 45	2 39	19 12	0 47	16 43	1 28	15 35	16 35	20 47	20 31	14 31		n.a.
S 31	20s21	21n49	1s44	25s 5	1s35	23s53	0s50	24s27	1s 0	0s43	1s 9	1s45	2n39	19n13	0n47	16n43	1s28	15n36	16n35	20s46	20s30	14n32		n.a.

Julian Day Number = 1273261.5, Delta T = 08h15m07s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'38, Lahiri = -20°53'37 Julian Calendar 1 Jan. 1227 BCE == Greg. Calendar 21 Dec. 1228 BCE

The year -1226 astronomical counting style corresponds to year 1227 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1227 BCE
geocentric

FEBRUARY 1227 BCE (-1226) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 58 35	1♒36'32	3♋47	10♉45	15♉36	10♉48	1♈ 1	10°R23	8°R25	20°R17	28°R50	1°R15	0♐ 0	1♉45	n.a.	M 1
T 2	8 2 32	2°36'16	16°46	12°17	16°50	11°35	1°11	10♎23	8♌22	20♉17	28♍49	1♐ 8	29♏57	1°52	n.a.	T 2
W 3	8 6 28	3°35'57	0♌ 4	13°51	18° 5	12°22	1°22	10°23	8°19	20°17	28°49	0°59	29°54	1°58	n.a.	W 3
T 4	8 10 25	4°35'36	13°41	15°25	19°19	13° 9	1°32	10°22	8°17	20°17	28°48	0°49	29°51	2° 5	n.a.	T 4
F 5	8 14 21	5°35'13	27°34	17° 1	20°33	13°56	1°43	10°21	8°14	20°16	28°47	0°38	29°48	2°12	n.a.	F 5
S 6	8 18 18	6°34'48	11♍37	18°39	21°48	14°43	1°53	10°21	8°12	20°16	28°46	0°28	29°44	2°18	n.a.	S 6
S 7	8 22 14	7°34'21	25°48	20°17	23° 2	15°30	2° 4	10°20	8° 9	20°16	28°45	0°20	29°41	2°25	n.a.	S 7
M 8	8 26 11	8°33'51	10♎ 0	21°57	24°16	16°17	2°15	10°19	8° 6	20°16	28°45	0°14	29°38	2°32	n.a.	M 8
T 9	8 30 7	9°33'20	24°12	23°38	25°30	17° 4	2°26	10°18	8° 4	20°16	28°44	0°11	29°35	2°38	n.a.	T 9
W10	8 34 4	10°32'48	8♏21	25°20	26°45	17°51	2°37	10°17	8° 1	20°D16	28°43	0°D11	29°32	2°45	n.a.	W10
T 11	8 38 1	11°32'13	22°26	27° 3	27°59	18°37	2°48	10°16	7°58	20°16	28°42	0°R11	29°29	2°52	n.a.	T 11
F 12	8 41 57	12°31'36	6♐25	28°48	29°13	19°24	2°59	10°14	7°56	20°16	28°41	0°11	29°25	2°58	n.a.	F 12
S 13	8 45 54	13°30'58	20°19	0♒34	0♒27	20°11	3°11	10°13	7°53	20°16	28°40	0° 9	29°22	3° 5	n.a.	S 13
S 14	8 49 50	14°30'18	4♑ 6	2°22	1°42	20°58	3°22	10°11	7°51	20°16	28°39	0° 5	29°19	3°12	n.a.	S 14
M15	8 53 47	15°29'36	17°45	4°10	2°56	21°45	3°34	10°10	7°48	20°16	28°38	29♏59	29°16	3°18	n.a.	M15
T 16	8 57 43	16°28'51	1♒13	6° 0	4°10	22°32	3°45	10° 8	7°45	20°16	28°36	29°49	29°13	3°25	n.a.	T 16
W17	9 1 40	17°28'05	14°30	7°52	5°24	23°18	3°57	10° 6	7°43	20°17	28°35	29°37	29°10	3°32	n.a.	W17
T 18	9 5 36	18°27'16	27°32	9°44	6°38	24° 5	4° 9	10° 5	7°40	20°17	28°34	29°24	29° 6	3°38	n.a.	T 18
F 19	9 9 33	19°26'25	10♓18	11°38	7°53	24°52	4°20	10° 3	7°38	20°17	28°33	29°11	29° 3	3°45	n.a.	F 19
S 20	9 13 29	20°25'31	22°48	13°34	9° 7	25°39	4°32	10° 1	7°35	20°17	28°32	29° 0	29° 0	3°52	n.a.	S 20
S 21	9 17 26	21°24'36	5♈ 4	15°30	10°21	26°25	4°44	9°59	7°33	20°18	28°31	28°50	28°57	3°58	n.a.	S 21
M22	9 21 23	22°23'38	17° 6	17°28	11°35	27°12	4°56	9°56	7°30	20°18	28°29	28°43	28°54	4° 5	n.a.	M22
T 23	9 25 19	23°22'37	29° 0	19°27	12°49	27°59	5° 8	9°54	7°28	20°19	28°28	28°39	28°50	4°12	n.a.	T 23
W24	9 29 16	24°21'34	10♉48	21°28	14° 3	28°45	5°21	9°52	7°25	20°19	28°27	28°37	28°47	4°18	n.a.	W24
T 25	9 33 12	25°20'29	22°37	23°29	15°17	29°32	5°33	9°49	7°23	20°20	28°25	28°36	28°44	4°25	n.a.	T 25
F 26	9 37 9	26°19'22	4♊32	25°31	16°31	0♒18	5°45	9°47	7°20	20°20	28°24	28°36	28°41	4°32	n.a.	F 26
S 27	9 41 5	27°18'12	16°38	27°35	17°46	1° 5	5°58	9°44	7°18	20°21	28°23	28°36	28°38	4°38	n.a.	S 27
S 28	9 45 2	28♒16'59	29♊ 0	29♒39	19♒ 0	1♒51	6♈10	9♎41	7♌16	20♉21	28♍21	28♏33	28♏35	4♉45	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s 8	21n 3	2s44	25s 3	1s40	23s47	0s52	24s24	1s 1	0s38	1s 9	1s44	2n40	19n13	0n47	16n43	1s28	15n37	16n36	20s45	20s29	14n34		n.a.
T 2	19 54	19 10	3 38	24 59	1 44	23 39	0 54	24 20	1 1	0 34	1 9	1 44	2 40	19 14	0 47	16 43	1 28	15 37	16 36	20 44	20 29	14 35		n.a.
W 3	19 40	16 14	4 21	24 54	1 48	23 31	0 56	24 16	1 1	0 30	1 8	1 43	2 40	19 15	0 47	16 42	1 27	15 38	16 37	20 42	20 28	14 37		n.a.
T 4	19 26	12 22	4 50	24 47	1 52	23 23	0 58	24 12	1 2	0 25	1 8	1 43	2 40	19 15	0 47	16 42	1 27	15 39	16 37	20 40	20 27	14 39		n.a.
F 5	19 11	7 47	5 3	24 38	1 55	23 13	1 0	24 8	1 2	0 21	1 8	1 43	2 41	19 16	0 47	16 42	1 27	15 39	16 37	20 37	20 27	14 40		n.a.
S 6	18 56	2 45	4 57	24 28	1 58	23 3	1 1	24 3	1 3	0 16	1 8	1 42	2 41	19 17	0 47	16 43	1 27	15 40	16 38	20 35	20 26	14 42		n.a.
S 7	18 41	2s29	4 34	24 16	2 1	22 52	1 3	23 58	1 3	0 12	1 8	1 42	2 41	19 17	0 47	16 43	1 27	15 41	16 38	20 34	20 25	14 44		n.a.
M 8	18 25	7 36	3 54	24 2	2 3	22 41	1 5	23 53	1 3	0 7	1 7	1 41	2 41	19 18	0 47	16 43	1 27	15 42	16 39	20 32	20 25	14 45		n.a.
T 9	18 9	12 18	2 59	23 47	2 5	22 29	1 6	23 47	1 4	0 2	1 7	1 40	2 42	19 19	0 47	16 43	1 27	15 42	16 39	20 32	20 24	14 47		n.a.
W10	17 53	16 18	1 53	23 29	2 6	22 16	1 8	23 41	1 4	0n 2	1 7	1 40	2 42	19 19	0 47	16 43	1 27	15 43	16 40	20 32	20 23	14 48		n.a.
T 11	17 37	19 21	0 41	23 10	2 7	22 2	1 9	23 35	1 4	0 7	1 7	1 39	2 42	19 20	0 47	16 43	1 27	15 44	16 40	20 32	20 22	14 50		n.a.
F 12	17 20	21 12	0n33	22 49	2 7	21 48	1 10	23 29	1 5	0 12	1 6	1 38	2 42	19 21	0 47	16 43	1 27	15 45	16 40	20 32	20 22	14 52		n.a.
S 13	17 3	21 44	1 45	22 26	2 7	21 33	1 12	23 22	1 5	0 16	1 6	1 38	2 43	19 22	0 47	16 43	1 27	15 45	16 41	20 31	20 21	14 53		n.a.
S 14	16 45	20 57	2 50	22 0	2 6	21 18	1 13	23 15	1 5	0 21	1 6	1 37	2 43	19 22	0 47	16 43	1 27	15 46	16 41	20 30	20 20	14 55		n.a.
M15	16 27	18 57	3 44	21 33	2 5	21 2	1 14	23 8	1 6	0 26	1 6	1 36	2 43	19 23	0 47	16 43	1 27	15 47	16 41	20 29	20 20	14 56		n.a.
T 16	16 10	15 55	4 25	21 4	2 3	20 45	1 15	23 0	1 6	0 31	1 6	1 35	2 43	19 24	0 47	16 43	1 27	15 48	16 42	20 27	20 19	14 58		n.a.
W17	15 51	12 8	4 51	20 33	2 1	20 28	1 17	22 53	1 6	0 36	1 5	1 34	2 43	19 24	0 47	16 43	1 27	15 48	16 42	20 24	20 18	14 59		n.a.
T 18	15 33	7 50	5 1	20 1	1 59	20 10	1 18	22 45	1 7	0 41	1 5	1 33	2 44	19 25	0 47	16 43	1 27	15 49	16 42	20 22	20 18	15 1		n.a.
F 19	15 14	3 17	4 55	19 26	1 55	19 52	1 19	22 37	1 7	0 46	1 5	1 32	2 44	19 26	0 47	16 44	1 27	15 50	16 43	20 19	20 17	15 3		n.a.
S 20	14 55	1n18	4 36	18 49	1 52	19 33	1 19	22 28	1 7	0 51	1 5	1 31	2 44	19 26	0 47	16 44	1 26	15 51	16 43	20 16	20 16	15 4		n.a.
S 21	14 36	5 45	4 4	18 10	1 47	19 14	1 20	22 19	1 8	0 56	1 5	1 30	2 44	19 27	0 47	16 44	1 26	15 52	16 43	20 14	20 15	15 6		n.a.
M22	14 17	9 55	3 21	17 29	1 43	18 54	1 21	22 11	1 8	1 1	1 4	1 29	2 44	19 28	0 47	16 44	1 26	15 52	16 44	20 12	20 15	15 7		n.a.
T 23	13 57	13 38	2 30	16 46	1 37	18 33	1 22	22 1	1 8	1 6	1 4	1 28	2 45	19 28	0 47	16 44	1 26	15 53	16 44	20 11	20 14	15 9		n.a.
W24	13 37	16 47	1 33	16 1	1 31	18 12	1 22	21 52	1 8	1 11	1 4	1 27	2 45	19 29	0 47	16 44	1 26	15 54	16 44	20 11	20 13	15 10		n.a.
T 25	13 17	19 15	0 32	15 15	1 24	17 50	1 23	21 42	1 9	1 16	1 4	1 26	2 45	19 29	0 47	16 44	1 26	15 55	16 45	20 11	20 13	15 12		n.a.
F 26	12 57	20 53	0s31	14 26	1 17	17 28	1 24	21 33	1 9	1 21	1 4	1 25	2 45	19 30	0 47	16 45	1 26	15 56	16 45	20 11	20 12	15 13		n.a.
S 27	12 37	21 36	1 34	13 36	1 10	17 6	1 24	21 23	1 9	1 26	1 3	1 23	2 45	19 31	0 47	16 45	1 26	15 56	16 45	20 11	20 11	15 15		n.a.
S 28	12s16	21n17	2s34	12s44	1s 1	16s43	1s25	21s12	1s 9	1n31	1s 3	1s22	2n46	19n31	0n47	16n45	1s26	15n57	16n46	20s10	20s11	15n17		n.a.

Julian Day Number = 1273292.5, Delta T = 08h15m06s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'34, Lahiri = -20°53'33 Julian Calendar 1 Feb. 1227 BCE == Greg. Calendar 21 Jan. 1227 BCE

The year -1226 astronomical counting style corresponds to year 1227 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1227 BCE
geocentric

MARCH 1227 BCE (-1226) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 48 58	29♒15'45	11♋43	1♓44	20♒14	2♒38	6♈23	9°R39	7°R13	20♉22	28°R20	28°R28	28♏31	4♉52	n.a.	M 1
T 2	9 52 55	0♓14'27	24°50	3°49	21°28	3°24	6°35	9♎36	7♌11	20°22	28♍19	28♏21	28°28	4°58	n.a.	T 2
W 3	9 56 51	1°13'08	8♌22	5°55	22°42	4°11	6°48	9°33	7° 9	20°23	28°17	28°11	28°25	5° 5	n.a.	W 3
T 4	10 0 48	2°11'46	22°17	8° 0	23°56	4°57	7° 0	9°30	7° 6	20°24	28°16	27°59	28°22	5°12	n.a.	T 4
F 5	10 4 45	3°10'23	6♍33	10° 5	25°10	5°43	7°13	9°27	7° 4	20°25	28°14	27°47	28°19	5°18	n.a.	F 5
S 6	10 8 41	4° 8'57	21° 3	12°10	26°24	6°30	7°26	9°24	7° 2	20°25	28°13	27°36	28°15	5°25	n.a.	S 6
S 7	10 12 38	5° 7'29	5♎40	14°14	27°38	7°16	7°39	9°20	6°59	20°26	28°11	27°27	28°12	5°32	n.a.	S 7
M 8	10 16 34	6° 5'59	20°17	16°16	28°52	8° 2	7°52	9°17	6°57	20°27	28°10	27°21	28° 9	5°38	n.a.	M 8
T 9	10 20 31	7° 4'27	4♏48	18°17	0♓ 6	8°48	8° 5	9°14	6°55	20°28	28° 8	27°17	28° 6	5°45	n.a.	T 9
W10	10 24 27	8° 2'54	19° 9	20°16	1°20	9°34	8°18	9°10	6°53	20°29	28° 7	27°16	28° 3	5°52	n.a.	W10
T 11	10 28 24	9° 1'19	3♐18	22°13	2°34	10°21	8°31	9° 7	6°51	20°30	28° 5	27°16	28° 0	5°58	n.a.	T 11
F 12	10 32 20	9°59'43	17°13	24° 7	3°48	11° 7	8°44	9° 3	6°49	20°31	28° 3	27°16	27°56	6° 5	n.a.	F 12
S 13	10 36 17	10°58'04	0♑55	25°59	5° 2	11°53	8°57	9° 0	6°47	20°32	28° 2	27°14	27°53	6°12	n.a.	S 13
S 14	10 40 14	11°56'24	14°24	27°47	6°16	12°39	9°10	8°56	6°45	20°33	28° 0	27°11	27°50	6°18	n.a.	S 14
M15	10 44 10	12°54'43	27°42	29°32	7°30	13°25	9°24	8°52	6°43	20°34	27°59	27° 4	27°47	6°25	n.a.	M15
T 16	10 48 7	13°52'59	10♒48	1♈14	8°44	14°11	9°37	8°49	6°41	20°35	27°57	26°55	27°44	6°31	n.a.	T 16
W17	10 52 3	14°51'14	23°42	2°51	9°58	14°57	9°50	8°45	6°39	20°36	27°55	26°44	27°41	6°38	n.a.	W17
T 18	10 56 0	15°49'27	6♓25	4°25	11°11	15°43	10° 4	8°41	6°37	20°37	27°54	26°32	27°37	6°45	n.a.	T 18
F 19	10 59 56	16°47'38	18°55	5°54	12°25	16°28	10°17	8°37	6°35	20°38	27°52	26°20	27°34	6°51	n.a.	F 19
S 20	11 3 53	17°45'47	1♈13	7°20	13°39	17°14	10°30	8°33	6°34	20°39	27°50	26° 9	27°31	6°58	n.a.	S 20
S 21	11 7 49	18°43'54	13°20	8°41	14°53	18° 0	10°44	8°29	6°32	20°41	27°49	25°59	27°28	7° 5	n.a.	S 21
M22	11 11 46	19°41'59	25°17	9°57	16° 7	18°46	10°57	8°25	6°30	20°42	27°47	25°53	27°25	7°11	n.a.	M22
T 23	11 15 42	20°40'03	7♉ 7	11° 9	17°21	19°31	11°11	8°21	6°29	20°43	27°45	25°48	27°21	7°18	n.a.	T 23
W24	11 19 39	21°38'04	18°55	12°16	18°35	20°17	11°25	8°17	6°27	20°44	27°44	25°47	27°18	7°25	n.a.	W24
T 25	11 23 36	22°36'03	0♊42	13°19	19°49	21° 3	11°38	8°13	6°25	20°46	27°42	25°D46	27°15	7°31	n.a.	T 25
F 26	11 27 32	23°34'01	12°36	14°16	21° 3	21°48	11°52	8° 8	6°24	20°47	27°40	25°47	27°12	7°38	n.a.	F 26
S 27	11 31 29	24°31'56	24°41	15° 9	22°16	22°34	12° 6	8° 4	6°22	20°48	27°39	25°R47	27° 9	7°45	n.a.	S 27
S 28	11 35 25	25°29'50	7♋ 2	15°57	23°30	23°19	12°19	8° 0	6°21	20°50	27°37	25°47	27° 6	7°51	n.a.	S 28
M29	11 39 22	26°27'42	19°44	16°40	24°44	24° 5	12°33	7°56	6°20	20°51	27°35	25°44	27° 2	7°58	n.a.	M29
T 30	11 43 18	27°25'31	2♌51	17°17	25°58	24°50	12°47	7°51	6°18	20°53	27°34	25°40	26°59	8° 5	n.a.	T 30
W31	11 47 15	28♓23'19	16♌27	17♈50	27♓12	25♒35	13♈ 0	7♎47	6♌17	20♉54	27♍32	25♏33	26♏56	8♉11	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11s55	19n53	3s27	11s51	0s53	16s19	1s25	21s 2	1s10	1n37	1s 3	1s21	2n46	19n32	0n47	16n45	1s26	15n58	16n46	20s 9	20s10	15n18			n.a.
T 2	11 34	17 24	4 11	10 57	0 43	15 56	1 25	20 51	1 10	1 42	1 3	1 20	2 46	19 33	0 47	16 46	1 26	15 59	16 46	20 7	20 9	15 20			n.a.
W 3	11 13	13 55	4 43	10 1	0 34	15 31	1 25	20 40	1 10	1 47	1 3	1 18	2 46	19 33	0 47	16 46	1 26	16 0	16 46	20 5	20 8	15 21			n.a.
T 4	10 52	9 36	4 59	9 4	0 24	15 7	1 26	20 29	1 10	1 52	1 3	1 17	2 46	19 34	0 47	16 46	1 26	16 0	16 46	20 3	20 8	15 23			n.a.
F 5	10 31	4 40	4 57	8 7	0 13	14 41	1 26	20 18	1 10	1 58	1 2	1 16	2 47	19 34	0 47	16 46	1 26	16 1	16 47	20 0	20 7	15 24			n.a.
S 6	10 9	0s37	4 36	7 9	0 2	14 16	1 26	20 6	1 11	2 3	1 2	1 14	2 47	19 35	0 47	16 47	1 26	16 2	16 47	19 57	20 6	15 26			n.a.
S 7	9 47	5 54	3 57	6 10	0n 9	13 50	1 26	19 54	1 11	2 8	1 2	1 13	2 47	19 35	0 47	16 47	1 26	16 3	16 47	19 55	20 5	15 27			n.a.
M 8	9 25	10 52	3 2	5 12	0 20	13 24	1 26	19 42	1 11	2 13	1 2	1 11	2 47	19 36	0 47	16 47	1 26	16 4	16 47	19 54	20 5	15 29			n.a.
T 9	9 3	15 9	1 56	4 13	0 32	12 57	1 25	19 30	1 11	2 19	1 2	1 10	2 47	19 36	0 47	16 47	1 26	16 4	16 47	19 53	20 4	15 30			n.a.
W10	8 41	18 29	0 43	3 16	0 43	12 30	1 25	19 18	1 11	2 24	1 2	1 8	2 47	19 37	0 47	16 48	1 25	16 5	16 48	19 53	20 3	15 32			n.a.
T 11	8 19	20 39	0n32	2 18	0 54	12 3	1 25	19 5	1 12	2 29	1 2	1 7	2 47	19 38	0 47	16 48	1 25	16 6	16 48	19 52	20 3	15 33			n.a.
F 12	7 57	21 30	1 44	1 22	1 6	11 35	1 25	18 53	1 12	2 35	1 1	1 5	2 48	19 38	0 47	16 48	1 25	16 7	16 48	19 52	20 2	15 35			n.a.
S 13	7 34	21 2	2 48	0 27	1 17	11 8	1 24	18 40	1 12	2 40	1 1	1 4	2 48	19 39	0 47	16 49	1 25	16 7	16 48	19 52	20 1	15 36			n.a.
S 14	7 12	19 22	3 42	0n27	1 28	10 39	1 24	18 27	1 12	2 46	1 1	1 2	2 48	19 39	0 47	16 49	1 25	16 8	16 48	19 51	20 0	15 38			n.a.
M15	6 49	16 40	4 24	1 19	1 38	10 11	1 23	18 13	1 12	2 51	1 1	1 0	2 48	19 39	0 47	16 49	1 25	16 9	16 48	19 50	20 0	15 39			n.a.
T 16	6 27	13 10	4 50	2 9	1 48	9 42	1 23	18 0	1 12	2 57	1 1	0 59	2 48	19 40	0 47	16 50	1 25	16 10	16 49	19 48	19 59	15 41			n.a.
W17	6 4	9 6	5 1	2 57	1 58	9 13	1 22	17 46	1 12	3 2	1 1	0 57	2 48	19 40	0 47	16 50	1 25	16 10	16 49	19 45	19 58	15 42			n.a.
T 18	5 41	4 43	4 57	3 43	2 7	8 44	1 21	17 33	1 12	3 7	1 1	0 56	2 48	19 41	0 47	16 50	1 25	16 11	16 49	19 42	19 58	15 43			n.a.
F 19	5 18	0 11	4 39	4 27	2 16	8 15	1 20	17 19	1 13	3 13	1 0	0 54	2 48	19 41	0 47	16 51	1 25	16 12	16 49	19 39	19 57	15 45			n.a.
S 20	4 55	4n16	4 8	5 9	2 23	7 45	1 20	17 5	1 13	3 18	1 0	0 52	2 48	19 42	0 47	16 51	1 25	16 13	16 49	19 37	19 56	15 46			n.a.
S 21	4 32	8 30	3 26	5 48	2 30	7 15	1 19	16 51	1 13	3 24	1 0	0 51	2 49	19 42	0 47	16 51	1 25	16 13	16 49	19 34	19 55	15 48			n.a.
M22	4 9	12 20	2 35	6 24	2 37	6 45	1 18	16 36	1 13	3 29	1 0	0 49	2 49	19 43	0 47	16 52	1 25	16 14	16 49	19 33	19 55	15 49			n.a.
T 23	3 45	15 39	1 38	6 58	2 42	6 15	1 17	16 22	1 13	3 35	1 0	0 47	2 49	19 43	0 47	16 52	1 25	16 15	16 49	19 32	19 54	15 51			n.a.
W24	3 22	18 19	0 37	7 29	2 47	5 45	1 16	16 7	1 13	3 40	1 0	0 45	2 49	19 43	0 47	16 53	1 25	16 16	16 49	19 31	19 53	15 52			n.a.
T 25	2 59	20 13	0s26	7 57	2 51	5 14	1 15	15 52	1 13	3 46	1 0	0 44	2 49	19 44	0 47	16 53	1 25	16 16	16 49	19 31	19 52	15 54			n.a.
F 26	2 36	21 13	1 29	8 23	2 54	4 44	1 13	15 37	1 13	3 51	0 59	0 42	2 49	19 44	0 47	16 53	1 25	16 17	16 49	19 32	19 52	15 55			n.a.
S 27	2 12	21 16	2 28	8 45	2 56	4 13	1 12	15 22	1 13	3 57	0 59	0 40	2 49	19 44	0 46	16 54	1 25	16 18	16 49	19 32	19 51	15 56			n.a.
S 28	1 49	20 17	3 22	9 5	2 56	3 42	1 11	15 7	1 13	4 2	0 59	0 39	2 49	19 45	0 46	16 54	1 25	16 18	16 49	19 31	19 50	15 58			n.a.
M29	1 26	18 16	4 8	9 22	2 56	3 11	1 10	14 52	1 13	4 8	0 59	0 37	2 49	19 45	0 46	16 55	1 24	16 19	16 49	19 31	19 49	15 59			n.a.
T 30	1 2	15 16	4 42	9 35	2 55	2 40	1 8	14 37	1 13	4 13	0 59	0 35	2 49	19 45	0 46	16 55	1 24	16 20	16 49	19 30	19 49	16 1			n.a.
W31	0s39	11n22	5s 2	9n46	2n53	2s 9	1s 7	14s21	1s13	4n19	0s59	0s33	2n49	19n46	0n46	16n56	1s24	16n20	16n49	19s28	19s48	16n 2			n.a.

Julian Day Number = 1273320.5, Delta T = 08h15m04s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'30, Lahiri = -20°53'29 Julian Calendar 1 March 1227 BCE == Greg. Calendar 18 Feb. 1227 BCE

The year -1226 astronomical counting style corresponds to year 1227 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1227 BCE
geocentric

APRIL 1227 BCE (-1226) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 51 11	29♓21'05	0♍29	18♈18	28♓25	26♒20	13♈14	7°R43	6°R16	20♉56	27°R30	25°R25	26♏53	8♉18	n.a.	T 1
F 2	11 55 8	0♈18'49	14°57	18°40	29°39	27° 6	13°28	7♎38	6♌15	20°57	27♍29	25♏16	26°50	8°25	n.a.	F 2
S 3	11 59 4	1°16'31	29°43	18°58	0♈53	27°51	13°42	7°34	6°13	20°59	27°27	25° 8	26°46	8°31	n.a.	S 3
S 4	12 3 1	2°14'12	14♎41	19°10	2° 7	28°36	13°56	7°29	6°12	21° 0	27°25	25° 1	26°43	8°38	n.a.	S 4
M 5	12 6 58	3°11'52	29°40	19°17	3°21	29°21	14° 9	7°25	6°11	21° 2	27°24	24°57	26°40	8°45	n.a.	M 5
T 6	12 10 54	4° 9'30	14♏34	19°R19	4°34	0♓ 6	14°23	7°21	6°10	21° 4	27°22	24°55	26°37	8°51	n.a.	T 6
W 7	12 14 51	5° 7'07	29°13	19°16	5°48	0°51	14°37	7°16	6° 9	21° 5	27°20	24°D54	26°34	8°58	n.a.	W 7
T 8	12 18 47	6° 4'43	13♐36	19° 9	7° 2	1°36	14°51	7°12	6° 8	21° 7	27°19	24°55	26°31	9° 5	n.a.	T 8
F 9	12 22 44	7° 2'18	27°38	18°57	8°16	2°21	15° 5	7° 7	6° 7	21° 9	27°17	24°56	26°27	9°11	n.a.	F 9
S 10	12 26 40	7°59'52	11♑20	18°41	9°29	3° 5	15°19	7° 3	6° 7	21°10	27°15	24°R56	26°24	9°18	n.a.	S 10
S 11	12 30 37	8°57'24	24°44	18°22	10°43	3°50	15°33	6°58	6° 6	21°12	27°14	24°55	26°21	9°24	n.a.	S 11
M12	12 34 33	9°54'56	7♒50	17°58	11°57	4°35	15°47	6°54	6° 5	21°14	27°12	24°52	26°18	9°31	n.a.	M12
T 13	12 38 30	10°52'26	20°40	17°32	13°10	5°20	16° 1	6°50	6° 4	21°16	27°10	24°47	26°15	9°38	n.a.	T 13
W14	12 42 27	11°49'56	3♓17	17° 3	14°24	6° 4	16°15	6°45	6° 4	21°18	27° 9	24°41	26°12	9°44	n.a.	W14
T 15	12 46 23	12°47'24	15°42	16°32	15°38	6°49	16°29	6°41	6° 3	21°19	27° 7	24°33	26° 8	9°51	n.a.	T 15
F 16	12 50 20	13°44'51	27°57	15°59	16°52	7°33	16°43	6°36	6° 3	21°21	27° 5	24°26	26° 5	9°58	n.a.	F 16
S 17	12 54 16	14°42'17	10♈ 2	15°25	18° 5	8°18	16°57	6°32	6° 2	21°23	27° 4	24°19	26° 2	10° 4	n.a.	S 17
S 18	12 58 13	15°39'42	22° 0	14°51	19°19	9° 2	17°11	6°28	6° 2	21°25	27° 2	24°14	25°59	10°11	n.a.	S 18
M19	13 2 9	16°37'06	3♉51	14°17	20°33	9°46	17°25	6°23	6° 2	21°27	27° 1	24°10	25°56	10°18	n.a.	M19
T 20	13 6 6	17°34'29	15°39	13°44	21°46	10°31	17°39	6°19	6° 1	21°29	26°59	24° 8	25°52	10°24	n.a.	T 20
W21	13 10 2	18°31'51	27°25	13°12	23° 0	11°15	17°52	6°15	6° 1	21°31	26°58	24°D 7	25°49	10°31	n.a.	W21
T 22	13 13 59	19°29'11	9♊14	12°42	24°14	11°59	18° 6	6°10	6° 1	21°33	26°56	24° 8	25°46	10°38	n.a.	T 22
F 23	13 17 56	20°26'30	21° 9	12°14	25°27	12°43	18°20	6° 6	6° 1	21°34	26°55	24°10	25°43	10°44	n.a.	F 23
S 24	13 21 52	21°23'49	3♋14	11°50	26°41	13°27	18°34	6° 2	6° 1	21°36	26°53	24°12	25°40	10°51	n.a.	S 24
S 25	13 25 49	22°21'06	15°34	11°28	27°55	14°11	18°48	5°58	6°D 1	21°38	26°52	24°13	25°37	10°58	n.a.	S 25
M26	13 29 45	23°18'21	28°14	11°10	29° 8	14°55	19° 2	5°54	6° 1	21°40	26°50	24°R13	25°33	11° 4	n.a.	M26
T 27	13 33 42	24°15'36	11♌18	10°55	0♉22	15°39	19°16	5°50	6° 1	21°42	26°49	24°12	25°30	11°11	n.a.	T 27
W28	13 37 38	25°12'49	24°48	10°45	1°36	16°23	19°30	5°46	6° 1	21°45	26°47	24° 9	25°27	11°18	n.a.	W28
T 29	13 41 35	26°10'01	8♍47	10°39	2°49	17° 6	19°44	5°42	6° 1	21°47	26°46	24° 6	25°24	11°24	n.a.	T 29
F 30	13 45 31	27♈ 7'13	23♍13	10°D37	4♉ 3	17♓50	19♈58	5♎38	6♌ 1	21♉49	26♍44	24♏ 2	25♏21	11♉31	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	0s16	6n44	5s 5	9n54	2n50	1s38	1s 5	14s 5	1s13	4n25	0s59	0s31	2n49	19n46	0n46	16n56	1s24	16n21	16n49	19s26	19s47	16n 4			n.a.
F 2	0n 8	1 36	4 48	9 58	2 45	1 7	1 4	13 50	1 13	4 30	0 59	0 30	2 49	19 46	0 46	16 56	1 24	16 21	16 49	19 24	19 46	16 5			n.a.
S 3	0 31	3s44	4 12	10 0	2 40	0 35	1 2	13 34	1 13	4 36	0 59	0 28	2 49	19 47	0 46	16 57	1 24	16 22	16 49	19 22	19 46	16 6			n.a.
S 4	0 54	8 56	3 19	9 59	2 33	0 4	1 1	13 18	1 13	4 41	0 58	0 26	2 49	19 47	0 46	16 57	1 24	16 23	16 49	19 20	19 45	16 8			n.a.
M 5	1 18	13 35	2 12	9 54	2 25	0n27	0 59	13 2	1 13	4 47	0 58	0 24	2 49	19 47	0 46	16 58	1 24	16 23	16 49	19 19	19 44	16 9			n.a.
T 6	1 41	17 21	0 56	9 47	2 16	0 58	0 57	12 46	1 13	4 52	0 58	0 23	2 49	19 47	0 46	16 58	1 24	16 24	16 49	19 19	19 43	16 10			n.a.
W 7	2 4	19 56	0n23	9 36	2 6	1 30	0 55	12 29	1 13	4 58	0 58	0 21	2 49	19 47	0 46	16 59	1 24	16 24	16 48	19 19	19 43	16 12			n.a.
T 8	2 27	21 10	1 39	9 23	1 55	2 1	0 54	12 13	1 13	5 3	0 58	0 19	2 49	19 48	0 46	16 59	1 24	16 25	16 48	19 19	19 42	16 13			n.a.
F 9	2 50	21 2	2 47	9 7	1 43	2 32	0 52	11 57	1 13	5 9	0 58	0 17	2 49	19 48	0 46	17 0	1 24	16 26	16 48	19 19	19 41	16 15			n.a.
S 10	3 13	19 37	3 44	8 49	1 29	3 3	0 50	11 40	1 13	5 14	0 58	0 16	2 49	19 48	0 46	17 0	1 24	16 26	16 48	19 19	19 40	16 16			n.a.
S 11	3 36	17 9	4 27	8 28	1 15	3 35	0 48	11 24	1 13	5 20	0 58	0 14	2 49	19 48	0 46	17 1	1 24	16 27	16 48	19 19	19 40	16 17			n.a.
M12	3 59	13 51	4 56	8 5	1 0	4 6	0 46	11 7	1 13	5 25	0 58	0 12	2 49	19 48	0 46	17 1	1 24	16 27	16 48	19 18	19 39	16 19			n.a.
T 13	4 22	9 58	5 8	7 41	0 45	4 37	0 44	10 50	1 13	5 31	0 58	0 10	2 49	19 48	0 46	17 2	1 24	16 28	16 48	19 17	19 38	16 20			n.a.
W14	4 45	5 43	5 6	7 15	0 29	5 8	0 42	10 33	1 13	5 37	0 58	0 9	2 49	19 49	0 46	17 2	1 24	16 28	16 47	19 15	19 37	16 21			n.a.
T 15	5 8	1 18	4 49	6 47	0 12	5 38	0 40	10 17	1 12	5 42	0 57	0 7	2 49	19 49	0 46	17 3	1 24	16 29	16 47	19 13	19 37	16 23			n.a.
F 16	5 31	3n 7	4 18	6 19	0s 5	6 9	0 38	10 0	1 12	5 48	0 57	0 5	2 49	19 49	0 46	17 3	1 24	16 29	16 47	19 12	19 36	16 24			n.a.
S 17	5 53	7 21	3 37	5 50	0 22	6 40	0 36	9 43	1 12	5 53	0 57	0 3	2 49	19 49	0 46	17 4	1 24	16 30	16 47	19 10	19 35	16 25			n.a.
S 18	6 16	11 16	2 46	5 21	0 39	7 10	0 34	9 26	1 12	5 59	0 57	0 2	2 49	19 49	0 46	17 4	1 24	16 30	16 47	19 9	19 34	16 27			n.a.
M19	6 38	14 42	1 48	4 52	0 56	7 40	0 31	9 8	1 12	6 4	0 57	0 0	2 49	19 49	0 46	17 5	1 24	16 30	16 46	19 8	19 34	16 28			n.a.
T 20	7 1	17 32	0 46	4 24	1 13	8 10	0 29	8 51	1 12	6 10	0 57	0n 2	2 49	19 49	0 46	17 5	1 24	16 31	16 46	19 7	19 33	16 29			n.a.
W21	7 23	19 37	0s18	3 56	1 29	8 40	0 27	8 34	1 12	6 15	0 57	0 3	2 49	19 49	0 46	17 6	1 24	16 31	16 46	19 7	19 32	16 31			n.a.
T 22	7 45	20 51	1 22	3 30	1 44	9 10	0 25	8 17	1 12	6 20	0 57	0 5	2 49	19 49	0 46	17 7	1 23	16 32	16 46	19 7	19 31	16 32			n.a.
F 23	8 7	21 10	2 23	3 6	1 59	9 39	0 22	7 59	1 11	6 26	0 57	0 7	2 49	19 49	0 46	17 7	1 23	16 32	16 45	19 8	19 31	16 33			n.a.
S 24	8 29	20 30	3 18	2 43	2 13	10 9	0 20	7 42	1 11	6 31	0 57	0 8	2 48	19 49	0 46	17 8	1 23	16 32	16 45	19 8	19 30	16 35			n.a.
S 25	8 50	18 51	4 5	2 23	2 26	10 38	0 18	7 25	1 11	6 37	0 57	0 10	2 48	19 49	0 45	17 8	1 23	16 33	16 45	19 8	19 29	16 36			n.a.
M26	9 12	16 15	4 42	2 4	2 38	11 6	0 16	7 7	1 11	6 42	0 57	0 11	2 48	19 49	0 45	17 9	1 23	16 33	16 45	19 8	19 28	16 37			n.a.
T 27	9 34	12 47	5 6	1 49	2 49	11 35	0 13	6 50	1 11	6 48	0 57	0 13	2 48	19 49	0 45	17 9	1 23	16 33	16 44	19 8	19 27	16 39			n.a.
W28	9 55	8 33	5 14	1 35	2 59	12 3	0 11	6 32	1 10	6 53	0 57	0 14	2 48	19 49	0 45	17 10	1 23	16 34	16 44	19 7	19 27	16 40			n.a.
T 29	10 16	3 43	5 4	1 25	3 8	12 31	0 9	6 15	1 10	6 58	0 56	0 16	2 48	19 49	0 45	17 10	1 23	16 34	16 44	19 7	19 26	16 41			n.a.
F 30	10n37	1s27	4s34	1n17	3s15	12n59	0s 6	5s57	1s10	7n 4	0s56	0n17	2n48	19n49	0n45	17n11	1s23	16n34	16n43	19s 6	19s25	16n43			n.a.

Julian Day Number = 1273351.5, Delta T = 08h15m02s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'26, Lahiri = -20°53'25 Julian Calendar 1 Apr. 1227 BCE == Greg. Calendar 21 March 1227 BCE

The year -1226 astronomical counting style corresponds to year 1227 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1227 BCE
geocentric

MAY 1227 BCE (-1226) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 49 28	28♈ 4'23	8♎ 2	10♈40	5♉17	18♓34	20♈12	5°R34	6♌ 2	21♉51	26°R43	23°R59	25♏18	11♉37	n.a.	S 1
S 2	13 53 25	29° 1'33	23° 6	10°48	6°30	19°17	20°26	5♎30	6° 2	21°53	26♍42	23♏56	25°14	11°44	n.a.	S 2
M 3	13 57 21	29°58'41	8♏18	10°59	7°44	20° 1	20°39	5°26	6° 2	21°55	26°40	23°54	25°11	11°51	n.a.	M 3
T 4	14 1 18	0♉55'50	23°26	11°16	8°57	20°44	20°53	5°22	6° 3	21°57	26°39	23°D54	25° 8	11°57	n.a.	T 4
W 5	14 5 14	1°52'58	8♐23	11°37	10°11	21°28	21° 7	5°18	6° 3	21°59	26°38	23°54	25° 5	12° 4	n.a.	W 5
T 6	14 9 11	2°50'05	23° 1	12° 2	11°24	22°11	21°21	5°15	6° 4	22° 1	26°36	23°55	25° 2	12°11	n.a.	T 6
F 7	14 13 7	3°47'12	7♑17	12°32	12°38	22°54	21°35	5°11	6° 4	22° 3	26°35	23°56	24°58	12°17	n.a.	F 7
S 8	14 17 4	4°44'20	21° 7	13° 6	13°52	23°37	21°48	5° 7	6° 5	22° 5	26°34	23°57	24°55	12°24	n.a.	S 8
S 9	14 21 0	5°41'26	4♒34	13°44	15° 5	24°20	22° 2	5° 4	6° 6	22° 8	26°33	23°R58	24°52	12°31	n.a.	S 9
M10	14 24 57	6°38'33	17°38	14°27	16°19	25° 3	22°16	5° 1	6° 7	22°10	26°31	23°58	24°49	12°37	n.a.	M10
T 11	14 28 54	7°35'39	0♓22	15°14	17°32	25°46	22°30	4°57	6° 7	22°12	26°30	23°57	24°46	12°44	n.a.	T 11
W12	14 32 50	8°32'46	12°49	16° 4	18°46	26°29	22°43	4°54	6° 8	22°14	26°29	23°55	24°43	12°51	n.a.	W12
T 13	14 36 47	9°29'52	25° 3	16°59	20° 0	27°12	22°57	4°51	6° 9	22°16	26°28	23°53	24°39	12°57	n.a.	T 13
F 14	14 40 43	10°26'58	7♈ 6	17°58	21°13	27°55	23°11	4°47	6°10	22°18	26°27	23°51	24°36	13° 4	n.a.	F 14
S 15	14 44 40	11°24'04	19° 2	19° 0	22°27	28°38	23°24	4°44	6°11	22°21	26°26	23°49	24°33	13°11	n.a.	S 15
S 16	14 48 36	12°21'09	0♉52	20° 6	23°40	29°20	23°38	4°41	6°12	22°23	26°25	23°48	24°30	13°17	n.a.	S 16
M17	14 52 33	13°18'15	12°40	21°16	24°54	0♈ 3	23°51	4°38	6°13	22°25	26°24	23°47	24°27	13°24	n.a.	M17
T 18	14 56 30	14°15'21	24°27	22°30	26° 7	0°46	24° 5	4°35	6°15	22°27	26°23	23°D47	24°23	13°31	n.a.	T 18
W19	15 0 26	15°12'26	6♊16	23°47	27°21	1°28	24°18	4°32	6°16	22°30	26°22	23°47	24°20	13°37	n.a.	W19
T 20	15 4 23	16° 9'31	18° 9	25° 8	28°35	2°10	24°32	4°30	6°17	22°32	26°21	23°47	24°17	13°44	n.a.	T 20
F 21	15 8 19	17° 6'36	0♋ 9	26°32	29°48	2°53	24°45	4°27	6°18	22°34	26°20	23°48	24°14	13°50	n.a.	F 21
S 22	15 12 16	18° 3'41	12°19	28° 0	1♊ 2	3°35	24°58	4°24	6°20	22°36	26°19	23°49	24°11	13°57	n.a.	S 22
S 23	15 16 12	19° 0'46	24°43	29°31	2°15	4°17	25°12	4°22	6°21	22°38	26°18	23°49	24° 8	14° 4	n.a.	S 23
M24	15 20 9	19°57'50	7♌24	1♉ 6	3°29	4°59	25°25	4°19	6°23	22°41	26°18	23°50	24° 4	14°10	n.a.	M24
T 25	15 24 5	20°54'54	20°26	2°44	4°42	5°41	25°38	4°17	6°24	22°43	26°17	23°R50	24° 1	14°17	n.a.	T 25
W26	15 28 2	21°51'58	3♍50	4°25	5°56	6°23	25°51	4°15	6°26	22°45	26°16	23°50	23°58	14°24	n.a.	W26
T 27	15 31 59	22°49'02	17°40	6°10	7° 9	7° 5	26° 4	4°12	6°27	22°47	26°15	23°50	23°55	14°30	n.a.	T 27
F 28	15 35 55	23°46'05	1♎55	7°57	8°23	7°47	26°18	4°10	6°29	22°50	26°15	23°D50	23°52	14°37	n.a.	F 28
S 29	15 39 52	24°43'09	16°33	9°48	9°36	8°29	26°31	4° 8	6°31	22°52	26°14	23°50	23°49	14°44	n.a.	S 29
S 30	15 43 48	25°40'13	1♏30	11°41	10°50	9°10	26°44	4° 6	6°33	22°54	26°13	23°50	23°45	14°50	n.a.	S 30
M31	15 47 45	26♉37'17	16♏38	13♉37	12♊ 3	9♈52	26♈57	4♎ 5	6♌34	22♉56	26♍13	23°R50	23♏42	14♉57	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n58	6s41	3s46	1n12	3s22	13n26	0s 4	5s40	1s10	7n 9	0s56	0n19	2n48	19n49	0n45	17n12	1s23	16n34	16n43	19s 5	19s24	16n44		n.a.
S 2	11 19	11 37	2 42	1 10	3 27	13 53	0 1	5 22	1 10	7 15	0 56	0 20	2 48	19 48	0 45	17 12	1 23	16 35	16 43	19 4	19 24	16 45		n.a.
M 3	11 39	15 51	1 25	1 11	3 32	14 20	0n 1	5 5	1 9	7 20	0 56	0 22	2 47	19 48	0 45	17 13	1 23	16 35	16 42	19 4	19 23	16 46		n.a.
T 4	11 59	18 59	0 3	1 14	3 35	14 46	0 3	4 47	1 9	7 25	0 56	0 23	2 47	19 48	0 45	17 13	1 23	16 35	16 42	19 4	19 22	16 48		n.a.
W 5	12 20	20 46	1n19	1 21	3 37	15 12	0 6	4 30	1 9	7 30	0 56	0 24	2 47	19 48	0 45	17 14	1 23	16 35	16 41	19 4	19 21	16 49		n.a.
T 6	12 40	21 5	2 34	1 30	3 38	15 38	0 8	4 12	1 9	7 36	0 56	0 26	2 47	19 48	0 45	17 14	1 23	16 35	16 41	19 4	19 20	16 50		n.a.
F 7	12 59	20 1	3 37	1 41	3 38	16 3	0 11	3 54	1 8	7 41	0 56	0 27	2 47	19 48	0 45	17 15	1 23	16 36	16 41	19 4	19 20	16 51		n.a.
S 8	13 19	17 46	4 26	1 55	3 38	16 28	0 13	3 37	1 8	7 46	0 56	0 28	2 47	19 47	0 45	17 16	1 23	16 36	16 40	19 4	19 19	16 53		n.a.
S 9	13 38	14 37	4 58	2 12	3 36	16 53	0 15	3 19	1 8	7 52	0 56	0 30	2 46	19 47	0 45	17 16	1 23	16 36	16 40	19 5	19 18	16 54		n.a.
M10	13 57	10 49	5 14	2 31	3 33	17 17	0 18	3 2	1 8	7 57	0 56	0 31	2 46	19 47	0 45	17 17	1 23	16 36	16 40	19 5	19 17	16 55		n.a.
T 11	14 16	6 38	5 14	2 52	3 30	17 40	0 20	2 44	1 7	8 2	0 56	0 32	2 46	19 47	0 45	17 17	1 23	16 36	16 39	19 4	19 17	16 56		n.a.
W12	14 35	2 16	4 59	3 16	3 26	18 3	0 23	2 26	1 7	8 7	0 56	0 33	2 46	19 46	0 45	17 18	1 23	16 36	16 39	19 4	19 16	16 58		n.a.
T 13	14 54	2n 8	4 31	3 42	3 21	18 26	0 25	2 9	1 7	8 12	0 56	0 34	2 46	19 46	0 45	17 18	1 23	16 36	16 38	19 3	19 15	16 59		n.a.
F 14	15 12	6 23	3 51	4 10	3 15	18 48	0 27	1 51	1 6	8 17	0 56	0 36	2 46	19 46	0 45	17 19	1 23	16 36	16 38	19 3	19 14	17 0		n.a.
S 15	15 30	10 21	3 1	4 39	3 9	19 10	0 30	1 34	1 6	8 23	0 56	0 37	2 45	19 46	0 45	17 20	1 23	16 36	16 37	19 2	19 13	17 1		n.a.
S 16	15 48	13 54	2 4	5 11	3 2	19 31	0 32	1 16	1 6	8 28	0 56	0 38	2 45	19 45	0 45	17 20	1 23	16 36	16 37	19 2	19 13	17 3		n.a.
M17	16 6	16 52	1 1	5 45	2 54	19 52	0 34	0 59	1 5	8 33	0 56	0 39	2 45	19 45	0 45	17 21	1 23	16 36	16 36	19 2	19 12	17 4		n.a.
T 18	16 23	19 8	0s 4	6 20	2 46	20 12	0 36	0 41	1 5	8 38	0 56	0 40	2 45	19 45	0 45	17 21	1 23	16 36	16 36	19 2	19 11	17 5		n.a.
W19	16 40	20 35	1 9	6 57	2 37	20 31	0 39	0 24	1 5	8 43	0 56	0 41	2 45	19 44	0 45	17 22	1 23	16 36	16 36	19 2	19 10	17 6		n.a.
T 20	16 57	21 7	2 11	7 36	2 28	20 50	0 41	0 6	1 4	8 48	0 56	0 42	2 44	19 44	0 45	17 23	1 23	16 36	16 35	19 2	19 9	17 7		n.a.
F 21	17 13	20 42	3 9	8 16	2 18	21 9	0 43	0n11	1 4	8 53	0 56	0 42	2 44	19 44	0 45	17 23	1 23	16 36	16 35	19 2	19 9	17 9		n.a.
S 22	17 30	19 18	3 58	8 57	2 8	21 27	0 45	0 29	1 4	8 58	0 56	0 43	2 44	19 43	0 44	17 24	1 23	16 36	16 34	19 2	19 8	17 10		n.a.
S 23	17 46	16 59	4 38	9 40	1 57	21 44	0 47	0 46	1 3	9 3	0 56	0 44	2 44	19 43	0 44	17 24	1 23	16 36	16 34	19 2	19 7	17 11		n.a.
M24	18 2	13 49	5 5	10 23	1 46	22 1	0 50	1 3	1 3	9 8	0 56	0 45	2 43	19 42	0 44	17 25	1 23	16 36	16 33	19 3	19 6	17 12		n.a.
T 25	18 17	9 54	5 17	11 8	1 35	22 17	0 52	1 20	1 3	9 13	0 56	0 46	2 43	19 42	0 44	17 26	1 23	16 36	16 33	19 3	19 5	17 13		n.a.
W26	18 32	5 24	5 13	11 54	1 24	22 32	0 54	1 38	1 2	9 18	0 56	0 46	2 43	19 41	0 44	17 26	1 23	16 36	16 32	19 3	19 5	17 15		n.a.
T 27	18 47	0 30	4 51	12 40	1 12	22 47	0 56	1 55	1 2	9 22	0 55	0 47	2 43	19 41	0 44	17 27	1 23	16 35	16 32	19 2	19 4	17 16		n.a.
F 28	19 2	4s36	4 10	13 26	1 0	23 1	0 58	2 12	1 1	9 27	0 55	0 48	2 43	19 41	0 44	17 27	1 23	16 35	16 31	19 2	19 3	17 17		n.a.
S 29	19 16	9 34	3 13	14 13	0 49	23 15	1 0	2 29	1 1	9 32	0 55	0 48	2 42	19 40	0 44	17 28	1 23	16 35	16 31	19 2	19 2	17 18		n.a.
S 30	19 30	14 5	2 1	15 0	0 37	23 28	1 2	2 46	1 1	9 37	0 55	0 49	2 42	19 40	0 44	17 28	1 23	16 35	16 30	19 3	19 1	17 19		n.a.
M31	19n43	17s43	0s40	15n47	0s25	23n40	1n 4	3n 3	1s 0	9n42	0s55	0n49	2n42	19n39	0n44	17n29	1s23	16n35	16n30	19s 3	19s 1	17n20		n.a.

Julian Day Number = 1273381.5, Delta T = 08h15m01s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'21, Lahiri = -20°53'21 Julian Calendar 1 May 1227 BCE == Greg. Calendar 20 Apr. 1227 BCE

The year -1226 astronomical counting style corresponds to year 1227 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1227 BCE
geocentric

JUNE 1227 BCE (-1226) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 51 41	27♉34'21	1♐48	15♉35	13♊17	10♈33	27♈10	4°R 3	6♌36	22♉58	26°R12	23°R50	23♏39	15♉ 4	n.a.	T 1
W 2	15 55 38	28°31'25	16°51	17°36	14°30	11°15	27°22	4♎ 1	6°38	23° 1	26♍12	23♏50	23°36	15°10	n.a.	W 2
T 3	15 59 35	29°28'30	1♑40	19°38	15°44	11°56	27°35	3°59	6°40	23° 3	26°11	23°49	23°33	15°17	n.a.	T 3
F 4	16 3 31	0♊25'36	16° 6	21°42	16°57	12°37	27°48	3°58	6°42	23° 5	26°11	23°48	23°29	15°24	n.a.	F 4
S 5	16 7 28	1°22'42	0♒ 7	23°48	18°11	13°19	28° 1	3°57	6°44	23° 7	26°10	23°48	23°26	15°30	n.a.	S 5
S 6	16 11 24	2°19'49	13°40	25°55	19°24	14° 0	28°13	3°55	6°46	23°10	26°10	23°47	23°23	15°37	n.a.	S 6
M 7	16 15 21	3°16'57	26°48	28° 2	20°38	14°41	28°26	3°54	6°48	23°12	26° 9	23°47	23°20	15°43	n.a.	M 7
T 8	16 19 17	4°14'05	9♓32	0♊11	21°51	15°22	28°38	3°53	6°51	23°14	26° 9	23°D47	23°17	15°50	n.a.	T 8
W 9	16 23 14	5°11'15	21°57	2°19	23° 5	16° 3	28°51	3°52	6°53	23°16	26° 9	23°47	23°14	15°57	n.a.	W 9
T 10	16 27 10	6° 8'25	4♈ 5	4°27	24°18	16°44	29° 3	3°51	6°55	23°18	26° 8	23°48	23°10	16° 3	n.a.	T 10
F 11	16 31 7	7° 5'36	16° 3	6°35	25°32	17°25	29°16	3°50	6°57	23°21	26° 8	23°49	23° 7	16°10	n.a.	F 11
S 12	16 35 4	8° 2'48	27°54	8°42	26°45	18° 5	29°28	3°49	7° 0	23°23	26° 8	23°50	23° 4	16°17	n.a.	S 12
S 13	16 39 0	9° 0'01	9♉41	10°49	27°59	18°46	29°40	3°48	7° 2	23°25	26° 8	23°51	23° 1	16°23	n.a.	S 13
M14	16 42 57	9°57'15	21°28	12°55	29°12	19°26	29°52	3°48	7° 5	23°27	26° 7	23°R52	22°58	16°30	n.a.	M14
T 15	16 46 53	10°54'30	3♊18	14°59	0♋26	20° 7	0♉ 4	3°47	7° 7	23°29	26° 7	23°52	22°55	16°37	n.a.	T 15
W16	16 50 50	11°51'45	15°13	17° 3	1°39	20°47	0°16	3°47	7°10	23°31	26° 7	23°50	22°51	16°43	n.a.	W16
T 17	16 54 46	12°49'02	27°15	19° 5	2°53	21°28	0°28	3°47	7°12	23°34	26° 7	23°48	22°48	16°50	n.a.	T 17
F 18	16 58 43	13°46'19	9♋26	21° 6	4° 6	22° 8	0°40	3°46	7°15	23°36	26°D 7	23°46	22°45	16°57	n.a.	F 18
S 19	17 2 39	14°43'37	21°48	23° 5	5°19	22°48	0°52	3°46	7°17	23°38	26° 7	23°43	22°42	17° 3	n.a.	S 19
S 20	17 6 36	15°40'56	4♌23	25° 2	6°33	23°28	1° 4	3°D46	7°20	23°40	26° 7	23°39	22°39	17°10	n.a.	S 20
M21	17 10 33	16°38'15	17°12	26°58	7°46	24° 8	1°15	3°46	7°23	23°42	26° 7	23°37	22°35	17°17	n.a.	M21
T 22	17 14 29	17°35'36	0♍17	28°53	9° 0	24°48	1°27	3°47	7°25	23°44	26° 7	23°35	22°32	17°23	n.a.	T 22
W23	17 18 26	18°32'56	13°40	0♋46	10°13	25°28	1°39	3°47	7°28	23°46	26° 8	23°D34	22°29	17°30	n.a.	W23
T 24	17 22 22	19°30'18	27°22	2°37	11°26	26° 7	1°50	3°47	7°31	23°48	26° 8	23°34	22°26	17°36	n.a.	T 24
F 25	17 26 19	20°27'41	11♎25	4°27	12°40	26°47	2° 1	3°48	7°34	23°50	26° 8	23°35	22°23	17°43	n.a.	F 25
S 26	17 30 15	21°25'04	25°47	6°15	13°53	27°27	2°13	3°48	7°37	23°52	26° 8	23°36	22°20	17°50	n.a.	S 26
S 27	17 34 12	22°22'28	10♏25	8° 1	15° 7	28° 6	2°24	3°49	7°40	23°54	26° 9	23°37	22°16	17°56	n.a.	S 27
M28	17 38 9	23°19'54	25°16	9°46	16°20	28°45	2°35	3°50	7°43	23°56	26° 9	23°R38	22°13	18° 3	n.a.	M28
T 29	17 42 5	24°17'20	10♐14	11°29	17°33	29°25	2°46	3°51	7°46	23°58	26° 9	23°37	22°10	18°10	n.a.	T 29
W30	17 46 2	25♊14'48	25♐ 9	13♋11	18♋46	0♉ 4	2♉57	3♎51	7♌49	24♉ 0	26♍10	23♏35	22♏ 7	18♉16	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n57	20s 9	0n44	16n34	0s13	23n51	1n 5	3n20	1s 0	9n46	0s55	0n50	2n42	19n39	0n44	17n30	1s23	16n34	16n29	19s 3	19s 0	17n22		n.a.
W 2	20 10	21 7	2 5	17 20	0 2	24 2	1 7	3 37	0 59	9 51	0 55	0 50	2 41	19 38	0 44	17 30	1 23	16 34	16 28	19 2	18 59	17 23		n.a.
T 3	20 22	20 34	3 15	18 5	0n 9	24 12	1 9	3 54	0 59	9 56	0 55	0 51	2 41	19 38	0 44	17 31	1 23	16 34	16 28	19 2	18 58	17 24		n.a.
F 4	20 35	18 41	4 12	18 49	0 20	24 21	1 11	4 10	0 58	10 0	0 55	0 51	2 41	19 37	0 44	17 31	1 23	16 33	16 27	19 2	18 57	17 25		n.a.
S 5	20 47	15 44	4 51	19 32	0 30	24 30	1 12	4 27	0 58	10 5	0 55	0 51	2 41	19 36	0 44	17 32	1 23	16 33	16 27	19 2	18 57	17 26		n.a.
S 6	20 58	12 0	5 13	20 12	0 40	24 38	1 14	4 44	0 57	10 9	0 55	0 52	2 40	19 36	0 44	17 32	1 23	16 33	16 26	19 2	18 56	17 27		n.a.
M 7	21 10	7 49	5 17	20 52	0 50	24 45	1 15	5 0	0 57	10 14	0 55	0 52	2 40	19 35	0 44	17 33	1 23	16 32	16 26	19 2	18 55	17 28		n.a.
T 8	21 21	3 25	5 6	21 29	0 58	24 52	1 17	5 17	0 56	10 19	0 55	0 52	2 40	19 35	0 44	17 34	1 23	16 32	16 25	19 2	18 54	17 30		n.a.
W 9	21 31	1n 2	4 40	22 4	1 7	24 58	1 18	5 33	0 56	10 23	0 55	0 52	2 40	19 34	0 44	17 34	1 23	16 32	16 25	19 2	18 53	17 31		n.a.
T 10	21 42	5 21	4 2	22 36	1 14	25 3	1 20	5 50	0 56	10 27	0 55	0 53	2 39	19 33	0 44	17 35	1 23	16 31	16 24	19 2	18 53	17 32		n.a.
F 11	21 51	9 24	3 15	23 6	1 21	25 7	1 21	6 6	0 55	10 32	0 55	0 53	2 39	19 33	0 44	17 35	1 23	16 31	16 23	19 2	18 52	17 33		n.a.
S 12	22 1	13 3	2 19	23 33	1 27	25 10	1 22	6 22	0 55	10 36	0 55	0 53	2 39	19 32	0 44	17 36	1 23	16 30	16 23	19 3	18 51	17 34		n.a.
S 13	22 10	16 11	1 18	23 58	1 33	25 13	1 24	6 38	0 54	10 41	0 55	0 53	2 39	19 32	0 44	17 36	1 23	16 30	16 22	19 3	18 50	17 35		n.a.
M14	22 19	18 39	0 13	24 20	1 37	25 15	1 25	6 54	0 53	10 45	0 55	0 53	2 38	19 31	0 44	17 37	1 23	16 30	16 22	19 3	18 49	17 36		n.a.
T 15	22 27	20 19	0s52	24 39	1 41	25 16	1 26	7 10	0 53	10 49	0 55	0 53	2 38	19 30	0 44	17 37	1 23	16 29	16 21	19 3	18 48	17 37		n.a.
W16	22 35	21 5	1 55	24 56	1 45	25 17	1 27	7 26	0 52	10 54	0 56	0 53	2 38	19 30	0 44	17 38	1 23	16 29	16 21	19 3	18 48	17 38		n.a.
T 17	22 43	20 54	2 54	25 10	1 47	25 16	1 28	7 42	0 52	10 58	0 56	0 53	2 37	19 29	0 44	17 38	1 23	16 28	16 20	19 2	18 47	17 39		n.a.
F 18	22 50	19 45	3 46	25 21	1 49	25 15	1 29	7 58	0 51	11 2	0 56	0 52	2 37	19 28	0 44	17 39	1 23	16 28	16 19	19 2	18 46	17 41		n.a.
S 19	22 57	17 38	4 28	25 30	1 51	25 13	1 30	8 14	0 51	11 6	0 56	0 52	2 37	19 27	0 44	17 39	1 23	16 27	16 19	19 1	18 45	17 42		n.a.
S 20	23 3	14 40	4 57	25 36	1 51	25 11	1 31	8 29	0 50	11 10	0 56	0 52	2 37	19 27	0 44	17 40	1 23	16 26	16 18	19 0	18 44	17 43		n.a.
M21	23 9	10 58	5 13	25 40	1 51	25 8	1 31	8 45	0 50	11 14	0 56	0 52	2 36	19 26	0 44	17 41	1 23	16 26	16 18	18 59	18 44	17 44		n.a.
T 22	23 15	6 41	5 13	25 41	1 51	25 3	1 32	9 0	0 49	11 18	0 56	0 51	2 36	19 25	0 43	17 41	1 23	16 25	16 17	18 59	18 43	17 45		n.a.
W23	23 20	1 59	4 56	25 40	1 50	24 59	1 33	9 15	0 49	11 22	0 56	0 51	2 36	19 25	0 43	17 42	1 23	16 25	16 16	18 58	18 42	17 46		n.a.
T 24	23 25	2s56	4 22	25 37	1 48	24 53	1 33	9 30	0 48	11 26	0 56	0 51	2 36	19 24	0 43	17 42	1 23	16 24	16 16	18 58	18 41	17 47		n.a.
F 25	23 29	7 49	3 32	25 32	1 46	24 47	1 34	9 45	0 47	11 30	0 56	0 50	2 35	19 23	0 43	17 43	1 23	16 23	16 15	18 59	18 40	17 48		n.a.
S 26	23 33	12 24	2 27	25 24	1 43	24 39	1 34	10 0	0 47	11 34	0 56	0 50	2 35	19 22	0 43	17 43	1 23	16 23	16 15	18 59	18 39	17 49		n.a.
S 27	23 37	16 20	1 12	25 15	1 40	24 32	1 34	10 15	0 46	11 38	0 56	0 49	2 35	19 21	0 43	17 44	1 23	16 22	16 14	18 59	18 39	17 50		n.a.
M28	23 40	19 15	0n 9	25 4	1 36	24 23	1 35	10 30	0 46	11 42	0 56	0 49	2 34	19 21	0 43	17 44	1 23	16 21	16 14	18 59	18 38	17 51		n.a.
T 29	23 43	20 52	1 30	24 52	1 32	24 14	1 35	10 45	0 45	11 46	0 56	0 48	2 34	19 20	0 43	17 45	1 23	16 21	16 13	18 59	18 37	17 52		n.a.
W30	23n45	21s 1	2n44	24n38	1n28	24n 4	1n35	10n59	0s44	11n49	0s56	0n47	2n34	19n19	0n43	17n45	1s23	16n20	16n12	18s59	18s36	17n53		n.a.

Julian Day Number = 1273412.5, Delta T = 08h14m59s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'17, Lahiri = -20°53'17 Julian Calendar 1 June 1227 BCE == Greg. Calendar 21 May 1227 BCE

The year -1226 astronomical counting style corresponds to year 1227 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1227 BCE
geocentric

JULY 1227 BCE (-1226) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 49 58	26♊12'17	9♉55	14♋51	20♋ 0	0♉43	3♉ 7	3♎52	7♌52	24♉ 2	26♍10	23°R31	22♏ 4	18♉23	n.a.	T 1
F 2	17 53 55	27° 9'47	24°23	16°29	21°13	1°22	3°18	3°54	7°55	24° 4	26°11	23♏26	22° 1	18°30	n.a.	F 2
S 3	17 57 51	28° 7'18	8♒27	18° 6	22°26	2° 1	3°29	3°55	7°58	24° 6	26°11	23°21	21°57	18°36	n.a.	S 3
S 4	18 1 48	29° 4'52	22° 6	19°42	23°40	2°40	3°39	3°56	8° 1	24° 8	26°12	23°16	21°54	18°43	n.a.	S 4
M 5	18 5 44	0♋ 2'26	5♓18	21°16	24°53	3°18	3°50	3°58	8° 4	24°10	26°12	23°12	21°51	18°50	n.a.	M 5
T 6	18 9 41	1° 0'03	18° 5	22°48	26° 6	3°57	4° 0	3°59	8° 7	24°12	26°13	23°10	21°48	18°56	n.a.	T 6
W 7	18 13 38	1°57'41	0♈31	24°19	27°19	4°36	4°10	4° 1	8°11	24°14	26°13	23°D 9	21°45	19° 3	n.a.	W 7
T 8	18 17 34	2°55'20	12°39	25°48	28°33	5°14	4°20	4° 2	8°14	24°15	26°14	23° 9	21°41	19°10	n.a.	T 8
F 9	18 21 31	3°53'02	24°35	27°16	29°46	5°53	4°30	4° 4	8°17	24°17	26°15	23°11	21°38	19°16	n.a.	F 9
S 10	18 25 27	4°50'45	6♉25	28°42	0♌59	6°31	4°40	4° 6	8°20	24°19	26°15	23°12	21°35	19°23	n.a.	S 10
S 11	18 29 24	5°48'31	18°12	0♌ 6	2°12	7° 9	4°50	4° 8	8°24	24°21	26°16	23°R13	21°32	19°29	n.a.	S 11
M12	18 33 20	6°46'17	0♊ 0	1°29	3°25	7°47	5° 0	4°10	8°27	24°23	26°17	23°13	21°29	19°36	n.a.	M12
T 13	18 37 17	7°44'06	11°55	2°50	4°39	8°25	5°10	4°12	8°30	24°24	26°18	23°11	21°26	19°43	n.a.	T 13
W14	18 41 13	8°41'57	23°59	4° 9	5°52	9° 3	5°19	4°14	8°34	24°26	26°19	23° 7	21°22	19°49	n.a.	W14
T 15	18 45 10	9°39'49	6♋13	5°27	7° 5	9°41	5°28	4°17	8°37	24°28	26°20	23° 2	21°19	19°56	n.a.	T 15
F 16	18 49 7	10°37'43	18°40	6°42	8°18	10°19	5°38	4°19	8°41	24°30	26°21	22°54	21°16	20° 3	n.a.	F 16
S 17	18 53 3	11°35'38	1♌20	7°56	9°31	10°56	5°47	4°22	8°44	24°31	26°22	22°45	21°13	20° 9	n.a.	S 17
S 18	18 57 0	12°33'35	14°12	9° 8	10°44	11°34	5°56	4°24	8°48	24°33	26°23	22°37	21°10	20°16	n.a.	S 18
M19	19 0 56	13°31'34	27°18	10°18	11°57	12°11	6° 5	4°27	8°51	24°34	26°24	22°29	21° 7	20°23	n.a.	M19
T 20	19 4 53	14°29'34	10♍36	11°26	13°10	12°48	6°13	4°30	8°55	24°36	26°25	22°22	21° 3	20°29	n.a.	T 20
W21	19 8 49	15°27'35	24° 6	12°31	14°23	13°26	6°22	4°33	8°58	24°38	26°26	22°18	21° 0	20°36	n.a.	W21
T 22	19 12 46	16°25'39	7♎50	13°34	15°36	14° 3	6°30	4°36	9° 2	24°39	26°27	22°16	20°57	20°43	n.a.	T 22
F 23	19 16 42	17°23'43	21°45	14°35	16°49	14°40	6°39	4°39	9° 5	24°41	26°28	22°D16	20°54	20°49	n.a.	F 23
S 24	19 20 39	18°21'50	5♏53	15°33	18° 2	15°16	6°47	4°42	9° 9	24°42	26°29	22°17	20°51	20°56	n.a.	S 24
S 25	19 24 36	19°19'57	20°13	16°28	19°15	15°53	6°55	4°45	9°13	24°44	26°30	22°R17	20°47	21° 2	n.a.	S 25
M26	19 28 32	20°18'07	4♐42	17°20	20°28	16°30	7° 3	4°48	9°16	24°45	26°32	22°17	20°44	21° 9	n.a.	M26
T 27	19 32 29	21°16'18	19°16	18°10	21°41	17° 6	7°11	4°52	9°20	24°46	26°33	22°14	20°41	21°16	n.a.	T 27
W28	19 36 25	22°14'31	3♑51	18°55	22°54	17°43	7°19	4°55	9°24	24°48	26°34	22° 9	20°38	21°22	n.a.	W28
T 29	19 40 22	23°12'46	18°19	19°38	24° 7	18°19	7°26	4°59	9°27	24°49	26°36	22° 1	20°35	21°29	n.a.	T 29
F 30	19 44 18	24°11'02	2♒36	20°16	25°20	18°55	7°34	5° 2	9°31	24°51	26°37	21°52	20°32	21°36	n.a.	F 30
S 31	19 48 15	25♋ 9'21	16♒34	20♌51	26♌32	19♉31	7♉41	5♎ 6	9♌35	24♉52	26♍38	21♏42	20♏28	21♉42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n47	19s42	3n47	24n22	1n23	23n53	1n35	11n14	0s44	11n53	0s56	0n47	2n34	19n18	0n43	17n45	1s23	16n19	16n12	18s58	18s35	17n54			n.a.
F 2	23 48	17 7	4 33	24 5	1 17	23 42	1 35	11 28	0 43	11 57	0 56	0 46	2 33	19 17	0 43	17 46	1 23	16 19	16 11	18 57	18 34	17 55			n.a.
S 3	23 49	13 36	5 2	23 46	1 12	23 30	1 35	11 43	0 43	12 0	0 56	0 45	2 33	19 17	0 43	17 46	1 23	16 18	16 11	18 55	18 34	17 56			n.a.
S 4	23 50	9 28	5 12	23 27	1 5	23 17	1 35	11 57	0 42	12 4	0 56	0 44	2 33	19 16	0 43	17 47	1 23	16 17	16 10	18 54	18 33	17 57			n.a.
M 5	23 50	5 0	5 5	23 6	0 59	23 3	1 34	12 11	0 41	12 8	0 56	0 44	2 33	19 15	0 43	17 47	1 23	16 16	16 9	18 53	18 32	17 58			n.a.
T 6	23 50	0 27	4 43	22 44	0 52	22 49	1 34	12 25	0 41	12 11	0 56	0 43	2 32	19 14	0 43	17 48	1 23	16 16	16 9	18 52	18 31	17 59			n.a.
W 7	23 49	4n 0	4 8	22 21	0 45	22 34	1 34	12 38	0 40	12 15	0 56	0 42	2 32	19 13	0 43	17 48	1 23	16 15	16 8	18 52	18 30	18 0			n.a.
T 8	23 48	8 11	3 23	21 57	0 38	22 19	1 33	12 52	0 39	12 18	0 56	0 41	2 32	19 12	0 43	17 49	1 23	16 14	16 8	18 52	18 29	18 1			n.a.
F 9	23 47	12 0	2 30	21 33	0 30	22 3	1 33	13 6	0 39	12 21	0 56	0 40	2 31	19 11	0 43	17 49	1 23	16 13	16 7	18 53	18 29	18 2			n.a.
S 10	23 45	15 18	1 30	21 8	0 22	21 46	1 32	13 19	0 38	12 25	0 56	0 39	2 31	19 10	0 43	17 50	1 23	16 12	16 6	18 53	18 28	18 3			n.a.
S 11	23 42	17 58	0 27	20 42	0 14	21 29	1 31	13 33	0 37	12 28	0 56	0 38	2 31	19 10	0 43	17 50	1 23	16 12	16 6	18 53	18 27	18 4			n.a.
M12	23 40	19 53	0s37	20 15	0 6	21 11	1 30	13 46	0 37	12 31	0 56	0 37	2 31	19 9	0 43	17 50	1 23	16 11	16 5	18 53	18 26	18 5			n.a.
T 13	23 36	20 57	1 40	19 48	0s 3	20 52	1 30	13 59	0 36	12 34	0 56	0 36	2 30	19 8	0 43	17 51	1 23	16 10	16 5	18 53	18 25	18 6			n.a.
W14	23 33	21 3	2 39	19 21	0 12	20 33	1 29	14 12	0 35	12 38	0 56	0 35	2 30	19 7	0 43	17 51	1 23	16 9	16 4	18 52	18 24	18 7			n.a.
T 15	23 29	20 10	3 31	18 53	0 21	20 13	1 28	14 25	0 34	12 41	0 57	0 33	2 30	19 6	0 43	17 52	1 23	16 8	16 4	18 50	18 23	18 8			n.a.
F 16	23 24	18 19	4 15	18 26	0 30	19 53	1 27	14 37	0 34	12 44	0 57	0 32	2 30	19 5	0 43	17 52	1 23	16 7	16 3	18 48	18 23	18 9			n.a.
S 17	23 19	15 33	4 46	17 57	0 39	19 32	1 26	14 50	0 33	12 47	0 57	0 31	2 29	19 4	0 43	17 52	1 23	16 6	16 2	18 46	18 22	18 10			n.a.
S 18	23 14	12 0	5 4	17 29	0 49	19 11	1 24	15 3	0 32	12 50	0 57	0 30	2 29	19 3	0 43	17 53	1 23	16 5	16 2	18 44	18 21	18 11			n.a.
M19	23 8	7 50	5 6	17 1	0 58	18 49	1 23	15 15	0 31	12 53	0 57	0 28	2 29	19 2	0 43	17 53	1 23	16 5	16 1	18 42	18 20	18 12			n.a.
T 20	23 2	3 13	4 52	16 33	1 8	18 27	1 22	15 27	0 31	12 56	0 57	0 27	2 29	19 1	0 43	17 53	1 23	16 4	16 1	18 40	18 19	18 13			n.a.
W21	22 56	1s37	4 21	16 5	1 18	18 4	1 20	15 39	0 30	12 58	0 57	0 26	2 28	19 0	0 43	17 54	1 23	16 3	16 0	18 39	18 18	18 14			n.a.
T 22	22 49	6 27	3 36	15 38	1 28	17 40	1 19	15 51	0 29	13 1	0 57	0 24	2 28	18 59	0 43	17 54	1 23	16 2	16 0	18 39	18 18	18 15			n.a.
F 23	22 41	11 1	2 36	15 11	1 38	17 17	1 17	16 3	0 28	13 4	0 57	0 23	2 28	18 58	0 43	17 54	1 23	16 1	15 59	18 38	18 17	18 16			n.a.
S 24	22 33	15 4	1 27	14 44	1 48	16 52	1 15	16 15	0 28	13 7	0 57	0 21	2 28	18 57	0 43	17 55	1 23	16 0	15 59	18 39	18 16	18 17			n.a.
S 25	22 25	18 16	0 11	14 18	1 58	16 28	1 14	16 26	0 27	13 9	0 57	0 20	2 27	18 56	0 43	17 55	1 23	15 59	15 58	18 39	18 15	18 18			n.a.
M26	22 16	20 21	1n 6	13 52	2 8	16 3	1 12	16 38	0 26	13 12	0 57	0 18	2 27	18 55	0 43	17 55	1 23	15 58	15 58	18 39	18 14	18 19			n.a.
T 27	22 7	21 5	2 19	13 28	2 18	15 37	1 10	16 49	0 25	13 14	0 57	0 17	2 27	18 54	0 43	17 56	1 23	15 57	15 57	18 38	18 13	18 20			n.a.
W28	21 58	20 24	3 23	13 4	2 27	15 11	1 8	17 0	0 24	13 17	0 57	0 15	2 27	18 53	0 43	17 56	1 23	15 56	15 57	18 37	18 12	18 20			n.a.
T 29	21 48	18 22	4 14	12 41	2 37	14 45	1 6	17 11	0 24	13 19	0 57	0 13	2 26	18 52	0 43	17 56	1 23	15 55	15 56	18 35	18 12	18 21			n.a.
F 30	21 38	15 15	4 47	12 20	2 47	14 18	1 4	17 22	0 23	13 22	0 57	0 12	2 26	18 51	0 43	17 57	1 24	15 54	15 55	18 32	18 11	18 22			n.a.
S 31	21n28	11s19	5n 3	12n 0	2s56	13n51	1n 2	17n33	0s22	13n24	0s58	0n10	2n26	18n50	0n43	17n57	1s24	15n53	15n55	18s30	18s10	18n23			n.a.

Julian Day Number = 1273442.5, Delta T = 08h14m57s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'13, Lahiri = -20°53'13 Julian Calendar 1 July 1227 BCE == Greg. Calendar 20 June 1227 BCE

The year -1226 astronomical counting style corresponds to year 1227 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1227 BCE
geocentric

AUGUST 1227 BCE (-1226) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 52 11	26♋ 7'41	0♓10	21♌21	27♌45	20♉ 7	7♉48	5♎10	9♌38	24♉53	26♍40	21°R32	20♏25	21♉49	n.a.	S 1
M 2	19 56 8	27° 6'04	13°21	21°46	28°58	20°43	7°55	5°14	9°42	24°54	26°41	21♏23	20°22	21°56	n.a.	M 2
T 3	20 0 5	28° 4'29	26° 9	22° 7	0♍11	21°19	8° 2	5°18	9°46	24°56	26°43	21°17	20°19	22° 2	n.a.	T 3
W 4	20 4 1	29° 2'56	8♈36	22°22	1°23	21°54	8° 9	5°22	9°50	24°57	26°44	21°12	20°16	22° 9	n.a.	W 4
T 5	20 7 58	0♌ 1'26	20°45	22°31	2°36	22°30	8°15	5°26	9°53	24°58	26°46	21°10	20°12	22°16	n.a.	T 5
F 6	20 11 54	0°59'57	2♉42	22°R35	3°49	23° 5	8°22	5°30	9°57	24°59	26°47	21°D10	20° 9	22°22	n.a.	F 6
S 7	20 15 51	1°58'31	14°31	22°32	5° 1	23°40	8°28	5°34	10° 1	25° 0	26°49	21°10	20° 6	22°29	n.a.	S 7
S 8	20 19 47	2°57'08	26°19	22°23	6°14	24°15	8°34	5°38	10° 5	25° 1	26°51	21°R10	20° 3	22°36	n.a.	S 8
M 9	20 23 44	3°55'47	8♊10	22° 7	7°26	24°50	8°40	5°43	10° 8	25° 2	26°52	21° 9	20° 0	22°42	n.a.	M 9
T 10	20 27 40	4°54'28	20° 9	21°44	8°39	25°25	8°46	5°47	10°12	25° 3	26°54	21° 6	19°57	22°49	n.a.	T 10
W11	20 31 37	5°53'12	2♋21	21°15	9°51	26° 0	8°51	5°52	10°16	25° 4	26°56	20°59	19°53	22°55	n.a.	W11
T 12	20 35 33	6°51'57	14°48	20°38	11° 4	26°34	8°57	5°56	10°20	25° 5	26°57	20°51	19°50	23° 2	n.a.	T 12
F 13	20 39 30	7°50'45	27°31	19°55	12°16	27° 9	9° 2	6° 1	10°24	25° 6	26°59	20°40	19°47	23° 9	n.a.	F 13
S 14	20 43 27	8°49'36	10♌30	19° 5	13°29	27°43	9° 7	6° 6	10°27	25° 7	27° 1	20°27	19°44	23°15	n.a.	S 14
S 15	20 47 23	9°48'28	23°46	18°10	14°41	28°17	9°12	6°11	10°31	25° 8	27° 3	20°14	19°41	23°22	n.a.	S 15
M16	20 51 20	10°47'22	7♍15	17°10	15°53	28°51	9°17	6°15	10°35	25° 9	27° 5	20° 3	19°38	23°29	n.a.	M16
T 17	20 55 16	11°46'19	20°55	16° 6	17° 6	29°25	9°21	6°20	10°39	25°10	27° 6	19°53	19°34	23°35	n.a.	T 17
W18	20 59 13	12°45'17	4♎43	15° 0	18°18	29°58	9°26	6°25	10°43	25°10	27° 8	19°46	19°31	23°42	n.a.	W18
T 19	21 3 9	13°44'17	18°38	13°53	19°30	0♊32	9°30	6°30	10°47	25°11	27°10	19°42	19°28	23°49	n.a.	T 19
F 20	21 7 6	14°43'19	2♏38	12°48	20°43	1° 5	9°34	6°36	10°50	25°12	27°12	19°40	19°25	23°55	n.a.	F 20
S 21	21 11 2	15°42'23	16°42	11°45	21°55	1°38	9°38	6°41	10°54	25°13	27°14	19°40	19°22	24° 2	n.a.	S 21
S 22	21 14 59	16°41'29	0♐49	10°46	23° 7	2°11	9°41	6°46	10°58	25°13	27°16	19°40	19°18	24° 9	n.a.	S 22
M23	21 18 55	17°40'37	14°59	9°53	24°19	2°44	9°45	6°51	11° 2	25°14	27°18	19°39	19°15	24°15	n.a.	M23
T 24	21 22 52	18°39'47	29° 9	9° 7	25°31	3°17	9°48	6°57	11° 5	25°14	27°20	19°35	19°12	24°22	n.a.	T 24
W25	21 26 49	19°38'59	13♑18	8°30	26°43	3°49	9°51	7° 2	11° 9	25°15	27°22	19°28	19° 9	24°29	n.a.	W25
T 26	21 30 45	20°38'13	27°22	8° 3	27°55	4°22	9°54	7° 8	11°13	25°15	27°24	19°19	19° 6	24°35	n.a.	T 26
F 27	21 34 42	21°37'28	11♒15	7°46	29° 7	4°54	9°57	7°13	11°17	25°16	27°26	19° 7	19° 3	24°42	n.a.	F 27
S 28	21 38 38	22°36'46	24°55	7°D39	0♎19	5°26	10° 0	7°19	11°21	25°16	27°28	18°55	18°59	24°48	n.a.	S 28
S 29	21 42 35	23°36'06	8♓18	7°43	1°31	5°58	10° 2	7°24	11°24	25°17	27°30	18°42	18°56	24°55	n.a.	S 29
M30	21 46 31	24°35'28	21°21	7°57	2°42	6°29	10° 4	7°30	11°28	25°17	27°32	18°31	18°53	25° 2	n.a.	M30
T 31	21 50 28	25♌34'53	4♈ 3	8♌22	3♎54	7♊ 1	10♉ 6	7♎36	11♌32	25♉17	27♍34	18♏22	18♏50	25♉ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21n17	6s55	5n 0	11n42	3s 5	13n23	1n 0	17n44	0s21	13n26	0s58	0n 8	2n26	18n49	0n43	17n57	1s24	15n52	15n54	18s27	18s 9	18n24			n.a.
M 2	21 5	2 19	4 42	11 26	3 14	12 55	0 58	17 54	0 20	13 28	0 58	0 7	2 25	18 48	0 43	17 58	1 24	15 51	15 54	18 25	18 8	18 25			n.a.
T 3	20 54	2n16	4 10	11 11	3 23	12 27	0 55	18 5	0 19	13 31	0 58	0 5	2 25	18 47	0 43	17 58	1 24	15 50	15 53	18 23	18 7	18 26			n.a.
W 4	20 41	6 37	3 27	10 59	3 30	11 59	0 53	18 15	0 19	13 33	0 58	0 3	2 25	18 46	0 43	17 58	1 24	15 49	15 53	18 22	18 6	18 27			n.a.
T 5	20 29	10 37	2 35	10 49	3 38	11 30	0 50	18 25	0 18	13 35	0 58	0 1	2 25	18 45	0 43	17 58	1 24	15 48	15 53	18 21	18 6	18 28			n.a.
F 6	20 16	14 7	1 37	10 41	3 44	11 1	0 48	18 35	0 17	13 37	0 58	0s 1	2 25	18 44	0 43	17 59	1 24	15 46	15 52	18 21	18 5	18 29			n.a.
S 7	20 3	17 1	0 35	10 36	3 50	10 32	0 45	18 45	0 16	13 39	0 58	0 3	2 24	18 43	0 43	17 59	1 24	15 45	15 52	18 21	18 4	18 29			n.a.
S 8	19 49	19 12	0s27	10 35	3 55	10 2	0 43	18 54	0 15	13 41	0 58	0 5	2 24	18 42	0 43	17 59	1 24	15 44	15 51	18 21	18 3	18 30			n.a.
M 9	19 36	20 34	1 29	10 36	3 59	9 32	0 40	19 4	0 14	13 43	0 58	0 7	2 24	18 41	0 43	17 59	1 24	15 43	15 51	18 21	18 2	18 31			n.a.
T 10	19 21	21 1	2 28	10 41	4 1	9 2	0 37	19 13	0 13	13 44	0 58	0 9	2 24	18 40	0 43	18 0	1 24	15 42	15 50	18 20	18 1	18 32			n.a.
W11	19 7	20 29	3 20	10 50	4 3	8 32	0 34	19 23	0 12	13 46	0 58	0 11	2 23	18 39	0 43	18 0	1 24	15 41	15 50	18 18	18 0	18 33			n.a.
T 12	18 52	18 57	4 4	11 2	4 2	8 1	0 32	19 32	0 11	13 48	0 58	0 13	2 23	18 38	0 43	18 0	1 24	15 40	15 49	18 16	17 59	18 34			n.a.
F 13	18 37	16 29	4 37	11 17	4 0	7 31	0 29	19 41	0 10	13 49	0 58	0 15	2 23	18 37	0 43	18 0	1 24	15 39	15 49	18 13	17 59	18 35			n.a.
S 14	18 21	13 9	4 56	11 37	3 56	7 0	0 26	19 49	0 10	13 51	0 59	0 17	2 23	18 36	0 43	18 0	1 24	15 38	15 48	18 10	17 58	18 35			n.a.
S 15	18 5	9 6	5 0	11 59	3 51	6 29	0 23	19 58	0 9	13 52	0 59	0 19	2 23	18 35	0 43	18 0	1 24	15 37	15 48	18 6	17 57	18 36			n.a.
M16	17 49	4 33	4 48	12 25	3 43	5 57	0 20	20 7	0 8	13 54	0 59	0 21	2 22	18 34	0 43	18 1	1 24	15 35	15 48	18 3	17 56	18 37			n.a.
T 17	17 33	0s17	4 18	12 53	3 33	5 26	0 17	20 15	0 7	13 55	0 59	0 23	2 22	18 33	0 43	18 1	1 24	15 34	15 47	18 0	17 55	18 38			n.a.
W18	17 16	5 10	3 34	13 24	3 21	4 54	0 13	20 23	0 6	13 57	0 59	0 25	2 22	18 32	0 43	18 1	1 24	15 33	15 47	17 58	17 54	18 39			n.a.
T 19	16 59	9 49	2 36	13 57	3 7	4 23	0 10	20 32	0 5	13 58	0 59	0 28	2 22	18 30	0 43	18 1	1 24	15 32	15 46	17 57	17 53	18 40			n.a.
F 20	16 41	13 59	1 29	14 30	2 52	3 51	0 7	20 40	0 4	13 59	0 59	0 30	2 22	18 29	0 43	18 1	1 24	15 31	15 46	17 57	17 52	18 40			n.a.
S 21	16 24	17 21	0 16	15 5	2 35	3 19	0 4	20 47	0 3	14 0	0 59	0 32	2 21	18 28	0 43	18 1	1 24	15 30	15 46	17 57	17 52	18 41			n.a.
S 22	16 6	19 42	0n59	15 38	2 17	2 47	0 1	20 55	0 2	14 1	0 59	0 34	2 21	18 27	0 43	18 1	1 24	15 29	15 45	17 57	17 51	18 42			n.a.
M23	15 47	20 50	2 10	16 11	1 57	2 15	0s 3	21 3	0 1	14 2	0 59	0 37	2 21	18 26	0 43	18 2	1 24	15 28	15 45	17 56	17 50	18 43			n.a.
T 24	15 29	20 38	3 13	16 42	1 38	1 43	0 6	21 10	0n 0	14 3	0 59	0 39	2 21	18 25	0 43	18 2	1 24	15 26	15 44	17 55	17 49	18 44			n.a.
W25	15 10	19 7	4 3	17 11	1 18	1 11	0 9	21 17	0 1	14 4	0 59	0 41	2 21	18 24	0 43	18 2	1 24	15 25	15 44	17 53	17 48	18 44			n.a.
T 26	14 51	16 29	4 39	17 37	0 58	0 39	0 13	21 25	0 3	14 5	1 0	0 44	2 21	18 23	0 43	18 2	1 24	15 24	15 44	17 51	17 47	18 45			n.a.
F 27	14 32	12 55	4 58	18 1	0 39	0 7	0 16	21 32	0 4	14 6	1 0	0 46	2 20	18 22	0 43	18 2	1 25	15 23	15 43	17 48	17 46	18 46			n.a.
S 28	14 12	8 45	4 59	18 20	0 20	0s26	0 20	21 39	0 5	14 7	1 0	0 48	2 20	18 21	0 43	18 2	1 25	15 22	15 43	17 44	17 45	18 47			n.a.
S 29	13 53	4 13	4 43	18 36	0 2	0 58	0 23	21 45	0 6	14 7	1 0	0 51	2 20	18 20	0 43	18 2	1 25	15 21	15 43	17 41	17 45	18 48			n.a.
M30	13 33	0n23	4 13	18 49	0n14	1 30	0 27	21 52	0 7	14 8	1 0	0 53	2 20	18 19	0 43	18 2	1 25	15 20	15 42	17 37	17 44	18 48			n.a.
T 31	13n12	4n51	3n31	18n57	0n30	2s 2	0s30	21n59	0n 8	14n 9	1s 0	0s56	2n20	18n18	0n43	18n 2	1s25	15n18	15n42	17s35	17s43	18n49			n.a.

Julian Day Number = 1273473.5, Delta T = 08h14m56s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'09, Lahiri = -20°53'08 Julian Calendar 1 Aug. 1227 BCE == Greg. Calendar 21 July 1227 BCE

The year -1226 astronomical counting style corresponds to year 1227 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1227 BCE
geocentric

SEPTEMBER 1227 BCE (-1226) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 54 24	26♌34'20	16♈28	8♌56	5♎ 6	7♊32	10♉ 8	7♎42	11♌35	25♉18	27♍37	18°R16	18♏47	25♉15	n.a.	W 1
T 2	21 58 21	27°33'49	28°36	9°39	6°17	8° 3	10° 9	7°47	11°39	25°18	27°39	18♏12	18°44	25°22	n.a.	T 2
F 3	22 2 17	28°33'21	10♉32	10°31	7°29	8°34	10°11	7°53	11°43	25°18	27°41	18°11	18°40	25°28	n.a.	F 3
S 4	22 6 14	29°32'55	22°22	11°30	8°40	9° 5	10°12	7°59	11°47	25°19	27°43	18°D11	18°37	25°35	n.a.	S 4
S 5	22 10 11	0♍32'32	4♊ 9	12°36	9°52	9°35	10°13	8° 5	11°50	25°19	27°45	18°R11	18°34	25°42	n.a.	S 5
M 6	22 14 7	1°32'11	16° 1	13°48	11° 3	10° 6	10°14	8°11	11°54	25°19	27°48	18°10	18°31	25°48	n.a.	M 6
T 7	22 18 4	2°31'53	28° 3	15° 5	12°15	10°36	10°14	8°17	11°57	25°19	27°50	18° 7	18°28	25°55	n.a.	T 7
W 8	22 22 0	3°31'37	10♋18	16°27	13°26	11° 6	10°15	8°24	12° 1	25°19	27°52	18° 2	18°24	26° 2	n.a.	W 8
T 9	22 25 57	4°31'23	22°52	17°53	14°37	11°35	10°15	8°30	12° 5	25°19	27°54	17°54	18°21	26° 8	n.a.	T 9
F 10	22 29 53	5°31'12	5♌46	19°22	15°49	12° 5	10°R15	8°36	12° 8	25°R19	27°57	17°44	18°18	26°15	n.a.	F 10
S 11	22 33 50	6°31'03	19° 2	20°54	17° 0	12°34	10°15	8°42	12°12	25°19	27°59	17°32	18°15	26°21	n.a.	S 11
S 12	22 37 46	7°30'56	2♍38	22°28	18°11	13° 3	10°14	8°48	12°15	25°19	28° 1	17°20	18°12	26°28	n.a.	S 12
M13	22 41 43	8°30'51	16°31	24° 4	19°22	13°32	10°14	8°55	12°19	25°19	28° 4	17° 9	18° 9	26°35	n.a.	M13
T 14	22 45 40	9°30'48	0♎38	25°41	20°33	14° 0	10°13	9° 1	12°22	25°19	28° 6	17° 0	18° 5	26°41	n.a.	T 14
W15	22 49 36	10°30'47	14°52	27°19	21°44	14°29	10°12	9° 8	12°26	25°19	28° 8	16°54	18° 2	26°48	n.a.	W15
T 16	22 53 33	11°30'48	29°10	28°59	22°55	14°57	10°11	9°14	12°29	25°18	28°11	16°50	17°59	26°55	n.a.	T 16
F 17	22 57 29	12°30'51	13♏27	0♍38	24° 6	15°24	10° 9	9°21	12°33	25°18	28°13	16°D49	17°56	27° 1	n.a.	F 17
S 18	23 1 26	13°30'56	27°40	2°19	25°16	15°52	10° 8	9°27	12°36	25°18	28°15	16°49	17°53	27° 8	n.a.	S 18
S 19	23 5 22	14°31'03	11♐48	3°59	26°27	16°19	10° 6	9°34	12°40	25°18	28°18	16°R50	17°49	27°15	n.a.	S 19
M20	23 9 19	15°31'11	25°49	5°40	27°37	16°46	10° 4	9°40	12°43	25°17	28°20	16°49	17°46	27°21	n.a.	M20
T 21	23 13 15	16°31'21	9♑44	7°21	28°48	17°13	10° 2	9°47	12°46	25°17	28°23	16°47	17°43	27°28	n.a.	T 21
W22	23 17 12	17°31'32	23°31	9° 1	29°58	17°39	9°59	9°53	12°50	25°16	28°25	16°42	17°40	27°35	n.a.	W22
T 23	23 21 8	18°31'45	7♒ 9	10°42	1♏ 9	18° 5	9°57	10° 0	12°53	25°16	28°27	16°35	17°37	27°41	n.a.	T 23
F 24	23 25 5	19°32'00	20°36	12°22	2°19	18°31	9°54	10° 7	12°56	25°16	28°30	16°26	17°34	27°48	n.a.	F 24
S 25	23 29 2	20°32'17	3♓51	14° 2	3°29	18°57	9°51	10°14	12°59	25°15	28°32	16°15	17°30	27°55	n.a.	S 25
S 26	23 32 58	21°32'36	16°53	15°42	4°39	19°22	9°48	10°20	13° 3	25°14	28°35	16° 5	17°27	28° 1	n.a.	S 26
M27	23 36 55	22°32'56	29°39	17°21	5°49	19°47	9°44	10°27	13° 6	25°14	28°37	15°56	17°24	28° 8	n.a.	M27
T 28	23 40 51	23°33'18	12♈10	19° 0	6°59	20°12	9°41	10°34	13° 9	25°13	28°40	15°49	17°21	28°14	n.a.	T 28
W29	23 44 48	24°33'42	24°27	20°38	8° 9	20°36	9°37	10°41	13°12	25°13	28°42	15°44	17°18	28°21	n.a.	W29
T 30	23 48 44	25♍34'08	6♉31	22♍17	9♏18	21♊ 0	9♉33	10♎47	13♌15	25♉12	28♍44	15♏42	17♏15	28♉28	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	12n52	9n 2	2n40	19n 2	0n44	2s34	0s34	22n 5	0n 9	14n 9	1s 0	0s58	2n20	18n17	0n43	18n 2	1s25	15n17	15n42	17s33	17s42	18n50		n.a.	W 1
T 2	12 31	12 44	1 42	19 3	0 57	3 6	0 37	22 11	0 10	14 10	1 0	1 1	2 19	18 16	0 43	18 2	1 25	15 16	15 41	17 32	17 41	18 51		n.a.	T 2
F 3	12 10	15 52	0 41	19 0	1 9	3 38	0 41	22 17	0 11	14 10	1 0	1 3	2 19	18 15	0 43	18 2	1 25	15 15	15 41	17 32	17 40	18 51		n.a.	F 3
S 4	11 49	18 18	0s22	18 53	1 19	4 10	0 45	22 23	0 13	14 10	1 0	1 6	2 19	18 14	0 43	18 2	1 25	15 14	15 41	17 32	17 39	18 52		n.a.	S 4
S 5	11 28	19 57	1 24	18 43	1 28	4 42	0 48	22 29	0 14	14 10	1 0	1 8	2 19	18 13	0 43	18 2	1 25	15 13	15 41	17 32	17 38	18 53		n.a.	S 5
M 6	11 6	20 44	2 22	18 29	1 36	5 14	0 52	22 35	0 15	14 11	1 0	1 11	2 19	18 12	0 43	18 2	1 25	15 11	15 40	17 32	17 37	18 54		n.a.	M 6
T 7	10 45	20 34	3 15	18 13	1 42	5 46	0 55	22 41	0 16	14 11	1 0	1 13	2 19	18 11	0 43	18 2	1 25	15 10	15 40	17 31	17 37	18 54		n.a.	T 7
W 8	10 23	19 27	4 0	17 53	1 48	6 17	0 59	22 46	0 17	14 11	1 1	1 16	2 18	18 10	0 43	18 2	1 25	15 9	15 40	17 29	17 36	18 55		n.a.	W 8
T 9	10 1	17 21	4 34	17 30	1 52	6 49	1 2	22 51	0 19	14 11	1 1	1 19	2 18	18 9	0 43	18 2	1 25	15 8	15 39	17 27	17 35	18 56		n.a.	T 9
F 10	9 38	14 22	4 56	17 5	1 55	7 20	1 6	22 57	0 20	14 11	1 1	1 21	2 18	18 8	0 43	18 2	1 25	15 7	15 39	17 24	17 34	18 57		n.a.	F 10
S 11	9 16	10 35	5 2	16 37	1 58	7 51	1 10	23 2	0 21	14 11	1 1	1 24	2 18	18 7	0 43	18 2	1 25	15 6	15 39	17 21	17 33	18 57		n.a.	S 11
S 12	8 53	6 11	4 52	16 8	1 59	8 22	1 13	23 7	0 22	14 10	1 1	1 26	2 18	18 6	0 43	18 2	1 25	15 5	15 39	17 17	17 32	18 58		n.a.	S 12
M13	8 31	1 22	4 24	15 36	2 0	8 53	1 17	23 12	0 24	14 10	1 1	1 29	2 18	18 5	0 43	18 2	1 25	15 4	15 39	17 14	17 31	18 59		n.a.	M13
T 14	8 8	3s36	3 40	15 2	1 59	9 24	1 20	23 17	0 25	14 10	1 1	1 32	2 18	18 4	0 43	18 2	1 25	15 2	15 38	17 12	17 30	18 59		n.a.	T 14
W15	7 45	8 26	2 42	14 27	1 59	9 54	1 24	23 21	0 26	14 10	1 1	1 34	2 18	18 3	0 43	18 2	1 25	15 1	15 38	17 10	17 29	19 0		n.a.	W15
T 16	7 22	12 48	1 33	13 51	1 57	10 24	1 27	23 26	0 28	14 9	1 1	1 37	2 17	18 2	0 43	18 2	1 25	15 0	15 38	17 9	17 28	19 1		n.a.	T 16
F 17	6 59	16 25	0 18	13 13	1 55	10 54	1 31	23 30	0 29	14 9	1 1	1 40	2 17	18 1	0 43	18 2	1 25	14 59	15 38	17 8	17 28	19 2		n.a.	F 17
S 18	6 35	19 2	0n58	12 34	1 53	11 24	1 34	23 35	0 30	14 8	1 1	1 43	2 17	18 0	0 43	18 2	1 25	14 58	15 38	17 8	17 27	19 2		n.a.	S 18
S 19	6 12	20 26	2 9	11 54	1 49	11 53	1 38	23 39	0 32	14 7	1 1	1 45	2 17	17 59	0 43	18 1	1 25	14 57	15 37	17 9	17 26	19 3		n.a.	S 19
M20	5 48	20 34	3 13	11 13	1 46	12 22	1 41	23 43	0 33	14 7	1 1	1 48	2 17	17 58	0 43	18 1	1 25	14 56	15 37	17 8	17 25	19 4		n.a.	M20
T 21	5 24	19 25	4 4	10 32	1 42	12 51	1 45	23 47	0 35	14 6	1 1	1 51	2 17	17 57	0 43	18 1	1 25	14 55	15 37	17 8	17 24	19 4		n.a.	T 21
W22	5 1	17 9	4 41	9 50	1 38	13 20	1 48	23 51	0 36	14 5	1 1	1 53	2 17	17 56	0 43	18 1	1 26	14 53	15 37	17 6	17 23	19 5		n.a.	W22
T 23	4 37	13 57	5 1	9 7	1 33	13 48	1 51	23 55	0 37	14 4	1 1	1 56	2 17	17 55	0 43	18 1	1 26	14 52	15 37	17 4	17 22	19 6		n.a.	T 23
F 24	4 13	10 4	5 4	8 24	1 29	14 16	1 55	23 59	0 39	14 3	1 1	1 59	2 17	17 54	0 43	18 1	1 26	14 51	15 37	17 2	17 21	19 6		n.a.	F 24
S 25	3 49	5 45	4 51	7 40	1 23	14 44	1 58	24 2	0 40	14 2	1 2	2 2	2 17	17 53	0 43	18 1	1 26	14 50	15 37	16 59	17 20	19 7		n.a.	S 25
S 26	3 24	1 14	4 23	6 56	1 18	15 11	2 1	24 6	0 42	14 1	1 2	2 4	2 16	17 52	0 43	18 0	1 26	14 49	15 37	16 56	17 19	19 8		n.a.	S 26
M27	3 0	3n14	3 42	6 11	1 13	15 38	2 4	24 9	0 43	14 0	1 2	2 7	2 16	17 52	0 44	18 0	1 26	14 48	15 36	16 53	17 18	19 8		n.a.	M27
T 28	2 36	7 30	2 50	5 27	1 7	16 4	2 7	24 13	0 45	13 59	1 2	2 10	2 16	17 51	0 44	18 0	1 26	14 47	15 36	16 51	17 18	19 9		n.a.	T 28
W29	2 12	11 22	1 52	4 42	1 1	16 30	2 10	24 16	0 46	13 58	1 2	2 13	2 16	17 50	0 44	18 0	1 26	14 46	15 36	16 50	17 17	19 10		n.a.	W29
T 30	1n47	14n41	0n49	3n57	0n55	16s56	2s13	24n20	0n48	13n56	1s 2	2s15	2n16	17n49	0n44	18n 0	1s26	14n45	15n36	16s49	17s16	19n10		n.a.	T 30

Julian Day Number = 1273504.5, Delta T = 08h14m54s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'05, Lahiri = -20°53'04 Julian Calendar 1 Sept. 1227 BCE == Greg. Calendar 21 Aug. 1227 BCE

The year -1226 astronomical counting style corresponds to year 1227 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1227 BCE
geocentric

OCTOBER 1227 BCE (-1226) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 52 41	26♍34'36	18♉25	23♍55	10♏28	21♊24	9°R29	10♎54	13♌18	25°R11	28♍47	15°D41	17♏11	28♉34	n.a.	F 1
S 2	23 56 37	27°35'06	0♊14	25°32	11°37	21°47	9♉25	11° 1	13°21	25♉11	28°49	15♏42	17° 8	28°41	n.a.	S 2
S 3	0 0 34	28°35'39	12° 1	27° 9	12°47	22°10	9°20	11° 8	13°24	25°10	28°52	15°44	17° 5	28°48	n.a.	S 3
M 4	0 4 31	29°36'13	23°52	28°46	13°56	22°33	9°15	11°15	13°27	25° 9	28°54	15°45	17° 2	28°54	n.a.	M 4
T 5	0 8 27	0♎36'49	5♋52	0♎22	15° 5	22°55	9°11	11°22	13°30	25° 8	28°57	15°R45	16°59	29° 1	n.a.	T 5
W 6	0 12 24	1°37'27	18° 7	1°59	16°14	23°17	9° 6	11°29	13°33	25° 7	28°59	15°43	16°55	29° 8	n.a.	W 6
T 7	0 16 20	2°38'07	0♌40	3°34	17°23	23°38	9° 0	11°36	13°36	25° 7	29° 2	15°40	16°52	29°14	n.a.	T 7
F 8	0 20 17	3°38'48	13°37	5°10	18°32	23°59	8°55	11°43	13°38	25° 6	29° 4	15°35	16°49	29°21	n.a.	F 8
S 9	0 24 13	4°39'32	26°58	6°45	19°40	24°20	8°50	11°50	13°41	25° 5	29° 6	15°28	16°46	29°28	n.a.	S 9
S 10	0 28 10	5°40'17	10♍45	8°20	20°49	24°40	8°44	11°57	13°44	25° 4	29° 9	15°21	16°43	29°34	n.a.	S 10
M11	0 32 6	6°41'04	24°54	9°55	21°57	25° 0	8°38	12° 4	13°46	25° 3	29°11	15°15	16°40	29°41	n.a.	M11
T 12	0 36 3	7°41'53	9♎22	11°29	23° 6	25°20	8°32	12°11	13°49	25° 2	29°14	15° 9	16°36	29°48	n.a.	T 12
W13	0 39 59	8°42'43	24° 2	13° 4	24°14	25°39	8°26	12°18	13°52	25° 1	29°16	15° 6	16°33	29°54	n.a.	W13
T 14	0 43 56	9°43'34	8♏47	14°38	25°22	25°58	8°20	12°25	13°54	25° 0	29°19	15°D 4	16°30	0♊ 1	n.a.	T 14
F 15	0 47 53	10°44'27	23°30	16°12	26°30	26°16	8°13	12°32	13°57	24°59	29°21	15° 4	16°27	0° 8	n.a.	F 15
S 16	0 51 49	11°45'21	8♐ 4	17°45	27°37	26°33	8° 7	12°39	13°59	24°57	29°23	15° 6	16°24	0°14	n.a.	S 16
S 17	0 55 46	12°46'16	22°27	19°19	28°45	26°51	8° 0	12°46	14° 2	24°56	29°26	15° 7	16°20	0°21	n.a.	S 17
M18	0 59 42	13°47'12	6♑34	20°52	29°52	27° 7	7°53	12°53	14° 4	24°55	29°28	15° 8	16°17	0°27	n.a.	M18
T 19	1 3 39	14°48'09	20°26	22°25	0♐59	27°24	7°46	13° 0	14° 6	24°54	29°31	15°R 8	16°14	0°34	n.a.	T 19
W20	1 7 35	15°49'06	4♒ 2	23°59	2° 6	27°39	7°39	13° 7	14° 9	24°53	29°33	15° 7	16°11	0°41	n.a.	W20
T 21	1 11 32	16°50'05	17°22	25°32	3°13	27°55	7°32	13°14	14°11	24°51	29°35	15° 4	16° 8	0°47	n.a.	T 21
F 22	1 15 28	17°51'05	0♓28	27° 4	4°19	28° 9	7°25	13°21	14°13	24°50	29°38	15° 1	16° 5	0°54	n.a.	F 22
S 23	1 19 25	18°52'05	13°20	28°37	5°26	28°23	7°17	13°28	14°15	24°49	29°40	14°56	16° 1	1° 1	n.a.	S 23
S 24	1 23 22	19°53'07	26° 0	0♏10	6°32	28°37	7°10	13°35	14°17	24°48	29°42	14°52	15°58	1° 7	n.a.	S 24
M25	1 27 18	20°54'09	8♈27	1°42	7°38	28°50	7° 2	13°42	14°19	24°46	29°45	14°48	15°55	1°14	n.a.	M25
T 26	1 31 15	21°55'13	20°43	3°15	8°43	29° 3	6°55	13°49	14°21	24°45	29°47	14°45	15°52	1°21	n.a.	T 26
W27	1 35 11	22°56'17	2♉49	4°47	9°49	29°15	6°47	13°56	14°23	24°43	29°49	14°43	15°49	1°27	n.a.	W27
T 28	1 39 8	23°57'23	14°46	6°19	10°54	29°26	6°39	14° 3	14°25	24°42	29°51	14°D43	15°46	1°34	n.a.	T 28
F 29	1 43 4	24°58'29	26°37	7°51	11°59	29°37	6°31	14°10	14°27	24°41	29°54	14°43	15°42	1°41	n.a.	F 29
S 30	1 47 1	25°59'37	8♊25	9°23	13° 3	29°47	6°24	14°16	14°29	24°39	29°56	14°44	15°39	1°47	n.a.	S 30
S 31	1 50 57	27♎ 0'46	20♊12	10♏54	14♐ 8	29♊57	6♉16	14♎23	14♌31	24♉38	29♍58	14♏46	15♏36	1♊54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n23	17n22	0s15	3n12	0n49	17s22	2s16	24n23	0n50	13n55	1s 2	2s18	2n16	17n48	0n44	18n 0	1s26	14n44	15n36	16s49	17s15	19n11		n.a.
S 2	0 59	19 16	1 18	2 27	0 43	17 47	2 19	24 26	0 51	13 54	1 2	2 21	2 16	17 47	0 44	17 59	1 26	14 43	15 36	16 49	17 14	19 12		n.a.
S 3	0 34	20 20	2 18	1 42	0 36	18 11	2 22	24 29	0 53	13 52	1 2	2 24	2 16	17 46	0 44	17 59	1 26	14 42	15 36	16 49	17 13	19 12		n.a.
M 4	0 10	20 30	3 12	0 57	0 30	18 35	2 25	24 32	0 54	13 51	1 2	2 27	2 16	17 46	0 44	17 59	1 26	14 41	15 36	16 50	17 12	19 13		n.a.
T 5	0s15	19 44	3 59	0 13	0 24	18 59	2 28	24 35	0 56	13 49	1 2	2 29	2 16	17 45	0 44	17 59	1 26	14 40	15 36	16 50	17 11	19 13		n.a.
W 6	0 39	18 3	4 35	0s32	0 17	19 22	2 30	24 38	0 58	13 47	1 2	2 32	2 16	17 44	0 44	17 58	1 26	14 39	15 36	16 49	17 10	19 14		n.a.
T 7	1 4	15 28	5 0	1 17	0 11	19 44	2 33	24 40	1 0	13 46	1 2	2 35	2 16	17 43	0 44	17 58	1 26	14 38	15 36	16 48	17 9	19 15		n.a.
F 8	1 28	12 4	5 10	2 1	0 4	20 7	2 35	24 43	1 1	13 44	1 2	2 38	2 16	17 42	0 44	17 58	1 26	14 37	15 36	16 47	17 8	19 15		n.a.
S 9	1 53	7 58	5 4	2 46	0s 2	20 28	2 38	24 46	1 3	13 42	1 2	2 41	2 16	17 42	0 44	17 58	1 26	14 36	15 36	16 45	17 7	19 16		n.a.
S 10	2 17	3 20	4 41	3 30	0 9	20 49	2 40	24 49	1 5	13 40	1 2	2 43	2 16	17 41	0 44	17 57	1 26	14 35	15 36	16 43	17 7	19 16		n.a.
M11	2 42	1s36	4 0	4 13	0 15	21 10	2 42	24 51	1 7	13 39	1 2	2 46	2 16	17 40	0 44	17 57	1 26	14 34	15 36	16 41	17 6	19 17		n.a.
T 12	3 6	6 33	3 2	4 57	0 22	21 30	2 44	24 54	1 8	13 37	1 2	2 49	2 15	17 39	0 44	17 57	1 26	14 33	15 36	16 39	17 5	19 18		n.a.
W13	3 31	11 13	1 52	5 40	0 28	21 50	2 46	24 56	1 10	13 35	1 2	2 52	2 15	17 39	0 44	17 57	1 26	14 32	15 36	16 38	17 4	19 18		n.a.
T 14	3 55	15 12	0 34	6 23	0 35	22 8	2 48	24 59	1 12	13 33	1 2	2 55	2 15	17 38	0 44	17 56	1 26	14 31	15 36	16 38	17 3	19 19		n.a.
F 15	4 19	18 13	0n46	7 6	0 41	22 27	2 50	25 1	1 14	13 31	1 2	2 57	2 15	17 37	0 44	17 56	1 26	14 30	15 36	16 38	17 2	19 19		n.a.
S 16	4 43	20 0	2 3	7 48	0 47	22 45	2 52	25 3	1 16	13 28	1 2	3 0	2 15	17 37	0 44	17 56	1 26	14 29	15 36	16 38	17 1	19 20		n.a.
S 17	5 8	20 27	3 11	8 30	0 53	23 2	2 54	25 6	1 18	13 26	1 2	3 3	2 15	17 36	0 44	17 55	1 26	14 28	15 36	16 38	17 0	19 21		n.a.
M18	5 32	19 35	4 6	9 11	0 59	23 18	2 55	25 8	1 20	13 24	1 2	3 6	2 15	17 35	0 44	17 55	1 26	14 28	15 36	16 39	16 59	19 21		n.a.
T 19	5 56	17 33	4 45	9 52	1 5	23 34	2 57	25 11	1 22	13 22	1 2	3 9	2 15	17 35	0 44	17 55	1 26	14 27	15 37	16 39	16 58	19 22		n.a.
W20	6 19	14 35	5 8	10 33	1 11	23 50	2 58	25 13	1 24	13 20	1 1	3 11	2 15	17 34	0 44	17 54	1 26	14 26	15 37	16 38	16 57	19 22		n.a.
T 21	6 43	10 55	5 13	11 13	1 17	24 5	2 59	25 15	1 26	13 17	1 1	3 14	2 15	17 33	0 44	17 54	1 26	14 25	15 37	16 38	16 56	19 23		n.a.
F 22	7 7	6 47	5 2	11 52	1 22	24 19	3 0	25 17	1 28	13 15	1 1	3 17	2 15	17 33	0 44	17 54	1 26	14 24	15 37	16 36	16 55	19 23		n.a.
S 23	7 31	2 25	4 36	12 31	1 27	24 32	3 1	25 20	1 30	13 13	1 1	3 20	2 15	17 32	0 44	17 53	1 26	14 23	15 37	16 35	16 55	19 24		n.a.
S 24	7 54	2n 0	3 57	13 9	1 33	24 45	3 2	25 22	1 32	13 10	1 1	3 22	2 15	17 32	0 44	17 53	1 26	14 23	15 37	16 34	16 54	19 24		n.a.
M25	8 17	6 15	3 7	13 47	1 38	24 57	3 3	25 24	1 34	13 8	1 1	3 25	2 15	17 31	0 45	17 53	1 26	14 22	15 37	16 33	16 53	19 25		n.a.
T 26	8 41	10 12	2 9	14 24	1 42	25 9	3 4	25 27	1 36	13 5	1 1	3 28	2 15	17 30	0 45	17 52	1 26	14 21	15 37	16 32	16 52	19 26		n.a.
W27	9 4	13 40	1 5	15 0	1 47	25 19	3 4	25 29	1 39	13 3	1 1	3 31	2 15	17 30	0 45	17 52	1 27	14 20	15 38	16 31	16 51	19 26		n.a.
T 28	9 27	16 32	0s 0	15 36	1 51	25 30	3 4	25 31	1 41	13 0	1 1	3 33	2 15	17 29	0 45	17 52	1 27	14 19	15 38	16 31	16 50	19 27		n.a.
F 29	9 50	18 40	1 5	16 10	1 55	25 39	3 5	25 33	1 43	12 58	1 1	3 36	2 15	17 29	0 45	17 51	1 27	14 19	15 38	16 31	16 49	19 27		n.a.
S 30	10 12	19 59	2 8	16 44	1 59	25 48	3 5	25 36	1 45	12 55	1 1	3 39	2 15	17 28	0 45	17 51	1 27	14 18	15 38	16 32	16 48	19 28		n.a.
S 31	10s35	20n25	3s 4	17s17	2s 3	25s56	3s 5	25n38	1n48	12n53	1s 1	3s41	2n15	17n28	0n45	17n51	1s27	14n17	15n38	16s32	16s47	19n28		n.a.

Julian Day Number = 1273534.5, Delta T = 08h14m52s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -20°00'01, Lahiri = -20°53'00 Julian Calendar 1 Oct. 1227 BCE == Greg. Calendar 20 Sept. 1227 BCE

The year -1226 astronomical counting style corresponds to year 1227 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1227 BCE
geocentric

NOVEMBER 1227 BCE (-1226) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 54 54	28♎ 1'55	2♋ 3	12♏25	15♐12	0♋ 6	6°R 8	14♎30	14♑32	24°R36	0♎ 0	14♏47	15♏33	2♊ 1	n.a.	M 1
T 2	1 58 51	29° 3'06	14° 2	13°56	16°16	0°14	6♉ 0	14°37	14°34	24♉35	0° 3	14°49	15°30	2° 7	n.a.	T 2
W 3	2 2 47	0♏ 4'18	26°14	15°27	17°19	0°22	5°51	14°44	14°36	24°33	0° 5	14°R49	15°26	2°14	n.a.	W 3
T 4	2 6 44	1° 5'31	8♑43	16°57	18°22	0°29	5°43	14°51	14°37	24°32	0° 7	14°49	15°23	2°21	n.a.	T 4
F 5	2 10 40	2° 6'44	21°34	18°26	19°25	0°35	5°35	14°58	14°39	24°30	0° 9	14°48	15°20	2°27	n.a.	F 5
S 6	2 14 37	3° 7'59	4♍50	19°54	20°28	0°40	5°27	15° 4	14°40	24°29	0°11	14°47	15°17	2°34	n.a.	S 6
S 7	2 18 33	4° 9'14	18°33	21°22	21°30	0°45	5°19	15°11	14°41	24°27	0°14	14°46	15°14	2°40	n.a.	S 7
M 8	2 22 30	5°10'30	2♎43	22°49	22°32	0°49	5°11	15°18	14°43	24°26	0°16	14°44	15°11	2°47	n.a.	M 8
T 9	2 26 26	6°11'47	17°18	24°14	23°33	0°53	5° 2	15°25	14°44	24°24	0°18	14°43	15° 7	2°54	n.a.	T 9
W10	2 30 23	7°13'04	2♏11	25°38	24°34	0°55	4°54	15°31	14°45	24°22	0°20	14°43	15° 4	3° 0	n.a.	W10
T 11	2 34 20	8°14'22	17°16	27° 0	25°35	0°57	4°46	15°38	14°46	24°21	0°22	14°D43	15° 1	3° 7	n.a.	T 11
F 12	2 38 16	9°15'41	2♐22	28°20	26°35	0°59	4°38	15°45	14°48	24°19	0°24	14°43	14°58	3°14	n.a.	F 12
S 13	2 42 13	10°16'59	17°22	29°37	27°35	0°R59	4°30	15°51	14°49	24°17	0°26	14°43	14°55	3°20	n.a.	S 13
S 14	2 46 9	11°18'18	2♑ 7	0♐52	28°35	0°58	4°22	15°58	14°50	24°16	0°28	14°44	14°52	3°27	n.a.	S 14
M15	2 50 6	12°19'36	16°32	2° 3	29°34	0°57	4°14	16° 4	14°51	24°14	0°30	14°44	14°48	3°34	n.a.	M15
T 16	2 54 2	13°20'55	0♒34	3°10	0♑32	0°55	4° 6	16°11	14°51	24°12	0°32	14°44	14°45	3°40	n.a.	T 16
W17	2 57 59	14°22'13	14°12	4°13	1°30	0°53	3°58	16°17	14°52	24°11	0°34	14°44	14°42	3°47	n.a.	W17
T 18	3 1 56	15°23'32	27°28	5°10	2°27	0°49	3°50	16°24	14°53	24° 9	0°36	14°44	14°39	3°54	n.a.	T 18
F 19	3 5 52	16°24'50	10♓23	6° 1	3°24	0°45	3°42	16°30	14°54	24° 7	0°37	14°44	14°36	4° 0	n.a.	F 19
S 20	3 9 49	17°26'07	23° 0	6°45	4°21	0°39	3°34	16°37	14°54	24° 6	0°39	14°45	14°32	4° 7	n.a.	S 20
S 21	3 13 45	18°27'25	5♈23	7°22	5°16	0°34	3°27	16°43	14°55	24° 4	0°41	14°45	14°29	4°14	n.a.	S 21
M22	3 17 42	19°28'42	17°34	7°49	6°11	0°27	3°19	16°49	14°56	24° 2	0°43	14°45	14°26	4°20	n.a.	M22
T 23	3 21 38	20°29'59	29°37	8° 8	7° 6	0°19	3°12	16°55	14°56	24° 1	0°45	14°46	14°23	4°27	n.a.	T 23
W24	3 25 35	21°31'16	11♉32	8°R15	8° 0	0°11	3° 4	17° 2	14°57	23°59	0°46	14°R46	14°20	4°34	n.a.	W24
T 25	3 29 31	22°32'33	23°23	8°12	8°53	0° 1	2°57	17° 8	14°57	23°57	0°48	14°46	14°17	4°40	n.a.	T 25
F 26	3 33 28	23°33'50	5♊12	7°56	9°45	29♊51	2°50	17°14	14°57	23°56	0°50	14°45	14°13	4°47	n.a.	F 26
S 27	3 37 25	24°35'06	17° 0	7°29	10°37	29°41	2°43	17°20	14°58	23°54	0°52	14°44	14°10	4°54	n.a.	S 27
S 28	3 41 21	25°36'23	28°51	6°51	11°27	29°29	2°36	17°26	14°58	23°52	0°53	14°43	14° 7	5° 0	n.a.	S 28
M29	3 45 18	26°37'39	10♋45	6° 1	12°17	29°17	2°29	17°32	14°58	23°50	0°55	14°41	14° 4	5° 7	n.a.	M29
T 30	3 49 14	27♏38'55	22♋47	5♐ 1	13♑ 7	29♊ 3	2♉22	17♎38	14♑58	23♉49	0♎56	14♏39	14♏ 1	5♊14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	10s57	19n56	3s53	17s49	2s 6	26s 3	3s 5	25n40	1n50	12n50	1s 1	3s44	2n15	17n27	0n45	17n50	1s27	14n16	15n38	16s33	16s46	19n29			n.a.
T 2	11 19	18 34	4 33	18 20	2 9	26 10	3 4	25 43	1 52	12 47	1 0	3 47	2 15	17 27	0 45	17 50	1 27	14 16	15 39	16 33	16 45	19 29			n.a.
W 3	11 41	16 20	5 1	18 49	2 11	26 16	3 4	25 45	1 55	12 45	1 0	3 49	2 15	17 26	0 45	17 50	1 27	14 15	15 39	16 33	16 44	19 30			n.a.
T 4	12 3	13 18	5 16	19 18	2 13	26 22	3 3	25 47	1 57	12 42	1 0	3 52	2 15	17 26	0 45	17 49	1 27	14 14	15 39	16 33	16 43	19 30			n.a.
F 5	12 24	9 35	5 15	19 45	2 15	26 26	3 2	25 50	2 0	12 40	1 0	3 55	2 16	17 26	0 45	17 49	1 27	14 14	15 39	16 33	16 42	19 31			n.a.
S 6	12 46	5 17	4 58	20 11	2 16	26 30	3 1	25 52	2 2	12 37	1 0	3 57	2 16	17 25	0 45	17 48	1 27	14 13	15 40	16 33	16 41	19 31			n.a.
S 7	13 7	0 34	4 24	20 36	2 16	26 33	3 0	25 55	2 4	12 34	1 0	4 0	2 16	17 25	0 45	17 48	1 27	14 12	15 40	16 32	16 40	19 32			n.a.
M 8	13 28	4s21	3 33	20 59	2 17	26 36	2 59	25 57	2 7	12 32	1 0	4 2	2 16	17 25	0 45	17 48	1 27	14 12	15 40	16 32	16 39	19 32			n.a.
T 9	13 49	9 9	2 27	21 20	2 16	26 38	2 57	26 0	2 10	12 29	1 0	4 5	2 16	17 24	0 45	17 47	1 27	14 11	15 40	16 31	16 39	19 33			n.a.
W10	14 9	13 31	1 9	21 40	2 15	26 39	2 56	26 2	2 12	12 26	0 59	4 8	2 16	17 24	0 45	17 47	1 27	14 11	15 41	16 31	16 38	19 33			n.a.
T 11	14 29	17 2	0n14	21 58	2 13	26 40	2 54	26 5	2 15	12 24	0 59	4 10	2 16	17 24	0 45	17 46	1 27	14 10	15 41	16 31	16 37	19 33			n.a.
F 12	14 49	19 24	1 37	22 14	2 10	26 40	2 52	26 7	2 17	12 21	0 59	4 13	2 16	17 23	0 45	17 46	1 27	14 10	15 41	16 31	16 36	19 34			n.a.
S 13	15 9	20 22	2 52	22 28	2 7	26 39	2 50	26 10	2 20	12 19	0 59	4 15	2 16	17 23	0 45	17 46	1 27	14 9	15 42	16 31	16 35	19 34			n.a.
S 14	15 28	19 55	3 54	22 40	2 3	26 37	2 48	26 13	2 22	12 16	0 59	4 18	2 16	17 23	0 45	17 45	1 27	14 8	15 42	16 31	16 34	19 35			n.a.
M15	15 47	18 9	4 41	22 50	1 58	26 35	2 45	26 15	2 25	12 13	0 59	4 20	2 16	17 23	0 45	17 45	1 27	14 8	15 42	16 32	16 33	19 35			n.a.
T 16	16 6	15 21	5 9	22 58	1 51	26 33	2 42	26 18	2 28	12 11	0 58	4 23	2 16	17 22	0 45	17 44	1 27	14 7	15 42	16 32	16 32	19 36			n.a.
W17	16 25	11 46	5 18	23 3	1 44	26 29	2 39	26 20	2 30	12 8	0 58	4 25	2 16	17 22	0 46	17 44	1 27	14 7	15 43	16 32	16 31	19 36			n.a.
T 18	16 43	7 42	5 10	23 5	1 36	26 25	2 36	26 23	2 33	12 6	0 58	4 28	2 16	17 22	0 46	17 43	1 27	14 7	15 43	16 32	16 30	19 37			n.a.
F 19	17 1	3 23	4 47	23 5	1 26	26 20	2 33	26 26	2 36	12 3	0 58	4 30	2 16	17 22	0 46	17 43	1 27	14 6	15 43	16 32	16 29	19 37			n.a.
S 20	17 19	1n 0	4 10	23 2	1 16	26 15	2 29	26 29	2 38	12 1	0 58	4 32	2 16	17 22	0 46	17 43	1 27	14 6	15 44	16 32	16 28	19 38			n.a.
S 21	17 36	5 15	3 22	22 57	1 3	26 9	2 26	26 31	2 41	11 58	0 57	4 35	2 17	17 21	0 46	17 42	1 27	14 5	15 44	16 32	16 27	19 38			n.a.
M22	17 54	9 15	2 26	22 48	0 50	26 3	2 22	26 34	2 44	11 56	0 57	4 37	2 17	17 21	0 46	17 42	1 27	14 5	15 44	16 32	16 26	19 38			n.a.
T 23	18 10	12 49	1 23	22 36	0 35	25 56	2 18	26 37	2 47	11 53	0 57	4 39	2 17	17 21	0 46	17 41	1 27	14 4	15 45	16 32	16 25	19 39			n.a.
W24	18 27	15 50	0 18	22 22	0 19	25 48	2 13	26 40	2 49	11 51	0 57	4 42	2 17	17 21	0 46	17 41	1 27	14 4	15 45	16 32	16 24	19 39			n.a.
T 25	18 43	18 10	0s48	22 4	0 2	25 40	2 9	26 42	2 52	11 49	0 57	4 44	2 17	17 21	0 46	17 41	1 27	14 4	15 46	16 32	16 23	19 40			n.a.
F 26	18 58	19 42	1 51	21 44	0n16	25 32	2 4	26 45	2 55	11 46	0 56	4 46	2 17	17 21	0 46	17 40	1 27	14 3	15 46	16 32	16 22	19 40			n.a.
S 27	19 14	20 23	2 50	21 20	0 36	25 23	1 59	26 48	2 57	11 44	0 56	4 49	2 17	17 21	0 46	17 40	1 27	14 3	15 46	16 32	16 21	19 40			n.a.
S 28	19 29	20 9	3 41	20 54	0 55	25 13	1 53	26 50	3 0	11 42	0 56	4 51	2 17	17 21	0 46	17 39	1 27	14 3	15 47	16 31	16 20	19 41			n.a.
M29	19 44	19 1	4 23	20 26	1 15	25 3	1 48	26 53	3 3	11 40	0 56	4 53	2 17	17 21	0 46	17 39	1 27	14 3	15 47	16 31	16 19	19 41			n.a.
T 30	19s58	17n 2	4s54	19s56	1n35	24s52	1s42	26n55	3n 5	11n38	0s56	4s55	2n17	17n21	0n46	17n38	1s27	14n 2	15n48	16s30	16s19	19n42			n.a.

Julian Day Number = 1273565.5, Delta T = 08h14m51s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'56, Lahiri = -20°52'56 Julian Calendar 1 Nov. 1227 BCE == Greg. Calendar 21 Oct. 1227 BCE

The year -1226 astronomical counting style corresponds to year 1227 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1227 BCE
geocentric

DECEMBER 1227 BCE (-1226) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 53 11	28♏40'11	5♌ 0	3°R53	13♑55	28°R49	2°R15	17♎44	14°R58	23°R47	0♎58	14°R38	13♏57	5♊20	n.a.	W 1
T 2	3 57 7	29°41'26	17°27	2♐38	14°42	28♊35	2♉ 9	17°50	14♌58	23♉45	0°59	14♏36	13°54	5°27	n.a.	T 2
F 3	4 1 4	0♐42'42	0♍12	1°20	15°29	28°19	2° 3	17°55	14°58	23°44	1° 1	14°D36	13°51	5°33	n.a.	F 3
S 4	4 5 1	1°43'57	13°19	0° 0	16°14	28° 3	1°56	18° 1	14°58	23°42	1° 2	14°36	13°48	5°40	n.a.	S 4
S 5	4 8 57	2°45'12	26°50	28♏42	16°59	27°46	1°50	18° 7	14°58	23°40	1° 4	14°37	13°45	5°47	n.a.	S 5
M 6	4 12 54	3°46'26	10♎48	27°27	17°42	27°28	1°44	18°12	14°57	23°39	1° 5	14°39	13°42	5°53	n.a.	M 6
T 7	4 16 50	4°47'40	25°13	26°17	18°24	27°10	1°39	18°18	14°57	23°37	1° 7	14°40	13°38	6° 0	n.a.	T 7
W 8	4 20 47	5°48'54	10♏ 1	25°15	19° 6	26°51	1°33	18°23	14°57	23°35	1° 8	14°R41	13°35	6° 7	n.a.	W 8
T 9	4 24 43	6°50'07	25° 6	24°21	19°46	26°31	1°28	18°29	14°56	23°34	1° 9	14°41	13°32	6°13	n.a.	T 9
F 10	4 28 40	7°51'20	10♐21	23°36	20°24	26°11	1°22	18°34	14°56	23°32	1°11	14°39	13°29	6°20	n.a.	F 10
S 11	4 32 36	8°52'32	25°35	23° 1	21° 2	25°51	1°17	18°40	14°55	23°30	1°12	14°36	13°26	6°27	n.a.	S 11
S 12	4 36 33	9°53'43	10♑39	22°35	21°38	25°29	1°12	18°45	14°55	23°29	1°13	14°33	13°23	6°33	n.a.	S 12
M13	4 40 30	10°54'53	25°22	22°18	22°12	25° 8	1° 8	18°50	14°54	23°27	1°14	14°29	13°19	6°40	n.a.	M13
T 14	4 44 26	11°56'01	9♒40	22°D10	22°46	24°46	1° 3	18°55	14°53	23°26	1°15	14°26	13°16	6°47	n.a.	T 14
W15	4 48 23	12°57'09	23°30	22°10	23°17	24°23	0°59	19° 0	14°53	23°24	1°16	14°23	13°13	6°53	n.a.	W15
T 16	4 52 19	13°58'15	6♓51	22°18	23°47	24° 0	0°54	19° 5	14°52	23°22	1°18	14°21	13°10	7° 0	n.a.	T 16
F 17	4 56 16	14°59'20	19°47	22°34	24°16	23°37	0°50	19°10	14°51	23°21	1°19	14°D21	13° 7	7° 7	n.a.	F 17
S 18	5 0 12	16° 0'23	2♈20	22°56	24°42	23°14	0°46	19°15	14°50	23°19	1°20	14°22	13° 3	7°13	n.a.	S 18
S 19	5 4 9	17° 1'25	14°36	23°24	25° 7	22°50	0°43	19°20	14°49	23°18	1°21	14°24	13° 0	7°20	n.a.	S 19
M20	5 8 6	18° 2'26	26°39	23°58	25°30	22°26	0°39	19°24	14°48	23°16	1°22	14°26	12°57	7°27	n.a.	M20
T 21	5 12 2	19° 3'25	8♉32	24°37	25°52	22° 3	0°36	19°29	14°47	23°15	1°22	14°R27	12°54	7°33	n.a.	T 21
W22	5 15 59	20° 4'24	20°21	25°20	26°11	21°39	0°33	19°34	14°46	23°13	1°23	14°27	12°51	7°40	n.a.	W22
T 23	5 19 55	21° 5'20	2♊ 9	26° 7	26°28	21°15	0°30	19°38	14°45	23°12	1°24	14°25	12°48	7°47	n.a.	T 23
F 24	5 23 52	22° 6'16	13°57	26°59	26°43	20°51	0°27	19°42	14°44	23°10	1°25	14°22	12°44	7°53	n.a.	F 24
S 25	5 27 48	23° 7'10	25°49	27°53	26°56	20°27	0°25	19°47	14°42	23° 9	1°26	14°16	12°41	8° 0	n.a.	S 25
S 26	5 31 45	24° 8'03	7♋46	28°51	27° 6	20° 3	0°23	19°51	14°41	23° 7	1°26	14° 9	12°38	8° 7	n.a.	S 26
M27	5 35 41	25° 8'54	19°49	29°52	27°14	19°39	0°20	19°55	14°40	23° 6	1°27	14° 1	12°35	8°13	n.a.	M27
T 28	5 39 38	26° 9'45	2♌ 0	0♐55	27°20	19°15	0°19	19°59	14°38	23° 5	1°28	13°53	12°32	8°20	n.a.	T 28
W29	5 43 35	27°10'33	14°21	2° 1	27°24	18°52	0°17	20° 3	14°37	23° 3	1°28	13°46	12°29	8°27	n.a.	W29
T 30	5 47 31	28°11'21	26°54	3° 9	27°R25	18°29	0°15	20° 7	14°36	23° 2	1°29	13°40	12°25	8°33	n.a.	T 30
F 31	5 51 28	29♐12'08	9♍41	4♐19	27♑23	18♊ 6	0♉14	20♎11	14♌34	23♉ 1	1♎30	13♏36	12♏22	8♊40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	20s12	14n17	5s12	19s25	1n54	24s41	1s36	26n58	3n 8	11n36	0s55	4s57	2n18	17n21	0n46	17n38	1s27	14n 2	15n48	16s30	16s18	19n42			n.a.
T 2	20 25	10 50	5 16	18 53	2 12	24 30	1 30	27 0	3 10	11 34	0 55	5 0	2 18	17 21	0 46	17 38	1 27	14 2	15 48	16 29	16 17	19 42			n.a.
F 3	20 38	6 50	5 5	18 21	2 29	24 18	1 23	27 3	3 13	11 32	0 55	5 2	2 18	17 21	0 46	17 37	1 27	14 2	15 49	16 29	16 16	19 43			n.a.
S 4	20 51	2 24	4 38	17 50	2 43	24 6	1 16	27 5	3 16	11 30	0 55	5 4	2 18	17 21	0 46	17 37	1 27	14 1	15 49	16 29	16 15	19 43			n.a.
S 5	21 3	2s18	3 55	17 21	2 56	23 53	1 9	27 7	3 18	11 28	0 54	5 6	2 18	17 21	0 46	17 36	1 27	14 1	15 50	16 30	16 14	19 43			n.a.
M 6	21 15	7 3	2 57	16 54	3 6	23 40	1 2	27 9	3 20	11 26	0 54	5 8	2 18	17 21	0 46	17 36	1 26	14 1	15 50	16 30	16 13	19 44			n.a.
T 7	21 27	11 33	1 46	16 31	3 14	23 27	0 54	27 11	3 23	11 24	0 54	5 10	2 18	17 22	0 46	17 36	1 26	14 1	15 50	16 30	16 12	19 44			n.a.
W 8	21 38	15 28	0 26	16 11	3 19	23 13	0 46	27 13	3 25	11 22	0 54	5 12	2 18	17 22	0 46	17 35	1 26	14 1	15 51	16 31	16 11	19 45			n.a.
T 9	21 49	18 26	0n57	15 55	3 22	22 59	0 38	27 15	3 28	11 21	0 53	5 14	2 19	17 22	0 47	17 35	1 26	14 1	15 51	16 31	16 10	19 45			n.a.
F 10	21 59	20 7	2 17	15 42	3 23	22 45	0 30	27 17	3 30	11 19	0 53	5 16	2 19	17 22	0 47	17 34	1 26	14 0	15 52	16 30	16 9	19 45			n.a.
S 11	22 9	20 19	3 27	15 34	3 22	22 30	0 21	27 18	3 32	11 17	0 53	5 18	2 19	17 22	0 47	17 34	1 26	14 0	15 52	16 29	16 8	19 46			n.a.
S 12	22 18	19 4	4 21	15 30	3 20	22 16	0 12	27 20	3 34	11 16	0 53	5 20	2 19	17 22	0 47	17 34	1 26	14 0	15 53	16 28	16 7	19 46			n.a.
M13	22 27	16 33	4 57	15 30	3 16	22 1	0 2	27 21	3 36	11 15	0 52	5 21	2 19	17 23	0 47	17 33	1 26	14 0	15 53	16 27	16 6	19 46			n.a.
T 14	22 36	13 6	5 13	15 33	3 11	21 46	0n 7	27 22	3 38	11 13	0 52	5 23	2 19	17 23	0 47	17 33	1 26	14 0	15 54	16 26	16 5	19 47			n.a.
W15	22 44	9 2	5 10	15 39	3 5	21 31	0 17	27 23	3 40	11 12	0 52	5 25	2 19	17 23	0 47	17 33	1 26	14 0	15 54	16 25	16 4	19 47			n.a.
T 16	22 51	4 39	4 51	15 48	2 58	21 15	0 27	27 24	3 42	11 11	0 52	5 27	2 20	17 23	0 47	17 32	1 26	14 0	15 55	16 25	16 3	19 47			n.a.
F 17	22 59	0 12	4 16	15 59	2 50	21 0	0 38	27 24	3 44	11 9	0 51	5 29	2 20	17 24	0 47	17 32	1 26	14 0	15 55	16 25	16 2	19 48			n.a.
S 18	23 5	4n 9	3 31	16 12	2 42	20 44	0 49	27 25	3 45	11 8	0 51	5 30	2 20	17 24	0 47	17 31	1 26	14 0	15 56	16 25	16 1	19 48			n.a.
S 19	23 12	8 15	2 36	16 28	2 33	20 29	1 0	27 25	3 47	11 7	0 51	5 32	2 20	17 24	0 47	17 31	1 26	14 0	15 56	16 26	16 0	19 48			n.a.
M20	23 17	11 56	1 36	16 45	2 24	20 13	1 11	27 25	3 49	11 6	0 51	5 34	2 20	17 25	0 47	17 31	1 26	14 0	15 57	16 26	15 59	19 48			n.a.
T 21	23 23	15 6	0 32	17 4	2 15	19 58	1 23	27 25	3 50	11 5	0 50	5 35	2 20	17 25	0 47	17 30	1 26	14 0	15 57	16 26	15 58	19 49			n.a.
W22	23 28	17 37	0s32	17 23	2 5	19 43	1 35	27 25	3 51	11 5	0 50	5 37	2 21	17 25	0 47	17 30	1 26	14 1	15 57	16 26	15 57	19 49			n.a.
T 23	23 32	19 23	1 35	17 44	1 56	19 27	1 47	27 25	3 52	11 4	0 50	5 38	2 21	17 26	0 47	17 30	1 26	14 1	15 58	16 26	15 56	19 49			n.a.
F 24	23 36	20 19	2 34	18 5	1 46	19 12	2 0	27 24	3 54	11 3	0 49	5 40	2 21	17 26	0 47	17 29	1 26	14 1	15 58	16 25	15 55	19 50			n.a.
S 25	23 39	20 20	3 26	18 27	1 37	18 57	2 13	27 23	3 55	11 2	0 49	5 41	2 21	17 27	0 47	17 29	1 26	14 1	15 59	16 23	15 54	19 50			n.a.
S 26	23 42	19 27	4 10	18 49	1 27	18 42	2 26	27 22	3 56	11 2	0 49	5 43	2 21	17 27	0 47	17 29	1 26	14 1	15 59	16 21	15 53	19 50			n.a.
M27	23 45	17 42	4 42	19 12	1 18	18 27	2 39	27 21	3 56	11 1	0 49	5 44	2 21	17 27	0 47	17 28	1 26	14 1	16 0	16 19	15 52	19 50			n.a.
T 28	23 47	15 8	5 3	19 34	1 8	18 13	2 53	27 20	3 57	11 1	0 48	5 46	2 22	17 28	0 47	17 28	1 26	14 1	16 0	16 16	15 51	19 51			n.a.
W29	23 48	11 52	5 9	19 57	0 59	17 59	3 7	27 19	3 58	11 1	0 48	5 47	2 22	17 28	0 47	17 28	1 26	14 2	16 1	16 14	15 50	19 51			n.a.
T 30	23 50	8 3	5 1	20 20	0 49	17 45	3 21	27 17	3 58	11 0	0 48	5 48	2 22	17 29	0 47	17 27	1 26	14 2	16 1	16 12	15 49	19 51			n.a.
F 31	23s50	3n47	4s38	20s42	0n40	17s31	3n35	27n16	3n59	11n 0	0s48	5s50	2n22	17n29	0n47	17n27	1s26	14n 2	16n 2	16s11	15s48	19n52			n.a.

Julian Day Number = 1273595.5, Delta T = 08h14m49s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'52, Lahiri = -20°52'52 Julian Calendar 1 Dec. 1227 BCE == Greg. Calendar 20 Nov. 1227 BCE

The year -1226 astronomical counting style corresponds to year 1227 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1226 BCE
geocentric

JANUARY 1226 BCE (-1225) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 55 24	0♉12'53	22♍44	5♐31	27°R20	17°R44	0°R13	20♎15	14°R32	22°R59	1♎30	13°R34	12♏19	8♊47	n.a.	S 1
S 2	5 59 21	1°13'36	6♎ 7	6°44	27♉13	17♊22	0♋12	20°19	14♌31	22♋58	1°31	13°D33	12°16	8°53	n.a.	S 2
M 3	6 3 17	2°14'19	19°51	7°59	27° 4	17° 1	0°11	20°22	14°29	22°57	1°31	13♏34	12°13	9° 0	n.a.	M 3
T 4	6 7 14	3°15'01	3♏59	9°16	26°53	16°39	0°11	20°26	14°27	22°56	1°31	13°35	12° 9	9° 7	n.a.	T 4
W 5	6 11 10	4°15'41	18°29	10°34	26°39	16°19	0°11	20°29	14°26	22°54	1°32	13°R36	12° 6	9°13	n.a.	W 5
T 6	6 15 7	5°16'19	3♐19	11°54	26°22	15°59	0°D10	20°33	14°24	22°53	1°32	13°34	12° 3	9°20	n.a.	T 6
F 7	6 19 4	6°16'57	18°22	13°15	26° 3	15°39	0°11	20°36	14°22	22°52	1°32	13°30	12° 0	9°27	n.a.	F 7
S 8	6 23 0	7°17'32	3♑31	14°37	25°42	15°21	0°11	20°39	14°20	22°51	1°33	13°24	11°57	9°33	n.a.	S 8
S 9	6 26 57	8°18'06	18°35	16° 0	25°19	15° 2	0°11	20°42	14°18	22°50	1°33	13°15	11°54	9°40	n.a.	S 9
M10	6 30 53	9°18'39	3♒25	17°25	24°53	14°45	0°12	20°45	14°16	22°49	1°33	13° 6	11°50	9°47	n.a.	M10
T 11	6 34 50	10°19'09	17°52	18°51	24°25	14°28	0°13	20°48	14°14	22°48	1°33	12°57	11°47	9°53	n.a.	T 11
W12	6 38 46	11°19'37	1♓52	20°17	23°55	14°12	0°14	20°51	14°12	22°47	1°33	12°50	11°44	10° 0	n.a.	W12
T 13	6 42 43	12°20'03	15°22	21°45	23°24	13°56	0°16	20°54	14°10	22°46	1°34	12°44	11°41	10° 7	n.a.	T 13
F 14	6 46 39	13°20'27	28°24	23°14	22°51	13°42	0°17	20°56	14° 8	22°45	1°34	12°41	11°38	10°13	n.a.	F 14
S 15	6 50 36	14°20'49	11♈ 1	24°44	22°16	13°28	0°19	20°59	14° 6	22°44	1°R34	12°D39	11°35	10°20	n.a.	S 15
S 16	6 54 33	15°21'08	23°17	26°15	21°41	13°15	0°21	21° 1	14° 4	22°43	1°34	12°40	11°31	10°27	n.a.	S 16
M17	6 58 29	16°21'26	5♉18	27°47	21° 4	13° 2	0°23	21° 4	14° 2	22°42	1°34	12°40	11°28	10°33	n.a.	M17
T 18	7 2 26	17°21'41	17°10	29°20	20°27	12°51	0°25	21° 6	13°59	22°41	1°33	12°R40	11°25	10°40	n.a.	T 18
W19	7 6 22	18°21'55	28°57	0♑54	19°49	12°40	0°28	21° 8	13°57	22°40	1°33	12°39	11°22	10°47	n.a.	W19
T 20	7 10 19	19°22'06	10♊44	2°29	19°11	12°30	0°30	21°10	13°55	22°40	1°33	12°35	11°19	10°53	n.a.	T 20
F 21	7 14 15	20°22'15	22°35	4° 5	18°33	12°20	0°33	21°12	13°53	22°39	1°33	12°29	11°15	11° 0	n.a.	F 21
S 22	7 18 12	21°22'22	4♋32	5°42	17°56	12°12	0°36	21°14	13°50	22°38	1°33	12°19	11°12	11° 7	n.a.	S 22
S 23	7 22 8	22°22'26	16°38	7°20	17°19	12° 4	0°39	21°16	13°48	22°37	1°32	12° 8	11° 9	11°13	n.a.	S 23
M24	7 26 5	23°22'29	28°53	8°59	16°43	11°57	0°43	21°18	13°46	22°37	1°32	11°55	11° 6	11°20	n.a.	M24
T 25	7 30 2	24°22'30	11♌19	10°40	16° 8	11°51	0°46	21°19	13°43	22°36	1°32	11°42	11° 3	11°27	n.a.	T 25
W26	7 33 58	25°22'28	23°56	12°21	15°34	11°46	0°50	21°21	13°41	22°36	1°31	11°29	11° 0	11°33	n.a.	W26
T 27	7 37 55	26°22'25	6♍43	14° 3	15° 2	11°41	0°54	21°22	13°38	22°35	1°31	11°19	10°56	11°40	n.a.	T 27
F 28	7 41 51	27°22'20	19°42	15°47	14°32	11°38	0°58	21°24	13°36	22°34	1°31	11°11	10°53	11°47	n.a.	F 28
S 29	7 45 48	28°22'13	2♎54	17°31	14° 3	11°35	1° 3	21°25	13°33	22°34	1°30	11° 6	10°50	11°53	n.a.	S 29
S 30	7 49 44	29°22'04	16°19	19°17	13°37	11°32	1° 7	21°26	13°31	22°33	1°30	11° 4	10°47	12° 0	n.a.	S 30
M31	7 53 41	0♒21'53	29♎59	21♑ 4	13♑12	11♊31	1♋12	21♎27	13♌28	22♋33	1♎29	11°D 4	10♏44	12♊ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	0s44	4s 0	21s 4	0n31	17s18	3n49	27n14	3n59	11n 0	0s47	5s51	2n22	17n30	0n47	17n27	1s26	14n 2	16n 3	16s10	15s47	19n52		n.a.
S 2	23 50	5 20	3 8	21 26	0 22	17 5	4 4	27 12	3 59	11 0	0 47	5 52	2 23	17 30	0 48	17 27	1 26	14 3	16 3	16 10	15 46	19 52		n.a.
M 3	23 49	9 48	2 5	21 47	0 14	16 53	4 18	27 10	4 0	11 0	0 47	5 53	2 23	17 31	0 48	17 26	1 26	14 3	16 4	16 10	15 45	19 52		n.a.
T 4	23 48	13 52	0 52	22 7	0 5	16 41	4 32	27 8	4 0	11 0	0 46	5 55	2 23	17 31	0 48	17 26	1 26	14 3	16 4	16 11	15 44	19 53		n.a.
W 5	23 46	17 12	0n26	22 27	0s 3	16 29	4 47	27 6	4 0	11 0	0 46	5 56	2 23	17 32	0 48	17 26	1 26	14 4	16 5	16 11	15 43	19 53		n.a.
T 6	23 44	19 28	1 44	22 47	0 11	16 18	5 1	27 3	4 0	11 0	0 46	5 57	2 23	17 33	0 48	17 25	1 26	14 4	16 5	16 10	15 42	19 53		n.a.
F 7	23 41	20 24	2 56	23 5	0 19	16 8	5 15	27 1	3 59	11 1	0 46	5 58	2 24	17 33	0 48	17 25	1 25	14 4	16 6	16 9	15 41	19 53		n.a.
S 8	23 38	19 52	3 55	23 23	0 27	15 58	5 29	26 59	3 59	11 1	0 45	5 59	2 24	17 34	0 48	17 25	1 25	14 5	16 6	16 7	15 40	19 53		n.a.
S 9	23 34	17 56	4 38	23 39	0 34	15 48	5 43	26 56	3 59	11 1	0 45	6 0	2 24	17 34	0 48	17 25	1 25	14 5	16 7	16 5	15 39	19 54		n.a.
M10	23 30	14 50	5 1	23 55	0 42	15 40	5 56	26 54	3 58	11 2	0 45	6 1	2 24	17 35	0 48	17 24	1 25	14 5	16 7	16 2	15 38	19 54		n.a.
T 11	23 26	10 54	5 5	24 10	0 49	15 32	6 10	26 51	3 58	11 3	0 45	6 2	2 24	17 36	0 48	17 24	1 25	14 6	16 8	15 59	15 37	19 54		n.a.
W12	23 21	6 29	4 49	24 24	0 55	15 24	6 22	26 49	3 57	11 3	0 44	6 3	2 25	17 36	0 48	17 24	1 25	14 6	16 8	15 57	15 36	19 54		n.a.
T 13	23 15	1 54	4 18	24 36	1 2	15 18	6 34	26 46	3 57	11 4	0 44	6 3	2 25	17 37	0 48	17 24	1 25	14 7	16 9	15 55	15 35	19 55		n.a.
F 14	23 9	2n37	3 34	24 48	1 8	15 12	6 46	26 44	3 56	11 5	0 44	6 4	2 25	17 37	0 48	17 24	1 25	14 7	16 9	15 54	15 34	19 55		n.a.
S 15	23 3	6 53	2 41	24 58	1 14	15 6	6 57	26 41	3 55	11 6	0 43	6 5	2 25	17 38	0 48	17 23	1 25	14 7	16 10	15 54	15 33	19 55		n.a.
S 16	22 56	10 46	1 42	25 6	1 19	15 2	7 7	26 39	3 54	11 6	0 43	6 6	2 25	17 39	0 48	17 23	1 25	14 8	16 10	15 54	15 32	19 55		n.a.
M17	22 49	14 8	0 39	25 14	1 25	14 58	7 17	26 36	3 54	11 7	0 43	6 6	2 26	17 39	0 48	17 23	1 25	14 8	16 11	15 54	15 31	19 55		n.a.
T 18	22 41	16 51	0s24	25 20	1 30	14 55	7 25	26 34	3 53	11 9	0 43	6 7	2 26	17 40	0 48	17 23	1 25	14 9	16 11	15 54	15 30	19 55		n.a.
W19	22 33	18 52	1 26	25 25	1 35	14 52	7 33	26 31	3 52	11 10	0 42	6 8	2 26	17 41	0 48	17 23	1 25	14 9	16 12	15 53	15 29	19 56		n.a.
T 20	22 25	20 3	2 24	25 28	1 39	14 50	7 40	26 29	3 51	11 11	0 42	6 8	2 26	17 41	0 48	17 23	1 25	14 10	16 12	15 52	15 28	19 56		n.a.
F 21	22 16	20 22	3 16	25 29	1 43	14 49	7 47	26 27	3 50	11 12	0 42	6 9	2 26	17 42	0 48	17 22	1 25	14 10	16 13	15 50	15 27	19 56		n.a.
S 22	22 6	19 46	3 59	25 29	1 47	14 49	7 52	26 24	3 48	11 13	0 42	6 9	2 27	17 43	0 48	17 22	1 25	14 11	16 13	15 47	15 26	19 56		n.a.
S 23	21 57	18 16	4 33	25 28	1 50	14 49	7 56	26 22	3 47	11 15	0 41	6 10	2 27	17 44	0 48	17 22	1 25	14 11	16 14	15 44	15 25	19 56		n.a.
M24	21 47	15 56	4 54	25 25	1 53	14 50	8 0	26 20	3 46	11 16	0 41	6 10	2 27	17 44	0 48	17 22	1 25	14 12	16 14	15 40	15 24	19 57		n.a.
T 25	21 36	12 51	5 1	25 20	1 56	14 52	8 2	26 18	3 45	11 18	0 41	6 11	2 27	17 45	0 48	17 22	1 25	14 13	16 15	15 36	15 23	19 57		n.a.
W26	21 25	9 8	4 54	25 13	1 58	14 54	8 4	26 16	3 44	11 19	0 41	6 11	2 28	17 46	0 48	17 22	1 25	14 13	16 15	15 32	15 22	19 57		n.a.
T 27	21 14	4 59	4 33	25 4	2 0	14 57	8 5	26 14	3 42	11 21	0 40	6 11	2 28	17 46	0 48	17 22	1 24	14 14	16 15	15 29	15 21	19 57		n.a.
F 28	21 2	0 31	3 57	24 54	2 1	15 0	8 4	26 12	3 41	11 23	0 40	6 12	2 28	17 47	0 48	17 22	1 24	14 14	16 16	15 26	15 20	19 57		n.a.
S 29	20 50	4s 2	3 7	24 41	2 2	15 4	8 4	26 11	3 40	11 25	0 40	6 12	2 28	17 48	0 48	17 22	1 24	14 15	16 16	15 25	15 19	19 57		n.a.
S 30	20 37	8 28	2 7	24 27	2 3	15 8	8 2	26 9	3 39	11 26	0 40	6 12	2 28	17 49	0 48	17 22	1 24	14 16	16 17	15 24	15 18	19 57		n.a.
M31	20s25	12s34	0s58	24s11	2s 3	15s13	7n59	26n 7	3n37	11n28	0s39	6s12	2n29	17n49	0n48	17n21	1s24	14n16	16n17	15s24	15s17	19n58		n.a.

Julian Day Number = 1273626.5, Delta T = 08h14m47s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'48, Lahiri = -20°52'48 Julian Calendar 1 Jan. 1226 BCE == Greg. Calendar 21 Dec. 1227 BCE

The year -1225 astronomical counting style corresponds to year 1226 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1226 BCE
geocentric

FEBRUARY 1226 BCE (-1225) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 57 37	1♒21'41	13♏55	22♑52	12°R50	11°D30	1♉17	21♎28	13°R26	22°R33	1°R29	11°R 4	10♏41	12♊13	n.a.	T 1
W 2	8 1 34	2°21'26	28° 8	24°42	12♑30	11♊30	1°22	21°29	13♌23	22♉32	1♎28	11♏ 3	10°37	12°20	n.a.	W 2
T 3	8 5 31	3°21'10	12♐36	26°32	12°13	11°31	1°27	21°30	13°21	22°32	1°27	11° 0	10°34	12°27	n.a.	T 3
F 4	8 9 27	4°20'52	27°17	28°24	11°58	11°32	1°32	21°30	13°18	22°32	1°27	10°55	10°31	12°33	n.a.	F 4
S 5	8 13 24	5°20'33	12♑ 5	0♒16	11°45	11°35	1°38	21°31	13°16	22°31	1°26	10°46	10°28	12°40	n.a.	S 5
S 6	8 17 20	6°20'11	26°52	2°10	11°35	11°38	1°44	21°31	13°13	22°31	1°25	10°36	10°25	12°47	n.a.	S 6
M 7	8 21 17	7°19'47	11♒29	4° 5	11°28	11°41	1°49	21°31	13°11	22°31	1°24	10°24	10°21	12°53	n.a.	M 7
T 8	8 25 13	8°19'20	25°50	6° 1	11°23	11°45	1°55	21°32	13° 8	22°31	1°24	10°12	10°18	13° 0	n.a.	T 8
W 9	8 29 10	9°18'52	9♓48	7°59	11°20	11°50	2° 2	21°32	13° 5	22°30	1°23	10° 1	10°15	13° 7	n.a.	W 9
T 10	8 33 6	10°18'21	23°19	9°57	11°D20	11°56	2° 8	21°R32	13° 3	22°30	1°22	9°53	10°12	13°13	n.a.	T 10
F 11	8 37 3	11°17'47	6♈24	11°56	11°22	12° 2	2°14	21°32	13° 0	22°30	1°21	9°47	10° 9	13°20	n.a.	F 11
S 12	8 40 59	12°17'12	19° 5	13°56	11°26	12° 9	2°21	21°32	12°58	22°30	1°20	9°44	10° 6	13°27	n.a.	S 12
S 13	8 44 56	13°16'33	1♉24	15°56	11°33	12°17	2°28	21°31	12°55	22°D30	1°19	9°43	10° 2	13°33	n.a.	S 13
M14	8 48 53	14°15'53	13°28	17°58	11°42	12°25	2°35	21°31	12°52	22°30	1°18	9°43	9°59	13°40	n.a.	M14
T 15	8 52 49	15°15'10	25°22	19°59	11°53	12°34	2°42	21°30	12°50	22°30	1°17	9°43	9°56	13°47	n.a.	T 15
W16	8 56 46	16°14'24	7♊10	22° 1	12° 6	12°43	2°49	21°30	12°47	22°30	1°16	9°41	9°53	13°53	n.a.	W16
T 17	9 0 42	17°13'36	18°59	24° 3	12°22	12°53	2°56	21°29	12°45	22°31	1°15	9°37	9°50	14° 0	n.a.	T 17
F 18	9 4 39	18°12'46	0♋53	26° 5	12°39	13° 4	3° 4	21°28	12°42	22°31	1°14	9°31	9°47	14° 7	n.a.	F 18
S 19	9 8 35	19°11'53	12°56	28° 6	12°58	13°15	3°12	21°28	12°39	22°31	1°13	9°22	9°43	14°13	n.a.	S 19
S 20	9 12 32	20°10'58	25°10	0♌ 6	13°19	13°27	3°19	21°27	12°37	22°31	1°12	9°11	9°40	14°20	n.a.	S 20
M21	9 16 28	21°10'01	7♌38	2° 5	13°42	13°39	3°27	21°26	12°34	22°31	1°11	8°58	9°37	14°27	n.a.	M21
T 22	9 20 25	22° 9'01	20°20	4° 3	14° 6	13°52	3°35	21°24	12°32	22°32	1° 9	8°45	9°34	14°33	n.a.	T 22
W23	9 24 22	23° 7'59	3♍15	5°58	14°33	14° 5	3°43	21°23	12°29	22°32	1° 8	8°33	9°31	14°40	n.a.	W23
T 24	9 28 18	24° 6'55	16°24	7°51	15° 0	14°19	3°52	21°22	12°27	22°32	1° 7	8°23	9°27	14°47	n.a.	T 24
F 25	9 32 15	25° 5'49	29°44	9°42	15°30	14°33	4° 0	21°21	12°24	22°33	1° 6	8°15	9°24	14°53	n.a.	F 25
S 26	9 36 11	26° 4'41	13♎14	11°29	16° 1	14°47	4° 9	21°19	12°21	22°33	1° 5	8°10	9°21	15° 0	n.a.	S 26
S 27	9 40 8	27° 3'31	26°54	13°13	16°33	15° 3	4°17	21°17	12°19	22°34	1° 3	8° 8	9°18	15° 7	n.a.	S 27
M28	9 44 4	28♒ 2'19	10♏42	14♓53	17♑ 7	15♊18	4♉26	21♎16	12♌17	22♉34	1♎ 2	8°D 7	9♏15	15♊13	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s11	16s 2	0n15	23s53	2s 3	15s19	7n56	26n 6	3n36	11n30	0s39	6s13	2n29	17n50	0n48	17n21	1s24	14n17	16n18	15s24	15s16	19n58		n.a.
W 2	19 58	18 38	1 29	23 32	2 2	15 24	7 52	26 4	3 34	11 32	0 39	6 13	2 29	17 51	0 48	17 21	1 24	14 18	16 18	15 23	15 15	19 58		n.a.
T 3	19 44	20 4	2 39	23 10	2 0	15 30	7 48	26 3	3 33	11 34	0 39	6 13	2 29	17 52	0 48	17 21	1 24	14 18	16 19	15 23	15 14	19 58		n.a.
F 4	19 30	20 10	3 39	22 46	1 59	15 37	7 43	26 2	3 32	11 36	0 38	6 13	2 30	17 52	0 48	17 21	1 24	14 19	16 19	15 21	15 13	19 58		n.a.
S 5	19 15	18 54	4 24	22 19	1 56	15 43	7 37	26 1	3 30	11 38	0 38	6 13	2 30	17 53	0 48	17 21	1 24	14 20	16 20	15 18	15 12	19 58		n.a.
S 6	19 0	16 21	4 52	21 51	1 53	15 50	7 31	26 0	3 29	11 41	0 38	6 13	2 30	17 54	0 48	17 21	1 24	14 20	16 20	15 15	15 11	19 58		n.a.
M 7	18 45	12 49	5 0	21 20	1 50	15 57	7 24	25 59	3 27	11 43	0 38	6 13	2 30	17 55	0 48	17 21	1 24	14 21	16 20	15 11	15 10	19 58		n.a.
T 8	18 29	8 35	4 50	20 47	1 46	16 5	7 17	25 58	3 26	11 45	0 37	6 13	2 30	17 56	0 48	17 21	1 24	14 22	16 21	15 7	15 9	19 58		n.a.
W 9	18 13	4 0	4 21	20 12	1 41	16 12	7 10	25 57	3 24	11 48	0 37	6 12	2 31	17 56	0 48	17 21	1 24	14 22	16 21	15 4	15 8	19 59		n.a.
T 10	17 57	0n39	3 39	19 35	1 36	16 20	7 3	25 57	3 23	11 50	0 37	6 12	2 31	17 57	0 48	17 21	1 24	14 23	16 22	15 1	15 7	19 59		n.a.
F 11	17 41	5 7	2 47	18 56	1 30	16 27	6 55	25 56	3 21	11 53	0 37	6 12	2 31	17 58	0 48	17 21	1 24	14 24	16 22	14 59	15 6	19 59		n.a.
S 12	17 24	9 14	1 47	18 15	1 24	16 35	6 47	25 56	3 20	11 55	0 37	6 12	2 31	17 59	0 48	17 21	1 24	14 24	16 22	14 58	15 5	19 59		n.a.
S 13	17 7	12 51	0 44	17 33	1 17	16 43	6 38	25 55	3 19	11 58	0 36	6 11	2 31	17 59	0 48	17 21	1 24	14 25	16 23	14 58	15 4	19 59		n.a.
M14	16 49	15 50	0s20	16 48	1 9	16 51	6 30	25 55	3 17	12 0	0 36	6 11	2 32	18 0	0 48	17 22	1 23	14 26	16 23	14 58	15 3	19 59		n.a.
T 15	16 32	18 6	1 22	16 2	1 1	16 58	6 21	25 55	3 16	12 3	0 36	6 11	2 32	18 1	0 48	17 22	1 23	14 27	16 24	14 58	15 2	19 59		n.a.
W16	16 14	19 34	2 20	15 13	0 52	17 6	6 12	25 54	3 14	12 6	0 36	6 10	2 32	18 2	0 48	17 22	1 23	14 27	16 24	14 57	15 1	19 59		n.a.
T 17	15 56	20 11	3 12	14 24	0 43	17 14	6 3	25 54	3 13	12 8	0 35	6 10	2 32	18 2	0 48	17 22	1 23	14 28	16 24	14 56	15 0	19 59		n.a.
F 18	15 37	19 54	3 56	13 33	0 33	17 21	5 54	25 54	3 11	12 11	0 35	6 9	2 33	18 3	0 48	17 22	1 23	14 29	16 25	14 54	14 59	19 59		n.a.
S 19	15 19	18 43	4 30	12 41	0 23	17 28	5 45	25 54	3 10	12 14	0 35	6 9	2 33	18 4	0 48	17 22	1 23	14 30	16 25	14 51	14 58	19 59		n.a.
S 20	15 0	16 40	4 52	11 49	0 12	17 36	5 36	25 54	3 8	12 17	0 35	6 8	2 33	18 5	0 48	17 22	1 23	14 30	16 25	14 48	14 57	19 59		n.a.
M21	14 41	13 50	5 1	10 55	0 1	17 42	5 26	25 55	3 7	12 20	0 35	6 8	2 33	18 5	0 48	17 22	1 23	14 31	16 26	14 44	14 56	19 59		n.a.
T 22	14 22	10 18	4 55	10 1	0n11	17 49	5 17	25 55	3 5	12 23	0 34	6 7	2 33	18 6	0 48	17 22	1 23	14 32	16 26	14 39	14 55	19 59		n.a.
W23	14 2	6 14	4 34	9 7	0 22	17 56	5 8	25 55	3 4	12 26	0 34	6 6	2 34	18 7	0 48	17 22	1 23	14 33	16 26	14 35	14 54	20 0		n.a.
T 24	13 42	1 49	3 58	8 14	0 35	18 2	4 59	25 55	3 3	12 29	0 34	6 6	2 34	18 7	0 48	17 23	1 23	14 34	16 27	14 32	14 53	20 0		n.a.
F 25	13 22	2s46	3 9	7 21	0 47	18 8	4 49	25 55	3 1	12 32	0 34	6 5	2 34	18 8	0 48	17 23	1 23	14 34	16 27	14 29	14 52	20 0		n.a.
S 26	13 2	7 16	2 8	6 28	0 59	18 13	4 40	25 56	3 0	12 35	0 34	6 4	2 34	18 9	0 48	17 23	1 23	14 35	16 27	14 28	14 51	20 0		n.a.
S 27	12 42	11 27	0 59	5 37	1 11	18 19	4 31	25 56	2 58	12 38	0 33	6 4	2 34	18 10	0 48	17 23	1 23	14 36	16 28	14 27	14 50	20 0		n.a.
M28	12s21	15s 4	0n14	4s46	1n23	18s24	4n22	25n57	2n57	12n42	0s33	6s 3	2n34	18n10	0n48	17n23	1s23	14n37	16n28	14s27	14s49	20n 0		n.a.

Julian Day Number = 1273657.5, Delta T = 08h14m46s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'44, Lahiri = -20°52'44 Julian Calendar 1 Feb. 1226 BCE == Greg. Calendar 21 Jan. 1226 BCE

The year -1225 astronomical counting style corresponds to year 1226 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1226 BCE
geocentric

MARCH 1226 BCE (-1225) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 48 1	29♒ 1'06	24♏40	16♓29	17♉42	15♊34	4♉35	21°R14	12°R14	22♉35	1°R 1	8°R 8	9♏12	15♊20	n.a.	T 1
W 2	9 51 57	29°59'50	8♐46	18° 1	18°18	15°51	4°44	21♎12	12♌12	22°35	0♎59	8♏ 7	9° 8	15°27	n.a.	W 2
T 3	9 55 54	0♓58'33	22°59	19°27	18°56	16° 8	4°53	21°10	12° 9	22°36	0°58	8° 5	9° 5	15°33	n.a.	T 3
F 4	9 59 50	1°57'14	7♉19	20°49	19°34	16°25	5° 3	21° 8	12° 7	22°36	0°56	8° 1	9° 2	15°40	n.a.	F 4
S 5	10 3 47	2°55'54	21°41	22° 6	20°14	16°43	5°12	21° 6	12° 4	22°37	0°55	7°55	8°59	15°47	n.a.	S 5
S 6	10 7 44	3°54'31	6♒ 1	23°17	20°55	17° 1	5°21	21° 4	12° 2	22°38	0°54	7°46	8°56	15°53	n.a.	S 6
M 7	10 11 40	4°53'06	20°14	24°23	21°37	17°20	5°31	21° 1	12° 0	22°39	0°52	7°36	8°52	16° 0	n.a.	M 7
T 8	10 15 37	5°51'40	4♓14	25°24	22°20	17°39	5°41	20°59	11°57	22°39	0°51	7°26	8°49	16° 7	n.a.	T 8
W 9	10 19 33	6°50'11	17°56	26°18	23° 4	17°58	5°51	20°57	11°55	22°40	0°49	7°16	8°46	16°13	n.a.	W 9
T 10	10 23 30	7°48'40	1♈17	27° 7	23°49	18°18	6° 1	20°54	11°53	22°41	0°48	7° 9	8°43	16°20	n.a.	T 10
F 11	10 27 26	8°47'07	14°16	27°50	24°34	18°38	6°11	20°51	11°50	22°42	0°46	7° 4	8°40	16°27	n.a.	F 11
S 12	10 31 23	9°45'32	26°55	28°27	25°21	18°58	6°21	20°49	11°48	22°43	0°45	7° 2	8°37	16°33	n.a.	S 12
S 13	10 35 19	10°43'55	9♉14	28°58	26° 8	19°19	6°31	20°46	11°46	22°44	0°43	7°D 1	8°33	16°40	n.a.	S 13
M14	10 39 16	11°42'15	21°20	29°23	26°56	19°40	6°41	20°43	11°44	22°44	0°41	7° 2	8°30	16°47	n.a.	M14
T 15	10 43 12	12°40'33	3♊15	29°41	27°45	20° 2	6°52	20°40	11°42	22°45	0°40	7° 3	8°27	16°53	n.a.	T 15
W16	10 47 9	13°38'50	15° 5	29°54	28°34	20°24	7° 2	20°37	11°40	22°46	0°38	7°R 4	8°24	17° 0	n.a.	W16
T 17	10 51 6	14°37'04	26°56	0♈ 1	29°25	20°46	7°13	20°34	11°38	22°47	0°37	7° 3	8°21	17° 7	n.a.	T 17
F 18	10 55 2	15°35'15	8♋52	0°R 3	0♒16	21° 8	7°23	20°31	11°36	22°49	0°35	7° 0	8°18	17°13	n.a.	F 18
S 19	10 58 59	16°33'25	20°59	29♓58	1° 7	21°31	7°34	20°28	11°34	22°50	0°34	6°55	8°14	17°20	n.a.	S 19
S 20	11 2 55	17°31'33	3♌19	29°49	1°59	21°54	7°45	20°24	11°32	22°51	0°32	6°48	8°11	17°27	n.a.	S 20
M21	11 6 52	18°29'38	15°55	29°34	2°52	22°18	7°56	20°21	11°30	22°52	0°30	6°40	8° 8	17°33	n.a.	M21
T 22	11 10 48	19°27'42	28°50	29°15	3°45	22°41	8° 7	20°18	11°28	22°53	0°29	6°32	8° 5	17°40	n.a.	T 22
W23	11 14 45	20°25'43	12♍ 3	28°51	4°39	23° 5	8°18	20°14	11°26	22°54	0°27	6°24	8° 2	17°47	n.a.	W23
T 24	11 18 41	21°23'43	25°32	28°24	5°34	23°29	8°29	20°11	11°24	22°55	0°25	6°18	7°58	17°53	n.a.	T 24
F 25	11 22 38	22°21'41	9♎16	27°53	6°29	23°54	8°41	20° 7	11°22	22°57	0°24	6°13	7°55	18° 0	n.a.	F 25
S 26	11 26 34	23°19'37	23°12	27°20	7°24	24°19	8°52	20° 3	11°21	22°58	0°22	6°10	7°52	18° 7	n.a.	S 26
S 27	11 30 31	24°17'32	7♏15	26°44	8°20	24°44	9° 3	20° 0	11°19	22°59	0°20	6°D10	7°49	18°14	n.a.	S 27
M28	11 34 28	25°15'25	21°24	26° 7	9°16	25° 9	9°15	19°56	11°17	23° 1	0°19	6°10	7°46	18°20	n.a.	M28
T 29	11 38 24	26°13'17	5♐35	25°30	10°13	25°34	9°27	19°52	11°16	23° 2	0°17	6°12	7°43	18°27	n.a.	T 29
W30	11 42 21	27°11'08	19°47	24°52	11°10	26° 0	9°38	19°48	11°14	23° 3	0°15	6°13	7°39	18°34	n.a.	W30
T 31	11 46 17	28♓ 8'57	3♉58	24♓15	12♒ 8	26♊26	9♉50	19♎44	11♌13	23♉ 5	0♎14	6°R13	7♏36	18♊40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s 0	17s51	1n27	3s58	1n35	18s28	4n13	25n57	2n56	12n45	0s33	6s 2	2n35	18n11	0n48	17n23	1s23	14n37	16n28	14s27	14s48	20n 0		n.a.
W 2	11 40	19 34	2 35	3 11	1 47	18 32	4 4	25 58	2 54	12 48	0 33	6 1	2 35	18 12	0 48	17 24	1 23	14 38	16 28	14 27	14 47	20 0		n.a.
T 3	11 18	20 4	3 35	2 26	1 58	18 36	3 55	25 58	2 53	12 51	0 33	6 0	2 35	18 12	0 48	17 24	1 22	14 39	16 29	14 26	14 46	20 0		n.a.
F 4	10 57	19 17	4 21	1 44	2 9	18 40	3 46	25 58	2 52	12 55	0 32	5 59	2 35	18 13	0 48	17 24	1 22	14 40	16 29	14 25	14 45	20 0		n.a.
S 5	10 36	17 16	4 52	1 4	2 19	18 42	3 37	25 59	2 50	12 58	0 32	5 58	2 35	18 14	0 48	17 24	1 22	14 41	16 29	14 23	14 44	20 0		n.a.
S 6	10 14	14 11	5 3	0 27	2 28	18 45	3 28	26 0	2 49	13 1	0 32	5 57	2 36	18 14	0 48	17 25	1 22	14 41	16 29	14 20	14 43	20 0		n.a.
M 7	9 53	10 18	4 56	0n 8	2 37	18 47	3 20	26 0	2 47	13 5	0 32	5 56	2 36	18 15	0 48	17 25	1 22	14 42	16 30	14 16	14 42	20 0		n.a.
T 8	9 31	5 55	4 31	0 40	2 45	18 49	3 11	26 1	2 46	13 8	0 32	5 55	2 36	18 16	0 48	17 25	1 22	14 43	16 30	14 13	14 41	20 0		n.a.
W 9	9 9	1 19	3 51	1 8	2 53	18 50	3 3	26 1	2 45	13 12	0 31	5 54	2 36	18 16	0 48	17 25	1 22	14 44	16 30	14 10	14 40	20 0		n.a.
T 10	8 47	3n15	2 59	1 34	2 59	18 51	2 54	26 2	2 43	13 15	0 31	5 53	2 36	18 17	0 48	17 26	1 22	14 44	16 30	14 8	14 39	20 0		n.a.
F 11	8 25	7 32	1 59	1 56	3 5	18 51	2 46	26 2	2 42	13 19	0 31	5 52	2 36	18 18	0 48	17 26	1 22	14 45	16 30	14 6	14 38	20 0		n.a.
S 12	8 2	11 23	0 54	2 15	3 9	18 50	2 38	26 3	2 41	13 22	0 31	5 51	2 37	18 18	0 48	17 26	1 22	14 46	16 31	14 5	14 36	20 0		n.a.
S 13	7 40	14 38	0s12	2 31	3 12	18 50	2 30	26 3	2 40	13 26	0 31	5 49	2 37	18 19	0 48	17 26	1 22	14 47	16 31	14 5	14 35	20 0		n.a.
M14	7 17	17 10	1 16	2 43	3 15	18 48	2 22	26 4	2 38	13 30	0 30	5 48	2 37	18 19	0 48	17 27	1 22	14 48	16 31	14 5	14 34	20 0		n.a.
T 15	6 55	18 56	2 16	2 51	3 16	18 47	2 14	26 4	2 37	13 33	0 30	5 47	2 37	18 20	0 48	17 27	1 22	14 48	16 31	14 6	14 33	20 0		n.a.
W16	6 32	19 50	3 10	2 56	3 15	18 44	2 6	26 4	2 36	13 37	0 30	5 46	2 37	18 21	0 48	17 27	1 22	14 49	16 31	14 6	14 32	19 59		n.a.
T 17	6 9	19 52	3 56	2 58	3 14	18 41	1 58	26 5	2 35	13 41	0 30	5 44	2 37	18 21	0 48	17 28	1 22	14 50	16 31	14 5	14 31	19 59		n.a.
F 18	5 46	19 1	4 32	2 56	3 11	18 38	1 51	26 5	2 33	13 44	0 30	5 43	2 37	18 22	0 48	17 28	1 22	14 51	16 31	14 5	14 30	19 59		n.a.
S 19	5 23	17 18	4 56	2 50	3 7	18 34	1 43	26 5	2 32	13 48	0 30	5 42	2 38	18 22	0 48	17 28	1 22	14 51	16 31	14 3	14 29	19 59		n.a.
S 20	5 1	14 46	5 7	2 41	3 1	18 30	1 36	26 6	2 31	13 52	0 29	5 40	2 38	18 23	0 48	17 29	1 22	14 52	16 32	14 1	14 28	19 59		n.a.
M21	4 37	11 30	5 3	2 29	2 54	18 25	1 28	26 6	2 30	13 56	0 29	5 39	2 38	18 23	0 48	17 29	1 22	14 53	16 32	13 58	14 27	19 59		n.a.
T 22	4 14	7 38	4 45	2 14	2 46	18 19	1 21	26 6	2 28	13 59	0 29	5 38	2 38	18 24	0 48	17 29	1 21	14 54	16 32	13 55	14 26	19 59		n.a.
W23	3 51	3 18	4 11	1 55	2 37	18 13	1 14	26 6	2 27	14 3	0 29	5 36	2 38	18 24	0 48	17 30	1 21	14 54	16 32	13 53	14 25	19 59		n.a.
T 24	3 28	1s17	3 22	1 34	2 26	18 6	1 7	26 6	2 26	14 7	0 29	5 35	2 38	18 25	0 48	17 30	1 21	14 55	16 32	13 50	14 24	19 59		n.a.
F 25	3 5	5 53	2 20	1 11	2 14	17 59	1 1	26 6	2 25	14 11	0 29	5 33	2 38	18 25	0 48	17 30	1 21	14 56	16 32	13 49	14 23	19 59		n.a.
S 26	2 42	10 14	1 10	0 46	2 1	17 52	0 54	26 6	2 24	14 15	0 28	5 32	2 38	18 26	0 48	17 31	1 21	14 56	16 32	13 48	14 22	19 59		n.a.
S 27	2 18	14 4	0n 6	0 18	1 47	17 43	0 47	26 6	2 23	14 18	0 28	5 30	2 38	18 26	0 48	17 31	1 21	14 57	16 32	13 48	14 21	19 59		n.a.
M28	1 55	17 6	1 22	0s10	1 32	17 34	0 41	26 6	2 21	14 22	0 28	5 29	2 39	18 27	0 48	17 32	1 21	14 58	16 32	13 48	14 20	19 59		n.a.
T 29	1 32	19 5	2 33	0 40	1 16	17 25	0 35	26 6	2 20	14 26	0 28	5 27	2 39	18 27	0 48	17 32	1 21	14 58	16 32	13 48	14 19	19 59		n.a.
W30	1 8	19 52	3 35	1 10	1 0	17 15	0 29	26 6	2 19	14 30	0 28	5 26	2 39	18 27	0 48	17 32	1 21	14 59	16 32	13 49	14 18	19 58		n.a.
T 31	0s45	19s23	4n23	1s40	0n43	17s 5	0n22	26n 5	2n18	14n34	0s28	5s24	2n39	18n28	0n48	17n33	1s21	15n 0	16n32	13s49	14s17	19n58		n.a.

Julian Day Number = 1273685.5, Delta T = 08h14m44s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'40, Lahiri = -20°52'40 Julian Calendar 1 March 1226 BCE == Greg. Calendar 18 Feb. 1226 BCE

The year -1225 astronomical counting style corresponds to year 1226 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1226 BCE
geocentric

APRIL 1226 BCE (-1225) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 50 14	29♓ 6'45	18♉ 5	23°R39	13♒ 6	26♊52	10♉ 2	19°R40	11°R11	23♉ 6	0°R12	6°R11	7♏33	18♊47	n.a.	F 1
S 2	11 54 10	0♈ 4'32	2♒ 8	23♓ 5	14° 5	27°19	10°14	19♎36	11♌10	23° 8	0♎10	6♏ 8	7°30	18°54	n.a.	S 2
S 3	11 58 7	1° 2'17	16° 3	22°33	15° 4	27°45	10°25	19°32	11° 8	23° 9	0° 9	6° 4	7°27	19° 0	n.a.	S 3
M 4	12 2 3	2° 0'01	29°48	22° 4	16° 3	28°12	10°37	19°28	11° 7	23°11	0° 7	5°59	7°23	19° 7	n.a.	M 4
T 5	12 6 0	2°57'44	13♓21	21°39	17° 2	28°39	10°50	19°24	11° 6	23°12	0° 5	5°53	7°20	19°14	n.a.	T 5
W 6	12 9 57	3°55'25	26°39	21°17	18° 2	29° 7	11° 2	19°20	11° 4	23°14	0° 3	5°49	7°17	19°20	n.a.	W 6
T 7	12 13 53	4°53'05	9♈41	20°59	19° 3	29°34	11°14	19°16	11° 3	23°16	0° 2	5°45	7°14	19°27	n.a.	T 7
F 8	12 17 50	5°50'43	22°26	20°45	20° 3	0♋ 2	11°26	19°12	11° 2	23°17	0° 0	5°43	7°11	19°34	n.a.	F 8
S 9	12 21 46	6°48'20	4♉56	20°35	21° 4	0°30	11°38	19° 7	11° 1	23°19	29♍58	5°D42	7° 8	19°40	n.a.	S 9
S 10	12 25 43	7°45'56	17°11	20°30	22° 5	0°58	11°51	19° 3	11° 0	23°20	29°57	5°43	7° 4	19°47	n.a.	S 10
M11	12 29 39	8°43'29	29°14	20°D30	23° 6	1°26	12° 3	18°59	10°59	23°22	29°55	5°44	7° 1	19°54	n.a.	M11
T 12	12 33 36	9°41'02	11♊ 9	20°34	24° 8	1°55	12°16	18°55	10°58	23°24	29°53	5°46	6°58	20° 0	n.a.	T 12
W13	12 37 32	10°38'33	22°59	20°43	25°10	2°24	12°28	18°50	10°57	23°26	29°52	5°47	6°55	20° 7	n.a.	W13
T 14	12 41 29	11°36'02	4♋51	20°56	26°12	2°53	12°41	18°46	10°56	23°27	29°50	5°48	6°52	20°14	n.a.	T 14
F 15	12 45 25	12°33'30	16°48	21°13	27°15	3°22	12°53	18°41	10°55	23°29	29°48	5°R48	6°49	20°20	n.a.	F 15
S 16	12 49 22	13°30'56	28°55	21°35	28°17	3°51	13° 6	18°37	10°55	23°31	29°47	5°47	6°45	20°27	n.a.	S 16
S 17	12 53 19	14°28'21	11♌16	22° 1	29°20	4°21	13°19	18°33	10°54	23°33	29°45	5°46	6°42	20°34	n.a.	S 17
M18	12 57 15	15°25'45	23°56	22°32	0♓24	4°50	13°31	18°28	10°53	23°34	29°44	5°43	6°39	20°40	n.a.	M18
T 19	13 1 12	16°23'07	6♍57	23° 7	1°27	5°20	13°44	18°24	10°53	23°36	29°42	5°41	6°36	20°47	n.a.	T 19
W20	13 5 8	17°20'28	20°19	23°45	2°31	5°50	13°57	18°20	10°52	23°38	29°40	5°38	6°33	20°54	n.a.	W20
T 21	13 9 5	18°17'47	4♎ 4	24°27	3°34	6°20	14°10	18°15	10°51	23°40	29°39	5°36	6°29	21° 1	n.a.	T 21
F 22	13 13 1	19°15'06	18° 8	25°14	4°38	6°50	14°23	18°11	10°51	23°42	29°37	5°34	6°26	21° 7	n.a.	F 22
S 23	13 16 58	20°12'23	2♏27	26° 4	5°43	7°21	14°36	18° 6	10°51	23°44	29°36	5°D34	6°23	21°14	n.a.	S 23
S 24	13 20 54	21° 9'40	16°57	26°57	6°47	7°51	14°49	18° 2	10°50	23°46	29°34	5°34	6°20	21°21	n.a.	S 24
M25	13 24 51	22° 6'56	1♐32	27°54	7°52	8°22	15° 2	17°58	10°50	23°48	29°33	5°35	6°17	21°27	n.a.	M25
T 26	13 28 48	23° 4'11	16° 6	28°54	8°57	8°53	15°15	17°53	10°50	23°50	29°31	5°36	6°14	21°34	n.a.	T 26
W27	13 32 44	24° 1'26	0♑34	29°58	10° 2	9°24	15°28	17°49	10°49	23°52	29°30	5°37	6°10	21°41	n.a.	W27
T 28	13 36 41	24°58'40	14°53	1♈ 5	11° 7	9°55	15°41	17°44	10°49	23°54	29°28	5°37	6° 7	21°47	n.a.	T 28
F 29	13 40 37	25°55'54	29° 0	2°15	12°12	10°27	15°54	17°40	10°49	23°56	29°27	5°R37	6° 4	21°54	n.a.	F 29
S 30	13 44 34	26♈53'07	12♒53	3♈28	13♓18	10♋58	16♉ 7	17♎36	10°D49	23♉58	29♍25	5♏37	6♏ 1	22♊ 1	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s22	17s42	4n56	2s 9	0n27	16s54	0n16	26n 5	2n17	14n38	0s27	5s22	2n39	18n28	0n48	17n33	1s21	15n 0	16n32	13s48	14s16	19n58		n.a.
S 2	0n 2	14 58	5 10	2 39	0 10	16 43	0 11	26 4	2 16	14 42	0 27	5 21	2 39	18 29	0 48	17 34	1 21	15 1	16 32	13 47	14 15	19 58		n.a.
S 3	0 25	11 25	5 7	3 7	0s 7	16 31	0 5	26 4	2 15	14 46	0 27	5 19	2 39	18 29	0 48	17 34	1 21	15 2	16 32	13 46	14 13	19 58		n.a.
M 4	0 49	7 17	4 45	3 33	0 24	16 18	0s 1	26 3	2 13	14 50	0 27	5 18	2 39	18 29	0 48	17 34	1 21	15 2	16 32	13 44	14 12	19 58		n.a.
T 5	1 12	2 51	4 8	3 58	0 40	16 5	0 6	26 2	2 12	14 54	0 27	5 16	2 39	18 30	0 48	17 35	1 21	15 3	16 32	13 42	14 11	19 58		n.a.
W 6	1 35	1n39	3 17	4 21	0 55	15 52	0 11	26 1	2 11	14 58	0 27	5 14	2 39	18 30	0 48	17 35	1 21	15 4	16 32	13 41	14 10	19 58		n.a.
T 7	1 58	6 0	2 18	4 42	1 10	15 38	0 17	26 0	2 10	15 2	0 27	5 13	2 39	18 30	0 47	17 36	1 21	15 4	16 32	13 40	14 9	19 58		n.a.
F 8	2 22	9 59	1 12	5 1	1 25	15 23	0 22	25 59	2 9	15 6	0 26	5 11	2 39	18 31	0 47	17 36	1 21	15 5	16 31	13 39	14 8	19 57		n.a.
S 9	2 45	13 27	0 4	5 17	1 38	15 8	0 27	25 58	2 8	15 10	0 26	5 9	2 39	18 31	0 47	17 37	1 21	15 5	16 31	13 39	14 7	19 57		n.a.
S 10	3 8	16 15	1s 3	5 31	1 51	14 53	0 32	25 57	2 7	15 14	0 26	5 8	2 39	18 31	0 47	17 37	1 21	15 6	16 31	13 39	14 6	19 57		n.a.
M11	3 31	18 17	2 6	5 42	2 3	14 37	0 36	25 56	2 6	15 18	0 26	5 6	2 39	18 31	0 47	17 38	1 21	15 6	16 31	13 39	14 5	19 57		n.a.
T 12	3 54	19 28	3 3	5 51	2 14	14 20	0 41	25 54	2 5	15 22	0 26	5 5	2 39	18 32	0 47	17 38	1 21	15 7	16 31	13 40	14 4	19 57		n.a.
W13	4 17	19 48	3 51	5 57	2 24	14 4	0 46	25 53	2 4	15 26	0 26	5 3	2 39	18 32	0 47	17 39	1 20	15 8	16 31	13 40	14 3	19 57		n.a.
T 14	4 40	19 15	4 30	6 0	2 33	13 46	0 50	25 51	2 3	15 30	0 26	5 1	2 39	18 32	0 47	17 39	1 20	15 8	16 31	13 41	14 2	19 57		n.a.
F 15	5 2	17 50	4 58	6 0	2 42	13 29	0 54	25 49	2 2	15 34	0 25	4 59	2 39	18 32	0 47	17 40	1 20	15 9	16 31	13 41	14 1	19 56		n.a.
S 16	5 25	15 37	5 13	5 58	2 49	13 10	0 58	25 47	2 1	15 38	0 25	4 58	2 39	18 32	0 47	17 40	1 20	15 9	16 30	13 40	14 0	19 56		n.a.
S 17	5 48	12 40	5 14	5 53	2 55	12 52	1 2	25 46	2 0	15 42	0 25	4 56	2 39	18 33	0 47	17 40	1 20	15 10	16 30	13 40	13 59	19 56		n.a.
M18	6 10	9 4	4 59	5 46	3 1	12 33	1 6	25 43	1 59	15 46	0 25	4 54	2 39	18 33	0 47	17 41	1 20	15 10	16 30	13 39	13 58	19 56		n.a.
T 19	6 33	4 56	4 30	5 36	3 5	12 13	1 10	25 41	1 58	15 50	0 25	4 53	2 39	18 33	0 47	17 41	1 20	15 10	16 30	13 38	13 57	19 56		n.a.
W20	6 55	0 28	3 45	5 24	3 9	11 54	1 14	25 39	1 57	15 54	0 25	4 51	2 39	18 33	0 47	17 42	1 20	15 11	16 30	13 37	13 55	19 56		n.a.
T 21	7 17	4s10	2 45	5 10	3 12	11 33	1 17	25 36	1 56	15 58	0 25	4 49	2 39	18 33	0 47	17 42	1 20	15 11	16 29	13 36	13 54	19 55		n.a.
F 22	7 39	8 41	1 35	4 53	3 14	11 13	1 20	25 34	1 55	16 2	0 24	4 48	2 39	18 33	0 47	17 43	1 20	15 12	16 29	13 36	13 53	19 55		n.a.
S 23	8 1	12 48	0 17	4 34	3 15	10 52	1 24	25 31	1 54	16 6	0 24	4 46	2 39	18 33	0 47	17 44	1 20	15 12	16 29	13 36	13 52	19 55		n.a.
S 24	8 23	16 11	1n 3	4 12	3 15	10 31	1 27	25 28	1 53	16 10	0 24	4 44	2 39	18 33	0 47	17 44	1 20	15 13	16 29	13 36	13 51	19 55		n.a.
M25	8 45	18 33	2 19	3 49	3 15	10 9	1 30	25 26	1 52	16 14	0 24	4 43	2 39	18 33	0 47	17 45	1 20	15 13	16 28	13 36	13 50	19 55		n.a.
T 26	9 7	19 41	3 26	3 23	3 13	9 47	1 33	25 23	1 51	16 18	0 24	4 41	2 39	18 33	0 47	17 45	1 20	15 13	16 28	13 36	13 49	19 54		n.a.
W27	9 28	19 31	4 20	2 56	3 11	9 24	1 36	25 19	1 50	16 22	0 24	4 40	2 39	18 33	0 47	17 46	1 20	15 14	16 28	13 37	13 48	19 54		n.a.
T 28	9 50	18 5	4 57	2 26	3 9	9 2	1 38	25 16	1 49	16 26	0 24	4 38	2 39	18 33	0 47	17 46	1 20	15 14	16 28	13 37	13 47	19 54		n.a.
F 29	10 11	15 34	5 15	1 55	3 5	8 39	1 41	25 13	1 48	16 30	0 24	4 36	2 39	18 33	0 47	17 47	1 20	15 14	16 27	13 37	13 46	19 54		n.a.
S 30	10n32	12s12	5n14	1s22	3s 1	8s16	1s43	25n 9	1n47	16n34	0s23	4s35	2n39	18n33	0n47	17n47	1s20	15n15	16n27	13s37	13s45	19n54		n.a.

Julian Day Number = 1273716.5, Delta T = 08h14m43s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'36, Lahiri = -20°52'35 Julian Calendar 1 Apr. 1226 BCE == Greg. Calendar 21 March 1226 BCE

The year -1225 astronomical counting style corresponds to year 1226 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1226 BCE
geocentric

MAY 1226 BCE (-1225) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 48 30	27♈50'19	26♒31	4♈44	14♓23	11♋30	16♉20	17°R31	10♌49	24♉ 0	29°R24	5°R36	5♏58	22♊ 7	n.a.	S 1
M 2	13 52 27	28°47'31	9♓54	6° 4	15°29	12° 2	16°34	17♎27	10°49	24° 2	29♍22	5♏36	5°55	22°14	n.a.	M 2
T 3	13 56 24	29°44'43	23° 3	7°26	16°35	12°33	16°47	17°23	10°49	24° 4	29°21	5°35	5°51	22°21	n.a.	T 3
W 4	14 0 20	0♉41'54	5♈57	8°51	17°41	13° 6	17° 0	17°19	10°50	24° 6	29°20	5°34	5°48	22°27	n.a.	W 4
T 5	14 4 17	1°39'05	18°38	10°19	18°48	13°38	17°13	17°14	10°50	24° 8	29°18	5°34	5°45	22°34	n.a.	T 5
F 6	14 8 13	2°36'15	1♉ 6	11°50	19°54	14°10	17°27	17°10	10°50	24°10	29°17	5°D34	5°42	22°41	n.a.	F 6
S 7	14 12 10	3°33'25	13°22	13°24	21° 1	14°43	17°40	17° 6	10°50	24°12	29°16	5°34	5°39	22°48	n.a.	S 7
S 8	14 16 6	4°30'34	25°28	15° 1	22° 8	15°15	17°53	17° 2	10°51	24°14	29°14	5°34	5°35	22°54	n.a.	S 8
M 9	14 20 3	5°27'42	7♊27	16°40	23°14	15°48	18° 7	16°58	10°51	24°16	29°13	5°R34	5°32	23° 1	n.a.	M 9
T 10	14 23 59	6°24'50	19°19	18°23	24°21	16°21	18°20	16°54	10°52	24°19	29°12	5°34	5°29	23° 8	n.a.	T 10
W11	14 27 56	7°21'58	1♋ 9	20° 8	25°28	16°54	18°34	16°50	10°52	24°21	29°11	5°34	5°26	23°14	n.a.	W11
T 12	14 31 53	8°19'04	13° 1	21°56	26°36	17°27	18°47	16°46	10°53	24°23	29° 9	5°33	5°23	23°21	n.a.	T 12
F 13	14 35 49	9°16'11	24°57	23°46	27°43	18° 0	19° 1	16°42	10°53	24°25	29° 8	5°33	5°20	23°28	n.a.	F 13
S 14	14 39 46	10°13'16	7♌ 3	25°39	28°51	18°33	19°14	16°38	10°54	24°27	29° 7	5°D33	5°16	23°34	n.a.	S 14
S 15	14 43 42	11°10'21	19°22	27°35	29°58	19° 7	19°28	16°34	10°55	24°29	29° 6	5°33	5°13	23°41	n.a.	S 15
M16	14 47 39	12° 7'26	2♍ 0	29°33	1♈ 6	19°40	19°41	16°31	10°56	24°32	29° 5	5°33	5°10	23°48	n.a.	M16
T 17	14 51 35	13° 4'30	14°59	1♉33	2°14	20°14	19°55	16°27	10°57	24°34	29° 4	5°34	5° 7	23°54	n.a.	T 17
W18	14 55 32	14° 1'33	28°23	3°35	3°22	20°48	20° 8	16°23	10°58	24°36	29° 3	5°35	5° 4	24° 1	n.a.	W18
T 19	14 59 28	14°58'37	12♎13	5°39	4°30	21°22	20°22	16°20	10°58	24°38	29° 2	5°35	5° 0	24° 8	n.a.	T 19
F 20	15 3 25	15°55'40	26°27	7°45	5°38	21°56	20°35	16°16	11° 0	24°40	29° 1	5°36	4°57	24°14	n.a.	F 20
S 21	15 7 22	16°52'43	11♏ 2	9°52	6°46	22°30	20°49	16°13	11° 1	24°43	29° 0	5°R36	4°54	24°21	n.a.	S 21
S 22	15 11 18	17°49'45	25°53	12° 1	7°54	23° 4	21° 2	16° 9	11° 2	24°45	28°59	5°35	4°51	24°28	n.a.	S 22
M23	15 15 15	18°46'48	10♐51	14°10	9° 3	23°38	21°16	16° 6	11° 3	24°47	28°58	5°34	4°48	24°35	n.a.	M23
T 24	15 19 11	19°43'51	25°50	16°20	10°11	24°13	21°29	16° 2	11° 4	24°49	28°57	5°33	4°45	24°41	n.a.	T 24
W25	15 23 8	20°40'55	10♑39	18°30	11°20	24°47	21°43	15°59	11° 5	24°51	28°56	5°31	4°41	24°48	n.a.	W25
T 26	15 27 4	21°37'58	25°14	20°40	12°29	25°22	21°56	15°56	11° 7	24°54	28°55	5°29	4°38	24°55	n.a.	T 26
F 27	15 31 1	22°35'02	9♒29	22°50	13°38	25°57	22°10	15°53	11° 8	24°56	28°54	5°28	4°35	25° 1	n.a.	F 27
S 28	15 34 58	23°32'07	23°22	25° 0	14°47	26°32	22°24	15°50	11° 9	24°58	28°53	5°D28	4°32	25° 8	n.a.	S 28
S 29	15 38 54	24°29'12	6♓53	27° 9	15°56	27° 7	22°37	15°47	11°11	25° 0	28°53	5°28	4°29	25°15	n.a.	S 29
M30	15 42 51	25°26'17	20° 4	29°17	17° 5	27°42	22°51	15°44	11°12	25° 3	28°52	5°29	4°26	25°21	n.a.	M30
T 31	15 46 47	26♉23'23	2♈56	1♊24	18♈14	28♋17	23♉ 4	15♎41	11♌14	25♉ 5	28♍51	5♏31	4♏22	25♊28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n53	8s15	4n56	0s47	2s56	7s52	1s46	25n 5	1n46	16n38	0s23	4s33	2n39	18n33	0n47	17n48	1s20	15n15	16n27	13s37	13s44	19n53		n.a.
M 2	11 13	3 57	4 22	0 10	2 51	7 28	1 48	25 1	1 45	16 42	0 23	4 32	2 39	18 33	0 47	17 48	1 20	15 15	16 26	13 36	13 43	19 53		n.a.
T 3	11 34	0n28	3 35	0n28	2 45	7 4	1 50	24 58	1 44	16 46	0 23	4 30	2 38	18 33	0 47	17 49	1 20	15 15	16 26	13 36	13 42	19 53		n.a.
W 4	11 54	4 48	2 37	1 9	2 39	6 39	1 52	24 53	1 43	16 50	0 23	4 28	2 38	18 33	0 46	17 49	1 20	15 16	16 26	13 36	13 41	19 53		n.a.
T 5	12 15	8 50	1 33	1 50	2 32	6 15	1 54	24 49	1 42	16 54	0 23	4 27	2 38	18 33	0 46	17 50	1 20	15 16	16 25	13 36	13 39	19 52		n.a.
F 6	12 35	12 26	0 25	2 33	2 24	5 50	1 56	24 45	1 41	16 57	0 23	4 25	2 38	18 33	0 46	17 50	1 20	15 16	16 25	13 36	13 38	19 52		n.a.
S 7	12 55	15 26	0s43	3 18	2 16	5 25	1 57	24 40	1 40	17 1	0 23	4 24	2 38	18 33	0 46	17 51	1 20	15 16	16 25	13 36	13 37	19 52		n.a.
S 8	13 14	17 42	1 48	4 4	2 7	4 59	1 59	24 36	1 39	17 5	0 22	4 22	2 38	18 33	0 46	17 52	1 20	15 17	16 24	13 36	13 36	19 52		n.a.
M 9	13 34	19 9	2 48	4 51	1 58	4 34	2 0	24 31	1 38	17 9	0 22	4 21	2 38	18 32	0 46	17 52	1 20	15 17	16 24	13 36	13 35	19 52		n.a.
T 10	13 53	19 45	3 40	5 39	1 49	4 8	2 2	24 26	1 37	17 13	0 22	4 19	2 38	18 32	0 46	17 53	1 20	15 17	16 23	13 36	13 34	19 51		n.a.
W11	14 12	19 28	4 22	6 29	1 39	3 42	2 3	24 21	1 37	17 17	0 22	4 18	2 38	18 32	0 46	17 53	1 20	15 17	16 23	13 36	13 33	19 51		n.a.
T 12	14 31	18 20	4 53	7 19	1 28	3 16	2 4	24 16	1 36	17 21	0 22	4 17	2 37	18 32	0 46	17 54	1 20	15 17	16 23	13 36	13 32	19 51		n.a.
F 13	14 49	16 23	5 12	8 10	1 18	2 50	2 5	24 10	1 35	17 25	0 22	4 15	2 37	18 32	0 46	17 54	1 20	15 17	16 22	13 35	13 31	19 51		n.a.
S 14	15 8	13 42	5 17	9 2	1 7	2 23	2 6	24 5	1 34	17 29	0 22	4 14	2 37	18 31	0 46	17 55	1 20	15 17	16 22	13 35	13 30	19 50		n.a.
S 15	15 26	10 23	5 8	9 55	0 56	1 57	2 7	23 59	1 33	17 32	0 22	4 13	2 37	18 31	0 46	17 55	1 20	15 17	16 21	13 35	13 29	19 50		n.a.
M16	15 44	6 31	4 44	10 48	0 45	1 30	2 7	23 53	1 32	17 36	0 22	4 11	2 37	18 31	0 46	17 56	1 19	15 17	16 21	13 36	13 28	19 50		n.a.
T 17	16 1	2 15	4 5	11 41	0 34	1 3	2 8	23 47	1 31	17 40	0 21	4 10	2 37	18 31	0 46	17 57	1 19	15 18	16 21	13 36	13 27	19 49		n.a.
W18	16 19	2s17	3 12	12 34	0 23	0 36	2 8	23 41	1 30	17 44	0 21	4 9	2 37	18 30	0 46	17 57	1 19	15 18	16 20	13 36	13 25	19 49		n.a.
T 19	16 36	6 50	2 6	13 27	0 12	0 9	2 9	23 35	1 29	17 48	0 21	4 7	2 36	18 30	0 46	17 58	1 19	15 18	16 20	13 36	13 24	19 49		n.a.
F 20	16 53	11 9	0 51	14 19	0 1	0n18	2 9	23 28	1 28	17 51	0 21	4 6	2 36	18 30	0 46	17 58	1 19	15 18	16 19	13 36	13 23	19 49		n.a.
S 21	17 9	14 55	0n30	15 11	0n10	0 45	2 9	23 22	1 28	17 55	0 21	4 5	2 36	18 29	0 46	17 59	1 19	15 18	16 19	13 36	13 22	19 48		n.a.
S 22	17 26	17 46	1 50	16 1	0 21	1 13	2 9	23 15	1 27	17 59	0 21	4 4	2 36	18 29	0 46	17 59	1 19	15 17	16 18	13 36	13 21	19 48		n.a.
M23	17 42	19 25	3 3	16 51	0 31	1 40	2 9	23 8	1 26	18 3	0 21	4 3	2 36	18 29	0 46	18 0	1 19	15 17	16 18	13 36	13 20	19 48		n.a.
T 24	17 58	19 43	4 3	17 39	0 41	2 7	2 9	23 1	1 25	18 6	0 21	4 2	2 35	18 28	0 46	18 0	1 19	15 17	16 17	13 35	13 19	19 47		n.a.
W25	18 13	18 38	4 47	18 25	0 50	2 35	2 9	22 54	1 24	18 10	0 21	4 0	2 35	18 28	0 46	18 1	1 19	15 17	16 17	13 35	13 18	19 47		n.a.
T 26	18 28	16 21	5 11	19 10	0 59	3 2	2 9	22 47	1 23	18 14	0 20	3 59	2 35	18 27	0 46	18 2	1 19	15 17	16 16	13 34	13 17	19 47		n.a.
F 27	18 43	13 7	5 15	19 52	1 7	3 30	2 8	22 39	1 22	18 17	0 20	3 58	2 35	18 27	0 46	18 2	1 19	15 17	16 16	13 34	13 16	19 46		n.a.
S 28	18 58	9 13	5 1	20 33	1 15	3 57	2 8	22 32	1 22	18 21	0 20	3 57	2 35	18 27	0 46	18 3	1 19	15 17	16 15	13 34	13 15	19 46		n.a.
S 29	19 12	4 57	4 30	21 11	1 22	4 25	2 7	22 24	1 21	18 24	0 20	3 56	2 34	18 26	0 45	18 3	1 19	15 17	16 15	13 34	13 14	19 46		n.a.
M30	19 26	0 33	3 45	21 46	1 29	4 52	2 7	22 16	1 20	18 28	0 20	3 55	2 34	18 26	0 45	18 4	1 19	15 17	16 14	13 34	13 12	19 46		n.a.
T 31	19n40	3n47	2n50	22n19	1n34	5n20	2s 6	22n 8	1n19	18n32	0s20	3s55	2n34	18n25	0n45	18n 4	1s19	15n16	16n14	13s35	13s11	19n45		n.a.

Julian Day Number = 1273746.5, Delta T = 08h14m41s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'32, Lahiri = -20°52'31 Julian Calendar 1 May 1226 BCE == Greg. Calendar 20 Apr. 1226 BCE

The year -1225 astronomical counting style corresponds to year 1226 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1226 BCE
geocentric

JUNE 1226 BCE (-1225) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 50 44	27♉20'30	15♈32	3♊29	19♈23	28♋52	23♉18	15°R38	11♌16	25♉ 7	28°R51	5♏32	4♏19	25♊35	n.a.	W 1
T 2	15 54 40	28°17'37	27°56	5°33	20°33	29°28	23°31	15♎36	11°17	25° 9	28♍50	5°33	4°16	25°41	n.a.	T 2
F 3	15 58 37	29°14'44	10♉ 8	7°36	21°42	0♌ 3	23°45	15°33	11°19	25°12	28°49	5°R33	4°13	25°48	n.a.	F 3
S 4	16 2 33	0♊11'52	22°12	9°37	22°52	0°39	23°58	15°31	11°21	25°14	28°49	5°32	4°10	25°55	n.a.	S 4
S 5	16 6 30	1° 9'01	4♊10	11°37	24° 2	1°14	24°12	15°28	11°23	25°16	28°48	5°30	4° 6	26° 2	n.a.	S 5
M 6	16 10 27	2° 6'10	16° 3	13°35	25°11	1°50	24°25	15°26	11°24	25°18	28°48	5°27	4° 3	26° 8	n.a.	M 6
T 7	16 14 23	3° 3'20	27°53	15°31	26°21	2°26	24°39	15°24	11°26	25°20	28°47	5°22	4° 0	26°15	n.a.	T 7
W 8	16 18 20	4° 0'29	9♋43	17°25	27°31	3° 2	24°52	15°21	11°28	25°23	28°47	5°17	3°57	26°22	n.a.	W 8
T 9	16 22 16	4°57'40	21°35	19°17	28°41	3°38	25° 6	15°19	11°30	25°25	28°46	5°12	3°54	26°28	n.a.	T 9
F 10	16 26 13	5°54'51	3♌33	21° 8	29°51	4°14	25°19	15°17	11°32	25°27	28°46	5° 8	3°51	26°35	n.a.	F 10
S 11	16 30 9	6°52'02	15°38	22°57	1♉ 1	4°50	25°32	15°15	11°34	25°29	28°46	5° 5	3°47	26°42	n.a.	S 11
S 12	16 34 6	7°49'13	27°56	24°44	2°12	5°27	25°46	15°14	11°37	25°31	28°45	5° 3	3°44	26°48	n.a.	S 12
M13	16 38 2	8°46'25	10♍30	26°29	3°22	6° 3	25°59	15°12	11°39	25°34	28°45	5°D 3	3°41	26°55	n.a.	M13
T 14	16 41 59	9°43'38	23°24	28°13	4°32	6°40	26°13	15°10	11°41	25°36	28°45	5° 3	3°38	27° 2	n.a.	T 14
W15	16 45 56	10°40'51	6♎42	29°54	5°43	7°16	26°26	15° 8	11°43	25°38	28°45	5° 5	3°35	27° 9	n.a.	W15
T 16	16 49 52	11°38'04	20°27	1♋34	6°53	7°53	26°39	15° 7	11°45	25°40	28°44	5° 6	3°32	27°15	n.a.	T 16
F 17	16 53 49	12°35'18	4♏39	3°12	8° 4	8°30	26°52	15° 6	11°48	25°42	28°44	5°R 7	3°28	27°22	n.a.	F 17
S 18	16 57 45	13°32'33	19°17	4°48	9°14	9° 7	27° 6	15° 4	11°50	25°45	28°44	5° 6	3°25	27°29	n.a.	S 18
S 19	17 1 42	14°29'49	4♐16	6°23	10°25	9°44	27°19	15° 3	11°53	25°47	28°44	5° 4	3°22	27°35	n.a.	S 19
M20	17 5 38	15°27'05	19°28	7°55	11°36	10°21	27°32	15° 2	11°55	25°49	28°44	4°59	3°19	27°42	n.a.	M20
T 21	17 9 35	16°24'23	4♑43	9°26	12°47	10°58	27°45	15° 1	11°58	25°51	28°D44	4°54	3°16	27°49	n.a.	T 21
W22	17 13 32	17°21'41	19°51	10°55	13°58	11°35	27°58	15° 0	12° 0	25°53	28°44	4°48	3°12	27°55	n.a.	W22
T 23	17 17 28	18°19'01	4♒43	12°22	15° 9	12°12	28°12	14°59	12° 3	25°55	28°44	4°42	3° 9	28° 2	n.a.	T 23
F 24	17 21 25	19°16'22	19°10	13°48	16°20	12°50	28°25	14°58	12° 5	25°57	28°44	4°37	3° 6	28° 9	n.a.	F 24
S 25	17 25 21	20°13'44	3♓11	15°11	17°31	13°27	28°38	14°58	12° 8	25°59	28°44	4°34	3° 3	28°16	n.a.	S 25
S 26	17 29 18	21°11'08	16°44	16°33	18°42	14° 5	28°51	14°57	12°11	26° 1	28°44	4°D33	3° 0	28°22	n.a.	S 26
M27	17 33 14	22° 8'33	29°52	17°52	19°54	14°42	29° 4	14°57	12°13	26° 3	28°45	4°33	2°57	28°29	n.a.	M27
T 28	17 37 11	23° 5'59	12♈36	19°10	21° 5	15°20	29°17	14°56	12°16	26° 5	28°45	4°34	2°53	28°36	n.a.	T 28
W29	17 41 7	24° 3'27	25° 3	20°25	22°17	15°58	29°29	14°56	12°19	26° 7	28°45	4°35	2°50	28°42	n.a.	W29
T 30	17 45 4	25♊ 0'57	7♉15	21♋39	23♉28	16♌36	29♉42	14♎56	12♌22	26♉ 9	28♍45	4°R35	2♏47	28♊49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n54	7n52	1n48	22n49	1n39	5n47	2s 5	22n 0	1n18	18n35	0s20	3s54	2n34	18n25	0n45	18n 5	1s19	15n16	16n13	13s35	13s10	19n45		n.a.
T 2	20 7	11 34	0 42	23 17	1 44	6 14	2 4	21 52	1 17	18 39	0 20	3 53	2 34	18 24	0 45	18 5	1 19	15 16	16 13	13 35	13 9	19 45		n.a.
F 3	20 19	14 42	0s25	23 42	1 47	6 42	2 3	21 43	1 16	18 42	0 20	3 52	2 33	18 24	0 45	18 6	1 19	15 16	16 12	13 36	13 8	19 44		n.a.
S 4	20 32	17 10	1 30	24 5	1 50	7 9	2 2	21 35	1 16	18 46	0 20	3 51	2 33	18 23	0 45	18 7	1 19	15 15	16 12	13 35	13 7	19 44		n.a.
S 5	20 44	18 52	2 31	24 25	1 53	7 36	2 1	21 26	1 15	18 49	0 19	3 51	2 33	18 23	0 45	18 7	1 19	15 15	16 11	13 34	13 6	19 43		n.a.
M 6	20 56	19 42	3 24	24 42	1 54	8 3	2 0	21 17	1 14	18 53	0 19	3 50	2 33	18 22	0 45	18 8	1 19	15 15	16 11	13 33	13 5	19 43		n.a.
T 7	21 7	19 41	4 9	24 56	1 55	8 30	1 59	21 8	1 13	18 56	0 19	3 49	2 33	18 22	0 45	18 8	1 19	15 15	16 10	13 32	13 4	19 43		n.a.
W 8	21 18	18 47	4 42	25 9	1 55	8 57	1 57	20 58	1 12	18 59	0 19	3 49	2 32	18 21	0 45	18 9	1 19	15 14	16 10	13 30	13 3	19 42		n.a.
T 9	21 29	17 4	5 4	25 19	1 55	9 23	1 56	20 49	1 11	19 3	0 19	3 48	2 32	18 20	0 45	18 9	1 19	15 14	16 9	13 28	13 2	19 42		n.a.
F 10	21 39	14 37	5 12	25 26	1 54	9 50	1 54	20 40	1 10	19 6	0 19	3 47	2 32	18 20	0 45	18 10	1 19	15 14	16 8	13 27	13 0	19 42		n.a.
S 11	21 49	11 32	5 7	25 31	1 53	10 16	1 53	20 30	1 10	19 10	0 19	3 47	2 32	18 19	0 45	18 10	1 19	15 13	16 8	13 26	12 59	19 41		n.a.
S 12	21 59	7 53	4 48	25 34	1 51	10 42	1 51	20 20	1 9	19 13	0 19	3 46	2 31	18 18	0 45	18 11	1 19	15 13	16 7	13 25	12 58	19 41		n.a.
M13	22 8	3 50	4 15	25 35	1 48	11 8	1 49	20 10	1 8	19 16	0 19	3 46	2 31	18 18	0 45	18 11	1 19	15 12	16 7	13 25	12 57	19 41		n.a.
T 14	22 17	0s31	3 28	25 34	1 45	11 34	1 48	20 0	1 7	19 19	0 19	3 45	2 31	18 17	0 45	18 12	1 19	15 12	16 6	13 25	12 56	19 40		n.a.
W15	22 25	4 58	2 29	25 32	1 41	11 59	1 46	19 50	1 6	19 23	0 19	3 45	2 31	18 17	0 45	18 12	1 19	15 12	16 6	13 26	12 55	19 40		n.a.
T 16	22 33	9 20	1 19	25 27	1 37	12 24	1 44	19 39	1 6	19 26	0 18	3 45	2 30	18 16	0 45	18 13	1 19	15 11	16 5	13 26	12 54	19 39		n.a.
F 17	22 41	13 20	0 2	25 20	1 32	12 49	1 42	19 29	1 5	19 29	0 18	3 44	2 30	18 15	0 45	18 13	1 19	15 11	16 5	13 27	12 53	19 39		n.a.
S 18	22 48	16 37	1n16	25 12	1 27	13 14	1 40	19 18	1 4	19 32	0 18	3 44	2 30	18 14	0 45	18 14	1 19	15 10	16 4	13 26	12 52	19 39		n.a.
S 19	22 55	18 52	2 32	25 3	1 22	13 39	1 38	19 7	1 3	19 36	0 18	3 44	2 30	18 14	0 45	18 14	1 19	15 10	16 3	13 25	12 51	19 38		n.a.
M20	23 2	19 48	3 37	24 51	1 16	14 3	1 36	18 56	1 2	19 39	0 18	3 44	2 29	18 13	0 45	18 15	1 19	15 9	16 3	13 24	12 49	19 38		n.a.
T 21	23 8	19 18	4 28	24 39	1 9	14 27	1 33	18 45	1 1	19 42	0 18	3 43	2 29	18 12	0 45	18 15	1 19	15 9	16 2	13 22	12 48	19 37		n.a.
W22	23 14	17 25	4 59	24 25	1 3	14 51	1 31	18 34	1 1	19 45	0 18	3 43	2 29	18 11	0 45	18 16	1 19	15 8	16 2	13 20	12 47	19 37		n.a.
T 23	23 19	14 24	5 9	24 10	0 55	15 14	1 29	18 23	1 0	19 48	0 18	3 43	2 29	18 11	0 45	18 16	1 19	15 8	16 1	13 18	12 46	19 37		n.a.
F 24	23 24	10 35	4 59	23 54	0 48	15 37	1 27	18 11	0 59	19 51	0 18	3 43	2 28	18 10	0 45	18 17	1 19	15 7	16 0	13 16	12 45	19 36		n.a.
S 25	23 28	6 17	4 32	23 37	0 40	16 0	1 24	17 59	0 58	19 54	0 18	3 43	2 28	18 9	0 45	18 17	1 19	15 7	16 0	13 15	12 44	19 36		n.a.
S 26	23 32	1 48	3 50	23 19	0 32	16 22	1 22	17 48	0 57	19 57	0 18	3 43	2 28	18 8	0 45	18 18	1 19	15 6	15 59	13 15	12 43	19 35		n.a.
M27	23 36	2n38	2 56	23 0	0 23	16 44	1 19	17 36	0 57	20 0	0 17	3 43	2 27	18 8	0 45	18 18	1 19	15 5	15 59	13 15	12 42	19 35		n.a.
T 28	23 39	6 50	1 56	22 41	0 14	17 6	1 17	17 24	0 56	20 3	0 17	3 43	2 27	18 7	0 45	18 19	1 19	15 5	15 58	13 15	12 41	19 35		n.a.
W29	23 42	10 39	0 51	22 20	0 5	17 27	1 14	17 11	0 55	20 6	0 17	3 43	2 27	18 6	0 44	18 19	1 19	15 4	15 58	13 16	12 40	19 34		n.a.
T 30	23n45	13n56	0s14	22n 0	0s 4	17n47	1s12	16n59	0n54	20n 9	0s17	3s44	2n27	18n 5	0n44	18n20	1s19	15n 3	15n57	13s16	12s38	19n34		n.a.

Julian Day Number = 1273777.5, Delta T = 08h14m39s
Ecliptic obliquity = 23°50'17, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'28, Lahiri = -20°52'27 Julian Calendar 1 June 1226 BCE == Greg. Calendar 21 May 1226 BCE

The year -1225 astronomical counting style corresponds to year 1226 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1226 BCE
geocentric

JULY 1226 BCE (-1225) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 49 1	25♊58'28	19♉17	22♋50	24♉40	17♌14	29♉55	14°R56	12♌25	26♉11	28♍46	4°R34	2♏44	28♊56	n.a.	F 1
S 2	17 52 57	26°56'00	1♊13	23°59	25°51	17°52	0♊ 8	14°D56	12°28	26°13	28°46	4♏31	2°41	29° 2	n.a.	S 2
S 3	17 56 54	27°53'34	13° 4	25° 6	27° 3	18°30	0°21	14♎56	12°31	26°15	28°46	4°25	2°37	29° 9	n.a.	S 3
M 4	18 0 50	28°51'10	24°54	26°10	28°15	19° 8	0°33	14°56	12°34	26°17	28°47	4°17	2°34	29°16	n.a.	M 4
T 5	18 4 47	29°48'46	6♋45	27°11	29°27	19°46	0°46	14°56	12°37	26°19	28°47	4° 7	2°31	29°23	n.a.	T 5
W 6	18 8 43	0♋46'24	18°37	28°10	0♊39	20°25	0°58	14°57	12°40	26°21	28°48	3°57	2°28	29°29	n.a.	W 6
T 7	18 12 40	1°44'04	0♌34	29° 6	1°51	21° 3	1°11	14°57	12°43	26°23	28°48	3°46	2°25	29°36	n.a.	T 7
F 8	18 16 36	2°41'45	12°35	29°59	3° 3	21°42	1°23	14°58	12°46	26°25	28°49	3°36	2°22	29°43	n.a.	F 8
S 9	18 20 33	3°39'27	24°45	0♌49	4°15	22°21	1°36	14°58	12°49	26°27	28°50	3°28	2°18	29°49	n.a.	S 9
S 10	18 24 30	4°37'10	7♍ 4	1°36	5°27	22°59	1°48	14°59	12°52	26°29	28°50	3°22	2°15	29°56	n.a.	S 10
M11	18 28 26	5°34'54	19°38	2°19	6°39	23°38	2° 1	15° 0	12°55	26°31	28°51	3°19	2°12	0♋ 3	n.a.	M11
T 12	18 32 23	6°32'40	2♎29	2°59	7°52	24°17	2°13	15° 1	12°58	26°32	28°52	3°D18	2° 9	0° 9	n.a.	T 12
W13	18 36 19	7°30'27	15°40	3°35	9° 4	24°56	2°25	15° 2	13° 2	26°34	28°52	3°18	2° 6	0°16	n.a.	W13
T 14	18 40 16	8°28'16	29°16	4° 6	10°16	25°35	2°37	15° 3	13° 5	26°36	28°53	3°R18	2° 3	0°23	n.a.	T 14
F 15	18 44 12	9°26'06	13♏18	4°34	11°29	26°14	2°49	15° 4	13° 8	26°38	28°54	3°18	1°59	0°30	n.a.	F 15
S 16	18 48 9	10°23'57	27°47	4°56	12°41	26°53	3° 1	15° 6	13°12	26°39	28°55	3°16	1°56	0°36	n.a.	S 16
S 17	18 52 5	11°21'50	12♐39	5°14	13°54	27°33	3°13	15° 7	13°15	26°41	28°56	3°11	1°53	0°43	n.a.	S 17
M18	18 56 2	12°19'44	27°49	5°27	15° 7	28°12	3°25	15° 9	13°18	26°43	28°56	3° 4	1°50	0°50	n.a.	M18
T 19	18 59 59	13°17'40	13♑ 6	5°35	16°19	28°51	3°37	15°10	13°22	26°45	28°57	2°55	1°47	0°56	n.a.	T 19
W20	19 3 55	14°15'38	28°21	5°R36	17°32	29°31	3°49	15°12	13°25	26°46	28°58	2°45	1°43	1° 3	n.a.	W20
T 21	19 7 52	15°13'37	13♒21	5°32	18°45	0♍10	4° 0	15°14	13°29	26°48	28°59	2°35	1°40	1°10	n.a.	T 21
F 22	19 11 48	16°11'39	27°59	5°22	19°58	0°50	4°12	15°16	13°32	26°49	29° 0	2°27	1°37	1°16	n.a.	F 22
S 23	19 15 45	17° 9'42	12♓ 9	5° 6	21°11	1°30	4°24	15°18	13°36	26°51	29° 1	2°20	1°34	1°23	n.a.	S 23
S 24	19 19 41	18° 7'47	25°48	4°44	22°24	2°10	4°35	15°20	13°39	26°53	29° 3	2°16	1°31	1°30	n.a.	S 24
M25	19 23 38	19° 5'55	8♈59	4°16	23°37	2°50	4°46	15°22	13°43	26°54	29° 4	2°14	1°28	1°37	n.a.	M25
T 26	19 27 34	20° 4'04	21°44	3°42	24°50	3°29	4°58	15°24	13°46	26°56	29° 5	2°D14	1°24	1°43	n.a.	T 26
W27	19 31 31	21° 2'16	4♉ 8	3° 1	26° 4	4°10	5° 9	15°26	13°50	26°57	29° 6	2°R14	1°21	1°50	n.a.	W27
T 28	19 35 28	22° 0'30	16°16	2°16	27°17	4°50	5°20	15°29	13°53	26°59	29° 7	2°14	1°18	1°57	n.a.	T 28
F 29	19 39 24	22°58'46	28°14	1°26	28°30	5°30	5°31	15°31	13°57	27° 0	29° 8	2°11	1°15	2° 3	n.a.	F 29
S 30	19 43 21	23°57'05	10♊ 6	0°32	29°44	6°10	5°42	15°34	14° 1	27° 1	29°10	2° 6	1°12	2°10	n.a.	S 30
S 31	19 47 17	24♋55'25	21♊55	29♋34	0♋57	6♍50	5♊53	15♎37	14♌ 4	27♉ 3	29♍11	1♏58	1♏ 9	2♋17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n47	16n35	1s18	21n38	0s14	18n 8	1s 9	16n47	0n53	20n12	0s17	3s44	2n26	18n 4	0n44	18n20	1s19	15n 3	15n56	13s15	12s37	19n33		n.a.
S 2	23 48	18 29	2 18	21 17	0 24	18 28	1 7	16 34	0 53	20 14	0 17	3 44	2 26	18 3	0 44	18 21	1 19	15 2	15 56	13 14	12 36	19 33		n.a.
S 3	23 49	19 35	3 11	20 55	0 34	18 47	1 4	16 21	0 52	20 17	0 17	3 44	2 26	18 2	0 44	18 21	1 19	15 1	15 55	13 12	12 35	19 32		n.a.
M 4	23 50	19 48	3 56	20 32	0 45	19 6	1 1	16 8	0 51	20 20	0 17	3 45	2 26	18 2	0 44	18 22	1 19	15 1	15 55	13 10	12 34	19 32		n.a.
T 5	23 50	19 9	4 31	20 10	0 55	19 25	0 59	15 55	0 50	20 23	0 17	3 45	2 25	18 1	0 44	18 22	1 19	15 0	15 54	13 6	12 33	19 31		n.a.
W 6	23 50	17 40	4 54	19 48	1 6	19 43	0 56	15 42	0 49	20 25	0 17	3 45	2 25	18 0	0 44	18 22	1 19	14 59	15 53	13 3	12 32	19 31		n.a.
T 7	23 50	15 25	5 4	19 25	1 17	20 0	0 53	15 29	0 49	20 28	0 17	3 46	2 25	17 59	0 44	18 23	1 19	14 58	15 53	12 59	12 31	19 31		n.a.
F 8	23 49	12 30	5 1	19 3	1 28	20 17	0 51	15 16	0 48	20 31	0 16	3 46	2 25	17 58	0 44	18 23	1 19	14 58	15 52	12 55	12 30	19 30		n.a.
S 9	23 47	9 2	4 44	18 41	1 39	20 34	0 48	15 2	0 47	20 33	0 16	3 47	2 24	17 57	0 44	18 24	1 19	14 57	15 52	12 53	12 28	19 30		n.a.
S 10	23 45	5 8	4 14	18 20	1 51	20 50	0 45	14 48	0 46	20 36	0 16	3 47	2 24	17 56	0 44	18 24	1 19	14 56	15 51	12 51	12 27	19 29		n.a.
M11	23 43	0 57	3 31	17 59	2 2	21 5	0 42	14 35	0 45	20 39	0 16	3 48	2 24	17 55	0 44	18 25	1 19	14 55	15 51	12 49	12 26	19 29		n.a.
T 12	23 40	3s23	2 37	17 39	2 14	21 20	0 39	14 21	0 45	20 41	0 16	3 49	2 23	17 54	0 44	18 25	1 20	14 55	15 50	12 49	12 25	19 28		n.a.
W13	23 37	7 41	1 33	17 20	2 25	21 35	0 37	14 7	0 44	20 44	0 16	3 49	2 23	17 53	0 44	18 25	1 20	14 54	15 49	12 49	12 24	19 28		n.a.
T 14	23 34	11 44	0 22	17 1	2 36	21 48	0 34	13 53	0 43	20 46	0 16	3 50	2 23	17 52	0 44	18 26	1 20	14 53	15 49	12 49	12 23	19 27		n.a.
F 15	23 30	15 15	0n53	16 44	2 47	22 1	0 31	13 38	0 42	20 49	0 16	3 51	2 23	17 51	0 44	18 26	1 20	14 52	15 48	12 49	12 22	19 27		n.a.
S 16	23 25	17 57	2 6	16 28	2 58	22 14	0 28	13 24	0 41	20 51	0 16	3 51	2 22	17 50	0 44	18 27	1 20	14 51	15 48	12 48	12 21	19 26		n.a.
S 17	23 21	19 30	3 13	16 13	3 9	22 26	0 25	13 10	0 41	20 54	0 16	3 52	2 22	17 49	0 44	18 27	1 20	14 50	15 47	12 47	12 20	19 26		n.a.
M18	23 15	19 42	4 7	16 0	3 20	22 37	0 22	12 55	0 40	20 56	0 16	3 53	2 22	17 48	0 44	18 27	1 20	14 49	15 47	12 44	12 18	19 25		n.a.
T 19	23 10	18 28	4 44	15 48	3 30	22 48	0 20	12 40	0 39	20 58	0 16	3 54	2 22	17 47	0 44	18 28	1 20	14 49	15 46	12 41	12 17	19 25		n.a.
W20	23 4	15 55	5 1	15 39	3 39	22 58	0 17	12 26	0 38	21 1	0 15	3 55	2 21	17 46	0 44	18 28	1 20	14 48	15 45	12 38	12 16	19 24		n.a.
T 21	22 57	12 21	4 57	15 31	3 48	23 7	0 14	12 11	0 38	21 3	0 15	3 56	2 21	17 45	0 44	18 28	1 20	14 47	15 45	12 34	12 15	19 24		n.a.
F 22	22 50	8 6	4 33	15 26	3 56	23 16	0 11	11 56	0 37	21 5	0 15	3 57	2 21	17 44	0 44	18 29	1 20	14 46	15 44	12 31	12 14	19 23		n.a.
S 23	22 43	3 32	3 53	15 22	4 3	23 24	0 8	11 41	0 36	21 8	0 15	3 58	2 21	17 43	0 44	18 29	1 20	14 45	15 44	12 29	12 13	19 23		n.a.
S 24	22 35	1n 3	3 0	15 22	4 9	23 31	0 5	11 26	0 35	21 10	0 15	3 59	2 20	17 42	0 44	18 29	1 20	14 44	15 43	12 28	12 12	19 22		n.a.
M25	22 27	5 27	2 0	15 24	4 14	23 38	0 3	11 10	0 34	21 12	0 15	4 0	2 20	17 41	0 44	18 30	1 20	14 43	15 43	12 27	12 11	19 22		n.a.
T 26	22 19	9 28	0 55	15 28	4 18	23 44	0n 0	10 55	0 34	21 14	0 15	4 1	2 20	17 40	0 44	18 30	1 20	14 42	15 42	12 27	12 9	19 21		n.a.
W27	22 10	12 57	0s10	15 35	4 20	23 50	0 3	10 39	0 33	21 16	0 15	4 2	2 19	17 39	0 44	18 30	1 20	14 41	15 42	12 27	12 8	19 21		n.a.
T 28	22 0	15 48	1 14	15 45	4 21	23 54	0 6	10 24	0 32	21 18	0 15	4 3	2 19	17 38	0 44	18 31	1 20	14 40	15 41	12 27	12 7	19 20		n.a.
F 29	21 51	17 56	2 13	15 57	4 19	23 58	0 8	10 8	0 31	21 20	0 15	4 5	2 19	17 37	0 44	18 31	1 20	14 39	15 41	12 26	12 6	19 20		n.a.
S 30	21 41	19 16	3 6	16 12	4 16	24 1	0 11	9 52	0 31	21 22	0 15	4 6	2 19	17 36	0 44	18 31	1 20	14 38	15 40	12 24	12 5	19 19		n.a.
S 31	21n30	19n45	3s51	16n29	4s11	24n 4	0n14	9n36	0n30	21n25	0s15	4s 7	2n18	17n35	0n44	18n32	1s20	14n37	15n39	12s21	12s 4	19n19		n.a.

Julian Day Number = 1273807.5, Delta T = 08h14m38s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'24, Lahiri = -20°52'23 Julian Calendar 1 July 1226 BCE == Greg. Calendar 20 June 1226 BCE

The year -1225 astronomical counting style corresponds to year 1226 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1226 BCE
geocentric

AUGUST 1226 BCE (-1225) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 51 14	25♋53'48	3♋45	28°R35	2♋10	7♍31	6♊ 4	15♎40	14♌ 8	27♉ 4	29♍12	1°R48	1♏ 5	2♋24	n.a.	M 1
T 2	19 55 10	26°52'13	15°39	27♋35	3°24	8°11	6°15	15°42	14°12	27° 5	29°14	1♏35	1° 2	2°30	n.a.	T 2
W 3	19 59 7	27°50'40	27°37	26°36	4°38	8°52	6°26	15°45	14°15	27° 7	29°15	1°21	0°59	2°37	n.a.	W 3
T 4	20 3 3	28°49'08	9♌41	25°38	5°51	9°33	6°36	15°48	14°19	27° 8	29°17	1° 7	0°56	2°44	n.a.	T 4
F 5	20 7 0	29°47'39	21°52	24°43	7° 5	10°13	6°47	15°52	14°23	27° 9	29°18	0°54	0°53	2°50	n.a.	F 5
S 6	20 10 57	0♌46'12	4♍12	23°54	8°19	10°54	6°57	15°55	14°26	27°10	29°20	0°43	0°49	2°57	n.a.	S 6
S 7	20 14 53	1°44'46	16°41	23°10	9°33	11°35	7° 7	15°58	14°30	27°12	29°21	0°34	0°46	3° 4	n.a.	S 7
M 8	20 18 50	2°43'22	29°21	22°33	10°46	12°16	7°17	16° 2	14°34	27°13	29°23	0°29	0°43	3°10	n.a.	M 8
T 9	20 22 46	3°42'01	12♎15	22° 4	12° 0	12°57	7°27	16° 5	14°38	27°14	29°24	0°26	0°40	3°17	n.a.	T 9
W10	20 26 43	4°40'41	25°26	21°43	13°14	13°38	7°37	16° 9	14°41	27°15	29°26	0°26	0°37	3°24	n.a.	W10
T 11	20 30 39	5°39'23	8♏56	21°32	14°28	14°19	7°47	16°12	14°45	27°16	29°27	0°26	0°34	3°31	n.a.	T 11
F 12	20 34 36	6°38'06	22°48	21°D30	15°42	15° 1	7°57	16°16	14°49	27°17	29°29	0°25	0°30	3°37	n.a.	F 12
S 13	20 38 32	7°36'52	7♐ 2	21°38	16°56	15°42	8° 7	16°20	14°53	27°18	29°31	0°23	0°27	3°44	n.a.	S 13
S 14	20 42 29	8°35'39	21°38	21°56	18°11	16°23	8°16	16°24	14°56	27°19	29°32	0°18	0°24	3°51	n.a.	S 14
M15	20 46 25	9°34'29	6♑31	22°23	19°25	17° 5	8°26	16°28	15° 0	27°20	29°34	0°10	0°21	3°57	n.a.	M15
T 16	20 50 22	10°33'20	21°35	22°59	20°39	17°46	8°35	16°32	15° 4	27°21	29°36	0° 1	0°18	4° 4	n.a.	T 16
W17	20 54 19	11°32'13	6♒39	23°44	21°53	18°28	8°44	16°36	15° 8	27°22	29°38	29♎50	0°15	4°11	n.a.	W17
T 18	20 58 15	12°31'09	21°34	24°38	23° 8	19°10	8°54	16°40	15°12	27°23	29°40	29°39	0°11	4°18	n.a.	T 18
F 19	21 2 12	13°30'06	6♓10	25°38	24°22	19°51	9° 3	16°44	15°15	27°23	29°41	29°29	0° 8	4°24	n.a.	F 19
S 20	21 6 8	14°29'06	20°22	26°46	25°36	20°33	9°11	16°48	15°19	27°24	29°43	29°22	0° 5	4°31	n.a.	S 20
S 21	21 10 5	15°28'08	4♈ 6	28° 0	26°51	21°15	9°20	16°53	15°23	27°25	29°45	29°17	0° 2	4°38	n.a.	S 21
M22	21 14 1	16°27'13	17°21	29°20	28° 5	21°57	9°29	16°57	15°27	27°26	29°47	29°15	29♎59	4°44	n.a.	M22
T 23	21 17 58	17°26'20	0♉10	0♌45	29°20	22°39	9°37	17° 2	15°31	27°26	29°49	29°D14	29°55	4°51	n.a.	T 23
W24	21 21 54	18°25'29	12°37	2°14	0♌34	23°21	9°46	17° 6	15°34	27°27	29°51	29°R14	29°52	4°58	n.a.	W24
T 25	21 25 51	19°24'41	24°47	3°46	1°49	24° 3	9°54	17°11	15°38	27°28	29°53	29°14	29°49	5° 5	n.a.	T 25
F 26	21 29 47	20°23'56	6♊45	5°22	3° 4	24°45	10° 2	17°16	15°42	27°28	29°55	29°13	29°46	5°11	n.a.	F 26
S 27	21 33 44	21°23'13	18°37	7° 0	4°18	25°28	10°10	17°21	15°46	27°29	29°57	29°10	29°43	5°18	n.a.	S 27
S 28	21 37 41	22°22'32	0♋27	8°41	5°33	26°10	10°18	17°26	15°50	27°29	29°59	29° 3	29°40	5°25	n.a.	S 28
M29	21 41 37	23°21'54	12°19	10°23	6°48	26°53	10°26	17°30	15°53	27°30	0♎ 1	28°55	29°36	5°31	n.a.	M29
T 30	21 45 34	24°21'18	24°16	12° 6	8° 3	27°35	10°33	17°35	15°57	27°30	0° 3	28°44	29°33	5°38	n.a.	T 30
W31	21 49 30	25♌20'44	6♌21	13♌50	9♌18	28♍18	10♊41	17♎41	16♌ 1	27♉31	0♎ 5	28♎32	29♎30	5♋45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21n19	19n22	4s25	16n48	4s 4	24n 5	0n16	9n20	0n29	21n27	0s14	4s 9	2n18	17n34	0n44	18n32	1s20	14n36	15n39	12s18	12s 3	19n18			n.a.
T 2	21 8	18 8	4 48	17 9	3 55	24 6	0 19	9 4	0 28	21 28	0 14	4 10	2 18	17 33	0 44	18 32	1 20	14 35	15 38	12 13	12 2	19 17			n.a.
W 3	20 56	16 6	4 59	17 32	3 44	24 7	0 21	8 48	0 27	21 30	0 14	4 11	2 18	17 31	0 44	18 32	1 20	14 34	15 38	12 8	12 0	19 17			n.a.
T 4	20 44	13 22	4 56	17 55	3 31	24 6	0 24	8 32	0 27	21 32	0 14	4 13	2 17	17 30	0 44	18 33	1 20	14 33	15 37	12 3	11 59	19 16			n.a.
F 5	20 32	10 2	4 40	18 19	3 16	24 5	0 27	8 16	0 26	21 34	0 14	4 14	2 17	17 29	0 44	18 33	1 20	14 32	15 37	11 59	11 58	19 16			n.a.
S 6	20 19	6 15	4 11	18 43	3 0	24 3	0 29	7 59	0 25	21 36	0 14	4 16	2 17	17 28	0 44	18 33	1 20	14 31	15 36	11 55	11 57	19 15			n.a.
S 7	20 6	2 9	3 29	19 8	2 43	24 1	0 31	7 43	0 24	21 38	0 14	4 17	2 17	17 27	0 44	18 33	1 20	14 30	15 36	11 52	11 56	19 15			n.a.
M 8	19 53	2s 7	2 36	19 32	2 25	23 57	0 34	7 26	0 24	21 40	0 14	4 19	2 16	17 26	0 44	18 34	1 20	14 29	15 35	11 50	11 55	19 14			n.a.
T 9	19 39	6 22	1 35	19 55	2 7	23 53	0 36	7 9	0 23	21 41	0 14	4 20	2 16	17 25	0 44	18 34	1 20	14 28	15 35	11 49	11 54	19 14			n.a.
W10	19 25	10 24	0 26	20 17	1 48	23 48	0 39	6 53	0 22	21 43	0 14	4 22	2 16	17 24	0 44	18 34	1 20	14 27	15 35	11 49	11 53	19 13			n.a.
T 11	19 10	14 0	0n45	20 37	1 29	23 43	0 41	6 36	0 21	21 45	0 14	4 24	2 16	17 23	0 44	18 34	1 20	14 26	15 34	11 49	11 51	19 12			n.a.
F 12	18 55	16 55	1 55	20 56	1 10	23 37	0 43	6 19	0 21	21 47	0 14	4 25	2 16	17 21	0 44	18 35	1 20	14 25	15 34	11 48	11 50	19 12			n.a.
S 13	18 40	18 53	3 1	21 13	0 52	23 30	0 45	6 2	0 20	21 48	0 13	4 27	2 15	17 20	0 44	18 35	1 20	14 24	15 33	11 48	11 49	19 11			n.a.
S 14	18 25	19 39	3 56	21 28	0 34	23 22	0 48	5 45	0 19	21 50	0 13	4 29	2 15	17 19	0 44	18 35	1 20	14 22	15 33	11 46	11 48	19 11			n.a.
M15	18 9	19 5	4 36	21 40	0 17	23 13	0 50	5 28	0 18	21 52	0 13	4 30	2 15	17 18	0 44	18 35	1 20	14 21	15 32	11 43	11 47	19 10			n.a.
T 16	17 53	17 11	4 58	21 50	0 0	23 4	0 52	5 11	0 18	21 53	0 13	4 32	2 15	17 17	0 44	18 35	1 20	14 20	15 32	11 40	11 46	19 9			n.a.
W17	17 37	14 6	4 59	21 58	0n15	22 55	0 54	4 54	0 17	21 55	0 13	4 34	2 14	17 16	0 44	18 36	1 21	14 19	15 31	11 36	11 45	19 9			n.a.
T 18	17 20	10 9	4 39	22 2	0 29	22 44	0 56	4 36	0 16	21 56	0 13	4 36	2 14	17 15	0 44	18 36	1 21	14 18	15 31	11 32	11 44	19 8			n.a.
F 19	17 3	5 39	4 2	22 4	0 42	22 33	0 58	4 19	0 15	21 58	0 13	4 38	2 14	17 14	0 44	18 36	1 21	14 17	15 31	11 28	11 42	19 8			n.a.
S 20	16 45	0 58	3 10	22 2	0 54	22 21	0 59	4 2	0 15	21 59	0 13	4 39	2 14	17 12	0 44	18 36	1 21	14 16	15 30	11 26	11 41	19 7			n.a.
S 21	16 28	3n37	2 9	21 58	1 5	22 8	1 1	3 44	0 14	22 1	0 13	4 41	2 13	17 11	0 44	18 36	1 21	14 15	15 30	11 24	11 40	19 6			n.a.
M22	16 10	7 53	1 3	21 51	1 15	21 55	1 3	3 27	0 13	22 2	0 13	4 43	2 13	17 10	0 44	18 36	1 21	14 14	15 29	11 23	11 39	19 6			n.a.
T 23	15 52	11 38	0s 5	21 41	1 23	21 41	1 5	3 9	0 12	22 3	0 13	4 45	2 13	17 9	0 44	18 36	1 21	14 12	15 29	11 23	11 38	19 5			n.a.
W24	15 33	14 46	1 11	21 28	1 31	21 27	1 6	2 51	0 12	22 5	0 12	4 47	2 13	17 8	0 44	18 36	1 21	14 11	15 29	11 23	11 37	19 5			n.a.
T 25	15 15	17 9	2 11	21 12	1 37	21 11	1 8	2 34	0 11	22 6	0 12	4 49	2 13	17 7	0 44	18 37	1 21	14 10	15 28	11 23	11 36	19 4			n.a.
F 26	14 56	18 45	3 5	20 53	1 42	20 55	1 10	2 16	0 10	22 7	0 12	4 51	2 12	17 5	0 44	18 37	1 21	14 9	15 28	11 23	11 34	19 3			n.a.
S 27	14 36	19 30	3 51	20 32	1 46	20 39	1 11	1 58	0 9	22 9	0 12	4 53	2 12	17 4	0 44	18 37	1 21	14 8	15 27	11 21	11 33	19 3			n.a.
S 28	14 17	19 24	4 26	20 9	1 50	20 22	1 12	1 41	0 9	22 10	0 12	4 55	2 12	17 3	0 44	18 37	1 21	14 7	15 27	11 19	11 32	19 2			n.a.
M29	13 57	18 26	4 50	19 43	1 52	20 4	1 14	1 23	0 8	22 11	0 12	4 58	2 12	17 2	0 44	18 37	1 21	14 6	15 27	11 16	11 31	19 1			n.a.
T 30	13 37	16 40	5 2	19 16	1 54	19 46	1 15	1 5	0 7	22 12	0 12	5 0	2 12	17 1	0 44	18 37	1 21	14 4	15 26	11 12	11 30	19 1			n.a.
W31	13n17	14n 9	5s 0	18n46	1n54	19n27	1n16	0n47	0n 6	22n13	0s12	5s 2	2n11	17n 0	0n44	18n37	1s21	14n 3	15n26	11s 8	11s29	19n 0			n.a.

Julian Day Number = 1273838.5, Delta T = 08h14m36s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'19, Lahiri = -20°52'19 Julian Calendar 1 Aug. 1226 BCE == Greg. Calendar 21 July 1226 BCE

The year -1225 astronomical counting style corresponds to year 1226 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1226 BCE
geocentric

SEPTEMBER 1226 BCE (-1225) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 53 27	26♌20'13	18♌36	15♌35	10♌33	29♍ 0	10♊48	17♎46	16♌ 5	27♉31	0♎ 7	28°R20	29♎27	5♋52	n.a.	T 1
F 2	21 57 23	27°19'44	1♍ 1	17°21	11°48	29°43	10°55	17°51	16° 9	27°32	0° 9	28♎ 9	29°24	5°58	n.a.	F 2
S 3	22 1 20	28°19'16	13°36	19° 6	13° 2	0♎26	11° 2	17°56	16°12	27°32	0°11	28° 0	29°21	6° 5	n.a.	S 3
S 4	22 5 16	29°18'52	26°22	20°52	14°17	1° 9	11° 9	18° 2	16°16	27°32	0°14	27°53	29°17	6°12	n.a.	S 4
M 5	22 9 13	0♍18'29	9♎19	22°37	15°33	1°52	11°16	18° 7	16°20	27°32	0°16	27°49	29°14	6°18	n.a.	M 5
T 6	22 13 9	1°18'08	22°27	24°23	16°48	2°35	11°23	18°12	16°23	27°33	0°18	27°D47	29°11	6°25	n.a.	T 6
W 7	22 17 6	2°17'49	5♏48	26° 8	18° 3	3°18	11°29	18°18	16°27	27°33	0°20	27°47	29° 8	6°32	n.a.	W 7
T 8	22 21 3	3°17'32	19°22	27°52	19°18	4° 1	11°35	18°23	16°31	27°33	0°22	27°48	29° 5	6°39	n.a.	T 8
F 9	22 24 59	4°17'16	3♐11	29°36	20°33	4°44	11°41	18°29	16°35	27°33	0°25	27°R49	29° 1	6°45	n.a.	F 9
S 10	22 28 56	5°17'03	17°16	1♍20	21°48	5°27	11°47	18°35	16°38	27°33	0°27	27°48	28°58	6°52	n.a.	S 10
S 11	22 32 52	6°16'51	1♑34	3° 3	23° 3	6°11	11°53	18°40	16°42	27°33	0°29	27°45	28°55	6°59	n.a.	S 11
M12	22 36 49	7°16'42	16° 5	4°46	24°18	6°54	11°59	18°46	16°46	27°R33	0°31	27°41	28°52	7° 5	n.a.	M12
T 13	22 40 45	8°16'34	0♒44	6°28	25°34	7°38	12° 4	18°52	16°49	27°33	0°34	27°34	28°49	7°12	n.a.	T 13
W14	22 44 42	9°16'28	15°23	8° 9	26°49	8°21	12°10	18°58	16°53	27°33	0°36	27°26	28°46	7°19	n.a.	W14
T 15	22 48 38	10°16'24	29°57	9°50	28° 4	9° 5	12°15	19° 4	16°56	27°33	0°38	27°19	28°42	7°26	n.a.	T 15
F 16	22 52 35	11°16'21	14♓18	11°30	29°19	9°48	12°20	19°10	17° 0	27°33	0°41	27°12	28°39	7°32	n.a.	F 16
S 17	22 56 32	12°16'21	28°19	13°10	0♍35	10°32	12°25	19°16	17° 3	27°33	0°43	27° 7	28°36	7°39	n.a.	S 17
S 18	23 0 28	13°16'23	11♈58	14°49	1°50	11°16	12°29	19°22	17° 7	27°33	0°45	27° 3	28°33	7°46	n.a.	S 18
M19	23 4 25	14°16'27	25°12	16°27	3° 5	12° 0	12°34	19°28	17°10	27°32	0°48	27°D 2	28°30	7°52	n.a.	M19
T 20	23 8 21	15°16'34	8♉ 3	18° 5	4°21	12°44	12°38	19°34	17°14	27°32	0°50	27° 3	28°26	7°59	n.a.	T 20
W21	23 12 18	16°16'43	20°33	19°43	5°36	13°28	12°42	19°40	17°17	27°32	0°52	27° 4	28°23	8° 6	n.a.	W21
T 22	23 16 14	17°16'53	2♊46	21°20	6°52	14°12	12°46	19°46	17°21	27°32	0°55	27° 6	28°20	8°13	n.a.	T 22
F 23	23 20 11	18°17'07	14°47	22°56	8° 7	14°56	12°50	19°53	17°24	27°31	0°57	27°R 7	28°17	8°19	n.a.	F 23
S 24	23 24 7	19°17'22	26°41	24°33	9°23	15°40	12°54	19°59	17°28	27°31	0°59	27° 7	28°14	8°26	n.a.	S 24
S 25	23 28 4	20°17'39	8♋32	26° 8	10°38	16°24	12°57	20° 5	17°31	27°30	1° 2	27° 5	28°11	8°33	n.a.	S 25
M26	23 32 0	21°17'59	20°26	27°43	11°54	17° 8	13° 0	20°12	17°34	27°30	1° 4	27° 1	28° 7	8°39	n.a.	M26
T 27	23 35 57	22°18'21	2♌26	29°18	13° 9	17°53	13° 3	20°18	17°38	27°29	1° 7	26°56	28° 4	8°46	n.a.	T 27
W28	23 39 54	23°18'45	14°37	0♎52	14°25	18°37	13° 6	20°25	17°41	27°29	1° 9	26°51	28° 1	8°53	n.a.	W28
T 29	23 43 50	24°19'11	27° 0	2°26	15°40	19°22	13° 9	20°31	17°44	27°28	1°12	26°44	27°58	9° 0	n.a.	T 29
F 30	23 47 47	25♍19'38	9♍38	4♎ 0	16♍56	20♎ 6	13♊11	20♎38	17♌47	27♉28	1♎14	26♎39	27♎55	9♋ 6	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n57	11n 0	4s44	18n15	1n54	19n 8	1n17	0n29	0n 6	22n15	0s12	5s 4	2n11	16n59	0n44	18n37	1s21	14n 2	15n26	11s 4	11s28	19n 0		n.a.
F 2	12 36	7 19	4 15	17 42	1 54	18 48	1 18	0 11	0 5	22 16	0 12	5 6	2 11	16 58	0 44	18 37	1 21	14 1	15 25	11 0	11 26	18 59		n.a.
S 3	12 15	3 17	3 33	17 7	1 53	18 27	1 20	0s 7	0 4	22 17	0 12	5 8	2 11	16 56	0 44	18 37	1 21	14 0	15 25	10 56	11 25	18 58		n.a.
S 4	11 54	0s58	2 40	16 32	1 51	18 6	1 21	0 25	0 3	22 18	0 12	5 11	2 11	16 55	0 44	18 37	1 21	13 59	15 25	10 54	11 24	18 58		n.a.
M 5	11 33	5 14	1 37	15 55	1 49	17 44	1 21	0 43	0 3	22 19	0 11	5 13	2 10	16 54	0 44	18 37	1 21	13 58	15 24	10 52	11 23	18 57		n.a.
T 6	11 11	9 19	0 29	15 17	1 46	17 22	1 22	1 1	0 2	22 20	0 11	5 15	2 10	16 53	0 44	18 37	1 21	13 56	15 24	10 52	11 22	18 56		n.a.
W 7	10 50	13 0	0n43	14 37	1 43	16 59	1 23	1 19	0 1	22 21	0 11	5 17	2 10	16 52	0 44	18 37	1 21	13 55	15 24	10 52	11 21	18 56		n.a.
T 8	10 28	16 3	1 53	13 58	1 39	16 36	1 24	1 37	0 0	22 22	0 11	5 20	2 10	16 51	0 44	18 37	1 21	13 54	15 24	10 52	11 20	18 55		n.a.
F 9	10 6	18 14	2 58	13 17	1 35	16 13	1 24	1 55	0s 0	22 23	0 11	5 22	2 10	16 50	0 44	18 37	1 21	13 53	15 23	10 52	11 18	18 54		n.a.
S 10	9 44	19 20	3 54	12 36	1 31	15 49	1 25	2 13	0 1	22 24	0 11	5 24	2 10	16 49	0 44	18 37	1 21	13 52	15 23	10 52	11 17	18 54		n.a.
S 11	9 21	19 14	4 36	11 54	1 26	15 24	1 25	2 31	0 2	22 25	0 11	5 27	2 9	16 47	0 44	18 37	1 21	13 51	15 23	10 51	11 16	18 53		n.a.
M12	8 59	17 52	5 1	11 11	1 22	14 59	1 26	2 49	0 2	22 25	0 11	5 29	2 9	16 46	0 44	18 37	1 21	13 50	15 23	10 49	11 15	18 52		n.a.
T 13	8 36	15 20	5 7	10 28	1 16	14 34	1 26	3 7	0 3	22 26	0 11	5 31	2 9	16 45	0 44	18 37	1 21	13 48	15 22	10 47	11 14	18 52		n.a.
W14	8 13	11 50	4 52	9 45	1 11	14 8	1 27	3 25	0 4	22 27	0 11	5 34	2 9	16 44	0 44	18 37	1 22	13 47	15 22	10 44	11 13	18 51		n.a.
T 15	7 50	7 38	4 19	9 1	1 6	13 42	1 27	3 44	0 5	22 28	0 10	5 36	2 9	16 43	0 44	18 37	1 22	13 46	15 22	10 41	11 12	18 50		n.a.
F 16	7 27	3 4	3 30	8 17	1 0	13 15	1 27	4 2	0 5	22 29	0 10	5 39	2 9	16 42	0 44	18 37	1 22	13 45	15 22	10 39	11 10	18 50		n.a.
S 17	7 4	1n35	2 29	7 33	0 54	12 48	1 27	4 20	0 6	22 29	0 10	5 41	2 8	16 41	0 44	18 37	1 22	13 44	15 21	10 37	11 9	18 49		n.a.
S 18	6 41	6 2	1 21	6 49	0 48	12 21	1 27	4 38	0 7	22 30	0 10	5 44	2 8	16 40	0 44	18 37	1 22	13 43	15 21	10 36	11 8	18 48		n.a.
M19	6 17	10 4	0 10	6 4	0 42	11 53	1 27	4 56	0 7	22 31	0 10	5 46	2 8	16 39	0 44	18 37	1 22	13 42	15 21	10 35	11 7	18 47		n.a.
T 20	5 54	13 29	0s59	5 20	0 36	11 25	1 27	5 14	0 8	22 31	0 10	5 48	2 8	16 38	0 44	18 37	1 22	13 41	15 21	10 35	11 6	18 47		n.a.
W21	5 30	16 11	2 4	4 35	0 29	10 57	1 27	5 32	0 9	22 32	0 10	5 51	2 8	16 37	0 44	18 37	1 22	13 39	15 21	10 36	11 5	18 46		n.a.
T 22	5 6	18 5	3 2	3 51	0 23	10 28	1 27	5 50	0 10	22 33	0 10	5 53	2 8	16 36	0 44	18 37	1 22	13 38	15 20	10 36	11 4	18 45		n.a.
F 23	4 42	19 8	3 50	3 6	0 16	10 0	1 26	6 8	0 10	22 33	0 10	5 56	2 8	16 35	0 44	18 36	1 22	13 37	15 20	10 37	11 2	18 45		n.a.
S 24	4 18	19 19	4 29	2 21	0 10	9 30	1 26	6 26	0 11	22 34	0 10	5 59	2 8	16 34	0 44	18 36	1 22	13 36	15 20	10 37	11 1	18 44		n.a.
S 25	3 54	18 39	4 55	1 37	0 3	9 1	1 26	6 44	0 12	22 34	0 9	6 1	2 7	16 33	0 44	18 36	1 22	13 35	15 20	10 36	11 0	18 43		n.a.
M26	3 30	17 10	5 9	0 52	0s 3	8 31	1 25	7 2	0 12	22 35	0 9	6 4	2 7	16 31	0 44	18 36	1 22	13 34	15 20	10 35	10 59	18 42		n.a.
T 27	3 6	14 55	5 10	0 8	0 10	8 1	1 24	7 20	0 13	22 35	0 9	6 6	2 7	16 30	0 44	18 36	1 22	13 33	15 20	10 33	10 58	18 42		n.a.
W28	2 42	12 0	4 57	0s36	0 16	7 31	1 24	7 37	0 14	22 36	0 9	6 9	2 7	16 29	0 44	18 36	1 22	13 32	15 20	10 31	10 57	18 41		n.a.
T 29	2 18	8 30	4 29	1 20	0 23	7 1	1 23	7 55	0 14	22 36	0 9	6 11	2 7	16 28	0 44	18 36	1 22	13 31	15 20	10 29	10 55	18 40		n.a.
F 30	1n53	4n34	3s48	2s 4	0s29	6n30	1n22	8s13	0s15	22n37	0s 9	6s14	2n 7	16n28	0n44	18n35	1s22	13n30	15n19	10s27	10s54	18n40		n.a.

Julian Day Number = 1273869.5, Delta T = 08h14m34s
Ecliptic obliquity = 23°50'17, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'15, Lahiri = -20°52'15 Julian Calendar 1 Sept. 1226 BCE == Greg. Calendar 21 Aug. 1226 BCE

The year -1225 astronomical counting style corresponds to year 1226 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1226 BCE
geocentric

OCTOBER 1226 BCE (-1225) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 51 43	26♍20'08	22♍30	5♎33	18♍11	20♎51	13♊14	20♎44	17♌51	27°R27	1♎16	26°R34	27♎52	9♋13	n.a.	S 1
S 2	23 55 40	27°20'39	5♎37	7° 5	19°27	21°35	13°16	20°51	17°54	27♉27	1°19	26♎31	27°48	9°20	n.a.	S 2
M 3	23 59 36	28°21'12	18°58	8°38	20°42	22°20	13°18	20°57	17°57	27°26	1°21	26°29	27°45	9°26	n.a.	M 3
T 4	0 3 33	29°21'47	2♏30	10°10	21°58	23° 5	13°19	21° 4	18° 0	27°25	1°24	26°D29	27°42	9°33	n.a.	T 4
W 5	0 7 29	0♎22'23	16°13	11°42	23°14	23°50	13°21	21°11	18° 3	27°24	1°26	26°30	27°39	9°40	n.a.	W 5
T 6	0 11 26	1°23'01	0♐ 5	13°13	24°29	24°34	13°22	21°17	18° 6	27°24	1°29	26°32	27°36	9°47	n.a.	T 6
F 7	0 15 22	2°23'40	14° 5	14°44	25°45	25°19	13°23	21°24	18° 9	27°23	1°31	26°33	27°32	9°53	n.a.	F 7
S 8	0 19 19	3°24'21	28°11	16°15	27° 0	26° 4	13°24	21°31	18°12	27°22	1°33	26°R34	27°29	10° 0	n.a.	S 8
S 9	0 23 16	4°25'03	12♑22	17°45	28°16	26°49	13°25	21°38	18°15	27°21	1°36	26°34	27°26	10° 7	n.a.	S 9
M10	0 27 12	5°25'46	26°35	19°16	29°32	27°35	13°25	21°44	18°18	27°20	1°38	26°33	27°23	10°13	n.a.	M10
T 11	0 31 9	6°26'30	10♒49	20°45	0♎47	28°20	13°26	21°51	18°21	27°19	1°41	26°31	27°20	10°20	n.a.	T 11
W12	0 35 5	7°27'16	25° 0	22°15	2° 3	29° 5	13°R26	21°58	18°24	27°18	1°43	26°28	27°17	10°27	n.a.	W12
T 13	0 39 2	8°28'02	9♓ 4	23°44	3°19	29°50	13°26	22° 5	18°26	27°17	1°46	26°26	27°13	10°34	n.a.	T 13
F 14	0 42 58	9°28'50	22°57	25°12	4°34	0♏35	13°26	22°12	18°29	27°16	1°48	26°23	27°10	10°40	n.a.	F 14
S 15	0 46 55	10°29'40	6♈36	26°40	5°50	1°21	13°25	22°19	18°32	27°15	1°50	26°22	27° 7	10°47	n.a.	S 15
S 16	0 50 51	11°30'30	19°58	28° 8	7° 5	2° 6	13°25	22°26	18°35	27°14	1°53	26°D21	27° 4	10°54	n.a.	S 16
M17	0 54 48	12°31'22	3♉ 2	29°35	8°21	2°52	13°24	22°32	18°37	27°13	1°55	26°21	27° 1	11° 0	n.a.	M17
T 18	0 58 45	13°32'16	15°48	1♏ 1	9°37	3°37	13°23	22°39	18°40	27°12	1°58	26°21	26°57	11° 7	n.a.	T 18
W19	1 2 41	14°33'11	28°17	2°26	10°52	4°23	13°21	22°46	18°42	27°11	2° 0	26°23	26°54	11°14	n.a.	W19
T 20	1 6 38	15°34'08	10♊31	3°51	12° 8	5° 8	13°20	22°53	18°45	27°10	2° 3	26°24	26°51	11°21	n.a.	T 20
F 21	1 10 34	16°35'06	22°33	5°15	13°24	5°54	13°18	23° 0	18°47	27° 9	2° 5	26°25	26°48	11°27	n.a.	F 21
S 22	1 14 31	17°36'05	4♋28	6°38	14°39	6°40	13°16	23° 7	18°50	27° 7	2° 7	26°25	26°45	11°34	n.a.	S 22
S 23	1 18 27	18°37'06	16°21	8° 0	15°55	7°25	13°14	23°14	18°52	27° 6	2°10	26°R26	26°42	11°41	n.a.	S 23
M24	1 22 24	19°38'08	28°14	9°20	17°11	8°11	13°12	23°21	18°54	27° 5	2°12	26°26	26°38	11°47	n.a.	M24
T 25	1 26 20	20°39'12	10♌15	10°38	18°26	8°57	13°10	23°28	18°57	27° 4	2°14	26°25	26°35	11°54	n.a.	T 25
W26	1 30 17	21°40'17	22°26	11°55	19°42	9°43	13° 7	23°35	18°59	27° 2	2°17	26°25	26°32	12° 1	n.a.	W26
T 27	1 34 14	22°41'23	4♍53	13°10	20°57	10°29	13° 4	23°42	19° 1	27° 1	2°19	26°24	26°29	12° 8	n.a.	T 27
F 28	1 38 10	23°42'30	17°37	14°22	22°13	11°15	13° 1	23°49	19° 3	27° 0	2°21	26°24	26°26	12°14	n.a.	F 28
S 29	1 42 7	24°43'38	0♎41	15°31	23°29	12° 1	12°58	23°56	19° 5	26°58	2°24	26°23	26°23	12°21	n.a.	S 29
S 30	1 46 3	25°44'48	14° 5	16°37	24°44	12°47	12°54	24° 3	19° 7	26°57	2°26	26°23	26°19	12°28	n.a.	S 30
M31	1 50 0	26♎45'58	27♎49	17♏39	26♎ 0	13♏33	12♊51	24♎10	19♌ 9	26♉56	2♎28	26♎23	26♎16	12♋34	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n29	0n21	2s55	2s47	0s36	6n 0	1n22	8s31	0s16	22n37	0s 9	6s17	2n 7	16n27	0n44	18n35	1s22	13n29	15n19	10s25	10s53	18n39		n.a.
S 2	1 4	3s59	1 52	3 30	0 42	5 29	1 21	8 48	0 16	22 38	0 9	6 19	2 7	16 26	0 44	18 35	1 22	13 28	15 19	10 24	10 52	18 38		n.a.
M 3	0 40	8 11	0 41	4 13	0 49	4 58	1 20	9 6	0 17	22 38	0 9	6 22	2 6	16 25	0 45	18 35	1 22	13 26	15 19	10 23	10 51	18 37		n.a.
T 4	0 15	12 2	0n33	4 56	0 55	4 26	1 19	9 23	0 18	22 38	0 9	6 24	2 6	16 24	0 45	18 35	1 22	13 25	15 19	10 23	10 50	18 37		n.a.
W 5	0s 9	15 16	1 46	5 38	1 1	3 55	1 18	9 41	0 18	22 38	0 8	6 27	2 6	16 23	0 45	18 34	1 22	13 24	15 19	10 23	10 49	18 36		n.a.
T 6	0 34	17 40	2 54	6 20	1 8	3 24	1 17	9 58	0 19	22 39	0 8	6 30	2 6	16 22	0 45	18 34	1 22	13 23	15 19	10 24	10 47	18 35		n.a.
F 7	0 58	19 1	3 53	7 2	1 14	2 52	1 16	10 16	0 20	22 39	0 8	6 32	2 6	16 21	0 45	18 34	1 22	13 22	15 19	10 25	10 46	18 34		n.a.
S 8	1 23	19 12	4 37	7 43	1 20	2 21	1 14	10 33	0 20	22 39	0 8	6 35	2 6	16 20	0 45	18 34	1 22	13 21	15 19	10 25	10 45	18 34		n.a.
S 9	1 47	18 11	5 5	8 24	1 25	1 49	1 13	10 50	0 21	22 39	0 8	6 38	2 6	16 19	0 45	18 34	1 22	13 20	15 19	10 25	10 44	18 33		n.a.
M10	2 11	16 2	5 15	9 4	1 31	1 17	1 12	11 7	0 22	22 40	0 8	6 40	2 6	16 18	0 45	18 33	1 22	13 19	15 19	10 24	10 43	18 32		n.a.
T 11	2 36	12 55	5 5	9 43	1 37	0 45	1 10	11 24	0 22	22 40	0 8	6 43	2 6	16 17	0 45	18 33	1 22	13 18	15 19	10 24	10 42	18 31		n.a.
W12	3 0	9 4	4 37	10 22	1 42	0 13	1 9	11 41	0 23	22 40	0 8	6 45	2 6	16 17	0 45	18 33	1 22	13 17	15 19	10 23	10 40	18 30		n.a.
T 13	3 25	4 43	3 52	11 1	1 47	0s18	1 7	11 58	0 24	22 40	0 8	6 48	2 6	16 16	0 45	18 33	1 22	13 16	15 19	10 22	10 39	18 30		n.a.
F 14	3 49	0 11	2 54	11 38	1 52	0 50	1 6	12 15	0 24	22 40	0 7	6 51	2 5	16 15	0 45	18 32	1 22	13 16	15 19	10 21	10 38	18 29		n.a.
S 15	4 13	4n18	1 47	12 15	1 57	1 22	1 4	12 32	0 25	22 40	0 7	6 53	2 5	16 14	0 45	18 32	1 23	13 15	15 19	10 20	10 37	18 28		n.a.
S 16	4 37	8 29	0 35	12 52	2 1	1 54	1 3	12 48	0 26	22 40	0 7	6 56	2 5	16 13	0 45	18 32	1 23	13 14	15 19	10 20	10 36	18 27		n.a.
M17	5 2	12 9	0s37	13 27	2 5	2 26	1 1	13 5	0 26	22 40	0 7	6 59	2 5	16 12	0 45	18 32	1 23	13 13	15 19	10 20	10 35	18 27		n.a.
T 18	5 26	15 10	1 46	14 2	2 9	2 58	0 59	13 21	0 27	22 40	0 7	7 1	2 5	16 12	0 45	18 31	1 23	13 12	15 19	10 20	10 33	18 26		n.a.
W19	5 50	17 23	2 48	14 35	2 13	3 29	0 58	13 37	0 28	22 40	0 7	7 4	2 5	16 11	0 45	18 31	1 23	13 11	15 19	10 21	10 32	18 25		n.a.
T 20	6 14	18 45	3 41	15 8	2 16	4 1	0 56	13 54	0 28	22 40	0 7	7 7	2 5	16 10	0 45	18 31	1 23	13 10	15 19	10 21	10 31	18 24		n.a.
F 21	6 37	19 14	4 24	15 40	2 19	4 33	0 54	14 10	0 29	22 40	0 7	7 9	2 5	16 9	0 45	18 30	1 23	13 9	15 19	10 21	10 30	18 23		n.a.
S 22	7 1	18 52	4 54	16 10	2 21	5 4	0 52	14 26	0 29	22 40	0 6	7 12	2 5	16 9	0 45	18 30	1 23	13 8	15 19	10 22	10 29	18 23		n.a.
S 23	7 25	17 39	5 12	16 39	2 23	5 36	0 50	14 41	0 30	22 40	0 6	7 15	2 5	16 8	0 45	18 30	1 23	13 7	15 19	10 22	10 28	18 22		n.a.
M24	7 48	15 41	5 17	17 7	2 24	6 7	0 48	14 57	0 31	22 40	0 6	7 17	2 5	16 7	0 45	18 29	1 23	13 7	15 20	10 22	10 26	18 21		n.a.
T 25	8 12	13 2	5 8	17 33	2 25	6 38	0 46	15 13	0 31	22 39	0 6	7 20	2 5	16 6	0 45	18 29	1 23	13 6	15 20	10 22	10 25	18 20		n.a.
W26	8 35	9 46	4 45	17 58	2 26	7 9	0 44	15 28	0 32	22 39	0 6	7 23	2 5	16 6	0 45	18 29	1 23	13 5	15 20	10 21	10 24	18 19		n.a.
T 27	8 58	6 2	4 9	18 21	2 25	7 40	0 42	15 43	0 32	22 39	0 6	7 25	2 5	16 5	0 45	18 29	1 23	13 4	15 20	10 21	10 23	18 19		n.a.
F 28	9 21	1 56	3 19	18 42	2 24	8 10	0 40	15 59	0 33	22 39	0 6	7 28	2 5	16 5	0 45	18 28	1 23	13 3	15 20	10 21	10 22	18 18		n.a.
S 29	9 44	2s23	2 18	19 2	2 23	8 41	0 38	16 14	0 34	22 38	0 6	7 31	2 5	16 4	0 45	18 28	1 23	13 2	15 20	10 21	10 21	18 17		n.a.
S 30	10 7	6 41	1 8	19 19	2 20	9 11	0 36	16 29	0 34	22 38	0 5	7 33	2 5	16 3	0 45	18 28	1 23	13 2	15 20	10 21	10 19	18 16		n.a.
M31	10s29	10s45	0n 8	19s34	2s17	9s41	0n34	16s43	0s35	22n38	0s 5	7s36	2n 5	16n 3	0n45	18n27	1s23	13n 1	15n21	10s21	10s18	18n15		n.a.

Julian Day Number = 1273899.5, Delta T = 08h14m33s
Ecliptic obliquity = 23°50'17, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'11, Lahiri = -20°52'11 Julian Calendar 1 Oct. 1226 BCE == Greg. Calendar 20 Sept. 1226 BCE

The year -1225 astronomical counting style corresponds to year 1226 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1226 BCE
geocentric

NOVEMBER 1226 BCE (-1225) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 53 56	27♎47'09	11♏49	18♏37	27♎16	14♏19	12°R47	24♎17	19♌11	26°R54	2♎30	26°R23	26♎13	12♋41	n.a.	T 1
W 2	1 57 53	28°48'21	26° 1	19°29	28°31	15° 5	12♊43	24°24	19°13	26♉53	2°33	26♎23	26°10	12°48	n.a.	W 2
T 3	2 1 49	29°49'34	10♐22	20°17	29°47	15°52	12°39	24°31	19°15	26°51	2°35	26°23	26° 7	12°55	n.a.	T 3
F 4	2 5 46	0♏50'47	24°45	20°57	1♏ 3	16°38	12°35	24°38	19°17	26°50	2°37	26°22	26° 3	13° 1	n.a.	F 4
S 5	2 9 43	1°52'01	9♑ 8	21°30	2°18	17°24	12°30	24°45	19°19	26°48	2°39	26°22	26° 0	13° 8	n.a.	S 5
S 6	2 13 39	2°53'15	23°25	21°56	3°34	18°11	12°25	24°52	19°20	26°47	2°42	26°22	25°57	13°15	n.a.	S 6
M 7	2 17 36	3°54'29	7♒34	22°12	4°49	18°57	12°21	24°59	19°22	26°45	2°44	26°D22	25°54	13°22	n.a.	M 7
T 8	2 21 32	4°55'43	21°34	22°R18	6° 5	19°43	12°16	25° 6	19°24	26°44	2°46	26°22	25°51	13°28	n.a.	T 8
W 9	2 25 29	5°56'58	5♓22	22°13	7°20	20°30	12°10	25°13	19°25	26°42	2°48	26°23	25°48	13°35	n.a.	W 9
T 10	2 29 25	6°58'12	18°59	21°57	8°36	21°16	12° 5	25°20	19°27	26°40	2°50	26°23	25°44	13°42	n.a.	T 10
F 11	2 33 22	7°59'27	2♈23	21°30	9°52	22° 3	12° 0	25°27	19°28	26°39	2°52	26°24	25°41	13°48	n.a.	F 11
S 12	2 37 19	9° 0'43	15°35	20°51	11° 7	22°50	11°54	25°33	19°30	26°37	2°54	26°25	25°38	13°55	n.a.	S 12
S 13	2 41 15	10° 1'58	28°35	20° 0	12°23	23°36	11°48	25°40	19°31	26°36	2°56	26°R25	25°35	14° 2	n.a.	S 13
M14	2 45 12	11° 3'14	11♉21	19° 0	13°38	24°23	11°42	25°47	19°32	26°34	2°58	26°25	25°32	14° 9	n.a.	M14
T 15	2 49 8	12° 4'30	23°54	17°50	14°54	25° 9	11°36	25°54	19°33	26°32	3° 0	26°24	25°28	14°15	n.a.	T 15
W16	2 53 5	13° 5'46	6♊15	16°34	16° 9	25°56	11°30	26° 1	19°35	26°31	3° 2	26°21	25°25	14°22	n.a.	W16
T 17	2 57 1	14° 7'03	18°26	15°13	17°25	26°43	11°24	26° 8	19°36	26°29	3° 4	26°19	25°22	14°29	n.a.	T 17
F 18	3 0 58	15° 8'20	0♋27	13°51	18°40	27°30	11°17	26°14	19°37	26°28	3° 6	26°15	25°19	14°35	n.a.	F 18
S 19	3 4 54	16° 9'38	12°22	12°30	19°56	28°16	11°10	26°21	19°38	26°26	3° 8	26°12	25°16	14°42	n.a.	S 19
S 20	3 8 51	17°10'55	24°14	11°13	21°11	29° 3	11° 4	26°28	19°39	26°24	3°10	26°10	25°13	14°49	n.a.	S 20
M21	3 12 48	18°12'13	6♌ 6	10° 1	22°27	29°50	10°57	26°34	19°40	26°22	3°12	26° 8	25° 9	14°56	n.a.	M21
T 22	3 16 44	19°13'31	18° 4	8°58	23°42	0♐37	10°50	26°41	19°40	26°21	3°14	26°D 7	25° 6	15° 2	n.a.	T 22
W23	3 20 41	20°14'49	0♍13	8° 3	24°57	1°24	10°43	26°48	19°41	26°19	3°16	26° 8	25° 3	15° 9	n.a.	W23
T 24	3 24 37	21°16'08	12°36	7°19	26°13	2°11	10°36	26°54	19°42	26°17	3°18	26° 9	25° 0	15°16	n.a.	T 24
F 25	3 28 34	22°17'27	25°18	6°45	27°28	2°58	10°28	27° 1	19°43	26°16	3°19	26°11	24°57	15°23	n.a.	F 25
S 26	3 32 30	23°18'45	8♎24	6°21	28°44	3°45	10°21	27° 7	19°43	26°14	3°21	26°12	24°54	15°29	n.a.	S 26
S 27	3 36 27	24°20'04	21°54	6° 8	29°59	4°32	10°13	27°14	19°44	26°12	3°23	26°R13	24°50	15°36	n.a.	S 27
M28	3 40 23	25°21'23	5♏51	6°D 4	1♐15	5°19	10° 6	27°20	19°44	26°11	3°25	26°13	24°47	15°43	n.a.	M28
T 29	3 44 20	26°22'41	20°10	6° 8	2°30	6° 6	9°58	27°27	19°45	26° 9	3°26	26°11	24°44	15°49	n.a.	T 29
W30	3 48 17	27♏23'59	4♐48	6♏21	3♐45	6♐53	9♊50	27♎33	19♌45	26♉ 7	3♎28	26♎ 8	24♎41	15♋56	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s52	14s17	1n25	19s46	2s12	10s11	0n31	16s58	0s35	22n37	0s 5	7s38	2n 5	16n 2	0n46	18n27	1s23	13n 0	15n21	10s21	10s17	18n14		n.a.
W 2	11 14	17 2	2 37	19 56	2 7	10 40	0 29	17 12	0 36	22 37	0 5	7 41	2 5	16 2	0 46	18 26	1 23	12 59	15 21	10 21	10 16	18 14		n.a.
T 3	11 36	18 44	3 41	20 2	2 0	11 10	0 27	17 27	0 37	22 37	0 5	7 44	2 5	16 1	0 46	18 26	1 23	12 59	15 21	10 21	10 15	18 13		n.a.
F 4	11 58	19 14	4 30	20 6	1 52	11 39	0 25	17 41	0 37	22 36	0 5	7 46	2 5	16 0	0 46	18 26	1 23	12 58	15 21	10 21	10 14	18 12		n.a.
S 5	12 19	18 29	5 3	20 6	1 43	12 7	0 22	17 55	0 38	22 36	0 5	7 49	2 5	16 0	0 46	18 25	1 23	12 57	15 21	10 20	10 12	18 11		n.a.
S 6	12 41	16 34	5 17	20 3	1 33	12 36	0 20	18 8	0 38	22 35	0 4	7 51	2 5	15 59	0 46	18 25	1 23	12 57	15 22	10 20	10 11	18 10		n.a.
M 7	13 2	13 40	5 11	19 55	1 21	13 4	0 18	18 22	0 39	22 35	0 4	7 54	2 4	15 59	0 46	18 25	1 23	12 56	15 22	10 20	10 10	18 9		n.a.
T 8	13 23	10 2	4 47	19 44	1 7	13 32	0 16	18 35	0 39	22 34	0 4	7 57	2 4	15 58	0 46	18 24	1 23	12 55	15 22	10 20	10 9	18 9		n.a.
W 9	13 43	5 53	4 7	19 28	0 52	13 59	0 13	18 49	0 40	22 34	0 4	7 59	2 4	15 58	0 46	18 24	1 23	12 55	15 22	10 21	10 8	18 8		n.a.
T 10	14 4	1 29	3 13	19 8	0 36	14 26	0 11	19 2	0 41	22 33	0 4	8 2	2 4	15 58	0 46	18 24	1 23	12 54	15 23	10 21	10 7	18 7		n.a.
F 11	14 24	2n56	2 9	18 44	0 18	14 53	0 9	19 15	0 41	22 33	0 4	8 4	2 4	15 57	0 46	18 23	1 23	12 53	15 23	10 21	10 5	18 6		n.a.
S 12	14 44	7 9	1 0	18 16	0n 0	15 19	0 6	19 27	0 42	22 32	0 4	8 7	2 5	15 57	0 46	18 23	1 23	12 53	15 23	10 22	10 4	18 5		n.a.
S 13	15 4	10 58	0s12	17 43	0 20	15 45	0 4	19 40	0 42	22 31	0 3	8 9	2 5	15 56	0 46	18 22	1 23	12 52	15 23	10 22	10 3	18 4		n.a.
M14	15 24	14 12	1 22	17 7	0 40	16 10	0 1	19 52	0 43	22 31	0 3	8 12	2 5	15 56	0 46	18 22	1 23	12 52	15 24	10 21	10 2	18 3		n.a.
T 15	15 43	16 42	2 26	16 28	1 1	16 35	0s 1	20 4	0 43	22 30	0 3	8 14	2 5	15 56	0 46	18 22	1 23	12 51	15 24	10 21	10 1	18 3		n.a.
W16	16 2	18 23	3 23	15 47	1 21	17 0	0 3	20 16	0 44	22 29	0 3	8 17	2 5	15 55	0 46	18 21	1 23	12 51	15 24	10 20	9 59	18 2		n.a.
T 17	16 20	19 11	4 9	15 5	1 40	17 24	0 6	20 28	0 44	22 28	0 3	8 19	2 5	15 55	0 46	18 21	1 23	12 50	15 24	10 19	9 58	18 1		n.a.
F 18	16 39	19 7	4 44	14 23	1 58	17 48	0 8	20 39	0 45	22 28	0 3	8 22	2 5	15 55	0 46	18 21	1 23	12 50	15 25	10 18	9 57	18 0		n.a.
S 19	16 57	18 11	5 6	13 43	2 14	18 11	0 10	20 50	0 45	22 27	0 3	8 24	2 5	15 54	0 46	18 20	1 23	12 49	15 25	10 17	9 56	17 59		n.a.
S 20	17 15	16 28	5 15	13 6	2 28	18 34	0 13	21 1	0 46	22 26	0 2	8 27	2 5	15 54	0 46	18 20	1 23	12 49	15 25	10 16	9 55	17 58		n.a.
M21	17 32	14 3	5 10	12 32	2 40	18 56	0 15	21 12	0 46	22 25	0 2	8 29	2 5	15 54	0 46	18 19	1 23	12 48	15 26	10 15	9 54	17 57		n.a.
T 22	17 49	11 2	4 52	12 3	2 50	19 17	0 17	21 23	0 47	22 24	0 2	8 31	2 5	15 54	0 46	18 19	1 23	12 48	15 26	10 15	9 52	17 56		n.a.
W23	18 6	7 31	4 21	11 38	2 57	19 39	0 20	21 33	0 47	22 24	0 2	8 34	2 5	15 53	0 47	18 19	1 23	12 47	15 26	10 15	9 51	17 55		n.a.
T 24	18 23	3 36	3 37	11 19	3 2	19 59	0 22	21 43	0 48	22 23	0 2	8 36	2 5	15 53	0 47	18 18	1 23	12 47	15 27	10 16	9 50	17 55		n.a.
F 25	18 39	0s34	2 42	11 5	3 5	20 19	0 24	21 53	0 48	22 22	0 2	8 38	2 5	15 53	0 47	18 18	1 23	12 46	15 27	10 16	9 49	17 54		n.a.
S 26	18 55	4 51	1 36	10 56	3 6	20 39	0 27	22 3	0 49	22 21	0 1	8 41	2 5	15 53	0 47	18 17	1 23	12 46	15 27	10 17	9 48	17 53		n.a.
S 27	19 10	9 2	0 24	10 52	3 6	20 57	0 29	22 12	0 49	22 20	0 1	8 43	2 5	15 53	0 47	18 17	1 23	12 46	15 28	10 17	9 46	17 52		n.a.
M28	19 25	12 52	0n53	10 52	3 4	21 16	0 31	22 21	0 50	22 19	0 1	8 45	2 5	15 53	0 47	18 17	1 23	12 45	15 28	10 17	9 45	17 51		n.a.
T 29	19 40	16 2	2 7	10 57	3 1	21 33	0 33	22 30	0 50	22 18	0 1	8 48	2 5	15 53	0 47	18 16	1 23	12 45	15 28	10 16	9 44	17 50		n.a.
W30	19s54	18s15	3n15	11s 5	2n57	21s50	0s36	22s39	0s50	22n17	0s 1	8s50	2n 5	15n53	0n47	18n16	1s23	12n45	15n29	10s15	9s43	17n49		n.a.

Julian Day Number = 1273930.5, Delta T = 08h14m31s
Ecliptic obliquity = 23°50'17, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'07, Lahiri = -20°52'06 Julian Calendar 1 Nov. 1226 BCE == Greg. Calendar 21 Oct. 1226 BCE

The year -1225 astronomical counting style corresponds to year 1226 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1226 BCE
geocentric

DECEMBER 1226 BCE (-1225) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 52 13	28♏25'17	19♐38	6♏42	5♐ 1	7♐40	9°R43	27♎40	19♌45	26°R 6	3♎30	26°R 3	24♎38	16♋ 3	n.a.	T 1
F 2	3 56 10	29°26'34	4♑32	7°10	6°16	8°27	9♊35	27°46	19°46	26♉ 4	3°31	25♎58	24°34	16°10	n.a.	F 2
S 3	4 0 6	0♐27'51	19°20	7°43	7°31	9°15	9°27	27°52	19°46	26° 2	3°33	25°53	24°31	16°16	n.a.	S 3
S 4	4 4 3	1°29'07	3♒56	8°23	8°47	10° 2	9°19	27°58	19°46	26° 0	3°34	25°49	24°28	16°23	n.a.	S 4
M 5	4 7 59	2°30'22	18°16	9° 7	10° 2	10°49	9°11	28° 5	19°46	25°59	3°36	25°47	24°25	16°30	n.a.	M 5
T 6	4 11 56	3°31'36	2♓16	9°56	11°17	11°36	9° 3	28°11	19°R46	25°57	3°37	25°D46	24°22	16°36	n.a.	T 6
W 7	4 15 53	4°32'49	15°56	10°49	12°33	12°23	8°55	28°17	19°46	25°55	3°39	25°46	24°19	16°43	n.a.	W 7
T 8	4 19 49	5°34'01	29°17	11°46	13°48	13°11	8°47	28°23	19°46	25°54	3°40	25°48	24°15	16°50	n.a.	T 8
F 9	4 23 46	6°35'13	12♈22	12°45	15° 3	13°58	8°39	28°29	19°46	25°52	3°42	25°49	24°12	16°57	n.a.	F 9
S 10	4 27 42	7°36'23	25°11	13°48	16°18	14°45	8°31	28°35	19°46	25°50	3°43	25°R50	24° 9	17° 3	n.a.	S 10
S 11	4 31 39	8°37'32	7♉49	14°53	17°34	15°32	8°23	28°41	19°46	25°49	3°44	25°49	24° 6	17°10	n.a.	S 11
M12	4 35 35	9°38'41	20°16	16° 1	18°49	16°20	8°15	28°47	19°45	25°47	3°46	25°46	24° 3	17°17	n.a.	M12
T 13	4 39 32	10°39'48	2♊34	17°11	20° 4	17° 7	8° 7	28°52	19°45	25°45	3°47	25°41	24° 0	17°24	n.a.	T 13
W14	4 43 28	11°40'55	14°44	18°23	21°19	17°54	7°59	28°58	19°45	25°44	3°48	25°34	23°56	17°30	n.a.	W14
T 15	4 47 25	12°42'00	26°47	19°36	22°34	18°42	7°51	29° 4	19°44	25°42	3°49	25°25	23°53	17°37	n.a.	T 15
F 16	4 51 22	13°43'05	8♋45	20°52	23°49	19°29	7°43	29°10	19°44	25°41	3°51	25°15	23°50	17°44	n.a.	F 16
S 17	4 55 18	14°44'09	20°39	22° 8	25° 5	20°16	7°35	29°15	19°43	25°39	3°52	25° 5	23°47	17°50	n.a.	S 17
S 18	4 59 15	15°45'12	2♌30	23°26	26°20	21° 4	7°27	29°21	19°42	25°37	3°53	24°56	23°44	17°57	n.a.	S 18
M19	5 3 11	16°46'14	14°22	24°46	27°35	21°51	7°19	29°26	19°42	25°36	3°54	24°49	23°40	18° 4	n.a.	M19
T 20	5 7 8	17°47'15	26°19	26° 7	28°50	22°38	7°11	29°32	19°41	25°34	3°55	24°44	23°37	18°11	n.a.	T 20
W21	5 11 4	18°48'16	8♍24	27°28	0♎ 5	23°26	7° 3	29°37	19°40	25°33	3°56	24°41	23°34	18°17	n.a.	W21
T 22	5 15 1	19°49'15	20°42	28°51	1°20	24°13	6°56	29°42	19°39	25°31	3°57	24°D41	23°31	18°24	n.a.	T 22
F 23	5 18 58	20°50'13	3♎18	0♐15	2°35	25° 0	6°48	29°48	19°38	25°30	3°58	24°41	23°28	18°31	n.a.	F 23
S 24	5 22 54	21°51'11	16°17	1°40	3°50	25°48	6°40	29°53	19°38	25°28	3°59	24°42	23°25	18°38	n.a.	S 24
S 25	5 26 51	22°52'07	29°43	3° 6	5° 5	26°35	6°33	29°58	19°37	25°27	4° 0	24°R42	23°21	18°44	n.a.	S 25
M26	5 30 47	23°53'03	13♏38	4°32	6°20	27°23	6°25	0♏ 3	19°35	25°25	4° 0	24°41	23°18	18°51	n.a.	M26
T 27	5 34 44	24°53'57	28° 1	6° 0	7°35	28°10	6°18	0° 8	19°34	25°24	4° 1	24°37	23°15	18°58	n.a.	T 27
W28	5 38 40	25°54'50	12♐50	7°28	8°50	28°57	6°11	0°13	19°33	25°22	4° 2	24°30	23°12	19° 4	n.a.	W28
T 29	5 42 37	26°55'42	27°57	8°58	10° 5	29°45	6° 4	0°18	19°32	25°21	4° 3	24°21	23° 9	19°11	n.a.	T 29
F 30	5 46 33	27°56'33	13♑12	10°28	11°20	0♑32	5°57	0°22	19°31	25°20	4° 3	24°11	23° 6	19°18	n.a.	F 30
S 31	5 50 30	28♐57'22	28♑25	11♐59	12♑35	1♑19	5♊50	0♏27	19♌30	25♉18	4♎ 4	24♎ 1	23♎ 2	19♋25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20s 8	19s15	4n11	11s17	2n52	22s 7	0s38	22s47	0s51	22n16	0s 1	8s52	2n 5	15n52	0n47	18n15	1s23	12n44	15n29	10s14	9s42	17n48			n.a.
F 2	20 22	18 56	4 50	11 31	2 46	22 22	0 40	22 56	0 51	22 15	0 1	8 54	2 5	15 52	0 47	18 15	1 23	12 44	15 30	10 12	9 41	17 47			n.a.
S 3	20 35	17 19	5 9	11 48	2 39	22 37	0 42	23 3	0 52	22 14	0 0	8 57	2 5	15 52	0 47	18 15	1 23	12 44	15 30	10 10	9 39	17 46			n.a.
S 4	20 48	14 36	5 8	12 8	2 32	22 52	0 44	23 11	0 52	22 13	0 0	8 59	2 5	15 52	0 47	18 14	1 23	12 43	15 30	10 8	9 38	17 45			n.a.
M 5	21 0	11 3	4 48	12 29	2 25	23 5	0 46	23 18	0 53	22 12	0 0	9 1	2 5	15 52	0 47	18 14	1 23	12 43	15 31	10 7	9 37	17 44			n.a.
T 6	21 13	6 57	4 11	12 52	2 17	23 18	0 48	23 26	0 53	22 11	0n 0	9 3	2 6	15 52	0 47	18 13	1 23	12 43	15 31	10 7	9 36	17 44			n.a.
W 7	21 24	2 34	3 20	13 16	2 9	23 31	0 50	23 32	0 53	22 9	0 0	9 5	2 6	15 53	0 47	18 13	1 23	12 43	15 32	10 7	9 35	17 43			n.a.
T 8	21 35	1n50	2 19	13 42	2 1	23 42	0 52	23 39	0 54	22 8	0 0	9 7	2 6	15 53	0 47	18 13	1 23	12 43	15 32	10 8	9 33	17 42			n.a.
F 9	21 46	6 4	1 13	14 8	1 53	23 53	0 54	23 45	0 54	22 7	0 1	9 9	2 6	15 53	0 47	18 12	1 23	12 42	15 32	10 8	9 32	17 41			n.a.
S 10	21 57	9 58	0 3	14 35	1 44	24 3	0 56	23 51	0 55	22 6	0 1	9 12	2 6	15 53	0 47	18 12	1 23	12 42	15 33	10 9	9 31	17 40			n.a.
S 11	22 6	13 20	1s 5	15 3	1 36	24 12	0 58	23 57	0 55	22 5	0 1	9 14	2 6	15 53	0 47	18 12	1 23	12 42	15 33	10 8	9 30	17 39			n.a.
M12	22 16	16 3	2 8	15 31	1 27	24 21	1 0	24 2	0 55	22 4	0 1	9 16	2 6	15 53	0 47	18 11	1 23	12 42	15 34	10 7	9 29	17 38			n.a.
T 13	22 25	18 0	3 5	16 0	1 18	24 29	1 2	24 8	0 56	22 3	0 1	9 18	2 6	15 53	0 47	18 11	1 23	12 42	15 34	10 5	9 28	17 37			n.a.
W14	22 34	19 5	3 53	16 28	1 10	24 36	1 3	24 12	0 56	22 1	0 1	9 20	2 6	15 53	0 47	18 10	1 23	12 42	15 35	10 3	9 26	17 36			n.a.
T 15	22 42	19 18	4 30	16 57	1 1	24 42	1 5	24 17	0 56	22 0	0 1	9 21	2 6	15 54	0 48	18 10	1 23	12 42	15 35	9 59	9 25	17 35			n.a.
F 16	22 50	18 39	4 54	17 25	0 53	24 48	1 7	24 21	0 57	21 59	0 2	9 23	2 6	15 54	0 48	18 10	1 23	12 42	15 36	9 56	9 24	17 34			n.a.
S 17	22 57	17 11	5 5	17 54	0 44	24 53	1 8	24 25	0 57	21 58	0 2	9 25	2 7	15 54	0 48	18 9	1 23	12 42	15 36	9 52	9 23	17 33			n.a.
S 18	23 4	15 0	5 4	18 22	0 36	24 57	1 10	24 29	0 58	21 57	0 2	9 27	2 7	15 54	0 48	18 9	1 23	12 42	15 36	9 49	9 22	17 32			n.a.
M19	23 10	12 11	4 49	18 50	0 28	25 0	1 11	24 33	0 58	21 56	0 2	9 29	2 7	15 54	0 48	18 9	1 23	12 42	15 37	9 46	9 20	17 31			n.a.
T 20	23 16	8 52	4 22	19 17	0 20	25 3	1 13	24 36	0 58	21 54	0 2	9 31	2 7	15 55	0 48	18 8	1 22	12 42	15 37	9 44	9 19	17 30			n.a.
W21	23 21	5 8	3 42	19 44	0 12	25 4	1 14	24 39	0 59	21 53	0 2	9 33	2 7	15 55	0 48	18 8	1 22	12 42	15 38	9 43	9 18	17 29			n.a.
T 22	23 26	1 7	2 52	20 10	0 4	25 5	1 16	24 41	0 59	21 52	0 3	9 34	2 7	15 55	0 48	18 8	1 22	12 42	15 38	9 43	9 17	17 28			n.a.
F 23	23 31	3s 3	1 52	20 36	0s 4	25 6	1 17	24 44	0 59	21 51	0 3	9 36	2 7	15 56	0 48	18 7	1 22	12 42	15 39	9 43	9 16	17 27			n.a.
S 24	23 35	7 12	0 45	21 1	0 11	25 5	1 18	24 46	0 59	21 50	0 3	9 38	2 7	15 56	0 48	18 7	1 22	12 42	15 39	9 43	9 14	17 26			n.a.
S 25	23 38	11 8	0n27	21 26	0 19	25 4	1 19	24 47	1 0	21 49	0 3	9 40	2 7	15 56	0 48	18 7	1 22	12 42	15 40	9 44	9 13	17 25			n.a.
M26	23 42	14 37	1 39	21 50	0 26	25 1	1 20	24 49	1 0	21 48	0 3	9 41	2 8	15 57	0 48	18 6	1 22	12 42	15 40	9 43	9 12	17 24			n.a.
T 27	23 44	17 19	2 48	22 13	0 33	24 58	1 22	24 50	1 0	21 46	0 3	9 43	2 8	15 57	0 48	18 6	1 22	12 42	15 41	9 41	9 11	17 23			n.a.
W28	23 46	18 57	3 47	22 34	0 40	24 55	1 23	24 51	1 1	21 45	0 3	9 45	2 8	15 58	0 48	18 6	1 22	12 42	15 41	9 39	9 10	17 22			n.a.
T 29	23 48	19 17	4 32	22 56	0 46	24 50	1 24	24 51	1 1	21 44	0 4	9 46	2 8	15 58	0 48	18 5	1 22	12 42	15 42	9 36	9 8	17 21			n.a.
F 30	23 49	18 14	4 58	23 16	0 53	24 45	1 24	24 51	1 1	21 43	0 4	9 48	2 8	15 58	0 48	18 5	1 22	12 43	15 42	9 32	9 7	17 20			n.a.
S 31	23s50	15s53	5n 2	23s35	0s59	24s39	1s25	24s51	1s 1	21n42	0n 4	9s49	2n 8	15n59	0n48	18n 5	1s22	12n43	15n43	9s28	9s 6	17n19			n.a.

Julian Day Number = 1273960.5, Delta T = 08h14m29s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°59'03, Lahiri = -20°52'02 Julian Calendar 1 Dec. 1226 BCE == Greg. Calendar 20 Nov. 1226 BCE

The year -1225 astronomical counting style corresponds to year 1226 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1225 BCE
geocentric

JANUARY 1225 BCE (-1224) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 54 27	29♐58'09	13♒24	13♐30	13♑50	2♑ 7	5°R43	0♏32	19°R28	25°R17	4♎ 5	23°R53	22♎59	19♋31	n.a.	S 1
M 2	5 58 23	0♑58'54	28° 1	15° 3	15° 5	2°54	5♊36	0°36	19♌27	25♉16	4° 5	23♎46	22°56	19°38	n.a.	M 2
T 3	6 2 20	1°59'38	12♓13	16°36	16°20	3°42	5°30	0°41	19°25	25°14	4° 6	23°42	22°53	19°45	n.a.	T 3
W 4	6 6 16	3° 0'19	25°59	18°10	17°35	4°29	5°23	0°45	19°24	25°13	4° 6	23°41	22°50	19°52	n.a.	W 4
T 5	6 10 13	4° 0'59	9♈18	19°45	18°49	5°16	5°17	0°50	19°22	25°12	4° 7	23°D41	22°46	19°58	n.a.	T 5
F 6	6 14 9	5° 1'37	22°16	21°21	20° 4	6° 4	5°11	0°54	19°21	25°10	4° 7	23°R41	22°43	20° 5	n.a.	F 6
S 7	6 18 6	6° 2'13	4♉54	22°58	21°19	6°51	5° 5	0°58	19°19	25° 9	4° 8	23°40	22°40	20°12	n.a.	S 7
S 8	6 22 2	7° 2'47	17°19	24°35	22°34	7°38	4°59	1° 2	19°17	25° 8	4° 8	23°38	22°37	20°18	n.a.	S 8
M 9	6 25 59	8° 3'19	29°32	26°14	23°48	8°26	4°53	1° 6	19°16	25° 7	4° 8	23°33	22°34	20°25	n.a.	M 9
T 10	6 29 56	9° 3'49	11♊38	27°53	25° 3	9°13	4°48	1°10	19°14	25° 6	4° 9	23°25	22°31	20°32	n.a.	T 10
W11	6 33 52	10° 4'17	23°38	29°33	26°18	10° 0	4°42	1°14	19°12	25° 5	4° 9	23°14	22°27	20°39	n.a.	W11
T 12	6 37 49	11° 4'44	5♋34	1♑14	27°32	10°47	4°37	1°18	19°10	25° 4	4° 9	23° 1	22°24	20°45	n.a.	T 12
F 13	6 41 45	12° 5'08	17°28	2°56	28°47	11°35	4°32	1°22	19° 9	25° 3	4° 9	22°46	22°21	20°52	n.a.	F 13
S 14	6 45 42	13° 5'31	29°21	4°39	0♒ 2	12°22	4°27	1°25	19° 7	25° 1	4°10	22°32	22°18	20°59	n.a.	S 14
S 15	6 49 38	14° 5'52	11♌13	6°23	1°16	13° 9	4°22	1°29	19° 5	25° 0	4°10	22°18	22°15	21° 5	n.a.	S 15
M16	6 53 35	15° 6'11	23° 8	8° 8	2°31	13°56	4°18	1°32	19° 3	25° 0	4°10	22° 7	22°12	21°12	n.a.	M16
T 17	6 57 31	16° 6'29	5♍ 7	9°54	3°45	14°44	4°13	1°36	19° 1	24°59	4°10	21°58	22° 8	21°19	n.a.	T 17
W18	7 1 28	17° 6'44	17°13	11°41	5° 0	15°31	4° 9	1°39	18°59	24°58	4°R10	21°53	22° 5	21°26	n.a.	W18
T 19	7 5 25	18° 6'58	29°31	13°29	6°14	16°18	4° 5	1°42	18°57	24°57	4°10	21°50	22° 2	21°32	n.a.	T 19
F 20	7 9 21	19° 7'11	12♎ 3	15°18	7°29	17° 5	4° 1	1°45	18°54	24°56	4°10	21°49	21°59	21°39	n.a.	F 20
S 21	7 13 18	20° 7'21	24°56	17° 8	8°43	17°52	3°57	1°48	18°52	24°55	4°10	21°49	21°56	21°46	n.a.	S 21
S 22	7 17 14	21° 7'30	8♏13	18°58	9°57	18°39	3°54	1°51	18°50	24°54	4° 9	21°48	21°52	21°53	n.a.	S 22
M23	7 21 11	22° 7'38	21°58	20°50	11°12	19°26	3°50	1°54	18°48	24°53	4° 9	21°46	21°49	21°59	n.a.	M23
T 24	7 25 7	23° 7'43	6♐13	22°43	12°26	20°13	3°47	1°57	18°46	24°53	4° 9	21°42	21°46	22° 6	n.a.	T 24
W25	7 29 4	24° 7'47	20°55	24°37	13°40	21° 1	3°44	1°59	18°43	24°52	4° 9	21°34	21°43	22°13	n.a.	W25
T 26	7 33 0	25° 7'49	6♑ 0	26°31	14°55	21°48	3°41	2° 2	18°41	24°51	4° 9	21°24	21°40	22°19	n.a.	T 26
F 27	7 36 57	26° 7'49	21°19	28°27	16° 9	22°35	3°39	2° 5	18°39	24°51	4° 8	21°13	21°37	22°26	n.a.	F 27
S 28	7 40 54	27° 7'47	6♒40	0♒23	17°23	23°22	3°36	2° 7	18°37	24°50	4° 8	21° 2	21°33	22°33	n.a.	S 28
S 29	7 44 50	28° 7'43	21°51	2°19	18°37	24° 9	3°34	2° 9	18°34	24°49	4° 8	20°52	21°30	22°40	n.a.	S 29
M30	7 48 47	29° 7'36	6♓43	4°17	19°51	24°55	3°32	2°11	18°32	24°49	4° 7	20°44	21°27	22°46	n.a.	M30
T 31	7 52 43	0♒ 7'28	21♓ 9	6♒14	21♒ 5	25♑42	3♊30	2♏14	18♌29	24♉48	4♎ 7	20♎38	21♎24	22♋53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s50	12s31	4n46	23s53	1s 5	24s32	1s26	24s51	1s 2	21n41	0n 4	9s51	2n 8	15n59	0n48	18n 4	1s22	12n43	15n43	9s25	9s 5	17n18			n.a.
M 2	23 50	8 26	4 11	24 9	1 11	24 24	1 27	24 50	1 2	21 40	0 4	9 52	2 8	16 0	0 48	18 4	1 22	12 43	15 44	9 23	9 4	17 17			n.a.
T 3	23 49	3 59	3 22	24 25	1 16	24 16	1 27	24 49	1 2	21 39	0 4	9 54	2 9	16 0	0 48	18 4	1 22	12 43	15 44	9 21	9 2	17 16			n.a.
W 4	23 48	0n32	2 22	24 39	1 21	24 7	1 28	24 48	1 2	21 38	0 4	9 55	2 9	16 1	0 48	18 4	1 22	12 44	15 45	9 20	9 1	17 15			n.a.
T 5	23 47	4 54	1 16	24 52	1 26	23 57	1 29	24 46	1 3	21 37	0 5	9 57	2 9	16 1	0 48	18 3	1 22	12 44	15 45	9 20	9 0	17 14			n.a.
F 6	23 44	8 55	0 8	25 4	1 31	23 47	1 29	24 44	1 3	21 36	0 5	9 58	2 9	16 2	0 48	18 3	1 22	12 44	15 46	9 21	8 59	17 13			n.a.
S 7	23 42	12 27	0s59	25 14	1 35	23 35	1 29	24 42	1 3	21 35	0 5	9 59	2 9	16 2	0 48	18 3	1 22	12 44	15 46	9 20	8 58	17 12			n.a.
S 8	23 39	15 20	2 2	25 23	1 39	23 23	1 30	24 40	1 3	21 34	0 5	10 1	2 9	16 3	0 48	18 3	1 22	12 45	15 47	9 19	8 56	17 11			n.a.
M 9	23 35	17 30	2 58	25 30	1 43	23 11	1 30	24 37	1 3	21 33	0 5	10 2	2 9	16 4	0 49	18 2	1 22	12 45	15 47	9 18	8 55	17 10			n.a.
T 10	23 31	18 50	3 45	25 36	1 47	22 57	1 30	24 34	1 4	21 32	0 5	10 3	2 10	16 4	0 49	18 2	1 22	12 45	15 48	9 14	8 54	17 9			n.a.
W11	23 27	19 20	4 21	25 40	1 50	22 43	1 30	24 31	1 4	21 31	0 5	10 4	2 10	16 5	0 49	18 2	1 22	12 46	15 48	9 10	8 53	17 8			n.a.
T 12	23 22	18 57	4 46	25 42	1 52	22 29	1 30	24 27	1 4	21 30	0 6	10 6	2 10	16 5	0 49	18 2	1 22	12 46	15 49	9 5	8 52	17 7			n.a.
F 13	23 17	17 45	4 58	25 43	1 55	22 13	1 30	24 23	1 4	21 30	0 6	10 7	2 10	16 6	0 49	18 1	1 22	12 47	15 49	9 0	8 50	17 6			n.a.
S 14	23 11	15 47	4 58	25 42	1 57	21 57	1 30	24 19	1 4	21 29	0 6	10 8	2 10	16 7	0 49	18 1	1 22	12 47	15 49	8 54	8 49	17 5			n.a.
S 15	23 5	13 9	4 44	25 39	1 58	21 41	1 30	24 15	1 4	21 28	0 6	10 9	2 10	16 7	0 49	18 1	1 22	12 47	15 50	8 49	8 48	17 4			n.a.
M16	22 58	9 59	4 18	25 34	2 0	21 23	1 30	24 10	1 5	21 27	0 6	10 10	2 11	16 8	0 49	18 1	1 21	12 48	15 50	8 45	8 47	17 3			n.a.
T 17	22 51	6 23	3 40	25 28	2 0	21 5	1 30	24 5	1 5	21 27	0 6	10 11	2 11	16 9	0 49	18 1	1 21	12 48	15 51	8 42	8 46	17 2			n.a.
W18	22 43	2 30	2 52	25 19	2 1	20 47	1 29	23 59	1 5	21 26	0 6	10 12	2 11	16 9	0 49	18 1	1 21	12 49	15 51	8 40	8 44	17 1			n.a.
T 19	22 35	1s33	1 55	25 8	2 1	20 28	1 29	23 54	1 5	21 25	0 7	10 13	2 11	16 10	0 49	18 0	1 21	12 49	15 52	8 39	8 43	17 0			n.a.
F 20	22 27	5 38	0 51	24 56	2 0	20 8	1 29	23 48	1 5	21 25	0 7	10 14	2 11	16 11	0 49	18 0	1 21	12 49	15 52	8 38	8 42	16 59			n.a.
S 21	22 18	9 33	0n17	24 41	1 59	19 48	1 28	23 42	1 5	21 24	0 7	10 15	2 11	16 11	0 49	18 0	1 21	12 50	15 53	8 38	8 41	16 58			n.a.
S 22	22 9	13 8	1 26	24 24	1 57	19 27	1 27	23 35	1 5	21 24	0 7	10 16	2 12	16 12	0 49	18 0	1 21	12 50	15 53	8 38	8 40	16 57			n.a.
M23	21 59	16 7	2 32	24 5	1 55	19 6	1 27	23 29	1 5	21 23	0 7	10 17	2 12	16 13	0 49	18 0	1 21	12 51	15 54	8 37	8 38	16 56			n.a.
T 24	21 49	18 14	3 31	23 44	1 53	18 44	1 26	23 22	1 5	21 23	0 7	10 17	2 12	16 13	0 49	18 0	1 21	12 51	15 54	8 35	8 37	16 55			n.a.
W25	21 39	19 13	4 19	23 21	1 49	18 21	1 25	23 15	1 6	21 22	0 7	10 18	2 12	16 14	0 49	17 59	1 21	12 52	15 55	8 33	8 36	16 54			n.a.
T 26	21 28	18 53	4 50	22 55	1 45	17 58	1 24	23 7	1 6	21 22	0 7	10 19	2 12	16 15	0 49	17 59	1 21	12 53	15 55	8 29	8 35	16 53			n.a.
F 27	21 16	17 11	5 0	22 28	1 41	17 35	1 23	22 59	1 6	21 21	0 8	10 20	2 12	16 16	0 49	17 59	1 21	12 53	15 56	8 25	8 34	16 52			n.a.
S 28	21 5	14 15	4 49	21 58	1 36	17 11	1 22	22 51	1 6	21 21	0 8	10 20	2 13	16 16	0 49	17 59	1 21	12 54	15 56	8 20	8 32	16 50			n.a.
S 29	20 53	10 23	4 18	21 26	1 30	16 47	1 21	22 43	1 6	21 21	0 8	10 21	2 13	16 17	0 49	17 59	1 21	12 54	15 57	8 16	8 31	16 49			n.a.
M30	20 40	5 57	3 30	20 52	1 24	16 22	1 20	22 35	1 6	21 20	0 8	10 21	2 13	16 18	0 49	17 59	1 21	12 55	15 57	8 13	8 30	16 48			n.a.
T 31	20s28	1s17	2n29	20s16	1s17	15s57	1s19	22s26	1s 6	21n20	0n 8	10s22	2n13	16n19	0n49	17n59	1s21	12n55	15n58	8s11	8s29	16n47			n.a.

Julian Day Number = 1273991.5, Delta T = 08h14m28s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'59, Lahiri = -20°51'58 Julian Calendar 1 Jan. 1225 BCE == Greg. Calendar 21 Dec. 1226 BCE

The year -1224 astronomical counting style corresponds to year 1225 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1225 BCE
geocentric

FEBRUARY 1225 BCE (-1224) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 56 40	1♒ 7'16	5♈ 5	8♒12	22♒20	26♉29	3°R28	2♏16	18°R27	24°R48	4°R 6	20°R36	21♎21	23♋ 0	n.a.	W 1
T 2	8 0 36	2° 7'03	18°32	10° 9	23°34	27°16	3♊27	2°18	18♌24	24♉47	4♎ 6	20°D35	21°18	23° 7	n.a.	T 2
F 3	8 4 33	3° 6'47	1♉33	12° 7	24°48	28° 3	3°26	2°19	18°22	24°47	4° 5	20°R35	21°14	23°13	n.a.	F 3
S 4	8 8 29	4° 6'28	14°12	14° 4	26° 2	28°50	3°25	2°21	18°20	24°47	4° 5	20♎35	21°11	23°20	n.a.	S 4
S 5	8 12 26	5° 6'07	26°33	16° 0	27°16	29°36	3°24	2°23	18°17	24°46	4° 4	20°33	21° 8	23°27	n.a.	S 5
M 6	8 16 22	6° 5'44	8♊41	17°54	28°29	0♒23	3°23	2°24	18°15	24°46	4° 3	20°29	21° 5	23°33	n.a.	M 6
T 7	8 20 19	7° 5'19	20°41	19°47	29°43	1°10	3°23	2°26	18°12	24°46	4° 3	20°21	21° 2	23°40	n.a.	T 7
W 8	8 24 16	8° 4'51	2♋35	21°38	0♓57	1°57	3°22	2°27	18° 9	24°45	4° 2	20°12	20°58	23°47	n.a.	W 8
T 9	8 28 12	9° 4'20	14°27	23°27	2°11	2°43	3°D22	2°28	18° 7	24°45	4° 1	20° 0	20°55	23°54	n.a.	T 9
F 10	8 32 9	10° 3'48	26°20	25°12	3°25	3°30	3°22	2°30	18° 4	24°45	4° 0	19°47	20°52	24° 0	n.a.	F 10
S 11	8 36 5	11° 3'13	8♌13	26°55	4°38	4°16	3°23	2°31	18° 2	24°45	4° 0	19°34	20°49	24° 7	n.a.	S 11
S 12	8 40 2	12° 2'36	20°10	28°33	5°52	5° 3	3°23	2°32	17°59	24°45	3°59	19°21	20°46	24°14	n.a.	S 12
M13	8 43 58	13° 1'56	2♍11	0♓ 7	7° 5	5°49	3°24	2°32	17°57	24°45	3°58	19°11	20°43	24°21	n.a.	M13
T 14	8 47 55	14° 1'15	14°18	1°37	8°19	6°36	3°25	2°33	17°54	24°45	3°57	19° 3	20°39	24°27	n.a.	T 14
W15	8 51 51	15° 0'32	26°32	3° 1	9°33	7°22	3°26	2°34	17°51	24°D44	3°56	18°58	20°36	24°34	n.a.	W15
T 16	8 55 48	15°59'46	8♎56	4°20	10°46	8° 9	3°27	2°34	17°49	24°44	3°55	18°56	20°33	24°41	n.a.	T 16
F 17	8 59 45	16°58'59	21°34	5°33	11°59	8°55	3°28	2°35	17°46	24°45	3°54	18°D55	20°30	24°47	n.a.	F 17
S 18	9 3 41	17°58'09	4♏28	6°40	13°13	9°41	3°30	2°35	17°44	24°45	3°53	18°56	20°27	24°54	n.a.	S 18
S 19	9 7 38	18°57'18	17°43	7°40	14°26	10°28	3°32	2°36	17°41	24°45	3°52	18°R56	20°23	25° 1	n.a.	S 19
M20	9 11 34	19°56'25	1♐20	8°34	15°40	11°14	3°34	2°36	17°38	24°45	3°51	18°56	20°20	25° 8	n.a.	M20
T 21	9 15 31	20°55'30	15°23	9°21	16°53	12° 0	3°36	2°R36	17°36	24°45	3°50	18°53	20°17	25°14	n.a.	T 21
W22	9 19 27	21°54'33	29°50	10° 1	18° 6	12°46	3°38	2°36	17°33	24°45	3°49	18°49	20°14	25°21	n.a.	W22
T 23	9 23 24	22°53'35	14♑39	10°34	19°19	13°32	3°41	2°36	17°31	24°45	3°48	18°42	20°11	25°28	n.a.	T 23
F 24	9 27 20	23°52'34	29°42	11° 0	20°32	14°19	3°44	2°35	17°28	24°46	3°47	18°34	20° 8	25°34	n.a.	F 24
S 25	9 31 17	24°51'31	14♒52	11°18	21°45	15° 5	3°47	2°35	17°25	24°46	3°46	18°25	20° 4	25°41	n.a.	S 25
S 26	9 35 13	25°50'26	29°58	11°30	22°58	15°51	3°50	2°35	17°23	24°46	3°44	18°18	20° 1	25°48	n.a.	S 26
M27	9 39 10	26°49'19	14♓50	11°R34	24°11	16°37	3°53	2°34	17°20	24°47	3°43	18°12	19°58	25°55	n.a.	M27
T 28	9 43 7	27°48'10	29°20	11°32	25°24	17°23	3°56	2°34	17°18	24°47	3°42	18° 8	19°55	26° 1	n.a.	T 28
W29	9 47 3	28♒46'58	13♈23	11♓23	26♓37	18♒ 8	4♊ 0	2♏33	17♌15	24♉48	3♎41	18°D 7	19♎52	26♋ 8	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s14	3n17	1n21	19s38	1s10	15s31	1s18	22s17	1s 6	21n20	0n 8	10s23	2n13	16n20	0n49	17n59	1s21	12n56	15n58	8s10	8s28	16n46		n.a.
T 2	20 1	7 33	0 11	18 59	1 2	15 5	1 16	22 8	1 6	21 20	0 8	10 23	2 13	16 20	0 49	17 59	1 21	12 57	15 58	8 10	8 26	16 45		n.a.
F 3	19 47	11 19	0s58	18 17	0 53	14 39	1 15	21 58	1 6	21 20	0 8	10 24	2 14	16 21	0 49	17 59	1 21	12 57	15 59	8 10	8 25	16 44		n.a.
S 4	19 33	14 26	2 2	17 34	0 43	14 12	1 14	21 49	1 6	21 20	0 9	10 24	2 14	16 22	0 49	17 59	1 20	12 58	15 59	8 10	8 24	16 43		n.a.
S 5	19 18	16 49	2 58	16 50	0 33	13 45	1 12	21 39	1 6	21 19	0 9	10 24	2 14	16 23	0 49	17 59	1 20	12 58	16 0	8 9	8 23	16 42		n.a.
M 6	19 4	18 24	3 46	16 4	0 22	13 18	1 10	21 29	1 6	21 19	0 9	10 25	2 14	16 24	0 49	17 59	1 20	12 59	16 0	8 8	8 21	16 41		n.a.
T 7	18 48	19 9	4 22	15 18	0 11	12 50	1 9	21 18	1 6	21 19	0 9	10 25	2 14	16 24	0 49	17 59	1 20	13 0	16 1	8 5	8 20	16 40		n.a.
W 8	18 33	19 1	4 47	14 31	0n 1	12 22	1 7	21 8	1 6	21 20	0 9	10 25	2 15	16 25	0 49	17 59	1 20	13 0	16 1	8 1	8 19	16 39		n.a.
T 9	18 17	18 4	5 0	13 44	0 13	11 53	1 5	20 57	1 6	21 20	0 9	10 26	2 15	16 26	0 49	17 59	1 20	13 1	16 1	7 57	8 18	16 37		n.a.
F 10	18 1	16 20	4 59	12 56	0 25	11 24	1 3	20 46	1 6	21 20	0 9	10 26	2 15	16 27	0 49	17 59	1 20	13 2	16 2	7 52	8 17	16 36		n.a.
S 11	17 45	13 55	4 46	12 9	0 38	10 55	1 2	20 35	1 6	21 20	0 9	10 26	2 15	16 28	0 49	17 59	1 20	13 2	16 2	7 47	8 15	16 35		n.a.
S 12	17 28	10 54	4 19	11 22	0 51	10 26	1 0	20 23	1 6	21 20	0 9	10 26	2 15	16 28	0 49	17 59	1 20	13 3	16 3	7 42	8 14	16 34		n.a.
M13	17 11	7 26	3 42	10 37	1 4	9 56	0 58	20 11	1 6	21 20	0 10	10 26	2 15	16 29	0 49	17 59	1 20	13 4	16 3	7 38	8 13	16 33		n.a.
T 14	16 54	3 37	2 53	9 52	1 18	9 27	0 56	20 0	1 6	21 21	0 10	10 26	2 16	16 30	0 49	17 59	1 20	13 5	16 3	7 35	8 12	16 32		n.a.
W15	16 36	0s22	1 56	9 9	1 31	8 57	0 53	19 48	1 6	21 21	0 10	10 26	2 16	16 31	0 49	17 59	1 20	13 5	16 4	7 33	8 11	16 31		n.a.
T 16	16 18	4 25	0 53	8 28	1 44	8 26	0 51	19 35	1 6	21 21	0 10	10 27	2 16	16 32	0 49	17 59	1 20	13 6	16 4	7 32	8 9	16 30		n.a.
F 17	16 0	8 20	0n14	7 49	1 57	7 56	0 49	19 23	1 6	21 22	0 10	10 27	2 16	16 33	0 49	17 59	1 20	13 7	16 5	7 32	8 8	16 29		n.a.
S 18	15 42	11 56	1 22	7 13	2 9	7 25	0 47	19 10	1 5	21 22	0 10	10 26	2 16	16 33	0 49	17 59	1 20	13 7	16 5	7 32	8 7	16 27		n.a.
S 19	15 23	15 2	2 28	6 39	2 21	6 54	0 45	18 57	1 5	21 23	0 10	10 26	2 17	16 34	0 49	17 59	1 20	13 8	16 5	7 32	8 6	16 26		n.a.
M20	15 5	17 24	3 27	6 8	2 33	6 23	0 42	18 44	1 5	21 23	0 10	10 26	2 17	16 35	0 49	17 59	1 20	13 9	16 6	7 32	8 4	16 25		n.a.
T 21	14 46	18 48	4 15	5 41	2 43	5 52	0 40	18 31	1 5	21 24	0 10	10 26	2 17	16 36	0 49	17 59	1 20	13 10	16 6	7 31	8 3	16 24		n.a.
W22	14 26	19 1	4 49	5 16	2 53	5 21	0 37	18 18	1 5	21 24	0 10	10 26	2 17	16 37	0 49	17 59	1 20	13 10	16 6	7 29	8 2	16 23		n.a.
T 23	14 7	17 58	5 5	4 55	3 3	4 50	0 35	18 4	1 5	21 25	0 11	10 26	2 17	16 37	0 49	17 59	1 19	13 11	16 7	7 27	8 1	16 22		n.a.
F 24	13 47	15 40	5 0	4 38	3 11	4 18	0 32	17 51	1 5	21 25	0 11	10 26	2 17	16 38	0 49	18 0	1 19	13 12	16 7	7 23	8 0	16 21		n.a.
S 25	13 27	12 17	4 34	4 24	3 18	3 47	0 30	17 37	1 5	21 26	0 11	10 25	2 18	16 39	0 49	18 0	1 19	13 13	16 7	7 20	7 58	16 20		n.a.
S 26	13 7	8 6	3 49	4 14	3 24	3 15	0 27	17 23	1 5	21 27	0 11	10 25	2 18	16 40	0 49	18 0	1 19	13 13	16 8	7 17	7 57	16 18		n.a.
M27	12 47	3 29	2 49	4 8	3 28	2 43	0 24	17 8	1 4	21 27	0 11	10 25	2 18	16 41	0 49	18 0	1 19	13 14	16 8	7 15	7 56	16 17		n.a.
T 28	12 26	1n15	1 39	4 6	3 32	2 11	0 22	16 54	1 4	21 28	0 11	10 24	2 18	16 41	0 49	18 0	1 19	13 15	16 8	7 14	7 55	16 16		n.a.
W29	12s 5	5n45	0n25	4s 8	3n33	1s39	0s19	16s40	1s 4	21n29	0n11	10s24	2n18	16n42	0n49	18n 0	1s19	13n16	16n 8	7s13	7s54	16n15		n.a.

Julian Day Number = 1274022.5, Delta T = 08h14m26s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'54, Lahiri = -20°51'54 Julian Calendar 1 Feb. 1225 BCE == Greg. Calendar 21 Jan. 1225 BCE

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ASTRODIENST EPHEMERIS for the year 1225 BCE
geocentric

MARCH 1225 BCE (-1224) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 51 0	29♒45'44	26♈57	11°R 8	27♓50	18♒54	4♊ 4	2°R32	17°R13	24♉48	3°R39	18♎ 7	19♎49	26♋15	n.a.	T 1
F 2	9 54 56	0♓44'28	10♉ 5	10♓47	29° 3	19°40	4° 8	2♏31	17♌10	24°49	3♎38	18° 8	19°45	26°22	n.a.	F 2
S 3	9 58 53	1°43'09	22°49	10°21	0♈16	20°26	4°12	2°30	17° 8	24°49	3°37	18° 9	19°42	26°28	n.a.	S 3
S 4	10 2 49	2°41'48	5♊14	9°51	1°28	21°12	4°16	2°29	17° 5	24°50	3°35	18°R 9	19°39	26°35	n.a.	S 4
M 5	10 6 46	3°40'24	17°23	9°16	2°41	21°57	4°21	2°28	17° 3	24°50	3°34	18° 8	19°36	26°42	n.a.	M 5
T 6	10 10 42	4°38'59	29°22	8°37	3°53	22°43	4°25	2°27	17° 0	24°51	3°33	18° 5	19°33	26°48	n.a.	T 6
W 7	10 14 39	5°37'31	11♋16	7°56	5° 6	23°28	4°30	2°25	16°58	24°52	3°31	18° 0	19°29	26°55	n.a.	W 7
T 8	10 18 35	6°36'00	23° 7	7°14	6°18	24°14	4°35	2°24	16°55	24°52	3°30	17°54	19°26	27° 2	n.a.	T 8
F 9	10 22 32	7°34'28	5♌ 0	6°30	7°31	24°59	4°40	2°22	16°53	24°53	3°28	17°47	19°23	27° 9	n.a.	F 9
S 10	10 26 29	8°32'53	16°57	5°46	8°43	25°45	4°45	2°21	16°51	24°54	3°27	17°39	19°20	27°15	n.a.	S 10
S 11	10 30 25	9°31'16	29° 0	5° 3	9°55	26°30	4°51	2°19	16°48	24°55	3°25	17°33	19°17	27°22	n.a.	S 11
M12	10 34 22	10°29'37	11♍10	4°21	11° 7	27°16	4°56	2°17	16°46	24°56	3°24	17°27	19°14	27°29	n.a.	M12
T 13	10 38 18	11°27'56	23°29	3°42	12°20	28° 1	5° 2	2°15	16°44	24°56	3°22	17°23	19°10	27°36	n.a.	T 13
W14	10 42 15	12°26'13	5♎57	3° 5	13°32	28°46	5° 8	2°13	16°42	24°57	3°21	17°20	19° 7	27°42	n.a.	W14
T 15	10 46 11	13°24'29	18°37	2°31	14°44	29°31	5°14	2°11	16°39	24°58	3°19	17°D20	19° 4	27°49	n.a.	T 15
F 16	10 50 8	14°22'42	1♏29	2° 1	15°56	0♓16	5°20	2° 9	16°37	24°59	3°18	17°21	19° 1	27°56	n.a.	F 16
S 17	10 54 4	15°20'54	14°36	1°36	17° 7	1° 1	5°27	2° 7	16°35	25° 0	3°16	17°22	18°58	28° 2	n.a.	S 17
S 18	10 58 1	16°19'05	27°58	1°15	18°19	1°47	5°33	2° 4	16°33	25° 1	3°14	17°23	18°54	28° 9	n.a.	S 18
M19	11 1 57	17°17'13	11♐37	0°58	19°31	2°32	5°40	2° 2	16°31	25° 2	3°13	17°R24	18°51	28°16	n.a.	M19
T 20	11 5 54	18°15'21	25°34	0°46	20°43	3°16	5°47	2° 0	16°28	25° 3	3°11	17°24	18°48	28°23	n.a.	T 20
W21	11 9 51	19°13'26	9♑49	0°39	21°54	4° 1	5°53	1°57	16°26	25° 4	3°10	17°23	18°45	28°29	n.a.	W21
T 22	11 13 47	20°11'30	24°19	0°D37	23° 6	4°46	6° 1	1°54	16°24	25° 6	3° 8	17°21	18°42	28°36	n.a.	T 22
F 23	11 17 44	21° 9'33	9♒ 0	0°40	24°17	5°31	6° 8	1°52	16°22	25° 7	3° 6	17°17	18°39	28°43	n.a.	F 23
S 24	11 21 40	22° 7'34	23°46	0°48	25°29	6°16	6°15	1°49	16°20	25° 8	3° 5	17°14	18°35	28°49	n.a.	S 24
S 25	11 25 37	23° 5'33	8♓30	1° 0	26°40	7° 1	6°22	1°46	16°19	25° 9	3° 3	17°11	18°32	28°56	n.a.	S 25
M26	11 29 33	24° 3'31	23° 5	1°17	27°51	7°45	6°30	1°43	16°17	25°10	3° 1	17° 8	18°29	29° 3	n.a.	M26
T 27	11 33 30	25° 1'27	7♈24	1°39	29° 3	8°30	6°38	1°40	16°15	25°12	3° 0	17° 7	18°26	29°10	n.a.	T 27
W28	11 37 26	25°59'21	21°22	2° 5	0♉14	9°14	6°46	1°37	16°13	25°13	2°58	17°D 7	18°23	29°16	n.a.	W28
T 29	11 41 23	26°57'14	4♉56	2°35	1°25	9°59	6°54	1°34	16°11	25°14	2°56	17° 7	18°20	29°23	n.a.	T 29
F 30	11 45 20	27°55'04	18° 7	3° 9	2°36	10°43	7° 2	1°31	16° 9	25°16	2°55	17° 9	18°16	29°30	n.a.	F 30
S 31	11 49 16	28♓52'53	0♊55	3♓47	3♉47	11♓28	7♊10	1♏27	16♌ 8	25♉17	2♎53	17♎10	18♎13	29♋37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11s45	9n49	0s48	4s13	3n34	1s 7	0s16	16s25	1s 4	21n30	0n11	10s23	2n18	16n43	0n49	18n 0	1s19	13n16	16n 9	7s13	7s52	16n14			n.a.
F 2	11 24	13 15	1 56	4 22	3 32	0 35	0 13	16 10	1 4	21 31	0 11	10 23	2 19	16 44	0 49	18 1	1 19	13 17	16 9	7 14	7 51	16 13			n.a.
S 3	11 2	15 57	2 56	4 35	3 30	0 3	0 11	15 55	1 4	21 31	0 11	10 22	2 19	16 44	0 49	18 1	1 19	13 18	16 9	7 14	7 50	16 12			n.a.
S 4	10 41	17 49	3 47	4 51	3 25	0n29	0 8	15 40	1 3	21 32	0 12	10 22	2 19	16 45	0 49	18 1	1 19	13 19	16 10	7 14	7 49	16 10			n.a.
M 5	10 20	18 49	4 26	5 10	3 19	1 1	0 5	15 25	1 3	21 33	0 12	10 21	2 19	16 46	0 49	18 1	1 19	13 20	16 10	7 14	7 47	16 9			n.a.
T 6	9 58	18 57	4 53	5 31	3 11	1 32	0 2	15 10	1 3	21 34	0 12	10 21	2 19	16 47	0 49	18 1	1 19	13 20	16 10	7 12	7 46	16 8			n.a.
W 7	9 36	18 15	5 7	5 55	3 2	2 4	0n 1	14 54	1 3	21 35	0 12	10 20	2 19	16 47	0 49	18 2	1 19	13 21	16 10	7 11	7 45	16 7			n.a.
T 8	9 14	16 46	5 8	6 21	2 52	2 36	0 4	14 39	1 3	21 36	0 12	10 19	2 20	16 48	0 49	18 2	1 19	13 22	16 10	7 8	7 44	16 6			n.a.
F 9	8 52	14 33	4 55	6 48	2 40	3 8	0 7	14 23	1 2	21 37	0 12	10 19	2 20	16 49	0 49	18 2	1 19	13 23	16 11	7 5	7 43	16 5			n.a.
S 10	8 30	11 44	4 30	7 16	2 27	3 40	0 10	14 7	1 2	21 38	0 12	10 18	2 20	16 50	0 49	18 2	1 19	13 23	16 11	7 2	7 41	16 3			n.a.
S 11	8 8	8 23	3 52	7 45	2 13	4 11	0 13	13 51	1 2	21 39	0 12	10 17	2 20	16 50	0 49	18 3	1 19	13 24	16 11	7 0	7 40	16 2			n.a.
M12	7 45	4 40	3 4	8 14	1 59	4 43	0 16	13 35	1 2	21 41	0 12	10 17	2 20	16 51	0 49	18 3	1 18	13 25	16 11	6 58	7 39	16 1			n.a.
T 13	7 23	0 42	2 6	8 43	1 43	5 14	0 19	13 19	1 2	21 42	0 12	10 16	2 20	16 52	0 49	18 3	1 18	13 26	16 11	6 56	7 38	16 0			n.a.
W14	7 0	3s21	1 2	9 11	1 28	5 46	0 22	13 3	1 1	21 43	0 12	10 15	2 21	16 52	0 49	18 3	1 18	13 26	16 12	6 55	7 36	15 59			n.a.
T 15	6 38	7 18	0n 7	9 38	1 11	6 17	0 25	12 47	1 1	21 44	0 12	10 14	2 21	16 53	0 49	18 4	1 18	13 27	16 12	6 55	7 35	15 58			n.a.
F 16	6 15	11 0	1 17	10 4	0 55	6 48	0 28	12 30	1 1	21 45	0 13	10 13	2 21	16 54	0 49	18 4	1 18	13 28	16 12	6 55	7 34	15 56			n.a.
S 17	5 52	14 12	2 24	10 29	0 39	7 19	0 31	12 14	1 1	21 47	0 13	10 12	2 21	16 54	0 49	18 4	1 18	13 29	16 12	6 56	7 33	15 55			n.a.
S 18	5 29	16 43	3 24	10 51	0 23	7 50	0 34	11 57	1 0	21 48	0 13	10 11	2 21	16 55	0 49	18 4	1 18	13 29	16 12	6 56	7 32	15 54			n.a.
M19	5 6	18 21	4 14	11 12	0 7	8 20	0 37	11 41	1 0	21 49	0 13	10 10	2 21	16 56	0 49	18 5	1 18	13 30	16 12	6 57	7 30	15 53			n.a.
T 20	4 43	18 55	4 51	11 31	0s 8	8 50	0 40	11 24	1 0	21 50	0 13	10 9	2 21	16 56	0 49	18 5	1 18	13 31	16 12	6 57	7 29	15 52			n.a.
W21	4 20	18 18	5 11	11 47	0 23	9 21	0 44	11 7	0 59	21 52	0 13	10 8	2 21	16 57	0 49	18 5	1 18	13 32	16 12	6 56	7 28	15 50			n.a.
T 22	3 57	16 31	5 11	12 1	0 38	9 50	0 47	10 50	0 59	21 53	0 13	10 7	2 22	16 57	0 49	18 6	1 18	13 32	16 13	6 55	7 27	15 49			n.a.
F 23	3 34	13 37	4 51	12 13	0 52	10 20	0 50	10 33	0 59	21 54	0 13	10 6	2 22	16 58	0 49	18 6	1 18	13 33	16 13	6 54	7 25	15 48			n.a.
S 24	3 10	9 51	4 12	12 23	1 5	10 50	0 53	10 16	0 59	21 56	0 13	10 5	2 22	16 59	0 49	18 6	1 18	13 34	16 13	6 53	7 24	15 47			n.a.
S 25	2 47	5 29	3 16	12 30	1 17	11 19	0 56	9 59	0 58	21 57	0 13	10 4	2 22	16 59	0 49	18 7	1 18	13 34	16 13	6 51	7 23	15 46			n.a.
M26	2 24	0 50	2 8	12 35	1 29	11 48	0 59	9 42	0 58	21 58	0 13	10 3	2 22	17 0	0 49	18 7	1 18	13 35	16 13	6 50	7 22	15 44			n.a.
T 27	2 1	3n48	0 53	12 37	1 40	12 16	1 2	9 24	0 58	22 0	0 13	10 2	2 22	17 0	0 49	18 7	1 18	13 36	16 13	6 50	7 20	15 43			n.a.
W28	1 37	8 6	0s23	12 37	1 50	12 45	1 5	9 7	0 57	22 1	0 14	10 1	2 22	17 1	0 49	18 8	1 18	13 37	16 13	6 50	7 19	15 42			n.a.
T 29	1 14	11 52	1 37	12 35	2 0	13 13	1 8	8 50	0 57	22 3	0 14	9 59	2 22	17 1	0 49	18 8	1 18	13 37	16 13	6 50	7 18	15 41			n.a.
F 30	0 50	14 54	2 43	12 30	2 8	13 41	1 11	8 32	0 57	22 4	0 14	9 58	2 22	17 2	0 49	18 9	1 18	13 38	16 13	6 51	7 17	15 40			n.a.
S 31	0s27	17n 7	3s39	12s24	2s16	14n 8	1n14	8s15	0s56	22n 6	0n14	9s57	2n23	17n 2	0n49	18n 9	1s18	13n39	16n13	6s51	7s16	15n38			n.a.

Julian Day Number = 1274051.5, Delta T = 08h14m24s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'50, Lahiri = -20°51'50 Julian Calendar 1 March 1225 BCE == Greg. Calendar 19 Feb. 1225 BCE

The year -1224 astronomical counting style corresponds to year 1225 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1225 BCE
geocentric

APRIL 1225 BCE (-1224) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 53 13	29♓50'40	13♊23	4♓29	4♉57	12♓12	7♊18	1°R24	16°R 6	25♉18	2°R51	17♎11	18♎10	29♋43	n.a.	S 1
M 2	11 57 9	0♈48'25	25°36	5°15	6° 8	12°56	7°27	1♏20	16♌ 4	25°20	2♎50	17°R12	18° 7	29°50	n.a.	M 2
T 3	12 1 6	1°46'09	7♋37	6° 4	7°19	13°40	7°35	1°17	16° 3	25°21	2°48	17°12	18° 4	29°57	n.a.	T 3
W 4	12 5 2	2°43'50	19°32	6°56	8°29	14°25	7°44	1°13	16° 1	25°23	2°46	17°11	18° 0	0♌ 3	n.a.	W 4
T 5	12 8 59	3°41'30	1♌24	7°52	9°40	15° 9	7°53	1°10	16° 0	25°24	2°45	17°10	17°57	0°10	n.a.	T 5
F 6	12 12 55	4°39'08	13°19	8°51	10°50	15°53	8° 2	1° 6	15°58	25°26	2°43	17° 8	17°54	0°17	n.a.	F 6
S 7	12 16 52	5°36'45	25°19	9°53	12° 1	16°37	8°11	1° 3	15°57	25°27	2°41	17° 7	17°51	0°24	n.a.	S 7
S 8	12 20 48	6°34'20	7♍28	10°58	13°11	17°21	8°20	0°59	15°56	25°29	2°40	17° 5	17°48	0°30	n.a.	S 8
M 9	12 24 45	7°31'53	19°48	12° 6	14°21	18° 5	8°29	0°55	15°54	25°31	2°38	17° 4	17°45	0°37	n.a.	M 9
T 10	12 28 42	8°29'25	2♎20	13°16	15°31	18°48	8°38	0°51	15°53	25°32	2°36	17° 3	17°41	0°44	n.a.	T 10
W11	12 32 38	9°26'55	15° 7	14°29	16°41	19°32	8°48	0°47	15°52	25°34	2°35	17°D 3	17°38	0°50	n.a.	W11
T 12	12 36 35	10°24'24	28° 7	15°45	17°51	20°16	8°57	0°43	15°51	25°35	2°33	17° 3	17°35	0°57	n.a.	T 12
F 13	12 40 31	11°21'53	11♏22	17° 4	19° 1	21° 0	9° 7	0°39	15°50	25°37	2°31	17° 3	17°32	1° 4	n.a.	F 13
S 14	12 44 28	12°19'20	24°50	18°25	20°10	21°43	9°17	0°35	15°49	25°39	2°30	17° 4	17°29	1°11	n.a.	S 14
S 15	12 48 24	13°16'46	8♐31	19°49	21°20	22°27	9°27	0°31	15°48	25°41	2°28	17° 4	17°26	1°17	n.a.	S 15
M16	12 52 21	14°14'11	22°23	21°15	22°29	23°10	9°37	0°27	15°47	25°42	2°26	17° 5	17°22	1°24	n.a.	M16
T 17	12 56 17	15°11'35	6♑25	22°44	23°39	23°54	9°47	0°23	15°46	25°44	2°25	17° 5	17°19	1°31	n.a.	T 17
W18	13 0 14	16° 8'58	20°36	24°15	24°48	24°37	9°57	0°19	15°45	25°46	2°23	17°R 5	17°16	1°37	n.a.	W18
T 19	13 4 11	17° 6'21	4♒53	25°48	25°57	25°21	10° 7	0°15	15°44	25°48	2°21	17°D 5	17°13	1°44	n.a.	T 19
F 20	13 8 7	18° 3'43	19°14	27°24	27° 6	26° 4	10°17	0°10	15°43	25°50	2°20	17° 5	17°10	1°51	n.a.	F 20
S 21	13 12 4	19° 1'04	3♓34	29° 3	28°15	26°47	10°28	0° 6	15°42	25°51	2°18	17° 5	17° 6	1°58	n.a.	S 21
S 22	13 16 0	19°58'24	17°51	0♈43	29°24	27°30	10°38	0° 2	15°42	25°53	2°17	17° 5	17° 3	2° 4	n.a.	S 22
M23	13 19 57	20°55'43	1♈59	2°26	0♊32	28°13	10°49	29♎58	15°41	25°55	2°15	17° 5	17° 0	2°11	n.a.	M23
T 24	13 23 53	21°53'02	15°56	4°12	1°41	28°56	10°59	29°53	15°41	25°57	2°14	17°R 5	16°57	2°18	n.a.	T 24
W25	13 27 50	22°50'20	29°37	6° 0	2°50	29°39	11°10	29°49	15°40	25°59	2°12	17° 5	16°54	2°24	n.a.	W25
T 26	13 31 46	23°47'36	13♉ 0	7°50	3°58	0♈22	11°21	29°45	15°40	26° 1	2°10	17° 5	16°51	2°31	n.a.	T 26
F 27	13 35 43	24°44'52	26° 4	9°43	5° 6	1° 5	11°32	29°40	15°39	26° 3	2° 9	17° 4	16°47	2°38	n.a.	F 27
S 28	13 39 40	25°42'07	8♊50	11°37	6°14	1°48	11°43	29°36	15°39	26° 5	2° 7	17° 3	16°44	2°45	n.a.	S 28
S 29	13 43 36	26°39'21	21°19	13°34	7°22	2°31	11°54	29°31	15°38	26° 7	2° 6	17° 2	16°41	2°51	n.a.	S 29
M30	13 47 33	27♈36'34	3♋32	15♈34	8♊30	3♈14	12♊ 5	29♎27	15♌38	26♉ 9	2♎ 4	17♎ 1	16♎38	2♌58	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 4	18n26	4s23	12s15	2s24	14n35	1n16	7s57	0s56	22n 7	0n14	9s56	2n23	17n 3	0n49	18n 9	1s17	13n39	16n13	6s52	7s14	15n37		n.a.
M 2	0n20	18 52	4 54	12 4	2 30	15 2	1 19	7 40	0 56	22 9	0 14	9 54	2 23	17 3	0 49	18 10	1 17	13 40	16 13	6 52	7 13	15 36		n.a.
T 3	0 43	18 26	5 11	11 50	2 36	15 28	1 22	7 22	0 55	22 10	0 14	9 53	2 23	17 4	0 49	18 10	1 17	13 41	16 13	6 52	7 12	15 35		n.a.
W 4	1 6	17 11	5 16	11 35	2 41	15 54	1 25	7 5	0 55	22 12	0 14	9 52	2 23	17 4	0 49	18 11	1 17	13 41	16 13	6 52	7 11	15 33		n.a.
T 5	1 29	15 12	5 6	11 18	2 45	16 20	1 28	6 47	0 54	22 13	0 14	9 51	2 23	17 5	0 49	18 11	1 17	13 42	16 13	6 51	7 9	15 32		n.a.
F 6	1 53	12 34	4 44	10 59	2 48	16 45	1 31	6 29	0 54	22 15	0 14	9 49	2 23	17 5	0 49	18 11	1 17	13 42	16 13	6 50	7 8	15 31		n.a.
S 7	2 16	9 24	4 9	10 37	2 51	17 10	1 33	6 12	0 54	22 16	0 14	9 48	2 23	17 5	0 48	18 12	1 17	13 43	16 13	6 50	7 7	15 30		n.a.
S 8	2 39	5 48	3 22	10 14	2 53	17 35	1 36	5 54	0 53	22 18	0 14	9 46	2 23	17 6	0 48	18 12	1 17	13 44	16 12	6 49	7 6	15 29		n.a.
M 9	3 2	1 53	2 25	9 49	2 54	17 58	1 38	5 36	0 53	22 19	0 15	9 45	2 23	17 6	0 48	18 13	1 17	13 44	16 12	6 49	7 4	15 27		n.a.
T 10	3 25	2s10	1 21	9 22	2 55	18 22	1 41	5 18	0 53	22 21	0 15	9 44	2 23	17 6	0 48	18 13	1 17	13 45	16 12	6 48	7 3	15 26		n.a.
W11	3 48	6 13	0 11	8 53	2 55	18 45	1 44	5 0	0 52	22 23	0 15	9 42	2 23	17 7	0 48	18 13	1 17	13 45	16 12	6 48	7 2	15 25		n.a.
T 12	4 11	10 2	1n 1	8 22	2 54	19 8	1 46	4 43	0 52	22 24	0 15	9 41	2 23	17 7	0 48	18 14	1 17	13 46	16 12	6 48	7 1	15 24		n.a.
F 13	4 34	13 25	2 11	7 50	2 53	19 30	1 48	4 25	0 51	22 26	0 15	9 39	2 23	17 7	0 48	18 14	1 17	13 46	16 12	6 48	7 0	15 22		n.a.
S 14	4 57	16 9	3 15	7 16	2 51	19 51	1 51	4 7	0 51	22 27	0 15	9 38	2 23	17 8	0 48	18 15	1 17	13 47	16 12	6 49	6 58	15 21		n.a.
S 15	5 20	18 0	4 8	6 40	2 48	20 13	1 53	3 49	0 51	22 29	0 15	9 36	2 23	17 8	0 48	18 15	1 17	13 48	16 12	6 49	6 57	15 20		n.a.
M16	5 42	18 49	4 48	6 3	2 45	20 33	1 55	3 31	0 50	22 31	0 15	9 35	2 23	17 8	0 48	18 16	1 17	13 48	16 12	6 49	6 56	15 19		n.a.
T 17	6 5	18 29	5 12	5 23	2 41	20 53	1 58	3 13	0 50	22 32	0 15	9 34	2 24	17 8	0 48	18 16	1 17	13 49	16 11	6 49	6 55	15 17		n.a.
W18	6 27	17 1	5 16	4 43	2 37	21 13	2 0	2 55	0 49	22 34	0 15	9 32	2 24	17 9	0 48	18 17	1 17	13 49	16 11	6 49	6 53	15 16		n.a.
T 19	6 50	14 29	5 2	4 0	2 32	21 32	2 2	2 38	0 49	22 35	0 15	9 31	2 24	17 9	0 48	18 17	1 17	13 50	16 11	6 49	6 52	15 15		n.a.
F 20	7 12	11 3	4 29	3 17	2 26	21 50	2 4	2 20	0 48	22 37	0 15	9 29	2 24	17 9	0 48	18 18	1 17	13 50	16 11	6 49	6 51	15 14		n.a.
S 21	7 34	6 58	3 39	2 31	2 20	22 8	2 6	2 2	0 48	22 39	0 15	9 28	2 24	17 9	0 48	18 18	1 17	13 50	16 11	6 49	6 50	15 12		n.a.
S 22	7 56	2 30	2 35	1 44	2 13	22 26	2 8	1 44	0 47	22 40	0 16	9 26	2 24	17 9	0 48	18 19	1 17	13 51	16 10	6 49	6 48	15 11		n.a.
M23	8 18	2n 4	1 23	0 56	2 6	22 43	2 9	1 26	0 47	22 42	0 16	9 24	2 24	17 10	0 48	18 19	1 17	13 51	16 10	6 49	6 47	15 10		n.a.
T 24	8 40	6 28	0 6	0 6	1 58	22 59	2 11	1 8	0 47	22 43	0 16	9 23	2 24	17 10	0 48	18 20	1 17	13 52	16 10	6 49	6 46	15 9		n.a.
W25	9 1	10 27	1s 9	0n44	1 50	23 14	2 13	0 50	0 46	22 45	0 16	9 21	2 24	17 10	0 48	18 20	1 17	13 52	16 10	6 49	6 45	15 7		n.a.
T 26	9 23	13 48	2 19	1 37	1 41	23 29	2 14	0 33	0 46	22 47	0 16	9 20	2 24	17 10	0 48	18 20	1 16	13 52	16 9	6 49	6 43	15 6		n.a.
F 27	9 44	16 22	3 20	2 30	1 32	23 44	2 16	0 15	0 45	22 48	0 16	9 18	2 23	17 10	0 48	18 21	1 16	13 53	16 9	6 49	6 42	15 5		n.a.
S 28	10 6	18 3	4 9	3 24	1 23	23 57	2 17	0n 3	0 45	22 50	0 16	9 17	2 23	17 10	0 48	18 21	1 16	13 53	16 9	6 48	6 41	15 3		n.a.
S 29	10 27	18 48	4 45	4 19	1 13	24 11	2 18	0 21	0 44	22 51	0 16	9 15	2 23	17 10	0 48	18 22	1 16	13 54	16 9	6 48	6 40	15 2		n.a.
M30	10n48	18n40	5s 8	5n15	1s 3	24n23	2n20	0n38	0s44	22n53	0n16	9s14	2n23	17n10	0n48	18n22	1s16	13n54	16n 8	6s47	6s39	15n 1		n.a.

Julian Day Number = 1274082.5, Delta T = 08h14m23s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'46, Lahiri = -20°51'46 Julian Calendar 1 Apr. 1225 BCE == Greg. Calendar 21 March 1225 BCE

The year -1224 astronomical counting style corresponds to year 1225 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1225 BCE
geocentric

MAY 1225 BCE (-1224) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 51 29	28♈33'46	15♋35	17♈35	9♊38	3♈56	12♊16	29°R23	15°R38	26♉11	2°R 3	17°R 0	16♎35	3♌ 5	n.a.	T 1
W 2	13 55 26	29°30'57	27°31	19°38	10°46	4°39	12°27	29♎18	15♌38	26°13	2♎ 2	17°D 0	16°31	3°12	n.a.	W 2
T 3	13 59 22	0♉28'07	9♌24	21°43	11°53	5°21	12°39	29°14	15°38	26°15	2° 0	17♎ 0	16°28	3°18	n.a.	T 3
F 4	14 3 19	1°25'16	21°19	23°49	13° 0	6° 4	12°50	29° 9	15°D38	26°17	1°59	17° 1	16°25	3°25	n.a.	F 4
S 5	14 7 15	2°22'25	3♍21	25°57	14° 8	6°46	13° 1	29° 5	15°38	26°19	1°57	17° 2	16°22	3°32	n.a.	S 5
S 6	14 11 12	3°19'32	15°33	28° 6	15°15	7°29	13°13	29° 1	15°38	26°21	1°56	17° 3	16°19	3°38	n.a.	S 6
M 7	14 15 9	4°16'39	28° 0	0♉16	16°21	8°11	13°25	28°56	15°38	26°23	1°55	17° 4	16°16	3°45	n.a.	M 7
T 8	14 19 5	5°13'45	10♎44	2°27	17°28	8°53	13°36	28°52	15°38	26°25	1°53	17°R 5	16°12	3°52	n.a.	T 8
W 9	14 23 2	6°10'51	23°47	4°38	18°35	9°35	13°48	28°48	15°38	26°27	1°52	17° 5	16° 9	3°59	n.a.	W 9
T 10	14 26 58	7° 7'56	7♏ 9	6°49	19°41	10°18	14° 0	28°43	15°38	26°30	1°51	17° 4	16° 6	4° 5	n.a.	T 10
F 11	14 30 55	8° 5'01	20°48	9° 1	20°47	11° 0	14°12	28°39	15°39	26°32	1°49	17° 2	16° 3	4°12	n.a.	F 11
S 12	14 34 51	9° 2'05	4♐43	11°12	21°53	11°42	14°23	28°35	15°39	26°34	1°48	16°59	16° 0	4°19	n.a.	S 12
S 13	14 38 48	9°59'10	18°50	13°22	22°59	12°24	14°35	28°30	15°40	26°36	1°47	16°56	15°57	4°25	n.a.	S 13
M14	14 42 45	10°56'14	3♑ 5	15°31	24° 5	13° 6	14°47	28°26	15°40	26°38	1°46	16°53	15°53	4°32	n.a.	M14
T 15	14 46 41	11°53'18	17°23	17°40	25°10	13°47	14°59	28°22	15°41	26°40	1°45	16°51	15°50	4°39	n.a.	T 15
W16	14 50 38	12°50'23	1♒41	19°47	26°16	14°29	15°12	28°18	15°41	26°42	1°43	16°49	15°47	4°46	n.a.	W16
T 17	14 54 34	13°47'27	15°55	21°53	27°21	15°11	15°24	28°14	15°42	26°45	1°42	16°D49	15°44	4°52	n.a.	T 17
F 18	14 58 31	14°44'32	0♓ 3	23°57	28°26	15°53	15°36	28°10	15°43	26°47	1°41	16°50	15°41	4°59	n.a.	F 18
S 19	15 2 27	15°41'36	14° 4	25°59	29°30	16°34	15°48	28° 5	15°43	26°49	1°40	16°51	15°37	5° 6	n.a.	S 19
S 20	15 6 24	16°38'41	27°56	28° 0	0♋35	17°16	16° 1	28° 1	15°44	26°51	1°39	16°52	15°34	5°12	n.a.	S 20
M21	15 10 20	17°35'46	11♈38	29°59	1°39	17°57	16°13	27°57	15°45	26°53	1°38	16°R53	15°31	5°19	n.a.	M21
T 22	15 14 17	18°32'52	25° 9	1♊56	2°43	18°39	16°25	27°53	15°46	26°56	1°37	16°53	15°28	5°26	n.a.	T 22
W23	15 18 14	19°29'57	8♉27	3°50	3°47	19°20	16°38	27°49	15°47	26°58	1°36	16°52	15°25	5°33	n.a.	W23
T 24	15 22 10	20°27'03	21°32	5°43	4°51	20° 2	16°50	27°46	15°48	27° 0	1°35	16°48	15°22	5°39	n.a.	T 24
F 25	15 26 7	21°24'08	4♊23	7°34	5°54	20°43	17° 3	27°42	15°49	27° 2	1°34	16°44	15°18	5°46	n.a.	F 25
S 26	15 30 3	22°21'14	16°59	9°23	6°58	21°24	17°15	27°38	15°50	27° 4	1°33	16°38	15°15	5°53	n.a.	S 26
S 27	15 34 0	23°18'20	29°22	11°10	8° 1	22° 5	17°28	27°34	15°51	27° 7	1°32	16°31	15°12	5°59	n.a.	S 27
M28	15 37 56	24°15'26	11♋33	12°55	9° 3	22°46	17°41	27°30	15°52	27° 9	1°31	16°25	15° 9	6° 6	n.a.	M28
T 29	15 41 53	25°12'32	23°34	14°38	10° 6	23°27	17°53	27°27	15°54	27°11	1°31	16°20	15° 6	6°13	n.a.	T 29
W30	15 45 49	26° 9'37	5♌28	16°18	11° 8	24° 8	18° 6	27°23	15°55	27°13	1°30	16°16	15° 3	6°20	n.a.	W30
T 31	15 49 46	27♉ 6'43	17♌20	17♊57	12♋10	24♈49	18♊19	27♎20	15♌56	27♉16	1♎29	16♎14	14♎59	6♌26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n 8	17n40	5s16	6n12	0s53	24n35	2n21	0n56	0s43	22n55	0n16	9s12	2n23	17n10	0n48	18n23	1s16	13n54	16n 8	6s47	6s37	15n 0		n.a.
W 2	11 29	15 55	5 11	7 9	0 42	24 46	2 22	1 13	0 43	22 56	0 16	9 11	2 23	17 10	0 48	18 23	1 16	13 55	16 8	6 47	6 36	14 58		n.a.
T 3	11 50	13 30	4 53	8 7	0 32	24 57	2 23	1 31	0 42	22 58	0 16	9 9	2 23	17 10	0 47	18 24	1 16	13 55	16 7	6 47	6 35	14 57		n.a.
F 4	12 10	10 30	4 22	9 4	0 21	25 6	2 23	1 49	0 42	22 59	0 16	9 8	2 23	17 10	0 47	18 25	1 16	13 55	16 7	6 47	6 34	14 56		n.a.
S 5	12 30	7 3	3 39	10 2	0 10	25 16	2 24	2 6	0 41	23 1	0 17	9 6	2 23	17 10	0 47	18 25	1 16	13 55	16 7	6 48	6 32	14 54		n.a.
S 6	12 50	3 15	2 45	10 59	0n 1	25 24	2 25	2 24	0 41	23 2	0 17	9 5	2 23	17 10	0 47	18 26	1 16	13 56	16 6	6 48	6 31	14 53		n.a.
M 7	13 9	0s46	1 43	11 56	0 11	25 32	2 25	2 41	0 40	23 4	0 17	9 3	2 23	17 10	0 47	18 26	1 16	13 56	16 6	6 49	6 30	14 52		n.a.
T 8	13 29	4 51	0 35	12 52	0 22	25 39	2 26	2 58	0 40	23 5	0 17	9 2	2 23	17 10	0 47	18 27	1 16	13 56	16 6	6 49	6 29	14 51		n.a.
W 9	13 48	8 49	0n37	13 47	0 32	25 46	2 26	3 16	0 39	23 7	0 17	9 0	2 23	17 10	0 47	18 27	1 16	13 56	16 5	6 49	6 27	14 49		n.a.
T 10	14 7	12 25	1 48	14 41	0 42	25 52	2 26	3 33	0 39	23 8	0 17	8 59	2 23	17 10	0 47	18 28	1 16	13 56	16 5	6 49	6 26	14 48		n.a.
F 11	14 26	15 26	2 55	15 33	0 51	25 57	2 26	3 50	0 38	23 10	0 17	8 57	2 23	17 10	0 47	18 28	1 16	13 57	16 5	6 48	6 25	14 47		n.a.
S 12	14 45	17 37	3 53	16 23	1 0	26 1	2 26	4 7	0 38	23 11	0 17	8 56	2 23	17 9	0 47	18 29	1 16	13 57	16 4	6 47	6 24	14 45		n.a.
S 13	15 3	18 45	4 37	17 12	1 9	26 5	2 26	4 25	0 37	23 13	0 17	8 54	2 22	17 9	0 47	18 29	1 16	13 57	16 4	6 46	6 22	14 44		n.a.
M14	15 21	18 43	5 5	17 59	1 17	26 8	2 26	4 42	0 37	23 14	0 17	8 53	2 22	17 9	0 47	18 30	1 16	13 57	16 3	6 45	6 21	14 43		n.a.
T 15	15 39	17 30	5 14	18 43	1 24	26 10	2 26	4 59	0 36	23 16	0 17	8 52	2 22	17 9	0 47	18 30	1 16	13 57	16 3	6 44	6 20	14 41		n.a.
W16	15 57	15 11	5 3	19 26	1 31	26 12	2 25	5 16	0 35	23 17	0 17	8 50	2 22	17 9	0 47	18 31	1 16	13 57	16 3	6 43	6 19	14 40		n.a.
T 17	16 14	11 58	4 34	20 6	1 37	26 13	2 25	5 32	0 35	23 19	0 18	8 49	2 22	17 8	0 47	18 31	1 16	13 57	16 2	6 43	6 17	14 39		n.a.
F 18	16 32	8 4	3 49	20 43	1 42	26 14	2 24	5 49	0 34	23 20	0 18	8 47	2 22	17 8	0 47	18 32	1 16	13 57	16 2	6 43	6 16	14 37		n.a.
S 19	16 49	3 45	2 50	21 18	1 47	26 13	2 23	6 6	0 34	23 22	0 18	8 46	2 22	17 8	0 47	18 32	1 16	13 57	16 1	6 44	6 15	14 36		n.a.
S 20	17 5	0n43	1 42	21 51	1 51	26 12	2 22	6 23	0 33	23 23	0 18	8 45	2 22	17 8	0 47	18 33	1 16	13 57	16 1	6 44	6 14	14 35		n.a.
M21	17 22	5 7	0 29	22 21	1 54	26 11	2 21	6 39	0 33	23 24	0 18	8 43	2 22	17 7	0 47	18 33	1 16	13 57	16 0	6 45	6 12	14 33		n.a.
T 22	17 38	9 11	0s45	22 48	1 57	26 8	2 20	6 56	0 32	23 26	0 18	8 42	2 21	17 7	0 47	18 34	1 16	13 57	16 0	6 44	6 11	14 32		n.a.
W23	17 54	12 45	1 55	23 13	1 59	26 5	2 18	7 12	0 32	23 27	0 18	8 41	2 21	17 7	0 47	18 34	1 16	13 57	16 0	6 44	6 10	14 31		n.a.
T 24	18 9	15 35	2 58	23 35	2 0	26 2	2 17	7 29	0 31	23 28	0 18	8 39	2 21	17 6	0 47	18 35	1 16	13 57	15 59	6 43	6 9	14 30		n.a.
F 25	18 25	17 36	3 50	23 55	2 1	25 57	2 15	7 45	0 30	23 30	0 18	8 38	2 21	17 6	0 47	18 36	1 16	13 57	15 59	6 41	6 7	14 28		n.a.
S 26	18 40	18 43	4 30	24 13	2 1	25 52	2 14	8 1	0 30	23 31	0 18	8 37	2 21	17 6	0 47	18 36	1 16	13 57	15 58	6 38	6 6	14 27		n.a.
S 27	18 54	18 54	4 57	24 28	2 0	25 47	2 12	8 17	0 29	23 32	0 18	8 36	2 21	17 5	0 47	18 37	1 16	13 57	15 58	6 36	6 5	14 26		n.a.
M28	19 9	18 12	5 9	24 41	1 59	25 41	2 10	8 33	0 29	23 34	0 18	8 35	2 21	17 5	0 46	18 37	1 16	13 57	15 57	6 34	6 4	14 24		n.a.
T 29	19 23	16 41	5 8	24 52	1 57	25 34	2 7	8 49	0 28	23 35	0 19	8 33	2 20	17 4	0 46	18 38	1 16	13 57	15 57	6 32	6 2	14 23		n.a.
W30	19 37	14 29	4 53	25 1	1 55	25 26	2 5	9 5	0 27	23 36	0 19	8 32	2 20	17 4	0 46	18 38	1 16	13 57	15 56	6 30	6 1	14 21		n.a.
T 31	19n50	11n40	4s26	25n 8	1n51	25n18	2n 3	9n21	0s27	23n37	0n19	8s31	2n20	17n 4	0n46	18n39	1s16	13n57	15n56	6s29	6s 0	14n20		n.a.

Julian Day Number = 1274112.5, Delta T = 08h14m21s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'42, Lahiri = -20°51'42 Julian Calendar 1 May 1225 BCE == Greg. Calendar 20 Apr. 1225 BCE

The year -1224 astronomical counting style corresponds to year 1225 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1225 BCE
geocentric

JUNE 1225 BCE (-1224) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 53 43	28♉ 3'49	29♌14	19♊34	13♋11	25♈30	18♊32	27°R16	15♌58	27♉18	1°R28	16°D14	14♎56	6♌33	n.a.	F 1
S 2	15 57 39	29° 0'55	11♍15	21° 8	14°12	26°11	18°44	27♎13	15°59	27°20	1♎28	16♎14	14°53	6°40	n.a.	S 2
S 3	16 1 36	29°58'01	23°28	22°41	15°13	26°52	18°57	27°10	16° 1	27°22	1°27	16°16	14°50	6°46	n.a.	S 3
M 4	16 5 32	0♊55'08	5♎57	24°11	16°14	27°32	19°10	27° 6	16° 2	27°25	1°26	16°17	14°47	6°53	n.a.	M 4
T 5	16 9 29	1°52'14	18°47	25°40	17°14	28°13	19°23	27° 3	16° 4	27°27	1°26	16°R17	14°43	7° 0	n.a.	T 5
W 6	16 13 25	2°49'21	2♏ 0	27° 6	18°14	28°54	19°36	27° 0	16° 5	27°29	1°25	16°16	14°40	7° 7	n.a.	W 6
T 7	16 17 22	3°46'29	15°37	28°30	19°14	29°34	19°49	26°57	16° 7	27°31	1°25	16°13	14°37	7°13	n.a.	T 7
F 8	16 21 19	4°43'36	29°38	29°52	20°13	0♉15	20° 2	26°54	16° 9	27°33	1°24	16° 8	14°34	7°20	n.a.	F 8
S 9	16 25 15	5°40'45	13♐58	1♋11	21°12	0°55	20°15	26°51	16°11	27°36	1°24	16° 1	14°31	7°27	n.a.	S 9
S 10	16 29 12	6°37'54	28°32	2°29	22°10	1°35	20°28	26°48	16°13	27°38	1°23	15°54	14°28	7°33	n.a.	S 10
M11	16 33 8	7°35'04	13♑14	3°44	23° 9	2°16	20°41	26°45	16°14	27°40	1°23	15°46	14°24	7°40	n.a.	M11
T 12	16 37 5	8°32'15	27°54	4°56	24° 6	2°56	20°54	26°42	16°16	27°42	1°22	15°40	14°21	7°47	n.a.	T 12
W13	16 41 1	9°29'26	12♒28	6° 7	25° 3	3°36	21° 7	26°40	16°18	27°44	1°22	15°35	14°18	7°54	n.a.	W13
T 14	16 44 58	10°26'39	26°50	7°14	26° 0	4°16	21°20	26°37	16°20	27°47	1°22	15°32	14°15	8° 0	n.a.	T 14
F 15	16 48 54	11°23'53	10♓57	8°19	26°57	4°56	21°33	26°35	16°22	27°49	1°21	15°D31	14°12	8° 7	n.a.	F 15
S 16	16 52 51	12°21'08	24°48	9°22	27°53	5°36	21°46	26°32	16°25	27°51	1°21	15°32	14° 8	8°14	n.a.	S 16
S 17	16 56 48	13°18'24	8♈24	10°21	28°48	6°16	21°59	26°30	16°27	27°53	1°21	15°33	14° 5	8°20	n.a.	S 17
M18	17 0 44	14°15'41	21°46	11°18	29°43	6°56	22°13	26°28	16°29	27°55	1°21	15°R33	14° 2	8°27	n.a.	M18
T 19	17 4 41	15°13'00	4♉55	12°12	0♌37	7°36	22°26	26°26	16°31	27°58	1°21	15°31	13°59	8°34	n.a.	T 19
W20	17 8 37	16°10'19	17°51	13° 2	1°31	8°15	22°39	26°23	16°33	28° 0	1°21	15°27	13°56	8°41	n.a.	W20
T 21	17 12 34	17° 7'40	0♊36	13°49	2°25	8°55	22°52	26°21	16°36	28° 2	1°20	15°20	13°53	8°47	n.a.	T 21
F 22	17 16 30	18° 5'02	13°10	14°33	3°17	9°35	23° 5	26°20	16°38	28° 4	1°20	15°11	13°49	8°54	n.a.	F 22
S 23	17 20 27	19° 2'25	25°34	15°13	4°10	10°14	23°19	26°18	16°41	28° 6	1°D20	15° 0	13°46	9° 1	n.a.	S 23
S 24	17 24 24	19°59'49	7♋48	15°49	5° 1	10°54	23°32	26°16	16°43	28° 8	1°20	14°48	13°43	9° 7	n.a.	S 24
M25	17 28 20	20°57'14	19°52	16°21	5°52	11°33	23°45	26°14	16°46	28°10	1°20	14°37	13°40	9°14	n.a.	M25
T 26	17 32 17	21°54'40	1♌49	16°49	6°42	12°13	23°58	26°13	16°48	28°12	1°21	14°26	13°37	9°21	n.a.	T 26
W27	17 36 13	22°52'07	13°41	17°13	7°32	12°52	24°11	26°11	16°51	28°14	1°21	14°18	13°34	9°28	n.a.	W27
T 28	17 40 10	23°49'35	25°31	17°32	8°21	13°31	24°25	26°10	16°53	28°16	1°21	14°12	13°30	9°34	n.a.	T 28
F 29	17 44 6	24°47'04	7♍23	17°46	9° 9	14°10	24°38	26° 9	16°56	28°19	1°21	14° 9	13°27	9°41	n.a.	F 29
S 30	17 48 3	25♊44'33	19♍21	17♋55	9♌57	14♉49	24♊51	26♎ 7	16♌59	28♉21	1♎21	14♎ 7	13♎24	9♌48	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n 3	8n23	3s47	25n13	1n48	25n10	2n 0	9n37	0s26	23n39	0n19	8s30	2n20	17n 3	0n46	18n39	1s16	13n56	15n55	6s29	5s59	14n19		n.a.
S 2	20 16	4 43	2 58	25 16	1 44	25 1	1 57	9 52	0 26	23 40	0 19	8 29	2 20	17 3	0 46	18 40	1 16	13 56	15 55	6 29	5 57	14 17		n.a.
S 3	20 29	0 48	2 0	25 17	1 39	24 51	1 54	10 8	0 25	23 41	0 19	8 28	2 19	17 2	0 46	18 40	1 16	13 56	15 54	6 30	5 56	14 16		n.a.
M 4	20 41	3s15	0 56	25 16	1 34	24 40	1 51	10 23	0 24	23 42	0 19	8 27	2 19	17 2	0 46	18 41	1 16	13 56	15 54	6 30	5 55	14 15		n.a.
T 5	20 53	7 16	0n13	25 14	1 28	24 29	1 48	10 39	0 24	23 43	0 19	8 26	2 19	17 1	0 46	18 41	1 16	13 56	15 53	6 31	5 54	14 13		n.a.
W 6	21 4	11 3	1 24	25 10	1 21	24 18	1 45	10 54	0 23	23 44	0 19	8 25	2 19	17 1	0 46	18 42	1 16	13 55	15 53	6 30	5 52	14 12		n.a.
T 7	21 15	14 23	2 31	25 4	1 15	24 6	1 41	11 9	0 23	23 46	0 19	8 24	2 19	17 0	0 46	18 42	1 16	13 55	15 52	6 29	5 51	14 11		n.a.
F 8	21 26	16 58	3 32	24 58	1 7	23 54	1 37	11 24	0 22	23 47	0 19	8 23	2 19	16 59	0 46	18 43	1 16	13 55	15 52	6 27	5 50	14 9		n.a.
S 9	21 37	18 33	4 20	24 50	1 0	23 41	1 34	11 39	0 21	23 48	0 19	8 22	2 18	16 59	0 46	18 43	1 16	13 54	15 51	6 24	5 49	14 8		n.a.
S 10	21 47	18 57	4 53	24 40	0 52	23 27	1 30	11 54	0 21	23 49	0 20	8 21	2 18	16 58	0 46	18 44	1 16	13 54	15 50	6 21	5 47	14 7		n.a.
M11	21 56	18 5	5 6	24 30	0 43	23 13	1 25	12 9	0 20	23 50	0 20	8 21	2 18	16 58	0 46	18 44	1 16	13 54	15 50	6 18	5 46	14 5		n.a.
T 12	22 6	16 2	4 59	24 18	0 34	22 59	1 21	12 23	0 19	23 51	0 20	8 20	2 18	16 57	0 46	18 45	1 16	13 53	15 49	6 16	5 45	14 4		n.a.
W13	22 15	12 58	4 34	24 6	0 24	22 44	1 17	12 38	0 19	23 52	0 20	8 19	2 17	16 56	0 46	18 45	1 16	13 53	15 49	6 14	5 44	14 3		n.a.
T 14	22 23	9 10	3 51	23 53	0 15	22 28	1 12	12 52	0 18	23 53	0 20	8 18	2 17	16 56	0 46	18 46	1 16	13 53	15 48	6 13	5 42	14 1		n.a.
F 15	22 31	4 54	2 54	23 39	0 4	22 13	1 7	13 6	0 18	23 54	0 20	8 18	2 17	16 55	0 46	18 46	1 16	13 52	15 48	6 13	5 41	14 0		n.a.
S 16	22 39	0 26	1 49	23 24	0s 6	21 57	1 2	13 21	0 17	23 55	0 20	8 17	2 17	16 54	0 46	18 47	1 16	13 52	15 47	6 13	5 40	13 58		n.a.
S 17	22 46	3n58	0 38	23 9	0 17	21 40	0 57	13 35	0 16	23 56	0 20	8 16	2 17	16 54	0 46	18 47	1 16	13 51	15 47	6 13	5 39	13 57		n.a.
M18	22 53	8 6	0s33	22 53	0 28	21 23	0 51	13 49	0 16	23 57	0 20	8 16	2 16	16 53	0 46	18 48	1 16	13 51	15 46	6 13	5 37	13 56		n.a.
T 19	23 0	11 47	1 42	22 36	0 40	21 6	0 46	14 2	0 15	23 57	0 20	8 15	2 16	16 52	0 46	18 48	1 16	13 51	15 45	6 12	5 36	13 54		n.a.
W20	23 6	14 49	2 44	22 20	0 52	20 48	0 40	14 16	0 14	23 58	0 21	8 14	2 16	16 52	0 46	18 49	1 16	13 50	15 45	6 11	5 35	13 53		n.a.
T 21	23 12	17 6	3 36	22 3	1 4	20 30	0 34	14 30	0 14	23 59	0 21	8 14	2 16	16 51	0 46	18 49	1 16	13 50	15 44	6 8	5 34	13 51		n.a.
F 22	23 18	18 30	4 17	21 46	1 16	20 12	0 28	14 43	0 13	24 0	0 21	8 13	2 15	16 50	0 46	18 50	1 16	13 49	15 44	6 5	5 32	13 50		n.a.
S 23	23 23	19 0	4 46	21 29	1 29	19 53	0 22	14 56	0 12	24 1	0 21	8 13	2 15	16 49	0 46	18 50	1 16	13 49	15 43	6 0	5 31	13 49		n.a.
S 24	23 27	18 36	5 0	21 12	1 41	19 35	0 15	15 10	0 12	24 1	0 21	8 13	2 15	16 48	0 45	18 51	1 16	13 48	15 43	5 56	5 30	13 47		n.a.
M25	23 31	17 22	5 1	20 56	1 54	19 15	0 9	15 23	0 11	24 2	0 21	8 12	2 15	16 48	0 45	18 51	1 16	13 48	15 42	5 51	5 29	13 46		n.a.
T 26	23 35	15 23	4 49	20 40	2 7	18 56	0 2	15 36	0 10	24 3	0 21	8 12	2 15	16 47	0 45	18 52	1 16	13 47	15 41	5 47	5 27	13 45		n.a.
W27	23 38	12 47	4 24	20 24	2 20	18 37	0s 5	15 48	0 10	24 4	0 21	8 12	2 14	16 46	0 45	18 52	1 16	13 46	15 41	5 44	5 26	13 43		n.a.
T 28	23 41	9 39	3 48	20 9	2 33	18 17	0 12	16 1	0 9	24 4	0 21	8 11	2 14	16 45	0 45	18 53	1 16	13 46	15 40	5 41	5 25	13 42		n.a.
F 29	23 44	6 8	3 2	19 54	2 45	17 57	0 20	16 14	0 8	24 5	0 21	8 11	2 14	16 44	0 45	18 53	1 16	13 45	15 40	5 40	5 24	13 40		n.a.
S 30	23n46	2n20	2s 8	19n40	2s58	17n37	0s27	16n26	0s 7	24n 6	0n21	8s11	2n14	16n43	0n45	18n53	1s16	13n45	15n39	5s39	5s22	13n39		n.a.

Julian Day Number = 1274143.5, Delta T = 08h14m19s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'38, Lahiri = -20°51'37 Julian Calendar 1 June 1225 BCE == Greg. Calendar 21 May 1225 BCE

The year -1224 astronomical counting style corresponds to year 1225 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1225 BCE
geocentric

JULY 1225 BCE (-1224) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 51 59	26♊42'04	1♎31	17°R59	10♌43	15♉29	25♊ 4	26°R 6	17♌ 1	28♉23	1♎22	14°D 7	13♎21	9♌54	n.a.	S 1
M 2	17 55 56	27°39'36	13°58	17♋58	11°29	16° 8	25°18	26♎ 5	17° 4	28°25	1°22	14°R 7	13°18	10° 1	n.a.	M 2
T 3	17 59 53	28°37'09	26°47	17°52	12°14	16°46	25°31	26° 4	17° 7	28°27	1°22	14♎ 7	13°14	10° 8	n.a.	T 3
W 4	18 3 49	29°34'43	10♏ 2	17°39	12°58	17°25	25°44	26° 4	17°10	28°29	1°23	14° 4	13°11	10°15	n.a.	W 4
T 5	18 7 46	0♋32'19	23°45	17°22	13°41	18° 4	25°57	26° 3	17°13	28°31	1°23	14° 0	13° 8	10°21	n.a.	T 5
F 6	18 11 42	1°29'55	7♐56	16°59	14°23	18°43	26°10	26° 2	17°16	28°32	1°23	13°52	13° 5	10°28	n.a.	F 6
S 7	18 15 39	2°27'33	22°32	16°30	15° 4	19°22	26°24	26° 2	17°18	28°34	1°24	13°43	13° 2	10°35	n.a.	S 7
S 8	18 19 35	3°25'13	7♑27	15°57	15°44	20° 0	26°37	26° 1	17°21	28°36	1°24	13°32	12°59	10°41	n.a.	S 8
M 9	18 23 32	4°22'54	22°32	15°19	16°23	20°39	26°50	26° 1	17°24	28°38	1°25	13°22	12°55	10°48	n.a.	M 9
T 10	18 27 28	5°20'36	7♒36	14°36	17° 1	21°17	27° 3	26° 1	17°27	28°40	1°25	13°12	12°52	10°55	n.a.	T 10
W11	18 31 25	6°18'21	22°29	13°50	17°37	21°56	27°16	26° 0	17°31	28°42	1°26	13° 5	12°49	11° 1	n.a.	W11
T 12	18 35 22	7°16'07	7♓ 6	13° 1	18°13	22°34	27°29	26°D 0	17°34	28°44	1°27	13° 0	12°46	11° 8	n.a.	T 12
F 13	18 39 18	8°13'54	21°22	12° 9	18°47	23°12	27°42	26° 0	17°37	28°46	1°27	12°58	12°43	11°15	n.a.	F 13
S 14	18 43 15	9°11'44	5♈15	11°16	19°20	23°51	27°56	26° 0	17°40	28°47	1°28	12°57	12°40	11°22	n.a.	S 14
S 15	18 47 11	10° 9'36	18°46	10°23	19°51	24°29	28° 9	26° 1	17°43	28°49	1°29	12°57	12°36	11°28	n.a.	S 15
M16	18 51 8	11° 7'29	1♉57	9°31	20°21	25° 7	28°22	26° 1	17°46	28°51	1°30	12°56	12°33	11°35	n.a.	M16
T 17	18 55 4	12° 5'25	14°52	8°40	20°50	25°45	28°35	26° 1	17°50	28°53	1°30	12°54	12°30	11°42	n.a.	T 17
W18	18 59 1	13° 3'23	27°33	7°53	21°17	26°23	28°48	26° 2	17°53	28°54	1°31	12°49	12°27	11°48	n.a.	W18
T 19	19 2 57	14° 1'22	10♊ 1	7° 9	21°42	27° 1	29° 1	26° 3	17°56	28°56	1°32	12°41	12°24	11°55	n.a.	T 19
F 20	19 6 54	14°59'24	22°21	6°31	22° 6	27°39	29°14	26° 3	17°59	28°58	1°33	12°30	12°20	12° 2	n.a.	F 20
S 21	19 10 51	15°57'27	4♋32	5°58	22°28	28°17	29°27	26° 4	18° 3	28°59	1°34	12°17	12°17	12° 9	n.a.	S 21
S 22	19 14 47	16°55'33	16°35	5°32	22°49	28°54	29°40	26° 5	18° 6	29° 1	1°35	12° 3	12°14	12°15	n.a.	S 22
M23	19 18 44	17°53'40	28°33	5°13	23° 7	29°32	29°53	26° 6	18°10	29° 3	1°36	11°49	12°11	12°22	n.a.	M23
T 24	19 22 40	18°51'48	10♌26	5° 2	23°24	0♊10	0♋ 5	26° 7	18°13	29° 4	1°37	11°36	12° 8	12°29	n.a.	T 24
W25	19 26 37	19°49'59	22°16	5°D 0	23°39	0°47	0°18	26° 8	18°16	29° 6	1°38	11°26	12° 5	12°35	n.a.	W25
T 26	19 30 33	20°48'11	4♍ 5	5° 5	23°52	1°25	0°31	26° 9	18°20	29° 7	1°39	11°18	12° 1	12°42	n.a.	T 26
F 27	19 34 30	21°46'25	15°56	5°20	24° 2	2° 2	0°44	26°11	18°23	29° 9	1°40	11°13	11°58	12°49	n.a.	F 27
S 28	19 38 26	22°44'41	27°53	5°43	24°11	2°39	0°57	26°12	18°27	29°10	1°41	11°11	11°55	12°55	n.a.	S 28
S 29	19 42 23	23°42'58	10♎ 1	6°14	24°18	3°16	1° 9	26°14	18°30	29°12	1°43	11°D10	11°52	13° 2	n.a.	S 29
M30	19 46 19	24°41'17	22°25	6°54	24°22	3°54	1°22	26°15	18°34	29°13	1°44	11°R10	11°49	13° 9	n.a.	M30
T 31	19 50 16	25♋39'38	5♏10	7♋42	24°R24	4♊31	1♋34	26♎17	18♌38	29♉15	1♎45	11♎10	11♎46	13♌16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n48	1s38	1s 6	19n28	3s10	17n16	0s35	16n38	0s 7	24n 6	0n22	8s11	2n13	16n43	0n45	18n54	1s16	13n44	15n38	5s39	5s21	13n38			n.a.
M 2	23 49	5 37	0 1	19 16	3 22	16 56	0 43	16 50	0 6	24 7	0 22	8 11	2 13	16 42	0 45	18 54	1 16	13 43	15 38	5 39	5 20	13 36			n.a.
T 3	23 50	9 27	1n 7	19 5	3 34	16 36	0 51	17 2	0 5	24 7	0 22	8 10	2 13	16 41	0 45	18 55	1 16	13 43	15 37	5 39	5 19	13 35			n.a.
W 4	23 50	12 58	2 13	18 56	3 45	16 15	1 0	17 14	0 5	24 8	0 22	8 10	2 13	16 40	0 45	18 55	1 16	13 42	15 37	5 38	5 17	13 33			n.a.
T 5	23 50	15 54	3 13	18 48	3 55	15 54	1 8	17 26	0 4	24 8	0 22	8 10	2 12	16 39	0 45	18 56	1 16	13 41	15 36	5 37	5 16	13 32			n.a.
F 6	23 50	17 59	4 4	18 42	4 4	15 34	1 17	17 38	0 3	24 9	0 22	8 10	2 12	16 38	0 45	18 56	1 16	13 41	15 36	5 34	5 15	13 31			n.a.
S 7	23 49	18 57	4 41	18 37	4 13	15 13	1 26	17 49	0 3	24 9	0 22	8 10	2 12	16 37	0 45	18 56	1 16	13 40	15 35	5 30	5 14	13 29			n.a.
S 8	23 48	18 39	4 59	18 34	4 20	14 52	1 35	18 0	0 2	24 10	0 22	8 10	2 12	16 36	0 45	18 57	1 16	13 39	15 34	5 26	5 12	13 28			n.a.
M 9	23 46	17 2	4 57	18 33	4 25	14 32	1 45	18 12	0 1	24 10	0 22	8 11	2 11	16 35	0 45	18 57	1 16	13 38	15 34	5 22	5 11	13 26			n.a.
T 10	23 44	14 16	4 34	18 33	4 30	14 11	1 54	18 23	0 0	24 11	0 23	8 11	2 11	16 34	0 45	18 58	1 16	13 38	15 33	5 18	5 10	13 25			n.a.
W11	23 41	10 34	3 53	18 35	4 32	13 51	2 4	18 33	0n 0	24 11	0 23	8 11	2 11	16 33	0 45	18 58	1 16	13 37	15 33	5 15	5 9	13 23			n.a.
T 12	23 38	6 18	2 57	18 39	4 33	13 30	2 14	18 44	0 1	24 12	0 23	8 11	2 11	16 32	0 45	18 58	1 16	13 36	15 32	5 13	5 7	13 22			n.a.
F 13	23 35	1 47	1 52	18 45	4 32	13 10	2 24	18 55	0 2	24 12	0 23	8 11	2 10	16 31	0 45	18 59	1 16	13 35	15 32	5 12	5 6	13 21			n.a.
S 14	23 31	2n44	0 41	18 52	4 30	12 50	2 34	19 5	0 3	24 12	0 23	8 12	2 10	16 30	0 45	18 59	1 16	13 35	15 31	5 12	5 5	13 19			n.a.
S 15	23 26	7 0	0s31	19 1	4 25	12 30	2 45	19 15	0 3	24 13	0 23	8 12	2 10	16 29	0 45	19 0	1 16	13 34	15 30	5 12	5 4	13 18			n.a.
M16	23 22	10 49	1 39	19 12	4 18	12 10	2 56	19 26	0 4	24 13	0 23	8 12	2 9	16 28	0 45	19 0	1 16	13 33	15 30	5 12	5 2	13 16			n.a.
T 17	23 17	14 1	2 40	19 24	4 10	11 51	3 7	19 36	0 5	24 13	0 23	8 13	2 9	16 27	0 45	19 0	1 16	13 32	15 29	5 11	5 1	13 15			n.a.
W18	23 11	16 30	3 32	19 37	3 59	11 31	3 18	19 45	0 6	24 13	0 23	8 13	2 9	16 26	0 45	19 1	1 16	13 31	15 29	5 8	5 0	13 13			n.a.
T 19	23 5	18 9	4 13	19 51	3 48	11 13	3 29	19 55	0 6	24 14	0 24	8 14	2 9	16 25	0 45	19 1	1 16	13 30	15 28	5 5	4 59	13 12			n.a.
F 20	22 59	18 55	4 42	20 6	3 34	10 54	3 41	20 5	0 7	24 14	0 24	8 14	2 8	16 24	0 45	19 1	1 16	13 29	15 28	5 1	4 57	13 11			n.a.
S 21	22 52	18 49	4 57	20 23	3 20	10 36	3 52	20 14	0 8	24 14	0 24	8 15	2 8	16 23	0 45	19 2	1 16	13 29	15 27	4 56	4 56	13 9			n.a.
S 22	22 45	17 51	4 59	20 39	3 4	10 18	4 4	20 23	0 9	24 14	0 24	8 15	2 8	16 22	0 45	19 2	1 16	13 28	15 26	4 50	4 55	13 8			n.a.
M23	22 37	16 6	4 47	20 57	2 48	10 1	4 16	20 32	0 9	24 14	0 24	8 16	2 8	16 21	0 45	19 2	1 16	13 27	15 26	4 45	4 54	13 6			n.a.
T 24	22 29	13 42	4 23	21 14	2 30	9 44	4 28	20 41	0 10	24 14	0 24	8 16	2 7	16 20	0 45	19 3	1 16	13 26	15 25	4 40	4 52	13 5			n.a.
W25	22 21	10 44	3 48	21 32	2 13	9 28	4 40	20 50	0 11	24 14	0 24	8 17	2 7	16 19	0 45	19 3	1 16	13 25	15 25	4 36	4 51	13 3			n.a.
T 26	22 12	7 21	3 3	21 49	1 55	9 12	4 52	20 59	0 12	24 15	0 24	8 18	2 7	16 18	0 45	19 3	1 16	13 24	15 24	4 33	4 50	13 2			n.a.
F 27	22 3	3 39	2 9	22 6	1 37	8 57	5 4	21 7	0 12	24 15	0 24	8 18	2 7	16 16	0 45	19 4	1 16	13 23	15 24	4 31	4 48	13 0			n.a.
S 28	21 53	0s13	1 10	22 23	1 20	8 42	5 17	21 15	0 13	24 15	0 25	8 19	2 6	16 15	0 45	19 4	1 16	13 22	15 23	4 30	4 47	12 59			n.a.
S 29	21 43	4 8	0 6	22 39	1 2	8 29	5 29	21 23	0 14	24 15	0 25	8 20	2 6	16 14	0 45	19 4	1 16	13 21	15 23	4 29	4 46	12 58			n.a.
M30	21 33	7 57	0n59	22 54	0 45	8 16	5 41	21 31	0 15	24 15	0 25	8 21	2 6	16 13	0 45	19 5	1 16	13 20	15 22	4 29	4 45	12 56			n.a.
T 31	21n22	11s31	2n 4	23n 8	0s29	8n 3	5s54	21n39	0n16	24n15	0n25	8s22	2n 6	16n12	0n45	19n 5	1s16	13n19	15n22	4s29	4s43	12n55			n.a.

Julian Day Number = 1274173.5, Delta T = 08h14m18s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'34, Lahiri = -20°51'33 Julian Calendar 1 July 1225 BCE == Greg. Calendar 20 June 1225 BCE

The year -1224 astronomical counting style corresponds to year 1225 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1225 BCE
geocentric

AUGUST 1225 BCE (-1224) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 54 13	26♋38'00	18♏20	8♋37	24°R23	5♊ 8	1♋47	26♎19	18♌41	29♉16	1♎46	11°R 8	11♎42	13♌22	n.a.	W 1
T 2	19 58 9	27°36'25	1♐59	9°40	24♌21	5°45	2° 0	26°21	18°45	29°18	1°48	11♎ 4	11°39	13°29	n.a.	T 2
F 3	20 2 6	28°34'51	16° 8	10°49	24°16	6°22	2°12	26°23	18°48	29°19	1°49	10°58	11°36	13°36	n.a.	F 3
S 4	20 6 2	29°33'19	0♑46	12° 5	24° 8	6°58	2°25	26°25	18°52	29°20	1°50	10°49	11°33	13°42	n.a.	S 4
S 5	20 9 59	0♌31'48	15°47	13°27	23°58	7°35	2°37	26°27	18°56	29°21	1°52	10°39	11°30	13°49	n.a.	S 5
M 6	20 13 55	1°30'20	1♒ 2	14°54	23°46	8°12	2°49	26°30	18°59	29°23	1°53	10°29	11°26	13°56	n.a.	M 6
T 7	20 17 52	2°28'54	16°20	16°25	23°31	8°48	3° 2	26°32	19° 3	29°24	1°55	10°20	11°23	14° 3	n.a.	T 7
W 8	20 21 48	3°27'29	1♓31	18° 0	23°14	9°25	3°14	26°34	19° 7	29°25	1°56	10°13	11°20	14° 9	n.a.	W 8
T 9	20 25 45	4°26'07	16°24	19°39	22°55	10° 1	3°26	26°37	19°10	29°26	1°58	10° 9	11°17	14°16	n.a.	T 9
F 10	20 29 42	5°24'48	0♈53	21°21	22°34	10°38	3°38	26°40	19°14	29°27	1°59	10° 7	11°14	14°23	n.a.	F 10
S 11	20 33 38	6°23'30	14°56	23° 5	22°10	11°14	3°50	26°42	19°18	29°29	2° 1	10°D 6	11°11	14°29	n.a.	S 11
S 12	20 37 35	7°22'15	28°32	24°52	21°44	11°50	4° 2	26°45	19°22	29°30	2° 2	10° 7	11° 7	14°36	n.a.	S 12
M13	20 41 31	8°21'03	11♉44	26°39	21°17	12°26	4°14	26°48	19°25	29°31	2° 4	10°R 7	11° 4	14°43	n.a.	M13
T 14	20 45 28	9°19'53	24°34	28°28	20°48	13° 2	4°26	26°51	19°29	29°32	2° 6	10° 6	11° 1	14°49	n.a.	T 14
W15	20 49 24	10°18'45	7♊ 7	0♌18	20°17	13°38	4°38	26°54	19°33	29°33	2° 7	10° 2	10°58	14°56	n.a.	W15
T 16	20 53 21	11°17'40	19°27	2° 8	19°44	14°14	4°50	26°57	19°37	29°34	2° 9	9°57	10°55	15° 3	n.a.	T 16
F 17	20 57 17	12°16'37	1♋36	3°59	19°11	14°50	5° 2	27° 1	19°40	29°35	2°11	9°49	10°52	15°10	n.a.	F 17
S 18	21 1 14	13°15'37	13°38	5°49	18°36	15°25	5°14	27° 4	19°44	29°35	2°12	9°39	10°48	15°16	n.a.	S 18
S 19	21 5 10	14°14'39	25°34	7°40	18° 1	16° 1	5°25	27° 7	19°48	29°36	2°14	9°28	10°45	15°23	n.a.	S 19
M20	21 9 7	15°13'43	7♌26	9°30	17°25	16°37	5°37	27°11	19°52	29°37	2°16	9°17	10°42	15°30	n.a.	M20
T 21	21 13 4	16°12'49	19°17	11°20	16°48	17°12	5°48	27°15	19°56	29°38	2°18	9° 7	10°39	15°36	n.a.	T 21
W22	21 17 0	17°11'58	1♍ 7	13° 9	16°12	17°47	6° 0	27°18	19°59	29°39	2°20	8°59	10°36	15°43	n.a.	W22
T 23	21 20 57	18°11'08	12°58	14°58	15°35	18°23	6°11	27°22	20° 3	29°40	2°22	8°53	10°32	15°50	n.a.	T 23
F 24	21 24 53	19°10'21	24°54	16°46	14°59	18°58	6°22	27°26	20° 7	29°40	2°23	8°50	10°29	15°56	n.a.	F 24
S 25	21 28 50	20° 9'35	6♎55	18°33	14°24	19°33	6°34	27°30	20°11	29°41	2°25	8°D49	10°26	16° 3	n.a.	S 25
S 26	21 32 46	21° 8'52	19° 6	20°20	13°49	20° 8	6°45	27°34	20°15	29°42	2°27	8°49	10°23	16°10	n.a.	S 26
M27	21 36 43	22° 8'10	1♏32	22° 6	13°15	20°43	6°56	27°38	20°18	29°42	2°29	8°51	10°20	16°16	n.a.	M27
T 28	21 40 39	23° 7'31	14°15	23°51	12°43	21°18	7° 7	27°42	20°22	29°43	2°31	8°52	10°17	16°23	n.a.	T 28
W29	21 44 36	24° 6'53	27°20	25°35	12°12	21°52	7°18	27°46	20°26	29°43	2°33	8°R52	10°13	16°30	n.a.	W29
T 30	21 48 32	25° 6'18	10♐51	27°19	11°42	22°27	7°28	27°50	20°30	29°44	2°35	8°51	10°10	16°37	n.a.	T 30
F 31	21 52 29	26♌ 5'44	24♐50	29♌ 1	11♌15	23♊ 1	7♋39	27♎55	20♌34	29♉44	2♎37	8♎48	10♎ 7	16♌43	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	21n11	14s38	3n 4	23n20	0s13	7n52	6s 6	21n47	0n16	24n15	0n25	8s23	2n 5	16n11	0n45	19n 5	1s16	13n18	15n21	4s29	4s42	12n53			n.a.
T 2	20 59	17 4	3 55	23 30	0n 2	7 41	6 18	21 54	0 17	24 15	0 25	8 24	2 5	16 10	0 45	19 5	1 16	13 17	15 21	4 27	4 41	12 52			n.a.
F 3	20 47	18 33	4 35	23 39	0 16	7 32	6 30	22 2	0 18	24 14	0 25	8 25	2 5	16 8	0 45	19 6	1 16	13 16	15 20	4 24	4 40	12 50			n.a.
S 4	20 35	18 52	4 58	23 45	0 29	7 23	6 42	22 9	0 19	24 14	0 26	8 26	2 5	16 7	0 45	19 6	1 16	13 15	15 20	4 21	4 38	12 49			n.a.
S 5	20 22	17 54	5 1	23 49	0 41	7 15	6 54	22 16	0 20	24 14	0 26	8 27	2 4	16 6	0 45	19 6	1 16	13 14	15 19	4 17	4 37	12 47			n.a.
M 6	20 9	15 39	4 43	23 51	0 52	7 8	7 5	22 23	0 21	24 14	0 26	8 28	2 4	16 5	0 45	19 6	1 16	13 13	15 19	4 13	4 36	12 46			n.a.
T 7	19 56	12 18	4 5	23 50	1 2	7 3	7 16	22 29	0 21	24 14	0 26	8 29	2 4	16 4	0 45	19 7	1 17	13 12	15 18	4 9	4 35	12 44			n.a.
W 8	19 42	8 9	3 10	23 47	1 11	6 58	7 27	22 36	0 22	24 14	0 26	8 30	2 4	16 3	0 45	19 7	1 17	13 11	15 18	4 7	4 33	12 43			n.a.
T 9	19 28	3 34	2 3	23 41	1 19	6 54	7 37	22 42	0 23	24 14	0 26	8 31	2 3	16 1	0 45	19 7	1 17	13 10	15 17	4 5	4 32	12 41			n.a.
F 10	19 14	1n 6	0 49	23 32	1 26	6 52	7 47	22 48	0 24	24 13	0 26	8 32	2 3	16 0	0 45	19 7	1 17	13 9	15 17	4 4	4 31	12 40			n.a.
S 11	18 59	5 35	0s26	23 21	1 33	6 51	7 56	22 54	0 25	24 13	0 26	8 34	2 3	15 59	0 45	19 8	1 17	13 8	15 16	4 4	4 30	12 39			n.a.
S 12	18 44	9 38	1 37	23 7	1 38	6 50	8 5	23 0	0 26	24 13	0 27	8 35	2 3	15 58	0 45	19 8	1 17	13 7	15 16	4 4	4 28	12 37			n.a.
M13	18 29	13 4	2 40	22 50	1 42	6 51	8 13	23 6	0 26	24 13	0 27	8 36	2 2	15 57	0 45	19 8	1 17	13 6	15 15	4 4	4 27	12 36			n.a.
T 14	18 13	15 46	3 34	22 32	1 45	6 54	8 21	23 11	0 27	24 13	0 27	8 37	2 2	15 55	0 44	19 8	1 17	13 5	15 15	4 4	4 26	12 34			n.a.
W15	17 57	17 39	4 16	22 11	1 48	6 57	8 27	23 17	0 28	24 12	0 27	8 39	2 2	15 54	0 44	19 8	1 17	13 4	15 14	4 2	4 25	12 33			n.a.
T 16	17 41	18 40	4 46	21 47	1 50	7 1	8 33	23 22	0 29	24 12	0 27	8 40	2 2	15 53	0 44	19 9	1 17	13 3	15 14	4 0	4 23	12 31			n.a.
F 17	17 24	18 48	5 2	21 22	1 51	7 7	8 38	23 27	0 30	24 12	0 27	8 42	2 1	15 52	0 44	19 9	1 17	13 1	15 13	3 57	4 22	12 30			n.a.
S 18	17 7	18 5	5 4	20 55	1 51	7 13	8 43	23 32	0 31	24 11	0 27	8 43	2 1	15 51	0 44	19 9	1 17	13 0	15 13	3 53	4 21	12 28			n.a.
S 19	16 50	16 35	4 53	20 26	1 51	7 21	8 46	23 37	0 32	24 11	0 28	8 44	2 1	15 49	0 44	19 9	1 17	12 59	15 13	3 49	4 19	12 27			n.a.
M20	16 32	14 23	4 29	19 56	1 50	7 29	8 48	23 41	0 33	24 11	0 28	8 46	2 1	15 48	0 44	19 9	1 17	12 58	15 12	3 44	4 18	12 25			n.a.
T 21	16 14	11 35	3 54	19 24	1 48	7 38	8 50	23 46	0 33	24 10	0 28	8 47	2 1	15 47	0 44	19 9	1 17	12 57	15 12	3 40	4 17	12 24			n.a.
W22	15 56	8 19	3 9	18 50	1 46	7 49	8 50	23 50	0 34	24 10	0 28	8 49	2 0	15 46	0 44	19 10	1 17	12 56	15 11	3 37	4 16	12 22			n.a.
T 23	15 38	4 44	2 15	18 16	1 44	8 0	8 50	23 54	0 35	24 10	0 28	8 51	2 0	15 45	0 44	19 10	1 17	12 55	15 11	3 35	4 14	12 21			n.a.
F 24	15 19	0 56	1 14	17 40	1 41	8 11	8 48	23 58	0 36	24 9	0 28	8 52	2 0	15 43	0 44	19 10	1 17	12 54	15 11	3 33	4 13	12 19			n.a.
S 25	15 0	2s57	0 10	17 3	1 37	8 24	8 46	24 2	0 37	24 9	0 28	8 54	2 0	15 42	0 44	19 10	1 17	12 53	15 10	3 33	4 12	12 18			n.a.
S 26	14 41	6 45	0n55	16 26	1 34	8 37	8 43	24 6	0 38	24 8	0 29	8 55	1 59	15 41	0 44	19 10	1 17	12 51	15 10	3 33	4 11	12 16			n.a.
M27	14 22	10 20	2 0	15 47	1 30	8 50	8 38	24 9	0 39	24 8	0 29	8 57	1 59	15 40	0 44	19 10	1 17	12 50	15 9	3 34	4 9	12 15			n.a.
T 28	14 2	13 31	3 0	15 8	1 25	9 4	8 33	24 13	0 40	24 7	0 29	8 59	1 59	15 38	0 44	19 10	1 17	12 49	15 9	3 34	4 8	12 13			n.a.
W29	13 42	16 7	3 52	14 28	1 21	9 18	8 27	24 16	0 41	24 7	0 29	9 1	1 59	15 37	0 44	19 10	1 17	12 48	15 9	3 34	4 7	12 12			n.a.
T 30	13 22	17 55	4 34	13 47	1 16	9 32	8 21	24 19	0 42	24 7	0 29	9 2	1 59	15 36	0 44	19 10	1 17	12 47	15 8	3 34	4 6	12 10			n.a.
F 31	13n 2	18s43	5n 1	13n 6	1n10	9n47	8s13	24n22	0n43	24n 6	0n29	9s 4	1n58	15n35	0n45	19n10	1s17	12n46	15n 8	3s33	4s 4	12n 9			n.a.

Julian Day Number = 1274204.5, Delta T = 08h14m16s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'30, Lahiri = -20°51'29 Julian Calendar 1 Aug. 1225 BCE == Greg. Calendar 21 July 1225 BCE

The year -1224 astronomical counting style corresponds to year 1225 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1225 BCE
geocentric

SEPTEMBER 1225 BCE (-1224) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 56 26	27♌ 5'12	9♉16	0♍43	10°R49	23♊36	7♋50	27♎59	20♌37	29♉45	2♎39	8°R43	10♎ 4	16♌50	n.a.	S 1
S 2	22 0 22	28° 4'42	24° 6	2°25	10♌25	24°10	8° 0	28° 4	20°41	29°45	2°42	8♎37	10° 1	16°57	n.a.	S 2
M 3	22 4 19	29° 4'14	9♒14	4° 5	10° 4	24°44	8°11	28° 8	20°45	29°45	2°44	8°31	9°57	17° 3	n.a.	M 3
T 4	22 8 15	0♍ 3'48	24°30	5°45	9°44	25°18	8°21	28°13	20°49	29°46	2°46	8°26	9°54	17°10	n.a.	T 4
W 5	22 12 12	1° 3'25	9♓43	7°24	9°27	25°52	8°32	28°18	20°53	29°46	2°48	8°22	9°51	17°17	n.a.	W 5
T 6	22 16 8	2° 3'03	24°44	9° 2	9°13	26°26	8°42	28°22	20°56	29°46	2°50	8°19	9°48	17°23	n.a.	T 6
F 7	22 20 5	3° 2'44	9♈24	10°40	9° 1	27° 0	8°52	28°27	21° 0	29°47	2°52	8°D18	9°45	17°30	n.a.	F 7
S 8	22 24 1	4° 2'27	23°38	12°17	8°51	27°34	9° 2	28°32	21° 4	29°47	2°54	8°19	9°42	17°37	n.a.	S 8
S 9	22 27 58	5° 2'12	7♉25	13°53	8°44	28° 7	9°12	28°37	21° 8	29°47	2°57	8°21	9°38	17°44	n.a.	S 9
M10	22 31 54	6° 2'00	20°44	15°29	8°39	28°41	9°22	28°42	21°11	29°47	2°59	8°22	9°35	17°50	n.a.	M10
T 11	22 35 51	7° 1'50	3♊39	17° 4	8°D37	29°14	9°31	28°47	21°15	29°47	3° 1	8°R23	9°32	17°57	n.a.	T 11
W12	22 39 48	8° 1'43	16°13	18°38	8°37	29°47	9°41	28°53	21°19	29°47	3° 3	8°23	9°29	18° 4	n.a.	W12
T 13	22 43 44	9° 1'38	28°30	20°12	8°39	0♋20	9°50	28°58	21°22	29°47	3° 6	8°21	9°26	18°10	n.a.	T 13
F 14	22 47 41	10° 1'35	10♋35	21°45	8°44	0°53	10° 0	29° 3	21°26	29°R47	3° 8	8°18	9°23	18°17	n.a.	F 14
S 15	22 51 37	11° 1'35	22°32	23°18	8°51	1°26	10° 9	29° 8	21°30	29°47	3°10	8°14	9°19	18°24	n.a.	S 15
S 16	22 55 34	12° 1'37	4♌24	24°50	9° 1	1°59	10°18	29°14	21°33	29°47	3°12	8° 9	9°16	18°30	n.a.	S 16
M17	22 59 30	13° 1'41	16°14	26°21	9°12	2°31	10°27	29°19	21°37	29°47	3°15	8° 5	9°13	18°37	n.a.	M17
T 18	23 3 27	14° 1'47	28° 5	27°52	9°26	3° 4	10°36	29°25	21°41	29°47	3°17	8° 1	9°10	18°44	n.a.	T 18
W19	23 7 23	15° 1'55	9♍58	29°23	9°42	3°36	10°45	29°31	21°44	29°47	3°19	7°57	9° 7	18°50	n.a.	W19
T 20	23 11 20	16° 2'05	21°56	0♎53	10° 0	4° 8	10°54	29°36	21°48	29°47	3°22	7°55	9° 3	18°57	n.a.	T 20
F 21	23 15 17	17° 2'17	4♎ 1	2°22	10°20	4°41	11° 2	29°42	21°51	29°46	3°24	7°D54	9° 0	19° 4	n.a.	F 21
S 22	23 19 13	18° 2'31	16°14	3°51	10°41	5°12	11°11	29°48	21°55	29°46	3°26	7°54	8°57	19°11	n.a.	S 22
S 23	23 23 10	19° 2'47	28°37	5°19	11° 5	5°44	11°19	29°53	21°58	29°46	3°29	7°55	8°54	19°17	n.a.	S 23
M24	23 27 6	20° 3'05	11♏12	6°47	11°30	6°16	11°27	29°59	22° 2	29°46	3°31	7°57	8°51	19°24	n.a.	M24
T 25	23 31 3	21° 3'24	24° 2	8°14	11°57	6°47	11°35	0♏ 5	22° 5	29°45	3°34	7°58	8°48	19°31	n.a.	T 25
W26	23 34 59	22° 3'46	7♐10	9°40	12°26	7°19	11°43	0°11	22° 9	29°45	3°36	7°59	8°44	19°37	n.a.	W26
T 27	23 38 56	23° 4'08	20°38	11° 6	12°56	7°50	11°51	0°17	22°12	29°44	3°38	8°R 0	8°41	19°44	n.a.	T 27
F 28	23 42 52	24° 4'32	4♑26	12°31	13°28	8°21	11°59	0°23	22°16	29°44	3°41	8° 0	8°38	19°51	n.a.	F 28
S 29	23 46 49	25° 4'58	18°37	13°56	14° 1	8°52	12° 6	0°29	22°19	29°43	3°43	7°59	8°35	19°57	n.a.	S 29
S 30	23 50 45	26♍ 5'26	3♒ 7	15♎19	14♌36	9♋23	12♋14	0♏35	22♌22	29♉43	3♎46	7♎58	8♎32	20♌ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n41	18s21	5n10	12n25	1n 5	10n 2	8s 5	24n24	0n44	24n 6	0n30	9s 6	1n58	15n33	0n45	19n10	1s17	12n45	15n 8	3s31	4s 3	12n 7		n.a.
S 2	12 20	16 45	4 59	11 43	0 59	10 16	7 57	24 27	0 45	24 5	0 30	9 8	1 58	15 32	0 45	19 11	1 17	12 44	15 7	3 28	4 2	12 6		n.a.
M 3	11 59	13 57	4 27	11 0	0 54	10 31	7 47	24 29	0 46	24 5	0 30	9 10	1 58	15 31	0 45	19 11	1 17	12 42	15 7	3 26	4 0	12 4		n.a.
T 4	11 38	10 11	3 36	10 18	0 48	10 45	7 38	24 32	0 47	24 4	0 30	9 11	1 58	15 30	0 45	19 11	1 17	12 41	15 7	3 24	3 59	12 3		n.a.
W 5	11 17	5 45	2 29	9 35	0 42	11 0	7 27	24 34	0 47	24 4	0 30	9 13	1 57	15 29	0 45	19 11	1 17	12 40	15 6	3 22	3 58	12 1		n.a.
T 6	10 55	1 0	1 13	8 51	0 35	11 14	7 17	24 36	0 48	24 3	0 30	9 15	1 57	15 27	0 45	19 11	1 17	12 39	15 6	3 21	3 57	12 0		n.a.
F 7	10 33	3n42	0s 6	8 8	0 29	11 27	7 6	24 38	0 49	24 3	0 31	9 17	1 57	15 26	0 45	19 11	1 18	12 38	15 6	3 21	3 55	11 58		n.a.
S 8	10 11	8 3	1 23	7 25	0 22	11 41	6 54	24 39	0 50	24 2	0 31	9 19	1 57	15 25	0 45	19 11	1 18	12 37	15 5	3 21	3 54	11 57		n.a.
S 9	9 49	11 49	2 32	6 41	0 16	11 54	6 43	24 41	0 51	24 2	0 31	9 21	1 57	15 24	0 45	19 11	1 18	12 36	15 5	3 22	3 53	11 55		n.a.
M10	9 27	14 50	3 31	5 58	0 9	12 6	6 31	24 42	0 52	24 1	0 31	9 23	1 56	15 23	0 45	19 11	1 18	12 34	15 5	3 22	3 52	11 54		n.a.
T 11	9 4	17 1	4 18	5 14	0 3	12 19	6 19	24 44	0 54	24 1	0 31	9 25	1 56	15 21	0 45	19 11	1 18	12 33	15 5	3 23	3 50	11 52		n.a.
W12	8 42	18 18	4 50	4 30	0s 4	12 30	6 7	24 45	0 55	24 0	0 31	9 27	1 56	15 20	0 45	19 11	1 18	12 32	15 4	3 23	3 49	11 51		n.a.
T 13	8 19	18 41	5 9	3 47	0 11	12 41	5 55	24 46	0 56	24 0	0 32	9 29	1 56	15 19	0 45	19 11	1 18	12 31	15 4	3 22	3 48	11 49		n.a.
F 14	7 56	18 12	5 13	3 3	0 18	12 52	5 43	24 47	0 57	23 59	0 32	9 31	1 56	15 18	0 45	19 11	1 18	12 30	15 4	3 21	3 46	11 47		n.a.
S 15	7 33	16 56	5 4	2 20	0 24	13 2	5 30	24 47	0 58	23 58	0 32	9 33	1 55	15 17	0 45	19 11	1 18	12 29	15 4	3 19	3 45	11 46		n.a.
S 16	7 10	14 56	4 41	1 37	0 31	13 11	5 18	24 48	0 59	23 58	0 32	9 35	1 55	15 15	0 45	19 11	1 18	12 28	15 3	3 17	3 44	11 44		n.a.
M17	6 46	12 19	4 7	0 54	0 38	13 20	5 6	24 49	1 0	23 57	0 32	9 37	1 55	15 14	0 45	19 10	1 18	12 26	15 3	3 15	3 43	11 43		n.a.
T 18	6 23	9 11	3 22	0 11	0 45	13 28	4 53	24 49	1 1	23 57	0 33	9 40	1 55	15 13	0 45	19 10	1 18	12 25	15 3	3 14	3 41	11 41		n.a.
W19	5 59	5 41	2 28	0s32	0 51	13 36	4 41	24 49	1 2	23 56	0 33	9 42	1 55	15 12	0 45	19 10	1 18	12 24	15 3	3 12	3 40	11 40		n.a.
T 20	5 36	1 55	1 27	1 14	0 58	13 43	4 29	24 49	1 3	23 56	0 33	9 44	1 55	15 11	0 45	19 10	1 18	12 23	15 2	3 12	3 39	11 38		n.a.
F 21	5 12	1s57	0 21	1 56	1 5	13 49	4 17	24 49	1 4	23 55	0 33	9 46	1 54	15 10	0 45	19 10	1 18	12 22	15 2	3 11	3 38	11 37		n.a.
S 22	4 48	5 47	0n46	2 38	1 11	13 55	4 5	24 49	1 5	23 55	0 33	9 48	1 54	15 8	0 45	19 10	1 18	12 21	15 2	3 11	3 36	11 35		n.a.
S 23	4 24	9 25	1 52	3 20	1 17	14 0	3 53	24 49	1 6	23 54	0 34	9 51	1 54	15 7	0 45	19 10	1 18	12 20	15 2	3 12	3 35	11 34		n.a.
M24	4 0	12 41	2 54	4 1	1 24	14 4	3 42	24 49	1 8	23 54	0 34	9 53	1 54	15 6	0 45	19 10	1 18	12 19	15 2	3 12	3 34	11 32		n.a.
T 25	3 36	15 24	3 48	4 41	1 30	14 8	3 30	24 48	1 9	23 53	0 34	9 55	1 54	15 5	0 45	19 10	1 18	12 18	15 2	3 13	3 33	11 31		n.a.
W26	3 12	17 24	4 32	5 22	1 36	14 11	3 19	24 48	1 10	23 53	0 34	9 57	1 54	15 4	0 45	19 10	1 18	12 16	15 1	3 13	3 31	11 29		n.a.
T 27	2 48	18 28	5 2	6 1	1 42	14 13	3 8	24 47	1 11	23 52	0 34	10 0	1 53	15 3	0 45	19 10	1 18	12 15	15 1	3 13	3 30	11 27		n.a.
F 28	2 23	18 30	5 16	6 41	1 48	14 14	2 57	24 46	1 12	23 52	0 35	10 2	1 53	15 2	0 45	19 9	1 18	12 14	15 1	3 13	3 29	11 26		n.a.
S 29	1 59	17 23	5 11	7 19	1 53	14 15	2 46	24 45	1 13	23 51	0 35	10 4	1 53	15 1	0 45	19 9	1 18	12 13	15 1	3 13	3 27	11 24		n.a.
S 30	1n35	15s 8	4n47	7s57	1s59	14n15	2s35	24n44	1n15	23n51	0n35	10s 6	1n53	15n 0	0n45	19n 9	1s18	12n12	15n 1	3s12	3s26	11n23		n.a.

Julian Day Number = 1274235.5, Delta T = 08h14m15s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'25, Lahiri = -20°51'25 Julian Calendar 1 Sept. 1225 BCE == Greg. Calendar 21 Aug. 1225 BCE

The year -1224 astronomical counting style corresponds to year 1225 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1225 BCE
geocentric

OCTOBER 1225 BCE (-1224) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 54 42	27♍ 5'54	17♒53	16♎42	15♌12	9♋53	12♋21	0♏42	22♌26	29°R42	3♎48	7°R56	8♎28	20♌11	n.a.	M 1
T 2	23 58 39	28° 6'24	2♓49	18° 4	15°49	10°24	12°28	0°48	22°29	29♉42	3°50	7♎55	8°25	20°17	n.a.	T 2
W 3	0 2 35	29° 6'56	17°47	19°25	16°28	10°54	12°35	0°54	22°32	29°41	3°53	7°54	8°22	20°24	n.a.	W 3
T 4	0 6 32	0♎ 7'30	2♈39	20°44	17° 8	11°24	12°42	1° 0	22°35	29°40	3°55	7°D54	8°19	20°31	n.a.	T 4
F 5	0 10 28	1° 8'05	17°17	22° 2	17°49	11°54	12°49	1° 7	22°39	29°40	3°58	7°54	8°16	20°37	n.a.	F 5
S 6	0 14 25	2° 8'42	1♉35	23°19	18°31	12°24	12°55	1°13	22°42	29°39	4° 0	7°54	8°13	20°44	n.a.	S 6
S 7	0 18 21	3° 9'20	15°28	24°35	19°15	12°53	13° 2	1°19	22°45	29°38	4° 3	7°55	8° 9	20°51	n.a.	S 7
M 8	0 22 18	4°10'01	28°55	25°48	19°59	13°23	13° 8	1°26	22°48	29°37	4° 5	7°55	8° 6	20°58	n.a.	M 8
T 9	0 26 14	5°10'43	11♊57	27° 0	20°45	13°52	13°14	1°32	22°51	29°37	4° 7	7°55	8° 3	21° 4	n.a.	T 9
W10	0 30 11	6°11'27	24°37	28° 9	21°31	14°21	13°20	1°39	22°54	29°36	4°10	7°56	8° 0	21°11	n.a.	W10
T 11	0 34 8	7°12'13	6♋57	29°16	22°19	14°50	13°26	1°45	22°57	29°35	4°12	7°56	7°57	21°18	n.a.	T 11
F 12	0 38 4	8°13'01	19° 3	0♏19	23° 7	15°18	13°31	1°52	23° 0	29°34	4°15	7°56	7°54	21°24	n.a.	F 12
S 13	0 42 1	9°13'51	0♌59	1°20	23°56	15°47	13°37	1°59	23° 3	29°33	4°17	7°56	7°50	21°31	n.a.	S 13
S 14	0 45 57	10°14'42	12°50	2°17	24°47	16°15	13°42	2° 5	23° 6	29°32	4°20	7°56	7°47	21°38	n.a.	S 14
M15	0 49 54	11°15'35	24°39	3° 9	25°38	16°43	13°47	2°12	23° 9	29°31	4°22	7°56	7°44	21°44	n.a.	M15
T 16	0 53 50	12°16'29	6♍32	3°57	26°29	17°11	13°52	2°19	23°12	29°30	4°24	7°57	7°41	21°51	n.a.	T 16
W17	0 57 47	13°17'25	18°30	4°39	27°22	17°38	13°57	2°25	23°14	29°29	4°27	7°57	7°38	21°58	n.a.	W17
T 18	1 1 43	14°18'22	0♎37	5°16	28°15	18° 6	14° 1	2°32	23°17	29°28	4°29	7°57	7°34	22° 4	n.a.	T 18
F 19	1 5 40	15°19'20	12°54	5°45	29° 9	18°33	14° 6	2°39	23°20	29°27	4°32	7°R57	7°31	22°11	n.a.	F 19
S 20	1 9 37	16°20'20	25°24	6° 7	0♍ 3	19° 0	14°10	2°46	23°22	29°26	4°34	7°57	7°28	22°18	n.a.	S 20
S 21	1 13 33	17°21'21	8♏ 6	6°20	0°59	19°26	14°14	2°52	23°25	29°25	4°36	7°56	7°25	22°24	n.a.	S 21
M22	1 17 30	18°22'23	21° 1	6°R24	1°54	19°53	14°18	2°59	23°28	29°23	4°39	7°55	7°22	22°31	n.a.	M22
T 23	1 21 26	19°23'26	4♐10	6°18	2°51	20°19	14°22	3° 6	23°30	29°22	4°41	7°53	7°19	22°38	n.a.	T 23
W24	1 25 23	20°24'30	17°33	6° 1	3°48	20°45	14°25	3°13	23°33	29°21	4°44	7°52	7°15	22°45	n.a.	W24
T 25	1 29 19	21°25'35	1♑ 8	5°33	4°45	21°10	14°29	3°20	23°35	29°20	4°46	7°50	7°12	22°51	n.a.	T 25
F 26	1 33 16	22°26'40	14°57	4°55	5°43	21°36	14°32	3°27	23°38	29°18	4°48	7°50	7° 9	22°58	n.a.	F 26
S 27	1 37 12	23°27'47	28°58	4° 5	6°42	22° 1	14°35	3°34	23°40	29°17	4°51	7°D50	7° 6	23° 5	n.a.	S 27
S 28	1 41 9	24°28'53	13♒11	3° 5	7°41	22°26	14°38	3°41	23°42	29°16	4°53	7°50	7° 3	23°11	n.a.	S 28
M29	1 45 6	25°30'01	27°33	1°56	8°41	22°50	14°41	3°48	23°45	29°14	4°55	7°51	6°59	23°18	n.a.	M29
T 30	1 49 2	26°31'09	12♓ 1	0°40	9°41	23°15	14°43	3°55	23°47	29°13	4°58	7°53	6°56	23°25	n.a.	T 30
W31	1 52 59	27♎32'17	26♓32	29♎19	10♍41	23♋39	14♋45	4♏ 2	23♌49	29♉12	5♎ 0	7♎54	6♎53	23♌31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n10	11s52	4n 3	8s34	2s 4	14n15	2s25	24n43	1n16	23n50	0n35	10s 9	1n53	14n58	0n45	19n 9	1s18	12n11	15n 1	3s12	3s25	11n21			n.a.
T 2	0 46	7 48	3 3	9 11	2 9	14 13	2 14	24 42	1 17	23 50	0 35	10 11	1 53	14 57	0 45	19 9	1 18	12 10	15 1	3 11	3 24	11 20			n.a.
W 3	0 21	3 14	1 49	9 46	2 13	14 11	2 4	24 41	1 18	23 49	0 36	10 13	1 53	14 56	0 45	19 9	1 18	12 9	15 1	3 11	3 22	11 18			n.a.
T 4	0s 3	1n31	0 29	10 21	2 18	14 9	1 54	24 39	1 19	23 49	0 36	10 16	1 52	14 55	0 45	19 8	1 18	12 8	15 0	3 11	3 21	11 17			n.a.
F 5	0 28	6 6	0s52	10 54	2 22	14 5	1 45	24 38	1 21	23 48	0 36	10 18	1 52	14 54	0 45	19 8	1 18	12 7	15 0	3 11	3 20	11 15			n.a.
S 6	0 52	10 13	2 8	11 27	2 25	14 1	1 35	24 36	1 22	23 48	0 36	10 20	1 52	14 53	0 45	19 8	1 18	12 6	15 0	3 11	3 19	11 13			n.a.
S 7	1 16	13 39	3 14	11 58	2 29	13 57	1 26	24 35	1 23	23 48	0 36	10 23	1 52	14 52	0 45	19 8	1 18	12 5	15 0	3 11	3 17	11 12			n.a.
M 8	1 41	16 14	4 7	12 29	2 31	13 51	1 16	24 33	1 24	23 47	0 37	10 25	1 52	14 51	0 45	19 8	1 18	12 4	15 0	3 11	3 16	11 10			n.a.
T 9	2 5	17 53	4 46	12 57	2 34	13 45	1 7	24 31	1 26	23 47	0 37	10 28	1 52	14 50	0 45	19 8	1 19	12 3	15 0	3 12	3 15	11 9			n.a.
W10	2 30	18 34	5 9	13 24	2 36	13 38	0 59	24 29	1 27	23 46	0 37	10 30	1 52	14 49	0 45	19 7	1 19	12 2	15 0	3 12	3 13	11 7			n.a.
T 11	2 54	18 22	5 18	13 50	2 37	13 31	0 50	24 28	1 28	23 46	0 37	10 32	1 52	14 48	0 45	19 7	1 19	12 1	15 0	3 12	3 12	11 6			n.a.
F 12	3 19	17 19	5 12	14 14	2 37	13 23	0 42	24 26	1 30	23 46	0 38	10 35	1 52	14 47	0 45	19 7	1 19	12 0	15 0	3 12	3 11	11 4			n.a.
S 13	3 43	15 31	4 53	14 35	2 37	13 14	0 34	24 24	1 31	23 45	0 38	10 37	1 51	14 46	0 45	19 7	1 19	11 59	15 0	3 12	3 10	11 2			n.a.
S 14	4 7	13 4	4 21	14 54	2 37	13 5	0 25	24 21	1 32	23 45	0 38	10 40	1 51	14 45	0 45	19 6	1 19	11 58	15 0	3 12	3 8	11 1			n.a.
M15	4 32	10 6	3 38	15 11	2 35	12 55	0 18	24 19	1 34	23 45	0 38	10 42	1 51	14 44	0 45	19 6	1 19	11 57	15 0	3 12	3 7	10 59			n.a.
T 16	4 56	6 42	2 46	15 26	2 32	12 44	0 10	24 17	1 35	23 44	0 38	10 44	1 51	14 44	0 45	19 6	1 19	11 56	15 0	3 12	3 6	10 58			n.a.
W17	5 20	3 0	1 46	15 37	2 29	12 33	0 3	24 15	1 36	23 44	0 39	10 47	1 51	14 43	0 45	19 6	1 19	11 55	15 0	3 12	3 4	10 56			n.a.
T 18	5 44	0s52	0 41	15 45	2 24	12 21	0n 5	24 12	1 38	23 44	0 39	10 49	1 51	14 42	0 45	19 5	1 19	11 54	15 0	3 12	3 3	10 55			n.a.
F 19	6 8	4 46	0n27	15 49	2 18	12 9	0 12	24 10	1 39	23 44	0 39	10 52	1 51	14 41	0 46	19 5	1 19	11 53	15 0	3 12	3 2	10 53			n.a.
S 20	6 32	8 30	1 35	15 50	2 10	11 56	0 19	24 8	1 41	23 43	0 39	10 54	1 51	14 40	0 46	19 5	1 19	11 52	15 0	3 12	3 1	10 51			n.a.
S 21	6 55	11 56	2 40	15 46	2 2	11 42	0 25	24 5	1 42	23 43	0 40	10 57	1 51	14 39	0 46	19 5	1 19	11 51	15 0	3 12	2 59	10 50			n.a.
M22	7 19	14 50	3 37	15 38	1 51	11 28	0 32	24 3	1 44	23 43	0 40	10 59	1 51	14 38	0 46	19 4	1 19	11 50	15 0	3 11	2 58	10 48			n.a.
T 23	7 43	17 1	4 24	15 24	1 40	11 13	0 38	24 0	1 45	23 43	0 40	11 1	1 50	14 38	0 46	19 4	1 19	11 50	15 0	3 11	2 57	10 47			n.a.
W24	8 6	18 19	4 57	15 6	1 26	10 58	0 44	23 58	1 47	23 43	0 40	11 4	1 50	14 37	0 46	19 4	1 19	11 49	15 1	3 10	2 56	10 45			n.a.
T 25	8 29	18 36	5 14	14 42	1 11	10 42	0 50	23 55	1 48	23 42	0 41	11 6	1 50	14 36	0 46	19 3	1 19	11 48	15 1	3 10	2 54	10 44			n.a.
F 26	8 53	17 47	5 14	14 14	0 55	10 26	0 56	23 52	1 50	23 42	0 41	11 9	1 50	14 35	0 46	19 3	1 19	11 47	15 1	3 9	2 53	10 42			n.a.
S 27	9 16	15 53	4 55	13 40	0 36	10 9	1 1	23 50	1 51	23 42	0 41	11 11	1 50	14 34	0 46	19 3	1 19	11 46	15 1	3 9	2 52	10 40			n.a.
S 28	9 38	13 1	4 18	13 1	0 17	9 51	1 7	23 47	1 53	23 42	0 41	11 14	1 50	14 34	0 46	19 3	1 19	11 45	15 1	3 10	2 50	10 39			n.a.
M29	10 1	9 19	3 25	12 18	0n 3	9 34	1 12	23 45	1 54	23 42	0 42	11 16	1 50	14 33	0 46	19 2	1 19	11 45	15 1	3 10	2 49	10 37			n.a.
T 30	10 24	5 3	2 18	11 32	0 23	9 15	1 17	23 42	1 56	23 42	0 42	11 19	1 50	14 32	0 46	19 2	1 19	11 44	15 1	3 11	2 48	10 36			n.a.
W31	10s46	0s27	1n 2	10s44	0n44	8n56	1n22	23n39	1n57	23n42	0n42	11s21	1n50	14n31	0n46	19n 2	1s19	11n43	15n 1	3s11	2s47	10n34			n.a.

Julian Day Number = 1274265.5, Delta T = 08h14m13s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'21, Lahiri = -20°51'21 Julian Calendar 1 Oct. 1225 BCE == Greg. Calendar 20 Sept. 1225 BCE

The year -1224 astronomical counting style corresponds to year 1225 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1225 BCE
geocentric

NOVEMBER 1225 BCE (-1224) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 56 55	28♎33'26	10♈59	27°R56	11♍42	24♋ 2	14♋47	4♏ 8	23♌51	29°R10	5♎ 2	7°R54	6♎50	23♌38	n.a.	T 1
F 2	2 0 52	29°34'36	25°19	26♎34	12°44	24°26	14°49	4°15	23°53	29♉ 9	5° 5	7♎53	6°47	23°45	n.a.	F 2
S 3	2 4 48	0♏35'47	9♉25	25°15	13°46	24°49	14°51	4°22	23°55	29° 7	5° 7	7°51	6°44	23°51	n.a.	S 3
S 4	2 8 45	1°36'58	23°13	24° 3	14°48	25°11	14°53	4°29	23°57	29° 6	5° 9	7°48	6°40	23°58	n.a.	S 4
M 5	2 12 41	2°38'11	6♊40	22°58	15°50	25°34	14°54	4°36	23°59	29° 5	5°11	7°44	6°37	24° 5	n.a.	M 5
T 6	2 16 38	3°39'24	19°45	22° 3	16°53	25°56	14°55	4°43	24° 1	29° 3	5°13	7°40	6°34	24°11	n.a.	T 6
W 7	2 20 35	4°40'37	2♋28	21°18	17°57	26°18	14°56	4°50	24° 3	29° 2	5°16	7°36	6°31	24°18	n.a.	W 7
T 8	2 24 31	5°41'52	14°52	20°45	19° 0	26°39	14°57	4°57	24° 5	29° 0	5°18	7°33	6°28	24°25	n.a.	T 8
F 9	2 28 28	6°43'07	27° 1	20°23	20° 4	27° 0	14°57	5° 4	24° 7	28°58	5°20	7°31	6°25	24°31	n.a.	F 9
S 10	2 32 24	7°44'23	8♌58	20°11	21° 9	27°21	14°58	5°11	24° 8	28°57	5°22	7°D31	6°21	24°38	n.a.	S 10
S 11	2 36 21	8°45'40	20°49	20°D10	22°13	27°41	14°R58	5°18	24°10	28°55	5°24	7°31	6°18	24°45	n.a.	S 11
M12	2 40 17	9°46'57	2♍38	20°18	23°18	28° 1	14°58	5°25	24°12	28°54	5°26	7°33	6°15	24°51	n.a.	M12
T 13	2 44 14	10°48'15	14°32	20°35	24°24	28°21	14°57	5°32	24°13	28°52	5°29	7°35	6°12	24°58	n.a.	T 13
W14	2 48 10	11°49'33	26°33	21° 0	25°29	28°40	14°57	5°39	24°15	28°51	5°31	7°36	6° 9	25° 5	n.a.	W14
T 15	2 52 7	12°50'52	8♎47	21°32	26°35	28°59	14°56	5°46	24°16	28°49	5°33	7°R37	6° 5	25°12	n.a.	T 15
F 16	2 56 4	13°52'11	21°16	22°11	27°41	29°17	14°56	5°53	24°17	28°47	5°35	7°36	6° 2	25°18	n.a.	F 16
S 17	3 0 0	14°53'31	4♏ 2	22°55	28°48	29°35	14°55	6° 0	24°19	28°46	5°37	7°33	5°59	25°25	n.a.	S 17
S 18	3 3 57	15°54'50	17° 6	23°45	29°54	29°53	14°53	6° 7	24°20	28°44	5°39	7°28	5°56	25°32	n.a.	S 18
M19	3 7 53	16°56'10	0♐26	24°39	1♎ 1	0♌10	14°52	6°14	24°21	28°42	5°41	7°22	5°53	25°38	n.a.	M19
T 20	3 11 50	17°57'30	14° 2	25°37	2° 8	0°27	14°50	6°21	24°23	28°41	5°43	7°15	5°50	25°45	n.a.	T 20
W21	3 15 46	18°58'49	27°50	26°39	3°15	0°43	14°49	6°28	24°24	28°39	5°45	7° 8	5°46	25°52	n.a.	W21
T 22	3 19 43	20° 0'09	11♑47	27°44	4°23	0°58	14°47	6°35	24°25	28°37	5°46	7° 2	5°43	25°58	n.a.	T 22
F 23	3 23 40	21° 1'28	25°50	28°51	5°30	1°14	14°44	6°42	24°26	28°36	5°48	6°57	5°40	26° 5	n.a.	F 23
S 24	3 27 36	22° 2'47	9♒56	0♏ 1	6°38	1°28	14°42	6°48	24°27	28°34	5°50	6°54	5°37	26°12	n.a.	S 24
S 25	3 31 33	23° 4'05	24° 3	1°14	7°46	1°43	14°39	6°55	24°28	28°32	5°52	6°D54	5°34	26°18	n.a.	S 25
M26	3 35 29	24° 5'23	8♓11	2°28	8°54	1°56	14°37	7° 2	24°28	28°31	5°54	6°54	5°31	26°25	n.a.	M26
T 27	3 39 26	25° 6'40	22°16	3°44	10° 3	2°10	14°34	7° 9	24°29	28°29	5°56	6°56	5°27	26°32	n.a.	T 27
W28	3 43 22	26° 7'56	6♈19	5° 1	11°11	2°22	14°31	7°16	24°30	28°27	5°57	6°R56	5°24	26°38	n.a.	W28
T 29	3 47 19	27° 9'12	20°18	6°20	12°20	2°34	14°27	7°22	24°31	28°26	5°59	6°56	5°21	26°45	n.a.	T 29
F 30	3 51 15	28♏10'27	4♉ 9	7♏40	13♎29	2♌46	14♋24	7♏29	24♌31	28♉24	6♎ 1	6♎52	5♎18	26♌52	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	11s 8	4n 9	0s17	9s55	1n 4	8n37	1n27	23n37	1n59	23n42	0n42	11s23	1n50	14n31	0n46	19n 1	1s19	11n42	15n 1	3s11	2s45	10n32			n.a.
F 2	11 30	8 29	1 35	9 8	1 23	8 17	1 31	23 34	2 1	23 42	0 43	11 26	1 50	14 30	0 46	19 1	1 19	11 41	15 2	3 11	2 44	10 31			n.a.
S 3	11 52	12 16	2 45	8 22	1 41	7 57	1 36	23 31	2 2	23 42	0 43	11 28	1 50	14 29	0 46	19 1	1 19	11 41	15 2	3 10	2 43	10 29			n.a.
S 4	12 14	15 16	3 44	7 41	1 56	7 37	1 40	23 29	2 4	23 42	0 43	11 31	1 50	14 29	0 46	19 0	1 19	11 40	15 2	3 9	2 42	10 28			n.a.
M 5	12 35	17 22	4 29	7 4	2 10	7 16	1 44	23 26	2 6	23 42	0 43	11 33	1 50	14 28	0 46	19 0	1 19	11 39	15 2	3 7	2 40	10 26			n.a.
T 6	12 57	18 28	4 59	6 32	2 22	6 54	1 48	23 24	2 7	23 42	0 44	11 36	1 49	14 28	0 46	19 0	1 19	11 38	15 2	3 5	2 39	10 24			n.a.
W 7	13 18	18 36	5 13	6 7	2 31	6 33	1 51	23 21	2 9	23 43	0 44	11 38	1 49	14 27	0 46	18 59	1 19	11 38	15 2	3 4	2 38	10 23			n.a.
T 8	13 38	17 50	5 11	5 47	2 39	6 10	1 55	23 19	2 11	23 43	0 44	11 40	1 49	14 26	0 46	18 59	1 19	11 37	15 3	3 3	2 36	10 21			n.a.
F 9	13 59	16 16	4 56	5 34	2 44	5 48	1 58	23 16	2 13	23 43	0 44	11 43	1 49	14 26	0 46	18 59	1 19	11 36	15 3	3 2	2 35	10 20			n.a.
S 10	14 19	14 0	4 28	5 26	2 48	5 25	2 1	23 14	2 14	23 43	0 45	11 45	1 49	14 25	0 46	18 58	1 19	11 36	15 3	3 2	2 34	10 18			n.a.
S 11	14 39	11 11	3 49	5 24	2 49	5 2	2 4	23 11	2 16	23 43	0 45	11 48	1 49	14 25	0 46	18 58	1 19	11 35	15 3	3 2	2 33	10 16			n.a.
M12	14 59	7 55	3 0	5 27	2 50	4 38	2 7	23 9	2 18	23 44	0 45	11 50	1 49	14 24	0 46	18 58	1 19	11 35	15 4	3 3	2 31	10 15			n.a.
T 13	15 19	4 18	2 3	5 34	2 49	4 15	2 10	23 7	2 20	23 44	0 45	11 52	1 49	14 24	0 46	18 57	1 19	11 34	15 4	3 3	2 30	10 13			n.a.
W14	15 38	0 29	1 0	5 45	2 47	3 50	2 12	23 5	2 22	23 44	0 46	11 55	1 49	14 23	0 47	18 57	1 19	11 33	15 4	3 4	2 29	10 11			n.a.
T 15	15 57	3s26	0n 6	6 0	2 44	3 26	2 15	23 3	2 24	23 45	0 46	11 57	1 49	14 23	0 47	18 57	1 19	11 33	15 4	3 4	2 27	10 10			n.a.
F 16	16 16	7 17	1 14	6 19	2 40	3 1	2 17	23 0	2 25	23 45	0 46	11 59	1 49	14 23	0 47	18 56	1 19	11 32	15 5	3 4	2 26	10 8			n.a.
S 17	16 34	10 54	2 19	6 40	2 35	2 37	2 19	22 58	2 27	23 45	0 46	12 2	1 49	14 22	0 47	18 56	1 19	11 32	15 5	3 3	2 25	10 7			n.a.
S 18	16 53	14 3	3 18	7 3	2 30	2 11	2 21	22 57	2 29	23 46	0 47	12 4	1 49	14 22	0 47	18 55	1 19	11 31	15 5	3 1	2 24	10 5			n.a.
M19	17 10	16 33	4 8	7 28	2 24	1 46	2 23	22 55	2 31	23 46	0 47	12 6	1 49	14 21	0 47	18 55	1 19	11 31	15 5	2 58	2 22	10 3			n.a.
T 20	17 28	18 9	4 45	7 56	2 18	1 21	2 25	22 53	2 33	23 47	0 47	12 9	1 49	14 21	0 47	18 55	1 19	11 30	15 6	2 55	2 21	10 2			n.a.
W21	17 45	18 44	5 5	8 24	2 11	0 55	2 26	22 51	2 35	23 47	0 47	12 11	1 49	14 21	0 47	18 54	1 19	11 30	15 6	2 53	2 20	10 0			n.a.
T 22	18 2	18 11	5 8	8 54	2 4	0 29	2 27	22 50	2 37	23 47	0 48	12 13	1 49	14 20	0 47	18 54	1 19	11 29	15 6	2 50	2 19	9 58			n.a.
F 23	18 19	16 32	4 53	9 25	1 57	0 3	2 29	22 48	2 39	23 48	0 48	12 16	1 49	14 20	0 47	18 54	1 19	11 29	15 7	2 48	2 17	9 57			n.a.
S 24	18 35	13 53	4 20	9 57	1 50	0s23	2 30	22 47	2 41	23 49	0 48	12 18	1 49	14 20	0 47	18 53	1 19	11 28	15 7	2 47	2 16	9 55			n.a.
S 25	18 51	10 25	3 31	10 30	1 43	0 50	2 31	22 46	2 43	23 49	0 48	12 20	1 49	14 19	0 47	18 53	1 19	11 28	15 7	2 47	2 15	9 54			n.a.
M26	19 6	6 21	2 29	11 3	1 35	1 16	2 32	22 45	2 46	23 50	0 49	12 22	1 49	14 19	0 47	18 52	1 19	11 27	15 8	2 47	2 13	9 52			n.a.
T 27	19 22	1 55	1 18	11 36	1 27	1 43	2 32	22 44	2 48	23 50	0 49	12 25	1 49	14 19	0 47	18 52	1 19	11 27	15 8	2 48	2 12	9 50			n.a.
W28	19 36	2n36	0 3	12 10	1 19	2 10	2 33	22 43	2 50	23 51	0 49	12 27	1 49	14 19	0 47	18 52	1 19	11 26	15 8	2 48	2 11	9 49			n.a.
T 29	19 51	6 58	1s11	12 44	1 12	2 36	2 33	22 42	2 52	23 51	0 49	12 29	1 49	14 19	0 47	18 51	1 19	11 26	15 9	2 48	2 10	9 47			n.a.
F 30	20s 5	10n54	2s21	13s18	1n 4	3s 3	2n34	22n41	2n54	23n52	0n50	12s31	1n49	14n18	0n47	18n51	1s19	11n26	15n 9	2s46	2s 8	9n45			n.a.

Julian Day Number = 1274296.5, Delta T = 08h14m11s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'17, Lahiri = -20°51'17 Julian Calendar 1 Nov. 1225 BCE == Greg. Calendar 21 Oct. 1225 BCE

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ASTRODIENST EPHEMERIS for the year 1225 BCE
geocentric

DECEMBER 1225 BCE (-1224) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 55 12	29♏11'42	17♉52	9♏ 1	14♎38	2♌57	14°R20	7♏36	24♌32	28°R22	6♎ 2	6°R47	5♎15	26♌58	n.a.	S 1
S 2	3 59 9	0♐12'57	1♊21	10°24	15°47	3° 7	14♋16	7°42	24°32	28♉20	6° 4	6♎39	5°11	27° 5	n.a.	S 2
M 3	4 3 5	1°14'11	14°36	11°47	16°57	3°17	14°12	7°49	24°33	28°19	6° 6	6°29	5° 8	27°12	n.a.	M 3
T 4	4 7 2	2°15'24	27°34	13°11	18° 6	3°27	14° 8	7°56	24°33	28°17	6° 7	6°19	5° 5	27°18	n.a.	T 4
W 5	4 10 58	3°16'37	10♋14	14°36	19°16	3°35	14° 4	8° 2	24°33	28°15	6° 9	6° 8	5° 2	27°25	n.a.	W 5
T 6	4 14 55	4°17'50	22°37	16° 2	20°26	3°43	13°59	8° 9	24°34	28°14	6°10	5°59	4°59	27°32	n.a.	T 6
F 7	4 18 51	5°19'02	4♌46	17°29	21°36	3°51	13°54	8°15	24°34	28°12	6°12	5°52	4°56	27°38	n.a.	F 7
S 8	4 22 48	6°20'14	16°44	18°56	22°46	3°58	13°49	8°22	24°34	28°10	6°13	5°48	4°52	27°45	n.a.	S 8
S 9	4 26 45	7°21'25	28°35	20°24	23°56	4° 4	13°44	8°28	24°34	28° 9	6°15	5°45	4°49	27°52	n.a.	S 9
M10	4 30 41	8°22'35	10♍23	21°52	25° 6	4° 9	13°39	8°35	24°R34	28° 7	6°16	5°D45	4°46	27°58	n.a.	M10
T 11	4 34 38	9°23'46	22°16	23°22	26°16	4°14	13°34	8°41	24°34	28° 5	6°18	5°45	4°43	28° 5	n.a.	T 11
W12	4 38 34	10°24'55	4♎17	24°52	27°27	4°18	13°28	8°47	24°34	28° 4	6°19	5°R46	4°40	28°12	n.a.	W12
T 13	4 42 31	11°26'04	16°33	26°22	28°37	4°21	13°23	8°53	24°34	28° 2	6°20	5°45	4°36	28°18	n.a.	T 13
F 14	4 46 27	12°27'12	29° 7	27°53	29°48	4°24	13°17	9° 0	24°34	28° 0	6°22	5°43	4°33	28°25	n.a.	F 14
S 15	4 50 24	13°28'20	12♏ 3	29°25	0♏59	4°26	13°11	9° 6	24°34	27°59	6°23	5°38	4°30	28°32	n.a.	S 15
S 16	4 54 20	14°29'27	25°23	0♐57	2°10	4°27	13° 5	9°12	24°33	27°57	6°24	5°30	4°27	28°38	n.a.	S 16
M17	4 58 17	15°30'32	9♐ 5	2°30	3°21	4°R28	12°58	9°18	24°33	27°55	6°25	5°19	4°24	28°45	n.a.	M17
T 18	5 2 14	16°31'37	23° 7	4° 4	4°32	4°27	12°52	9°24	24°33	27°54	6°27	5° 8	4°21	28°52	n.a.	T 18
W19	5 6 10	17°32'41	7♑24	5°38	5°43	4°26	12°46	9°30	24°32	27°52	6°28	4°56	4°17	28°59	n.a.	W19
T 20	5 10 7	18°33'44	21°50	7°13	6°54	4°25	12°39	9°36	24°32	27°51	6°29	4°45	4°14	29° 5	n.a.	T 20
F 21	5 14 3	19°34'45	6♒18	8°48	8° 6	4°22	12°32	9°42	24°31	27°49	6°30	4°37	4°11	29°12	n.a.	F 21
S 22	5 18 0	20°35'44	20°43	10°24	9°17	4°19	12°25	9°48	24°30	27°48	6°31	4°31	4° 8	29°19	n.a.	S 22
S 23	5 21 56	21°36'42	5♓ 1	12° 1	10°28	4°15	12°19	9°54	24°30	27°46	6°32	4°28	4° 5	29°25	n.a.	S 23
M24	5 25 53	22°37'39	19° 8	13°39	11°40	4°10	12°11	10° 0	24°29	27°44	6°33	4°D27	4° 2	29°32	n.a.	M24
T 25	5 29 49	23°38'34	3♈ 5	15°17	12°51	4° 4	12° 4	10° 5	24°28	27°43	6°34	4°R27	3°58	29°39	n.a.	T 25
W26	5 33 46	24°39'27	16°52	16°56	14° 3	3°57	11°57	10°11	24°27	27°42	6°35	4°27	3°55	29°45	n.a.	W26
T 27	5 37 43	25°40'19	0♉28	18°35	15°15	3°50	11°50	10°17	24°26	27°40	6°35	4°25	3°52	29°52	n.a.	T 27
F 28	5 41 39	26°41'09	13°55	20°16	16°26	3°42	11°42	10°22	24°25	27°39	6°36	4°20	3°49	29°59	n.a.	F 28
S 29	5 45 36	27°41'57	27°11	21°57	17°38	3°33	11°35	10°28	24°25	27°37	6°37	4°12	3°46	0♍ 5	n.a.	S 29
S 30	5 49 32	28°42'44	10♊17	23°39	18°50	3°24	11°28	10°33	24°23	27°36	6°38	4° 1	3°42	0°12	n.a.	S 30
M31	5 53 29	29♐43'29	23♊12	25♐22	20♏ 2	3♌13	11♋20	10♏38	24♌22	27♉34	6♎39	3♎48	3♎39	0♍19	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s19	14n13	3s22	13s52	0n56	3s30	2n34	22n41	2n56	23n53	0n50	12s33	1n49	14n18	0n47	18n51	1s19	11n25	15n 9	2s44	2s 7	9n44		n.a.
S 2	20 32	16 42	4 10	14 25	0 48	3 57	2 34	22 41	2 59	23 53	0 50	12 36	1 49	14 18	0 47	18 50	1 19	11 25	15 10	2 41	2 6	9 42		n.a.
M 3	20 45	18 14	4 43	14 59	0 40	4 24	2 34	22 40	3 1	23 54	0 50	12 38	1 49	14 18	0 47	18 50	1 19	11 25	15 10	2 37	2 4	9 40		n.a.
T 4	20 57	18 47	5 2	15 32	0 33	4 51	2 34	22 40	3 3	23 55	0 51	12 40	1 49	14 18	0 47	18 49	1 19	11 24	15 10	2 33	2 3	9 39		n.a.
W 5	21 10	18 23	5 4	16 5	0 25	5 18	2 33	22 40	3 5	23 55	0 51	12 42	1 49	14 18	0 47	18 49	1 19	11 24	15 11	2 29	2 2	9 37		n.a.
T 6	21 21	17 6	4 53	16 38	0 18	5 45	2 33	22 41	3 8	23 56	0 51	12 44	1 49	14 18	0 48	18 49	1 19	11 24	15 11	2 25	2 1	9 36		n.a.
F 7	21 33	15 4	4 28	17 10	0 10	6 12	2 32	22 41	3 10	23 57	0 51	12 46	1 49	14 18	0 48	18 48	1 19	11 24	15 11	2 22	1 59	9 34		n.a.
S 8	21 44	12 25	3 51	17 42	0 3	6 39	2 32	22 42	3 12	23 58	0 52	12 48	1 49	14 18	0 48	18 48	1 19	11 23	15 12	2 20	1 58	9 32		n.a.
S 9	21 54	9 16	3 5	18 13	0s 5	7 6	2 31	22 42	3 15	23 58	0 52	12 50	1 49	14 18	0 48	18 48	1 19	11 23	15 12	2 19	1 57	9 31		n.a.
M10	22 4	5 46	2 11	18 43	0 12	7 33	2 30	22 43	3 17	23 59	0 52	12 52	1 49	14 18	0 48	18 47	1 19	11 23	15 13	2 19	1 55	9 29		n.a.
T 11	22 14	2 2	1 12	19 13	0 19	7 59	2 29	22 45	3 19	24 0	0 52	12 54	1 49	14 18	0 48	18 47	1 19	11 23	15 13	2 19	1 54	9 27		n.a.
W12	22 23	1s51	0 8	19 43	0 26	8 26	2 28	22 46	3 22	24 1	0 53	12 56	1 49	14 18	0 48	18 47	1 19	11 23	15 13	2 20	1 53	9 26		n.a.
T 13	22 32	5 44	0n57	20 11	0 32	8 53	2 27	22 47	3 24	24 2	0 53	12 58	1 49	14 18	0 48	18 46	1 19	11 23	15 14	2 19	1 52	9 24		n.a.
F 14	22 40	9 28	2 1	20 39	0 39	9 19	2 26	22 49	3 27	24 2	0 53	13 0	1 49	14 18	0 48	18 46	1 19	11 22	15 14	2 18	1 50	9 22		n.a.
S 15	22 48	12 51	3 0	21 6	0 45	9 45	2 25	22 51	3 29	24 3	0 53	13 2	1 49	14 18	0 48	18 46	1 19	11 22	15 15	2 16	1 49	9 21		n.a.
S 16	22 55	15 41	3 52	21 32	0 51	10 11	2 23	22 53	3 31	24 4	0 53	13 4	1 50	14 18	0 48	18 45	1 19	11 22	15 15	2 13	1 48	9 19		n.a.
M17	23 2	17 43	4 31	21 57	0 57	10 37	2 22	22 55	3 34	24 5	0 54	13 6	1 50	14 19	0 48	18 45	1 19	11 22	15 16	2 9	1 47	9 17		n.a.
T 18	23 9	18 45	4 55	22 21	1 3	11 3	2 20	22 58	3 36	24 6	0 54	13 8	1 50	14 19	0 48	18 45	1 19	11 22	15 16	2 4	1 45	9 16		n.a.
W19	23 15	18 37	5 1	22 44	1 9	11 29	2 18	23 0	3 39	24 7	0 54	13 10	1 50	14 19	0 48	18 44	1 19	11 22	15 16	1 59	1 44	9 14		n.a.
T 20	23 20	17 17	4 49	23 5	1 14	11 54	2 17	23 3	3 41	24 7	0 54	13 12	1 50	14 19	0 48	18 44	1 19	11 22	15 17	1 55	1 43	9 12		n.a.
F 21	23 25	14 51	4 17	23 26	1 19	12 19	2 15	23 6	3 43	24 8	0 54	13 14	1 50	14 19	0 48	18 44	1 19	11 22	15 17	1 52	1 41	9 11		n.a.
S 22	23 30	11 31	3 30	23 46	1 24	12 44	2 13	23 9	3 46	24 9	0 55	13 16	1 50	14 20	0 48	18 43	1 19	11 22	15 18	1 49	1 40	9 9		n.a.
S 23	23 34	7 31	2 29	24 4	1 29	13 8	2 11	23 12	3 48	24 10	0 55	13 17	1 50	14 20	0 48	18 43	1 19	11 22	15 18	1 48	1 39	9 7		n.a.
M24	23 38	3 8	1 20	24 21	1 33	13 33	2 9	23 16	3 51	24 11	0 55	13 19	1 50	14 20	0 48	18 43	1 19	11 22	15 19	1 48	1 38	9 6		n.a.
T 25	23 41	1n21	0 7	24 37	1 37	13 57	2 6	23 20	3 53	24 12	0 55	13 21	1 50	14 21	0 48	18 42	1 19	11 22	15 19	1 48	1 36	9 4		n.a.
W26	23 44	5 44	1s 5	24 51	1 41	14 21	2 4	23 24	3 55	24 13	0 55	13 23	1 50	14 21	0 48	18 42	1 19	11 22	15 20	1 48	1 35	9 2		n.a.
T 27	23 46	9 45	2 13	25 4	1 44	14 44	2 2	23 28	3 58	24 13	0 56	13 24	1 50	14 21	0 48	18 42	1 18	11 22	15 20	1 47	1 34	9 1		n.a.
F 28	23 48	13 13	3 12	25 16	1 48	15 7	2 0	23 32	4 0	24 14	0 56	13 26	1 50	14 22	0 49	18 41	1 18	11 22	15 21	1 45	1 32	8 59		n.a.
S 29	23 49	15 57	4 0	25 26	1 50	15 30	1 57	23 36	4 2	24 15	0 56	13 28	1 50	14 22	0 49	18 41	1 18	11 22	15 21	1 42	1 31	8 57		n.a.
S 30	23 50	17 50	4 35	25 34	1 53	15 52	1 55	23 41	4 5	24 16	0 56	13 29	1 50	14 22	0 49	18 41	1 18	11 23	15 21	1 37	1 30	8 56		n.a.
M31	23s50	18n45	4s55	25s40	1s55	16s15	1n52	23n45	4n 7	24n17	0n56	13s31	1n50	14n23	0n49	18n40	1s18	11n23	15n22	1s32	1s29	8n54		n.a.

Julian Day Number = 1274326.5, Delta T = 08h14m10s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'13, Lahiri = -20°51'13 Julian Calendar 1 Dec. 1225 BCE == Greg. Calendar 20 Nov. 1225 BCE

The year -1224 astronomical counting style corresponds to year 1225 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1224 BCE
geocentric

JANUARY 1224 BCE (-1223) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 57 25	0♉44'13	5♋54	27♐ 5	21♏14	3°R 2	11°R12	10♏44	24°R21	27°R33	6♎39	3°R34	3♎36	0♍25	n.a.	T 1
W 2	6 1 22	1°44'55	18°23	28°49	22°26	2♌50	11♋ 5	10°49	24♌20	27♉32	6°40	3♎20	3°33	0°32	n.a.	W 2
T 3	6 5 19	2°45'35	0♌39	0♉35	23°38	2°38	10°57	10°54	24°19	27°30	6°41	3° 7	3°30	0°39	n.a.	T 3
F 4	6 9 15	3°46'15	12°44	2°20	24°50	2°24	10°49	10°59	24°18	27°29	6°41	2°57	3°27	0°45	n.a.	F 4
S 5	6 13 12	4°46'52	24°40	4° 7	26° 2	2°10	10°41	11° 4	24°16	27°28	6°42	2°49	3°23	0°52	n.a.	S 5
S 6	6 17 8	5°47'28	6♍29	5°55	27°14	1°55	10°33	11° 9	24°15	27°26	6°42	2°45	3°20	0°59	n.a.	S 6
M 7	6 21 5	6°48'03	18°17	7°43	28°26	1°39	10°25	11°14	24°13	27°25	6°43	2°43	3°17	1° 5	n.a.	M 7
T 8	6 25 1	7°48'36	0♎ 8	9°32	29°38	1°23	10°18	11°19	24°12	27°24	6°43	2°42	3°14	1°12	n.a.	T 8
W 9	6 28 58	8°49'08	12° 7	11°22	0♐51	1° 6	10°10	11°24	24°10	27°23	6°43	2°42	3°11	1°19	n.a.	W 9
T 10	6 32 54	9°49'38	24°21	13°13	2° 3	0°48	10° 2	11°29	24° 9	27°22	6°44	2°41	3° 8	1°25	n.a.	T 10
F 11	6 36 51	10°50'07	6♏54	15° 4	3°15	0°30	9°54	11°33	24° 7	27°20	6°44	2°39	3° 4	1°32	n.a.	F 11
S 12	6 40 48	11°50'35	19°51	16°56	4°28	0°11	9°46	11°38	24° 6	27°19	6°44	2°34	3° 1	1°39	n.a.	S 12
S 13	6 44 44	12°51'00	3♐16	18°48	5°40	29♋52	9°38	11°42	24° 4	27°18	6°45	2°27	2°58	1°45	n.a.	S 13
M14	6 48 41	13°51'24	17° 8	20°41	6°53	29°32	9°30	11°47	24° 2	27°17	6°45	2°17	2°55	1°52	n.a.	M14
T 15	6 52 37	14°51'47	1♉25	22°34	8° 5	29°11	9°22	11°51	24° 0	27°16	6°45	2° 5	2°52	1°59	n.a.	T 15
W16	6 56 34	15°52'07	16° 3	24°27	9°18	28°50	9°14	11°56	23°58	27°15	6°45	1°54	2°48	2° 5	n.a.	W16
T 17	7 0 30	16°52'26	0♒54	26°20	10°30	28°29	9° 7	12° 0	23°57	27°14	6°45	1°43	2°45	2°12	n.a.	T 17
F 18	7 4 27	17°52'43	15°48	28°12	11°43	28° 7	8°59	12° 4	23°55	27°13	6°45	1°34	2°42	2°19	n.a.	F 18
S 19	7 8 23	18°52'57	0♓38	0♒ 4	12°55	27°44	8°51	12° 8	23°53	27°12	6°45	1°28	2°39	2°25	n.a.	S 19
S 20	7 12 20	19°53'10	15°16	1°55	14° 8	27°22	8°43	12°12	23°51	27°11	6°R45	1°25	2°36	2°32	n.a.	S 20
M21	7 16 17	20°53'19	29°38	3°44	15°20	26°59	8°36	12°16	23°49	27°10	6°45	1°D24	2°33	2°39	n.a.	M21
T 22	7 20 13	21°53'27	13♈41	5°32	16°33	26°36	8°28	12°20	23°47	27°10	6°45	1°24	2°29	2°45	n.a.	T 22
W23	7 24 10	22°53'32	27°26	7°18	17°46	26°12	8°21	12°23	23°45	27° 9	6°45	1°R24	2°26	2°52	n.a.	W23
T 24	7 28 6	23°53'36	10♉54	9° 1	18°58	25°49	8°13	12°27	23°43	27° 8	6°45	1°23	2°23	2°59	n.a.	T 24
F 25	7 32 3	24°53'36	24° 6	10°41	20°11	25°25	8° 6	12°31	23°40	27° 7	6°45	1°20	2°20	3° 5	n.a.	F 25
S 26	7 35 59	25°53'35	7♊ 4	12°17	21°24	25° 2	7°59	12°34	23°38	27° 6	6°45	1°13	2°17	3°12	n.a.	S 26
S 27	7 39 56	26°53'31	19°50	13°49	22°36	24°38	7°52	12°38	23°36	27° 6	6°45	1° 5	2°14	3°19	n.a.	S 27
M28	7 43 52	27°53'25	2♋25	15°17	23°49	24°15	7°44	12°41	23°34	27° 5	6°44	0°54	2°10	3°25	n.a.	M28
T 29	7 47 49	28°53'17	14°50	16°39	25° 2	23°51	7°37	12°44	23°32	27° 4	6°44	0°42	2° 7	3°32	n.a.	T 29
W30	7 51 45	29°53'06	27° 4	17°55	26°15	23°28	7°31	12°47	23°29	27° 4	6°44	0°30	2° 4	3°39	n.a.	W30
T 31	7 55 42	0♒52'54	9♌10	19♒ 5	27♐27	23♋ 5	7♋24	12♏50	23♌27	27♉ 3	6♎43	0♎20	2♎ 1	3♍45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s50	18n43	5 s 0	25 s45	1 s57	16 s36	1n50	23n50	4n 9	24n18	0n57	13 s32	1n51	14n23	0n49	18n40	1 s18	11n23	15n22	1 s26	1 s27	8n52			n.a.
W 2	23 50	17 46	4 50	25 48	1 58	16 58	1 47	23 55	4 11	24 18	0 57	13 34	1 51	14 24	0 49	18 40	1 18	11 23	15 23	1 21	1 26	8 51			n.a.
T 3	23 48	16 0	4 27	25 49	1 59	17 18	1 44	24 0	4 13	24 19	0 57	13 36	1 51	14 24	0 49	18 40	1 18	11 23	15 23	1 16	1 25	8 49			n.a.
F 4	23 47	13 34	3 52	25 49	2 0	17 39	1 42	24 6	4 16	24 20	0 57	13 37	1 51	14 25	0 49	18 39	1 18	11 23	15 24	1 11	1 23	8 47			n.a.
S 5	23 45	10 35	3 7	25 46	2 0	17 59	1 39	24 11	4 18	24 21	0 57	13 39	1 51	14 25	0 49	18 39	1 18	11 24	15 24	1 8	1 22	8 46			n.a.
S 6	23 42	7 12	2 14	25 42	2 0	18 19	1 36	24 16	4 20	24 22	0 57	13 40	1 51	14 26	0 49	18 39	1 18	11 24	15 25	1 7	1 21	8 44			n.a.
M 7	23 40	3 33	1 16	25 35	1 59	18 38	1 33	24 22	4 22	24 22	0 57	13 42	1 51	14 26	0 49	18 39	1 18	11 24	15 25	1 6	1 20	8 42			n.a.
T 8	23 36	0 s16	0 14	25 26	1 57	18 56	1 30	24 27	4 23	24 23	0 58	13 43	1 51	14 27	0 49	18 38	1 18	11 24	15 26	1 5	1 18	8 41			n.a.
W 9	23 32	4 6	0n50	25 15	1 55	19 15	1 27	24 33	4 25	24 24	0 58	13 44	1 51	14 27	0 49	18 38	1 18	11 25	15 26	1 5	1 17	8 39			n.a.
T 10	23 28	7 51	1 52	25 3	1 53	19 32	1 24	24 39	4 27	24 25	0 58	13 46	1 51	14 28	0 49	18 38	1 18	11 25	15 27	1 5	1 16	8 37			n.a.
F 11	23 23	11 22	2 51	24 47	1 50	19 50	1 21	24 45	4 29	24 25	0 58	13 47	1 51	14 28	0 49	18 38	1 18	11 25	15 27	1 4	1 14	8 35			n.a.
S 12	23 18	14 26	3 42	24 30	1 46	20 6	1 18	24 50	4 30	24 26	0 58	13 48	1 52	14 29	0 49	18 37	1 18	11 26	15 28	1 2	1 13	8 34			n.a.
S 13	23 12	16 51	4 24	24 11	1 42	20 22	1 15	24 56	4 32	24 27	0 58	13 50	1 52	14 29	0 49	18 37	1 18	11 26	15 28	0 59	1 12	8 32			n.a.
M14	23 6	18 23	4 51	23 49	1 37	20 38	1 12	25 2	4 33	24 28	0 58	13 51	1 52	14 30	0 49	18 37	1 18	11 26	15 29	0 55	1 11	8 30			n.a.
T 15	23 0	18 49	5 1	23 25	1 32	20 53	1 9	25 8	4 34	24 28	0 58	13 52	1 52	14 31	0 49	18 37	1 18	11 27	15 29	0 51	1 9	8 29			n.a.
W16	22 53	18 1	4 52	22 59	1 25	21 8	1 6	25 14	4 36	24 29	0 59	13 54	1 52	14 31	0 49	18 37	1 18	11 27	15 30	0 46	1 8	8 27			n.a.
T 17	22 45	16 0	4 24	22 31	1 18	21 21	1 3	25 19	4 37	24 30	0 59	13 55	1 52	14 32	0 49	18 36	1 18	11 27	15 30	0 42	1 7	8 25			n.a.
F 18	22 37	12 55	3 37	22 1	1 11	21 35	1 0	25 25	4 38	24 30	0 59	13 56	1 52	14 33	0 49	18 36	1 18	11 28	15 30	0 38	1 6	8 24			n.a.
S 19	22 29	9 1	2 36	21 29	1 3	21 47	0 57	25 30	4 39	24 31	0 59	13 57	1 52	14 33	0 49	18 36	1 18	11 28	15 31	0 36	1 4	8 22			n.a.
S 20	22 20	4 36	1 25	20 56	0 53	22 0	0 53	25 36	4 40	24 31	0 59	13 58	1 52	14 34	0 49	18 36	1 18	11 29	15 31	0 34	1 3	8 20			n.a.
M21	22 11	0 0	0 9	20 21	0 44	22 11	0 50	25 41	4 40	24 32	0 59	13 59	1 53	14 35	0 49	18 36	1 17	11 29	15 32	0 34	1 2	8 19			n.a.
T 22	22 1	4n30	1 s 5	19 44	0 33	22 22	0 47	25 47	4 41	24 33	0 59	14 0	1 53	14 35	0 49	18 36	1 17	11 30	15 32	0 34	1 0	8 17			n.a.
W23	21 51	8 39	2 14	19 7	0 22	22 32	0 44	25 52	4 42	24 33	0 59	14 1	1 53	14 36	0 49	18 36	1 17	11 30	15 33	0 34	0 59	8 15			n.a.
T 24	21 41	12 17	3 14	18 28	0 10	22 42	0 41	25 57	4 42	24 34	0 59	14 2	1 53	14 37	0 49	18 35	1 17	11 30	15 33	0 34	0 58	8 13			n.a.
F 25	21 30	15 12	4 2	17 49	0n 2	22 51	0 37	26 2	4 42	24 34	0 59	14 3	1 53	14 38	0 49	18 35	1 17	11 31	15 34	0 32	0 57	8 12			n.a.
S 26	21 19	17 18	4 37	17 9	0 15	22 59	0 34	26 6	4 42	24 35	0 59	14 4	1 53	14 38	0 49	18 35	1 17	11 31	15 34	0 30	0 55	8 10			n.a.
S 27	21 8	18 30	4 58	16 30	0 29	23 7	0 31	26 11	4 42	24 35	0 59	14 5	1 53	14 39	0 50	18 35	1 17	11 32	15 35	0 26	0 54	8 8			n.a.
M28	20 56	18 46	5 3	15 51	0 42	23 14	0 28	26 15	4 42	24 36	0 59	14 6	1 53	14 40	0 50	18 35	1 17	11 33	15 35	0 22	0 53	8 7			n.a.
T 29	20 43	18 7	4 54	15 13	0 57	23 20	0 25	26 19	4 42	24 36	1 0	14 7	1 54	14 41	0 50	18 35	1 17	11 33	15 36	0 17	0 51	8 5			n.a.
W30	20 31	16 39	4 32	14 35	1 11	23 25	0 22	26 23	4 42	24 37	1 0	14 8	1 54	14 42	0 50	18 35	1 17	11 34	15 36	0 12	0 50	8 3			n.a.
T 31	20 s18	14n27	3 s57	14 s 0	1n26	23 s30	0n18	26n27	4n42	24n37	1n 0	14 s 9	1n54	14n42	0n50	18n35	1 s17	11n34	15n36	0 s 8	0 s49	8n 1			n.a.

Julian Day Number = 1274357.5, Delta T = 08h14m08s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'09, Lahiri = -20°51'08 Julian Calendar 1 Jan. 1224 BCE == Greg. Calendar 21 Dec. 1225 BCE

The year -1223 astronomical counting style corresponds to year 1224 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1224 BCE
geocentric

FEBRUARY 1224 BCE (-1223) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 59 39	1♒52'39	21♌ 8	20♒ 8	28♐40	22°R42	7°R17	12♏53	23°R25	27°R 3	6°R43	0°R11	1♎58	3♍52	n.a.	F 1
S 2	8 3 35	2°52'22	2♍59	21° 4	29°53	22♋19	7♋11	12°56	23♌22	27♉ 2	6♎42	0♎ 5	1°54	3°59	n.a.	S 2
S 3	8 7 32	3°52'03	14°47	21°52	1♏ 6	21°56	7° 4	12°59	23°20	27° 2	6°42	0° 1	1°51	4° 5	n.a.	S 3
M 4	8 11 28	4°51'42	26°35	22°33	2°19	21°34	6°58	13° 2	23°18	27° 1	6°41	29°D59	1°48	4°12	n.a.	M 4
T 5	8 15 25	5°51'19	8♎26	23° 5	3°31	21°12	6°52	13° 4	23°15	27° 1	6°41	0° 0	1°45	4°19	n.a.	T 5
W 6	8 19 21	6°50'55	20°24	23°29	4°44	20°51	6°46	13° 7	23°13	27° 1	6°40	0° 1	1°42	4°25	n.a.	W 6
T 7	8 23 18	7°50'28	2♏36	23°44	5°57	20°30	6°40	13° 9	23°10	27° 0	6°40	0°R 2	1°39	4°32	n.a.	T 7
F 8	8 27 14	8°49'59	15° 7	23°R52	7°10	20° 9	6°34	13°12	23° 8	27° 0	6°39	0° 2	1°35	4°39	n.a.	F 8
S 9	8 31 11	9°49'29	28° 0	23°51	8°23	19°49	6°28	13°14	23° 5	27° 0	6°38	0° 0	1°32	4°45	n.a.	S 9
S 10	8 35 7	10°48'57	11♐20	23°42	9°36	19°30	6°23	13°16	23° 3	26°59	6°38	29♍57	1°29	4°52	n.a.	S 10
M11	8 39 4	11°48'23	25°10	23°25	10°49	19°11	6°17	13°18	23° 0	26°59	6°37	29°51	1°26	4°59	n.a.	M11
T 12	8 43 1	12°47'47	9♑27	23° 1	12° 2	18°53	6°12	13°20	22°58	26°59	6°36	29°44	1°23	5° 5	n.a.	T 12
W13	8 46 57	13°47'08	24°10	22°31	13°15	18°35	6° 7	13°22	22°55	26°59	6°35	29°37	1°20	5°12	n.a.	W13
T 14	8 50 54	14°46'28	9♒11	21°55	14°28	18°18	6° 2	13°24	22°53	26°59	6°34	29°30	1°16	5°19	n.a.	T 14
F 15	8 54 50	15°45'46	24°21	21°14	15°41	18° 2	5°58	13°25	22°50	26°59	6°34	29°24	1°13	5°25	n.a.	F 15
S 16	8 58 47	16°45'01	9♓30	20°29	16°54	17°46	5°53	13°27	22°48	26°59	6°33	29°21	1°10	5°32	n.a.	S 16
S 17	9 2 43	17°44'14	24°28	19°41	18° 7	17°31	5°49	13°28	22°45	26°D59	6°32	29°D19	1° 7	5°38	n.a.	S 17
M18	9 6 40	18°43'24	9♈ 9	18°51	19°20	17°17	5°45	13°30	22°42	26°59	6°31	29°20	1° 4	5°45	n.a.	M18
T 19	9 10 36	19°42'32	23°28	18° 0	20°32	17° 4	5°40	13°31	22°40	26°59	6°30	29°21	1° 0	5°52	n.a.	T 19
W20	9 14 33	20°41'38	7♉22	17° 9	21°45	16°51	5°37	13°32	22°37	26°59	6°29	29°22	0°57	5°58	n.a.	W20
T 21	9 18 30	21°40'41	20°54	16°19	22°58	16°39	5°33	13°33	22°35	26°59	6°28	29°R23	0°54	6° 5	n.a.	T 21
F 22	9 22 26	22°39'42	4♊ 4	15°31	24°11	16°28	5°29	13°35	22°32	26°59	6°27	29°22	0°51	6°12	n.a.	F 22
S 23	9 26 23	23°38'40	16°55	14°46	25°24	16°18	5°26	13°35	22°29	26°59	6°26	29°20	0°48	6°18	n.a.	S 23
S 24	9 30 19	24°37'36	29°29	14° 4	26°37	16° 8	5°23	13°36	22°27	26°59	6°25	29°16	0°45	6°25	n.a.	S 24
M25	9 34 16	25°36'29	11♋51	13°26	27°50	16° 0	5°20	13°37	22°24	27° 0	6°23	29°11	0°41	6°32	n.a.	M25
T 26	9 38 12	26°35'20	24° 2	12°53	29° 3	15°52	5°17	13°38	22°22	27° 0	6°22	29° 5	0°38	6°38	n.a.	T 26
W27	9 42 9	27°34'09	6♌ 4	12°25	0♒16	15°44	5°14	13°38	22°19	27° 0	6°21	29° 0	0°35	6°45	n.a.	W27
T 28	9 46 5	28♒32'55	18♌ 1	12♒ 2	1♒29	15♋38	5♋12	13♏39	22♌16	27♉ 1	6♎20	28♍54	0♎32	6♍52	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s 4	11n39	3s13	13s26	1n40	23s35	0n15	26n31	4n41	24n38	1n 0	14s 9	1n54	14n43	0n50	18n35	1s17	11n35	15n37	0s 5	0s48	8n 0		n.a.
S 2	19 51	8 25	2 20	12 54	1 55	23 38	0 12	26 34	4 41	24 38	1 0	14 10	1 54	14 44	0 50	18 35	1 17	11 35	15 37	0 2	0 46	7 58		n.a.
S 3	19 36	4 51	1 21	12 25	2 9	23 41	0 9	26 37	4 40	24 38	1 0	14 11	1 54	14 45	0 50	18 34	1 17	11 36	15 38	0 1	0 45	7 56		n.a.
M 4	19 22	1 6	0 18	11 59	2 23	23 43	0 6	26 40	4 39	24 39	1 0	14 12	1 54	14 46	0 50	18 34	1 17	11 36	15 38	0n 0	0 44	7 55		n.a.
T 5	19 7	2s42	0n45	11 36	2 36	23 44	0 3	26 43	4 38	24 39	1 0	14 12	1 54	14 46	0 50	18 34	1 17	11 37	15 39	0s 0	0 42	7 53		n.a.
W 6	18 52	6 26	1 48	11 16	2 49	23 45	0s 0	26 45	4 37	24 39	1 0	14 13	1 55	14 47	0 50	18 34	1 17	11 38	15 39	0 0	0 41	7 51		n.a.
T 7	18 37	9 59	2 47	11 0	3 0	23 45	0 3	26 47	4 36	24 40	1 0	14 14	1 55	14 48	0 50	18 34	1 17	11 38	15 39	0 1	0 40	7 49		n.a.
F 8	18 21	13 9	3 39	10 47	3 11	23 44	0 6	26 49	4 35	24 40	1 0	14 14	1 55	14 49	0 50	18 34	1 17	11 39	15 40	0 1	0 39	7 48		n.a.
S 9	18 5	15 47	4 22	10 38	3 21	23 43	0 9	26 51	4 34	24 40	1 0	14 15	1 55	14 50	0 50	18 34	1 17	11 40	15 40	0 0	0 37	7 46		n.a.
S 10	17 49	17 41	4 52	10 34	3 29	23 41	0 12	26 53	4 32	24 41	1 0	14 15	1 55	14 51	0 50	18 34	1 16	11 40	15 41	0n 1	0 36	7 44		n.a.
M11	17 32	18 38	5 7	10 32	3 36	23 38	0 15	26 54	4 31	24 41	1 0	14 16	1 55	14 51	0 50	18 34	1 16	11 41	15 41	0 4	0 35	7 43		n.a.
T 12	17 15	18 26	5 4	10 35	3 41	23 34	0 18	26 55	4 29	24 41	1 0	14 16	1 55	14 52	0 50	18 34	1 16	11 42	15 41	0 6	0 33	7 41		n.a.
W13	16 58	17 2	4 41	10 42	3 45	23 30	0 20	26 56	4 28	24 41	1 0	14 17	1 56	14 53	0 50	18 34	1 16	11 42	15 42	0 9	0 32	7 39		n.a.
T 14	16 40	14 26	3 58	10 51	3 47	23 25	0 23	26 57	4 26	24 42	1 0	14 17	1 56	14 54	0 50	18 34	1 16	11 43	15 42	0 12	0 31	7 37		n.a.
F 15	16 23	10 50	2 58	11 4	3 47	23 20	0 26	26 58	4 24	24 42	1 0	14 17	1 56	14 55	0 50	18 34	1 16	11 44	15 43	0 14	0 30	7 36		n.a.
S 16	16 5	6 31	1 46	11 20	3 45	23 13	0 29	26 58	4 22	24 42	1 0	14 18	1 56	14 56	0 50	18 34	1 16	11 44	15 43	0 16	0 28	7 34		n.a.
S 17	15 46	1 50	0 26	11 39	3 42	23 6	0 31	26 58	4 20	24 42	1 0	14 18	1 56	14 57	0 50	18 34	1 16	11 45	15 43	0 16	0 27	7 32		n.a.
M18	15 28	2n52	0s53	12 0	3 37	22 59	0 34	26 58	4 18	24 42	1 0	14 18	1 56	14 57	0 50	18 34	1 16	11 46	15 44	0 16	0 26	7 30		n.a.
T 19	15 9	7 17	2 8	12 22	3 29	22 50	0 36	26 58	4 16	24 42	1 0	14 19	1 56	14 58	0 50	18 35	1 16	11 46	15 44	0 16	0 24	7 29		n.a.
W20	14 50	11 10	3 12	12 46	3 21	22 41	0 39	26 57	4 14	24 43	1 0	14 19	1 56	14 59	0 50	18 35	1 16	11 47	15 44	0 15	0 23	7 27		n.a.
T 21	14 31	14 21	4 4	13 11	3 11	22 31	0 41	26 57	4 12	24 43	1 0	14 19	1 57	15 0	0 50	18 35	1 16	11 48	15 45	0 15	0 22	7 25		n.a.
F 22	14 11	16 42	4 42	13 36	2 59	22 21	0 44	26 56	4 10	24 43	1 0	14 19	1 57	15 1	0 50	18 35	1 16	11 49	15 45	0 15	0 21	7 24		n.a.
S 23	13 52	18 8	5 4	14 1	2 47	22 10	0 46	26 55	4 8	24 43	1 0	14 19	1 57	15 2	0 50	18 35	1 16	11 49	15 45	0 16	0 19	7 22		n.a.
S 24	13 32	18 38	5 12	14 26	2 33	21 58	0 49	26 54	4 6	24 43	1 0	14 20	1 57	15 3	0 50	18 35	1 16	11 50	15 46	0 18	0 18	7 20		n.a.
M25	13 12	18 15	5 4	14 51	2 19	21 46	0 51	26 53	4 3	24 43	1 0	14 20	1 57	15 4	0 50	18 35	1 16	11 51	15 46	0 20	0 17	7 18		n.a.
T 26	12 51	17 1	4 43	15 14	2 4	21 33	0 53	26 52	4 1	24 43	0 59	14 20	1 57	15 4	0 50	18 35	1 16	11 51	15 46	0 22	0 15	7 17		n.a.
W27	12 31	15 2	4 9	15 37	1 49	21 20	0 55	26 51	3 59	24 43	0 59	14 20	1 57	15 5	0 50	18 35	1 16	11 52	15 47	0 24	0 14	7 15		n.a.
T 28	12s10	12n26	3s25	15s58	1n34	21s 5	0s57	26n49	3n57	24n43	0n59	14s20	1n58	15n 6	0n50	18n35	1s16	11n53	15n47	0n27	0s13	7n13		n.a.

Julian Day Number = 1274388.5, Delta T = 08h14m06s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'05, Lahiri = -20°51'04 Julian Calendar 1 Feb. 1224 BCE == Greg. Calendar 21 Jan. 1224 BCE

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ASTRODIENST EPHEMERIS for the year 1224 BCE
geocentric

MARCH 1224 BCE (-1223) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 50 2	29♒31'40	29♌52	11°R45	2♒42	15°R33	5°R10	13♏39	22°R14	27♉ 1	6°R19	28°R50	0♎29	6♍58	n.a.	F 1
S 2	9 53 58	0♓30'22	11♍41	11♒32	3°55	15♋28	5♋ 8	13°39	22♌11	27° 2	6♎17	28♍47	0°25	7° 5	n.a.	S 2
S 3	9 57 55	1°29'02	23°29	11°26	5° 8	15°24	5° 6	13°39	22° 9	27° 2	6°16	28°D46	0°22	7°12	n.a.	S 3
M 4	10 1 52	2°27'40	5♎19	11°D24	6°21	15°21	5° 4	13°R39	22° 6	27° 2	6°15	28°46	0°19	7°18	n.a.	M 4
T 5	10 5 48	3°26'16	17°13	11°28	7°35	15°18	5° 2	13°39	22° 4	27° 3	6°14	28°47	0°16	7°25	n.a.	T 5
W 6	10 9 45	4°24'50	29°16	11°37	8°48	15°17	5° 1	13°39	22° 1	27° 4	6°12	28°49	0°13	7°32	n.a.	W 6
T 7	10 13 41	5°23'22	11♏31	11°51	10° 1	15°16	5° 0	13°39	21°59	27° 4	6°11	28°51	0°10	7°38	n.a.	T 7
F 8	10 17 38	6°21'53	24° 2	12°10	11°14	15°D15	4°59	13°38	21°56	27° 5	6° 9	28°52	0° 6	7°45	n.a.	F 8
S 9	10 21 34	7°20'22	6♐53	12°34	12°27	15°16	4°58	13°38	21°54	27° 5	6° 8	28°R52	0° 3	7°52	n.a.	S 9
S 10	10 25 31	8°18'49	20° 7	13° 2	13°40	15°17	4°58	13°37	21°51	27° 6	6° 7	28°52	0° 0	7°58	n.a.	S 10
M11	10 29 27	9°17'14	3♑48	13°34	14°53	15°19	4°57	13°37	21°49	27° 7	6° 5	28°51	29♍57	8° 5	n.a.	M11
T 12	10 33 24	10°15'38	17°56	14°10	16° 6	15°22	4°57	13°36	21°46	27° 8	6° 4	28°49	29°54	8°12	n.a.	T 12
W13	10 37 20	11°14'00	2♒30	14°50	17°19	15°26	4°D57	13°35	21°44	27° 8	6° 2	28°46	29°51	8°18	n.a.	W13
T 14	10 41 17	12°12'20	17°24	15°34	18°32	15°30	4°57	13°34	21°42	27° 9	6° 1	28°44	29°47	8°25	n.a.	T 14
F 15	10 45 14	13°10'38	2♓32	16°21	19°45	15°35	4°57	13°33	21°39	27°10	5°59	28°43	29°44	8°32	n.a.	F 15
S 16	10 49 10	14° 8'55	17°45	17°12	20°58	15°40	4°58	13°32	21°37	27°11	5°58	28°42	29°41	8°38	n.a.	S 16
S 17	10 53 7	15° 7'09	2♈52	18° 6	22°12	15°46	4°59	13°31	21°35	27°12	5°56	28°D41	29°38	8°45	n.a.	S 17
M18	10 57 3	16° 5'21	17°46	19° 3	23°25	15°53	5° 0	13°30	21°32	27°13	5°55	28°42	29°35	8°52	n.a.	M18
T 19	11 1 0	17° 3'32	2♉18	20° 3	24°38	16° 1	5° 1	13°28	21°30	27°14	5°53	28°43	29°31	8°58	n.a.	T 19
W20	11 4 56	18° 1'40	16°26	21° 6	25°51	16° 9	5° 2	13°27	21°28	27°15	5°52	28°44	29°28	9° 5	n.a.	W20
T 21	11 8 53	18°59'46	0♊ 7	22°11	27° 4	16°18	5° 3	13°25	21°26	27°16	5°50	28°44	29°25	9°12	n.a.	T 21
F 22	11 12 49	19°57'50	13°22	23°20	28°17	16°27	5° 5	13°24	21°23	27°17	5°48	28°45	29°22	9°18	n.a.	F 22
S 23	11 16 46	20°55'52	26°15	24°30	29°30	16°37	5° 7	13°22	21°21	27°18	5°47	28°R45	29°19	9°25	n.a.	S 23
S 24	11 20 42	21°53'52	8♋47	25°43	0♓43	16°48	5° 9	13°20	21°19	27°19	5°45	28°45	29°16	9°31	n.a.	S 24
M25	11 24 39	22°51'50	21° 3	26°59	1°56	16°59	5°11	13°18	21°17	27°20	5°44	28°44	29°12	9°38	n.a.	M25
T 26	11 28 36	23°49'46	3♌ 7	28°17	3°10	17°11	5°13	13°16	21°15	27°21	5°42	28°43	29° 9	9°45	n.a.	T 26
W27	11 32 32	24°47'40	15° 2	29°37	4°23	17°24	5°16	13°14	21°13	27°23	5°40	28°43	29° 6	9°51	n.a.	W27
T 28	11 36 29	25°45'32	26°53	0♓59	5°36	17°36	5°18	13°12	21°11	27°24	5°39	28°42	29° 3	9°58	n.a.	T 28
F 29	11 40 25	26°43'23	8♍41	2°24	6°49	17°50	5°21	13°10	21° 9	27°25	5°37	28°42	29° 0	10° 5	n.a.	F 29
S 30	11 44 22	27°41'11	20°29	3°51	8° 2	18° 4	5°24	13° 7	21° 7	27°26	5°35	28°42	28°57	10°11	n.a.	S 30
S 31	11 48 18	28♓38'58	2♎20	5♓20	9♓15	18♋18	5♋28	13♏ 5	21♌ 5	27♉28	5♎34	28♍42	28♍53	10♍18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s50	9n20	2s32	16s18	1n19	20s51	0s59	26n47	3n54	24n43	0n59	14s20	1n58	15n 7	0n50	18n36	1s15	11n54	15n47	0n28	0s12	7n11		n.a.
S 2	11 29	5 53	1 33	16 36	1 3	20 35	1 1	26 46	3 52	24 43	0 59	14 20	1 58	15 8	0 50	18 36	1 15	11 54	15 48	0 29	0 10	7 10		n.a.
S 3	11 7	2 11	0 29	16 52	0 48	20 19	1 3	26 44	3 49	24 43	0 59	14 20	1 58	15 9	0 50	18 36	1 15	11 55	15 48	0 30	0 9	7 8		n.a.
M 4	10 46	1s36	0n36	17 7	0 33	20 3	1 5	26 42	3 47	24 43	0 59	14 19	1 58	15 9	0 50	18 36	1 15	11 56	15 48	0 30	0 8	7 6		n.a.
T 5	10 25	5 20	1 40	17 20	0 19	19 46	1 7	26 40	3 45	24 43	0 59	14 19	1 58	15 10	0 50	18 36	1 15	11 57	15 48	0 29	0 6	7 4		n.a.
W 6	10 3	8 54	2 40	17 31	0 5	19 28	1 9	26 38	3 42	24 43	0 59	14 19	1 58	15 11	0 50	18 36	1 15	11 57	15 49	0 29	0 5	7 3		n.a.
T 7	9 41	12 9	3 34	17 40	0s 9	19 10	1 10	26 35	3 40	24 43	0 59	14 19	1 59	15 12	0 50	18 37	1 15	11 58	15 49	0 28	0 4	7 1		n.a.
F 8	9 19	14 54	4 20	17 47	0 22	18 51	1 12	26 33	3 38	24 43	0 59	14 19	1 59	15 13	0 50	18 37	1 15	11 59	15 49	0 28	0 3	6 59		n.a.
S 9	8 57	17 0	4 53	17 52	0 35	18 32	1 14	26 30	3 35	24 43	0 59	14 18	1 59	15 14	0 50	18 37	1 15	12 0	15 49	0 27	0 1	6 57		n.a.
S 10	8 35	18 16	5 12	17 56	0 47	18 12	1 15	26 28	3 33	24 43	0 59	14 18	1 59	15 14	0 50	18 37	1 15	12 0	15 49	0 28	0 0	6 56		n.a.
M11	8 13	18 32	5 15	17 58	0 58	17 51	1 17	26 25	3 30	24 43	0 59	14 18	1 59	15 15	0 50	18 37	1 15	12 1	15 50	0 28	0n 1	6 54		n.a.
T 12	7 51	17 41	4 59	17 57	1 9	17 31	1 18	26 23	3 28	24 43	0 59	14 17	1 59	15 16	0 50	18 38	1 15	12 2	15 50	0 29	0 3	6 52		n.a.
W13	7 28	15 40	4 23	17 55	1 20	17 9	1 19	26 20	3 26	24 43	0 59	14 17	1 59	15 17	0 50	18 38	1 15	12 3	15 50	0 30	0 4	6 50		n.a.
T 14	7 6	12 33	3 29	17 51	1 29	16 48	1 20	26 17	3 23	24 43	0 59	14 17	1 59	15 17	0 50	18 38	1 15	12 3	15 50	0 31	0 5	6 49		n.a.
F 15	6 43	8 34	2 20	17 45	1 38	16 25	1 22	26 14	3 21	24 43	0 59	14 16	2 0	15 18	0 50	18 38	1 15	12 4	15 50	0 31	0 6	6 47		n.a.
S 16	6 20	4 0	1 0	17 38	1 47	16 3	1 23	26 11	3 18	24 43	0 58	14 16	2 0	15 19	0 50	18 39	1 15	12 5	15 51	0 32	0 8	6 45		n.a.
S 17	5 57	0n48	0s23	17 28	1 54	15 40	1 24	26 8	3 16	24 43	0 58	14 15	2 0	15 20	0 50	18 39	1 15	12 6	15 51	0 32	0 9	6 43		n.a.
M18	5 35	5 29	1 44	17 17	2 1	15 16	1 25	26 5	3 14	24 43	0 58	14 15	2 0	15 20	0 50	18 39	1 15	12 6	15 51	0 32	0 10	6 42		n.a.
T 19	5 12	9 43	2 56	17 4	2 8	14 52	1 26	26 1	3 11	24 43	0 58	14 14	2 0	15 21	0 50	18 39	1 15	12 7	15 51	0 31	0 12	6 40		n.a.
W20	4 49	13 16	3 55	16 49	2 14	14 28	1 26	25 58	3 9	24 43	0 58	14 14	2 0	15 22	0 50	18 40	1 14	12 8	15 51	0 31	0 13	6 38		n.a.
T 21	4 25	15 58	4 39	16 32	2 19	14 3	1 27	25 55	3 7	24 42	0 58	14 13	2 0	15 23	0 50	18 40	1 14	12 9	15 51	0 31	0 14	6 36		n.a.
F 22	4 2	17 43	5 6	16 13	2 24	13 38	1 28	25 51	3 4	24 42	0 58	14 13	2 0	15 23	0 50	18 40	1 14	12 9	15 51	0 30	0 15	6 35		n.a.
S 23	3 39	18 30	5 17	15 53	2 28	13 13	1 29	25 48	3 2	24 42	0 58	14 12	2 0	15 24	0 50	18 41	1 14	12 10	15 51	0 30	0 17	6 33		n.a.
S 24	3 16	18 20	5 13	15 31	2 31	12 47	1 29	25 44	3 0	24 42	0 58	14 11	2 1	15 25	0 50	18 41	1 14	12 11	15 52	0 30	0 18	6 31		n.a.
M25	2 53	17 19	4 54	15 8	2 34	12 21	1 30	25 40	2 58	24 42	0 58	14 11	2 1	15 25	0 50	18 41	1 14	12 11	15 52	0 31	0 19	6 29		n.a.
T 26	2 29	15 32	4 22	14 42	2 36	11 55	1 30	25 37	2 55	24 42	0 58	14 10	2 1	15 26	0 49	18 42	1 14	12 12	15 52	0 31	0 21	6 28		n.a.
W27	2 6	13 6	3 40	14 15	2 38	11 28	1 30	25 33	2 53	24 41	0 58	14 9	2 1	15 27	0 49	18 42	1 14	12 13	15 52	0 31	0 22	6 26		n.a.
T 28	1 43	10 8	2 48	13 46	2 39	11 1	1 31	25 29	2 51	24 41	0 58	14 8	2 1	15 27	0 49	18 42	1 14	12 14	15 52	0 31	0 23	6 24		n.a.
F 29	1 19	6 46	1 49	13 15	2 39	10 34	1 31	25 25	2 49	24 41	0 58	14 8	2 1	15 28	0 49	18 43	1 14	12 14	15 52	0 31	0 24	6 22		n.a.
S 30	0 56	3 8	0 46	12 43	2 39	10 6	1 31	25 21	2 47	24 41	0 57	14 7	2 1	15 28	0 49	18 43	1 14	12 15	15 52	0 31	0 26	6 20		n.a.
S 31	0s33	0s38	0n20	12s 9	2s38	9s38	1s31	25n17	2n44	24n41	0n57	14s 6	2n 1	15n29	0n49	18n43	1s14	12n16	15n52	0n32	0n27	6n19		n.a.

Julian Day Number = 1274416.5, Delta T = 08h14m05s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°58'01, Lahiri = -20°51'00 Julian Calendar 1 March 1224 BCE == Greg. Calendar 18 Feb. 1224 BCE

The year -1223 astronomical counting style corresponds to year 1224 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1224 BCE
geocentric

APRIL 1224 BCE (-1223) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 52 15	29♓36'43	14♎17	6♓51	10♓28	18♋33	5♋31	13°R 2	21°R 3	27♉29	5°R32	28°R42	28♍50	10♍25	n.a.	M 1
T 2	11 56 11	0♈34'27	26°20	8°24	11°41	18°49	5°34	13♏ 0	21♌ 1	27°30	5♎30	28♍42	28°47	10°31	n.a.	T 2
W 3	12 0 8	1°32'09	8♏33	9°59	12°55	19° 5	5°38	12°57	21° 0	27°32	5°29	28°42	28°44	10°38	n.a.	W 3
T 4	12 4 5	2°29'50	20°58	11°36	14° 8	19°21	5°42	12°54	20°58	27°33	5°27	28°41	28°41	10°45	n.a.	T 4
F 5	12 8 1	3°27'30	3♐36	13°15	15°21	19°38	5°46	12°51	20°56	27°35	5°25	28°41	28°37	10°51	n.a.	F 5
S 6	12 11 58	4°25'08	16°31	14°57	16°34	19°56	5°50	12°49	20°55	27°36	5°24	28°40	28°34	10°58	n.a.	S 6
S 7	12 15 54	5°22'46	29°46	16°40	17°47	20°13	5°55	12°46	20°53	27°38	5°22	28°D40	28°31	11° 5	n.a.	S 7
M 8	12 19 51	6°20'22	13♑21	18°25	19° 1	20°32	5°59	12°43	20°51	27°39	5°20	28°40	28°28	11°11	n.a.	M 8
T 9	12 23 47	7°17'57	27°18	20°13	20°14	20°50	6° 4	12°39	20°50	27°41	5°19	28°40	28°25	11°18	n.a.	T 9
W10	12 27 44	8°15'31	11♒36	22° 2	21°27	21° 9	6° 9	12°36	20°48	27°42	5°17	28°41	28°22	11°25	n.a.	W10
T 11	12 31 40	9°13'04	26°14	23°54	22°40	21°29	6°14	12°33	20°47	27°44	5°15	28°42	28°18	11°31	n.a.	T 11
F 12	12 35 37	10°10'36	11♓ 6	25°48	23°53	21°49	6°19	12°30	20°46	27°45	5°14	28°43	28°15	11°38	n.a.	F 12
S 13	12 39 34	11° 8'07	26° 7	27°43	25° 7	22° 9	6°24	12°26	20°44	27°47	5°12	28°R43	28°12	11°45	n.a.	S 13
S 14	12 43 30	12° 5'36	11♈ 7	29°41	26°20	22°30	6°30	12°23	20°43	27°49	5°10	28°43	28° 9	11°51	n.a.	S 14
M15	12 47 27	13° 3'04	25°59	1♈40	27°33	22°51	6°35	12°19	20°42	27°50	5° 9	28°42	28° 6	11°58	n.a.	M15
T 16	12 51 23	14° 0'31	10♉35	3°41	28°46	23°13	6°41	12°16	20°40	27°52	5° 7	28°40	28° 2	12° 4	n.a.	T 16
W17	12 55 20	14°57'57	24°49	5°45	29°59	23°34	6°47	12°12	20°39	27°54	5° 5	28°38	27°59	12°11	n.a.	W17
T 18	12 59 16	15°55'21	8♊37	7°49	1♈13	23°57	6°53	12° 9	20°38	27°55	5° 4	28°36	27°56	12°18	n.a.	T 18
F 19	13 3 13	16°52'44	21°59	9°56	2°26	24°19	6°59	12° 5	20°37	27°57	5° 2	28°34	27°53	12°24	n.a.	F 19
S 20	13 7 9	17°50'06	4♋56	12° 3	3°39	24°42	7° 5	12° 1	20°36	27°59	5° 0	28°33	27°50	12°31	n.a.	S 20
S 21	13 11 6	18°47'27	17°30	14°12	4°53	25° 6	7°12	11°57	20°35	28° 1	4°59	28°D32	27°47	12°38	n.a.	S 21
M22	13 15 3	19°44'46	29°46	16°22	6° 6	25°29	7°18	11°54	20°34	28° 3	4°57	28°33	27°43	12°44	n.a.	M22
T 23	13 18 59	20°42'04	11♌48	18°33	7°19	25°53	7°25	11°50	20°33	28° 4	4°56	28°34	27°40	12°51	n.a.	T 23
W24	13 22 56	21°39'20	23°41	20°44	8°33	26°17	7°32	11°46	20°32	28° 6	4°54	28°35	27°37	12°58	n.a.	W24
T 25	13 26 52	22°36'36	5♍29	22°56	9°46	26°42	7°39	11°42	20°32	28° 8	4°52	28°37	27°34	13° 4	n.a.	T 25
F 26	13 30 49	23°33'50	17°17	25° 8	10°59	27° 7	7°46	11°38	20°31	28°10	4°51	28°38	27°31	13°11	n.a.	F 26
S 27	13 34 45	24°31'03	29° 8	27°19	12°12	27°32	7°54	11°34	20°30	28°12	4°49	28°R39	27°28	13°18	n.a.	S 27
S 28	13 38 42	25°28'16	11♎ 6	29°30	13°26	27°57	8° 1	11°29	20°29	28°14	4°48	28°38	27°24	13°24	n.a.	S 28
M29	13 42 38	26°25'27	23°12	1♉40	14°39	28°23	8° 8	11°25	20°29	28°16	4°46	28°36	27°21	13°31	n.a.	M29
T 30	13 46 35	27♈22'38	5♏28	3♉49	15♈52	28♋49	8♋16	11♏21	20♌28	28♉18	4♎45	28♍33	27♍18	13♍38	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s 9	4s25	1n26	11s34	2s37	9s10	1s31	25n12	2n42	24n40	0n57	14s 5	2n 1	15n30	0n49	18n44	1s14	12n16	15n52	0n32	0n28	6n17		n.a.
T 2	0n14	8 2	2 28	10 56	2 35	8 42	1 31	25 8	2 40	24 40	0 57	14 4	2 1	15 30	0 49	18 44	1 14	12 17	15 52	0 32	0 30	6 15		n.a.
W 3	0 37	11 22	3 24	10 17	2 32	8 13	1 31	25 4	2 38	24 40	0 57	14 3	2 2	15 31	0 49	18 44	1 14	12 18	15 52	0 32	0 31	6 13		n.a.
T 4	1 1	14 15	4 12	9 37	2 29	7 44	1 31	24 59	2 36	24 40	0 57	14 2	2 2	15 31	0 49	18 45	1 14	12 18	15 52	0 32	0 32	6 12		n.a.
F 5	1 24	16 31	4 48	8 55	2 25	7 15	1 31	24 55	2 34	24 40	0 57	14 2	2 2	15 32	0 49	18 45	1 14	12 19	15 52	0 32	0 33	6 10		n.a.
S 6	1 47	18 0	5 11	8 11	2 21	6 46	1 30	24 50	2 32	24 39	0 57	14 1	2 2	15 32	0 49	18 45	1 14	12 20	15 52	0 32	0 35	6 8		n.a.
S 7	2 10	18 33	5 18	7 26	2 16	6 17	1 30	24 45	2 30	24 39	0 57	14 0	2 2	15 33	0 49	18 46	1 14	12 20	15 52	0 32	0 36	6 6		n.a.
M 8	2 33	18 4	5 7	6 39	2 11	5 47	1 29	24 41	2 28	24 39	0 57	13 59	2 2	15 33	0 49	18 46	1 14	12 21	15 52	0 32	0 37	6 4		n.a.
T 9	2 57	16 29	4 39	5 51	2 5	5 17	1 29	24 36	2 26	24 38	0 57	13 58	2 2	15 34	0 49	18 47	1 14	12 21	15 52	0 32	0 39	6 3		n.a.
W10	3 20	13 52	3 53	5 1	1 58	4 48	1 28	24 31	2 24	24 38	0 57	13 57	2 2	15 34	0 49	18 47	1 14	12 22	15 52	0 32	0 40	6 1		n.a.
T 11	3 43	10 18	2 51	4 10	1 51	4 18	1 28	24 26	2 22	24 38	0 57	13 55	2 2	15 35	0 49	18 47	1 13	12 23	15 51	0 32	0 41	5 59		n.a.
F 12	4 6	6 2	1 36	3 17	1 44	3 48	1 27	24 20	2 20	24 38	0 57	13 54	2 2	15 35	0 49	18 48	1 13	12 23	15 51	0 31	0 42	5 57		n.a.
S 13	4 29	1 21	0 14	2 23	1 36	3 17	1 26	24 15	2 18	24 37	0 56	13 53	2 2	15 36	0 49	18 48	1 13	12 24	15 51	0 31	0 44	5 56		n.a.
S 14	4 51	3n25	1s 8	1 28	1 27	2 47	1 25	24 10	2 16	24 37	0 56	13 52	2 2	15 36	0 49	18 49	1 13	12 24	15 51	0 31	0 45	5 54		n.a.
M15	5 14	7 57	2 26	0 31	1 19	2 17	1 25	24 4	2 14	24 36	0 56	13 51	2 2	15 36	0 49	18 49	1 13	12 25	15 51	0 32	0 46	5 52		n.a.
T 16	5 37	11 54	3 32	0n26	1 9	1 46	1 24	23 59	2 12	24 36	0 56	13 50	2 2	15 37	0 49	18 49	1 13	12 25	15 51	0 32	0 47	5 50		n.a.
W17	5 59	15 2	4 23	1 24	1 0	1 16	1 23	23 53	2 11	24 36	0 56	13 49	2 2	15 37	0 49	18 50	1 13	12 26	15 51	0 33	0 49	5 48		n.a.
T 18	6 22	17 13	4 57	2 23	0 50	0 45	1 22	23 47	2 9	24 35	0 56	13 48	2 2	15 37	0 49	18 50	1 13	12 26	15 51	0 34	0 50	5 47		n.a.
F 19	6 44	18 22	5 14	3 23	0 40	0 15	1 20	23 41	2 7	24 35	0 56	13 46	2 2	15 38	0 49	18 51	1 13	12 27	15 50	0 35	0 51	5 45		n.a.
S 20	7 7	18 31	5 14	4 23	0 30	0n16	1 19	23 35	2 5	24 35	0 56	13 45	2 2	15 38	0 49	18 51	1 13	12 27	15 50	0 35	0 53	5 43		n.a.
S 21	7 29	17 44	4 59	5 24	0 19	0 47	1 18	23 29	2 3	24 34	0 56	13 44	2 3	15 38	0 49	18 52	1 13	12 28	15 50	0 35	0 54	5 41		n.a.
M22	7 51	16 8	4 31	6 25	0 9	1 17	1 17	23 23	2 2	24 34	0 56	13 43	2 3	15 38	0 49	18 52	1 13	12 28	15 50	0 35	0 55	5 39		n.a.
T 23	8 13	13 51	3 51	7 25	0n 2	1 48	1 15	23 17	2 0	24 33	0 56	13 42	2 3	15 39	0 49	18 53	1 13	12 29	15 50	0 35	0 56	5 38		n.a.
W24	8 35	11 0	3 1	8 25	0 13	2 19	1 14	23 10	1 58	24 33	0 56	13 40	2 3	15 39	0 49	18 53	1 13	12 29	15 49	0 34	0 58	5 36		n.a.
T 25	8 56	7 44	2 4	9 25	0 23	2 49	1 13	23 4	1 56	24 32	0 56	13 39	2 3	15 39	0 49	18 53	1 13	12 30	15 49	0 34	0 59	5 34		n.a.
F 26	9 18	4 9	1 2	10 24	0 33	3 20	1 11	22 57	1 55	24 32	0 56	13 38	2 3	15 39	0 48	18 54	1 13	12 30	15 49	0 33	1 0	5 32		n.a.
S 27	9 39	0 23	0n 3	11 22	0 43	3 50	1 10	22 51	1 53	24 31	0 56	13 37	2 3	15 40	0 48	18 54	1 13	12 30	15 49	0 33	1 2	5 31		n.a.
S 28	10 1	3s25	1 8	12 18	0 53	4 21	1 8	22 44	1 51	24 31	0 55	13 35	2 3	15 40	0 48	18 55	1 13	12 31	15 49	0 33	1 3	5 29		n.a.
M29	10 22	7 8	2 11	13 13	1 2	4 51	1 6	22 37	1 50	24 30	0 55	13 34	2 3	15 40	0 48	18 55	1 13	12 31	15 48	0 34	1 4	5 27		n.a.
T 30	10n43	10s36	3n 9	14n 6	1n11	5n21	1s 5	22n30	1n48	24n30	0n55	13s33	2n 3	15n40	0n48	18n56	1s13	12n32	15n48	0n35	1n 5	5n25		n.a.

Julian Day Number = 1274447.5, Delta T = 08h14m03s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'57, Lahiri = -20°50'56 Julian Calendar 1 Apr. 1224 BCE == Greg. Calendar 21 March 1224 BCE

The year -1223 astronomical counting style corresponds to year 1224 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1224 BCE
geocentric

MAY 1224 BCE (-1223) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 50 31	28♈19'48	17♏56	5♉57	17♈ 6	29♋16	8♋24	11°R17	20°R28	28♉20	4°R43	28°R29	27♍15	13♍44	n.a.	W 1
T 2	13 54 28	29°16'57	0♐38	8° 3	18°19	29°42	8°32	11♏13	20♌27	28°22	4♎42	28♍24	27°12	13°51	n.a.	T 2
F 3	13 58 25	0♉14'06	13°32	10° 8	19°32	0♌ 9	8°40	11° 9	20°27	28°24	4°40	28°19	27° 8	13°58	n.a.	F 3
S 4	14 2 21	1°11'15	26°40	12°11	20°46	0°36	8°48	11° 4	20°27	28°26	4°39	28°14	27° 5	14° 4	n.a.	S 4
S 5	14 6 18	2° 8'23	10♑ 3	14°12	21°59	1° 4	8°56	11° 0	20°26	28°28	4°37	28°11	27° 2	14°11	n.a.	S 5
M 6	14 10 14	3° 5'31	23°40	16°11	23°13	1°31	9° 4	10°56	20°26	28°30	4°36	28° 9	26°59	14°17	n.a.	M 6
T 7	14 14 11	4° 2'39	7♒33	18° 8	24°26	1°59	9°13	10°51	20°26	28°32	4°35	28°D 9	26°56	14°24	n.a.	T 7
W 8	14 18 7	4°59'46	21°39	20° 3	25°39	2°27	9°22	10°47	20°26	28°34	4°33	28°10	26°53	14°31	n.a.	W 8
T 9	14 22 4	5°56'54	5♓59	21°55	26°53	2°56	9°30	10°43	20°26	28°36	4°32	28°11	26°49	14°37	n.a.	T 9
F 10	14 26 1	6°54'01	20°30	23°46	28° 6	3°24	9°39	10°38	20°D26	28°38	4°30	28°12	26°46	14°44	n.a.	F 10
S 11	14 29 57	7°51'08	5♈ 9	25°34	29°20	3°53	9°48	10°34	20°26	28°40	4°29	28°R12	26°43	14°51	n.a.	S 11
S 12	14 33 54	8°48'14	19°49	27°19	0♉33	4°22	9°57	10°29	20°26	28°42	4°28	28°11	26°40	14°57	n.a.	S 12
M13	14 37 50	9°45'21	4♉26	29° 3	1°47	4°51	10° 6	10°25	20°26	28°45	4°26	28° 7	26°37	15° 4	n.a.	M13
T 14	14 41 47	10°42'27	18°51	0♊44	3° 0	5°21	10°15	10°21	20°26	28°47	4°25	28° 2	26°33	15°11	n.a.	T 14
W15	14 45 43	11°39'33	2♊59	2°22	4°14	5°51	10°25	10°16	20°27	28°49	4°24	27°55	26°30	15°17	n.a.	W15
T 16	14 49 40	12°36'39	16°46	3°59	5°27	6°21	10°34	10°12	20°27	28°51	4°23	27°48	26°27	15°24	n.a.	T 16
F 17	14 53 36	13°33'44	0♋ 9	5°33	6°41	6°51	10°44	10° 8	20°27	28°53	4°22	27°42	26°24	15°31	n.a.	F 17
S 18	14 57 33	14°30'50	13° 7	7° 4	7°54	7°21	10°53	10° 3	20°28	28°55	4°20	27°36	26°21	15°37	n.a.	S 18
S 19	15 1 30	15°27'54	25°43	8°33	9° 8	7°52	11° 3	9°59	20°28	28°57	4°19	27°32	26°18	15°44	n.a.	S 19
M20	15 5 26	16°24'58	8♌ 0	10° 0	10°21	8°23	11°13	9°54	20°29	29° 0	4°18	27°30	26°14	15°51	n.a.	M20
T 21	15 9 23	17°22'02	20° 3	11°24	11°35	8°54	11°23	9°50	20°29	29° 2	4°17	27°D30	26°11	15°57	n.a.	T 21
W22	15 13 19	18°19'06	1♍56	12°46	12°49	9°25	11°33	9°46	20°30	29° 4	4°16	27°31	26° 8	16° 4	n.a.	W22
T 23	15 17 16	19°16'09	13°44	14° 5	14° 2	9°57	11°43	9°42	20°31	29° 6	4°15	27°32	26° 5	16°10	n.a.	T 23
F 24	15 21 12	20°13'12	25°33	15°22	15°16	10°28	11°53	9°37	20°31	29° 8	4°14	27°R32	26° 2	16°17	n.a.	F 24
S 25	15 25 9	21°10'15	7♎28	16°36	16°29	11° 0	12° 3	9°33	20°32	29°11	4°13	27°32	25°59	16°24	n.a.	S 25
S 26	15 29 5	22° 7'18	19°32	17°47	17°43	11°32	12°14	9°29	20°33	29°13	4°12	27°29	25°55	16°30	n.a.	S 26
M27	15 33 2	23° 4'21	1♏48	18°56	18°57	12° 4	12°24	9°25	20°34	29°15	4°11	27°25	25°52	16°37	n.a.	M27
T 28	15 36 59	24° 1'24	14°19	20° 2	20°10	12°37	12°34	9°20	20°35	29°17	4°10	27°18	25°49	16°44	n.a.	T 28
W29	15 40 55	24°58'28	27° 6	21° 4	21°24	13° 9	12°45	9°16	20°36	29°20	4° 9	27° 9	25°46	16°50	n.a.	W29
T 30	15 44 52	25°55'31	10♐ 8	22° 4	22°38	13°42	12°56	9°12	20°37	29°22	4° 8	27° 0	25°43	16°57	n.a.	T 30
F 31	15 48 48	26♉52'35	23♐25	23♊ 1	23♉51	14♌15	13♋ 6	9♏ 8	20♌38	29♉24	4♎ 7	26♍50	25♍39	17♍ 4	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
W 1	11n 3	13s39	3n58	14n58	1n19	5n51	1s 3	22n23	1n46	24n29	0n55	13s31	2n 3	15n40	0n48	18n56	1s13	12n32	15n48	0n37	1n 7	5n23		n.a.
T 2	11 24	16 7	4 37	15 47	1 27	6 21	1 1	22 15	1 45	24 29	0 55	13 30	2 3	15 40	0 48	18 57	1 13	12 32	15 47	0 39	1 8	5 22		n.a.
F 3	11 45	17 48	5 2	16 35	1 34	6 51	0 59	22 8	1 43	24 28	0 55	13 29	2 3	15 40	0 48	18 57	1 13	12 33	15 47	0 41	1 9	5 20		n.a.
S 4	12 5	18 36	5 12	17 20	1 40	7 21	0 57	22 0	1 41	24 27	0 55	13 28	2 3	15 40	0 48	18 58	1 13	12 33	15 47	0 43	1 11	5 18		n.a.
S 5	12 25	18 22	5 6	18 3	1 46	7 51	0 56	21 53	1 40	24 27	0 55	13 26	2 3	15 40	0 48	18 58	1 13	12 33	15 47	0 44	1 12	5 16		n.a.
M 6	12 45	17 6	4 42	18 44	1 51	8 20	0 54	21 45	1 38	24 26	0 55	13 25	2 2	15 40	0 48	18 59	1 13	12 33	15 46	0 45	1 13	5 14		n.a.
T 7	13 5	14 48	4 2	19 22	1 56	8 49	0 52	21 37	1 37	24 26	0 55	13 24	2 2	15 40	0 48	18 59	1 13	12 34	15 46	0 45	1 14	5 13		n.a.
W 8	13 24	11 35	3 6	19 58	2 0	9 18	0 50	21 29	1 35	24 25	0 55	13 22	2 2	15 40	0 48	19 0	1 13	12 34	15 46	0 44	1 16	5 11		n.a.
T 9	13 43	7 38	1 58	20 32	2 3	9 47	0 48	21 21	1 34	24 24	0 55	13 21	2 2	15 40	0 48	19 0	1 13	12 34	15 45	0 44	1 17	5 9		n.a.
F 10	14 3	3 11	0 42	21 3	2 5	10 16	0 46	21 13	1 32	24 23	0 55	13 20	2 2	15 40	0 48	19 1	1 13	12 34	15 45	0 44	1 18	5 7		n.a.
S 11	14 22	1n30	0s38	21 31	2 7	10 44	0 44	21 4	1 31	24 23	0 55	13 18	2 2	15 40	0 48	19 1	1 12	12 35	15 45	0 44	1 20	5 5		n.a.
S 12	14 40	6 7	1 55	21 58	2 8	11 13	0 41	20 56	1 29	24 22	0 55	13 17	2 2	15 40	0 48	19 2	1 12	12 35	15 44	0 44	1 21	5 4		n.a.
M13	14 59	10 20	3 4	22 22	2 8	11 41	0 39	20 47	1 28	24 21	0 55	13 16	2 2	15 40	0 48	19 2	1 12	12 35	15 44	0 46	1 22	5 2		n.a.
T 14	15 17	13 52	4 0	22 44	2 8	12 8	0 37	20 38	1 26	24 21	0 55	13 14	2 2	15 40	0 48	19 3	1 12	12 35	15 44	0 48	1 23	5 0		n.a.
W15	15 35	16 31	4 41	23 3	2 7	12 36	0 35	20 29	1 25	24 20	0 55	13 13	2 2	15 40	0 48	19 3	1 12	12 35	15 43	0 50	1 25	4 58		n.a.
T 16	15 53	18 8	5 3	23 21	2 5	13 3	0 33	20 20	1 23	24 19	0 55	13 12	2 2	15 40	0 48	19 4	1 12	12 35	15 43	0 53	1 26	4 56		n.a.
F 17	16 10	18 42	5 9	23 36	2 3	13 29	0 30	20 11	1 22	24 18	0 55	13 10	2 2	15 40	0 48	19 4	1 12	12 36	15 42	0 56	1 27	4 54		n.a.
S 18	16 28	18 14	4 58	23 49	2 0	13 56	0 28	20 2	1 20	24 17	0 55	13 9	2 2	15 39	0 48	19 5	1 12	12 36	15 42	0 58	1 29	4 53		n.a.
S 19	16 45	16 53	4 33	24 1	1 56	14 22	0 26	19 52	1 19	24 16	0 54	13 8	2 2	15 39	0 48	19 5	1 12	12 36	15 42	1 0	1 30	4 51		n.a.
M20	17 1	14 47	3 55	24 10	1 52	14 48	0 24	19 43	1 17	24 16	0 54	13 6	2 2	15 39	0 47	19 6	1 12	12 36	15 41	1 1	1 31	4 49		n.a.
T 21	17 18	12 4	3 8	24 17	1 47	15 13	0 21	19 33	1 16	24 15	0 54	13 5	2 2	15 39	0 47	19 6	1 12	12 36	15 41	1 1	1 32	4 47		n.a.
W22	17 34	8 53	2 14	24 23	1 42	15 38	0 19	19 23	1 15	24 14	0 54	13 4	2 1	15 39	0 47	19 7	1 12	12 36	15 40	1 0	1 34	4 45		n.a.
T 23	17 50	5 22	1 14	24 27	1 35	16 3	0 17	19 13	1 13	24 13	0 54	13 2	2 1	15 38	0 47	19 7	1 12	12 36	15 40	1 0	1 35	4 44		n.a.
F 24	18 6	1 38	0 11	24 29	1 29	16 27	0 14	19 3	1 12	24 12	0 54	13 1	2 1	15 38	0 47	19 8	1 12	12 36	15 39	1 0	1 36	4 42		n.a.
S 25	18 21	2s12	0n53	24 30	1 21	16 51	0 12	18 53	1 11	24 11	0 54	13 0	2 1	15 38	0 47	19 8	1 12	12 36	15 39	1 0	1 38	4 40		n.a.
S 26	18 36	5 59	1 55	24 29	1 14	17 15	0 10	18 43	1 9	24 10	0 54	12 59	2 1	15 37	0 47	19 9	1 12	12 36	15 38	1 1	1 39	4 38		n.a.
M27	18 51	9 36	2 53	24 27	1 5	17 38	0 7	18 33	1 8	24 9	0 54	12 57	2 1	15 37	0 47	19 9	1 12	12 36	15 38	1 3	1 40	4 36		n.a.
T 28	19 5	12 51	3 44	24 23	0 56	18 0	0 5	18 22	1 7	24 8	0 54	12 56	2 1	15 37	0 47	19 10	1 12	12 36	15 38	1 5	1 41	4 34		n.a.
W29	19 20	15 33	4 24	24 18	0 47	18 22	0 3	18 11	1 5	24 7	0 54	12 55	2 1	15 36	0 47	19 10	1 12	12 36	15 37	1 9	1 43	4 33		n.a.
T 30	19 33	17 32	4 52	24 12	0 37	18 44	0 0	18 0	1 4	24 6	0 54	12 54	2 1	15 36	0 47	19 11	1 12	12 36	15 37	1 13	1 44	4 31		n.a.
F 31	19n47	18s37	5n 4	24n 5	0n26	19n 5	0n 2	17n49	1n 3	24n 5	0n54	12s53	2n 0	15n36	0n47	19n11	1s12	12n36	15n36	1n17	1n45	4n29		n.a.

Julian Day Number = 1274477.5, Delta T = 08h14m01s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'53, Lahiri = -20°50'52 Julian Calendar 1 May 1224 BCE == Greg. Calendar 20 Apr. 1224 BCE

The year -1223 astronomical counting style corresponds to year 1224 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1224 BCE
geocentric

JUNE 1224 BCE (-1223) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 52 45	27♉49'40	6♋54	23♊54	25♉ 5	14♌48	13♋17	9°R 4	20♌39	29♉26	4°R 7	26°R41	25♍36	17♍10	n.a.	S 1
S 2	15 56 41	28°46'45	20°35	24°45	26°19	15°21	13°28	9♏ 0	20°40	29°28	4♎ 6	26♍34	25°33	17°17	n.a.	S 2
M 3	16 0 38	29°43'50	4♒24	25°31	27°33	15°54	13°39	8°56	20°42	29°31	4° 5	26°29	25°30	17°24	n.a.	M 3
T 4	16 4 35	0♊40'57	18°21	26°14	28°46	16°28	13°50	8°52	20°43	29°33	4° 4	26°26	25°27	17°30	n.a.	T 4
W 5	16 8 31	1°38'04	2♓24	26°54	0♊ 0	17° 2	14° 1	8°48	20°44	29°35	4° 4	26°D26	25°24	17°37	n.a.	W 5
T 6	16 12 28	2°35'11	16°34	27°29	1°14	17°35	14°12	8°44	20°46	29°37	4° 3	26°26	25°20	17°44	n.a.	T 6
F 7	16 16 24	3°32'20	0♈47	28° 1	2°28	18° 9	14°24	8°41	20°47	29°40	4° 2	26°R26	25°17	17°50	n.a.	F 7
S 8	16 20 21	4°29'29	15° 3	28°28	3°42	18°44	14°35	8°37	20°49	29°42	4° 2	26°25	25°14	17°57	n.a.	S 8
S 9	16 24 17	5°26'40	29°19	28°51	4°55	19°18	14°46	8°33	20°50	29°44	4° 1	26°22	25°11	18° 3	n.a.	S 9
M10	16 28 14	6°23'51	13♉32	29° 9	6° 9	19°52	14°58	8°30	20°52	29°46	4° 1	26°15	25° 8	18°10	n.a.	M10
T 11	16 32 10	7°21'03	27°36	29°23	7°23	20°27	15° 9	8°26	20°53	29°48	4° 0	26° 7	25° 5	18°17	n.a.	T 11
W12	16 36 7	8°18'16	11♊27	29°32	8°37	21° 2	15°21	8°22	20°55	29°51	4° 0	25°56	25° 1	18°23	n.a.	W12
T 13	16 40 4	9°15'29	25° 1	29°R37	9°51	21°37	15°33	8°19	20°57	29°53	3°59	25°45	24°58	18°30	n.a.	T 13
F 14	16 44 0	10°12'43	8♋15	29°36	11° 5	22°12	15°44	8°16	20°59	29°55	3°59	25°33	24°55	18°37	n.a.	F 14
S 15	16 47 57	11° 9'58	21° 9	29°31	12°19	22°47	15°56	8°12	21° 0	29°57	3°58	25°24	24°52	18°43	n.a.	S 15
S 16	16 51 53	12° 7'13	3♌43	29°20	13°33	23°23	16° 8	8° 9	21° 2	29°59	3°58	25°16	24°49	18°50	n.a.	S 16
M17	16 55 50	13° 4'30	15°58	29° 5	14°47	23°58	16°20	8° 6	21° 4	0♊ 2	3°58	25°11	24°45	18°57	n.a.	M17
T 18	16 59 46	14° 1'46	28° 0	28°44	16° 1	24°34	16°32	8° 3	21° 6	0° 4	3°57	25° 8	24°42	19° 3	n.a.	T 18
W19	17 3 43	14°59'03	9♍53	28°19	17°15	25°10	16°43	8° 0	21° 8	0° 6	3°57	25° 7	24°39	19°10	n.a.	W19
T 20	17 7 40	15°56'21	21°42	27°50	18°29	25°46	16°56	7°57	21°10	0° 8	3°57	25° 7	24°36	19°17	n.a.	T 20
F 21	17 11 36	16°53'40	3♎32	27°16	19°43	26°22	17° 8	7°54	21°12	0°10	3°57	25° 7	24°33	19°23	n.a.	F 21
S 22	17 15 33	17°50'59	15°29	26°39	20°57	26°58	17°20	7°51	21°14	0°13	3°57	25° 6	24°30	19°30	n.a.	S 22
S 23	17 19 29	18°48'20	27°37	25°59	22°11	27°34	17°32	7°48	21°17	0°15	3°57	25° 2	24°26	19°37	n.a.	S 23
M24	17 23 26	19°45'41	10♏ 1	25°16	23°25	28°11	17°44	7°45	21°19	0°17	3°56	24°57	24°23	19°43	n.a.	M24
T 25	17 27 22	20°43'03	22°44	24°31	24°39	28°47	17°56	7°43	21°21	0°19	3°56	24°48	24°20	19°50	n.a.	T 25
W26	17 31 19	21°40'26	5♐47	23°45	25°53	29°24	18° 9	7°40	21°24	0°21	3°D56	24°38	24°17	19°56	n.a.	W26
T 27	17 35 15	22°37'50	19°10	22°59	27° 7	0♍ 1	18°21	7°38	21°26	0°23	3°56	24°26	24°14	20° 3	n.a.	T 27
F 28	17 39 12	23°35'16	2♋50	22°13	28°21	0°38	18°33	7°35	21°28	0°25	3°57	24°13	24°11	20°10	n.a.	F 28
S 29	17 43 9	24°32'43	16°45	21°29	29°35	1°15	18°46	7°33	21°31	0°27	3°57	24° 2	24° 7	20°16	n.a.	S 29
S 30	17 47 5	25♊30'11	0♒50	20♊47	0♋50	1♍52	18♋58	7♏31	21♌33	0♊29	3♎57	23♍53	24♍ 4	20♍23	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 0	18s40	5n 0	23n57	0n15	19n26	0n 5	17n38	1n 1	24n 3	0n54	12s51	2n 0	15n35	0n47	19n12	1s12	12n35	15n36	1n20	1n46	4n27		n.a.
S 2	20 13	17 39	4 38	23 47	0 4	19 46	0 7	17 27	1 0	24 2	0 54	12 50	2 0	15 35	0 47	19 12	1 12	12 35	15 35	1 23	1 48	4 25		n.a.
M 3	20 26	15 35	4 1	23 37	0s 8	20 5	0 9	17 16	0 59	24 1	0 54	12 49	2 0	15 34	0 47	19 12	1 12	12 35	15 35	1 25	1 49	4 24		n.a.
T 4	20 38	12 36	3 9	23 26	0 21	20 24	0 12	17 4	0 57	24 0	0 54	12 48	2 0	15 34	0 47	19 13	1 12	12 35	15 34	1 26	1 50	4 22		n.a.
W 5	20 50	8 51	2 5	23 14	0 34	20 43	0 14	16 53	0 56	23 59	0 54	12 47	2 0	15 33	0 47	19 13	1 12	12 35	15 34	1 27	1 52	4 20		n.a.
T 6	21 1	4 35	0 52	23 2	0 47	21 1	0 16	16 41	0 55	23 58	0 54	12 46	2 0	15 33	0 47	19 14	1 12	12 35	15 33	1 26	1 53	4 18		n.a.
F 7	21 13	0 2	0s23	22 49	1 0	21 18	0 19	16 29	0 54	23 56	0 54	12 45	1 59	15 32	0 47	19 14	1 12	12 34	15 33	1 26	1 54	4 16		n.a.
S 8	21 23	4n32	1 37	22 36	1 14	21 35	0 21	16 17	0 52	23 55	0 54	12 44	1 59	15 32	0 47	19 15	1 12	12 34	15 32	1 27	1 55	4 14		n.a.
S 9	21 34	8 50	2 46	22 22	1 28	21 51	0 23	16 5	0 51	23 54	0 54	12 43	1 59	15 31	0 47	19 15	1 12	12 34	15 32	1 28	1 57	4 13		n.a.
M10	21 44	12 37	3 43	22 8	1 42	22 7	0 25	15 53	0 50	23 53	0 54	12 42	1 59	15 31	0 47	19 16	1 12	12 34	15 31	1 31	1 58	4 11		n.a.
T 11	21 54	15 38	4 26	21 54	1 57	22 22	0 28	15 41	0 49	23 51	0 54	12 41	1 59	15 30	0 47	19 16	1 12	12 33	15 31	1 34	1 59	4 9		n.a.
W12	22 3	17 42	4 53	21 39	2 11	22 36	0 30	15 28	0 48	23 50	0 54	12 40	1 59	15 30	0 47	19 17	1 12	12 33	15 30	1 39	2 1	4 7		n.a.
T 13	22 12	18 43	5 2	21 25	2 25	22 50	0 32	15 16	0 46	23 48	0 54	12 39	1 59	15 29	0 46	19 17	1 12	12 33	15 29	1 43	2 2	4 5		n.a.
F 14	22 21	18 40	4 55	21 11	2 40	23 3	0 34	15 3	0 45	23 47	0 54	12 38	1 58	15 28	0 46	19 18	1 12	12 32	15 29	1 48	2 3	4 3		n.a.
S 15	22 29	17 39	4 32	20 56	2 54	23 15	0 36	14 50	0 44	23 46	0 54	12 37	1 58	15 28	0 46	19 18	1 12	12 32	15 28	1 52	2 4	4 2		n.a.
S 16	22 37	15 48	3 57	20 43	3 7	23 27	0 39	14 37	0 43	23 44	0 54	12 36	1 58	15 27	0 46	19 19	1 12	12 32	15 28	1 55	2 6	4 0		n.a.
M17	22 45	13 16	3 12	20 29	3 21	23 38	0 41	14 24	0 42	23 43	0 54	12 35	1 58	15 27	0 46	19 19	1 12	12 31	15 27	1 57	2 7	3 58		n.a.
T 18	22 52	10 12	2 19	20 16	3 33	23 48	0 43	14 11	0 40	23 41	0 54	12 34	1 58	15 26	0 46	19 20	1 12	12 31	15 27	1 58	2 8	3 56		n.a.
W19	22 59	6 45	1 20	20 4	3 45	23 57	0 45	13 58	0 39	23 40	0 54	12 33	1 57	15 25	0 46	19 20	1 12	12 31	15 26	1 58	2 10	3 54		n.a.
T 20	23 5	3 4	0 18	19 53	3 56	24 6	0 47	13 44	0 38	23 38	0 54	12 33	1 57	15 24	0 46	19 21	1 12	12 30	15 26	1 58	2 11	3 52		n.a.
F 21	23 11	0s45	0n45	19 42	4 6	24 14	0 49	13 31	0 37	23 37	0 54	12 32	1 57	15 24	0 46	19 21	1 12	12 30	15 25	1 58	2 12	3 51		n.a.
S 22	23 16	4 34	1 46	19 32	4 15	24 22	0 51	13 17	0 36	23 35	0 54	12 31	1 57	15 23	0 46	19 22	1 12	12 29	15 24	1 59	2 13	3 49		n.a.
S 23	23 21	8 16	2 43	19 24	4 23	24 29	0 53	13 3	0 35	23 34	0 54	12 30	1 57	15 22	0 46	19 22	1 12	12 29	15 24	2 0	2 15	3 47		n.a.
M24	23 26	11 41	3 34	19 16	4 29	24 35	0 54	12 50	0 34	23 32	0 54	12 30	1 56	15 21	0 46	19 22	1 12	12 28	15 23	2 2	2 16	3 45		n.a.
T 25	23 30	14 39	4 16	19 10	4 33	24 40	0 56	12 36	0 32	23 30	0 54	12 29	1 56	15 21	0 46	19 23	1 12	12 28	15 23	2 6	2 17	3 43		n.a.
W26	23 34	16 57	4 45	19 5	4 36	24 44	0 58	12 21	0 31	23 29	0 54	12 28	1 56	15 20	0 46	19 23	1 12	12 27	15 22	2 10	2 18	3 41		n.a.
T 27	23 38	18 25	4 59	19 2	4 37	24 48	1 0	12 7	0 30	23 27	0 54	12 28	1 56	15 19	0 46	19 24	1 12	12 27	15 22	2 15	2 20	3 40		n.a.
F 28	23 41	18 51	4 57	19 0	4 37	24 51	1 1	11 53	0 29	23 25	0 54	12 27	1 56	15 18	0 46	19 24	1 12	12 26	15 21	2 20	2 21	3 38		n.a.
S 29	23 43	18 10	4 38	19 0	4 34	24 53	1 3	11 39	0 28	23 23	0 54	12 27	1 55	15 17	0 46	19 25	1 12	12 26	15 20	2 24	2 22	3 36		n.a.
S 30	23n46	16s23	4n 1	19n 1	4s30	24n55	1n 5	11n24	0n27	23n22	0n54	12s26	1n55	15n17	0n46	19n25	1s12	12n25	15n20	2n28	2n24	3n34		n.a.

Julian Day Number = 1274508.5, Delta T = 08h14m00s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'48, Lahiri = -20°50'48 Julian Calendar 1 June 1224 BCE == Greg. Calendar 21 May 1224 BCE

The year -1223 astronomical counting style corresponds to year 1224 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1224 BCE
geocentric

JULY 1224 BCE (-1223) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 51 2	26♊27'40	15♒ 0	20°R 8	2♋ 4	2♍30	19♋11	7°R29	21♌36	0♊31	3♎57	23°R47	24♍ 1	20♍30	n.a.	M 1
T 2	17 54 58	27°25'11	29°12	19♊33	3°18	3° 7	19°23	7♏27	21°38	0°33	3°57	23♍44	23°58	20°36	n.a.	T 2
W 3	17 58 55	28°22'44	13♓24	19° 2	4°32	3°45	19°36	7°25	21°41	0°36	3°57	23°42	23°55	20°43	n.a.	W 3
T 4	18 2 51	29°20'18	27°33	18°37	5°46	4°23	19°48	7°23	21°44	0°38	3°58	23°42	23°51	20°50	n.a.	T 4
F 5	18 6 48	0♋17'54	11♈38	18°18	7° 0	5° 0	20° 1	7°21	21°46	0°40	3°58	23°42	23°48	20°56	n.a.	F 5
S 6	18 10 44	1°15'31	25°38	18° 5	8°15	5°38	20°14	7°19	21°49	0°42	3°58	23°40	23°45	21° 3	n.a.	S 6
S 7	18 14 41	2°13'11	9♉33	17°D59	9°29	6°16	20°26	7°18	21°52	0°43	3°59	23°36	23°42	21°10	n.a.	S 7
M 8	18 18 38	3°10'52	23°21	18° 0	10°43	6°55	20°39	7°16	21°55	0°45	3°59	23°30	23°39	21°16	n.a.	M 8
T 9	18 22 34	4° 8'35	7♊ 0	18° 8	11°57	7°33	20°52	7°15	21°57	0°47	3°59	23°20	23°36	21°23	n.a.	T 9
W10	18 26 31	5° 6'20	20°28	18°23	13°12	8°11	21° 5	7°13	22° 0	0°49	4° 0	23° 9	23°32	21°30	n.a.	W10
T 11	18 30 27	6° 4'06	3♋42	18°46	14°26	8°50	21°17	7°12	22° 3	0°51	4° 0	22°57	23°29	21°36	n.a.	T 11
F 12	18 34 24	7° 1'54	16°40	19°16	15°40	9°29	21°30	7°11	22° 6	0°53	4° 1	22°45	23°26	21°43	n.a.	F 12
S 13	18 38 20	7°59'43	29°22	19°53	16°55	10° 7	21°43	7°10	22° 9	0°55	4° 1	22°34	23°23	21°49	n.a.	S 13
S 14	18 42 17	8°57'34	11♌47	20°38	18° 9	10°46	21°56	7° 9	22°12	0°57	4° 2	22°26	23°20	21°56	n.a.	S 14
M15	18 46 13	9°55'26	23°58	21°30	19°23	11°25	22° 9	7° 8	22°15	0°59	4° 3	22°20	23°16	22° 3	n.a.	M15
T 16	18 50 10	10°53'20	5♍57	22°29	20°38	12° 4	22°22	7° 7	22°18	1° 0	4° 3	22°16	23°13	22° 9	n.a.	T 16
W17	18 54 7	11°51'15	17°48	23°34	21°52	12°44	22°35	7° 6	22°21	1° 2	4° 4	22°D15	23°10	22°16	n.a.	W17
T 18	18 58 3	12°49'12	29°36	24°46	23° 6	13°23	22°48	7° 6	22°24	1° 4	4° 5	22°15	23° 7	22°23	n.a.	T 18
F 19	19 2 0	13°47'10	11♎25	26° 4	24°21	14° 2	23° 1	7° 5	22°27	1° 6	4° 6	22°R16	23° 4	22°29	n.a.	F 19
S 20	19 5 56	14°45'09	23°22	27°27	25°35	14°42	23°13	7° 5	22°31	1° 8	4° 6	22°15	23° 1	22°36	n.a.	S 20
S 21	19 9 53	15°43'11	5♏31	28°55	26°50	15°22	23°26	7° 4	22°34	1° 9	4° 7	22°13	22°57	22°43	n.a.	S 21
M22	19 13 49	16°41'13	17°58	0♋29	28° 4	16° 1	23°39	7° 4	22°37	1°11	4° 8	22° 9	22°54	22°49	n.a.	M22
T 23	19 17 46	17°39'18	0♐46	2° 6	29°18	16°41	23°53	7° 4	22°40	1°13	4° 9	22° 3	22°51	22°56	n.a.	T 23
W24	19 21 42	18°37'24	13°59	3°47	0♌33	17°21	24° 6	7°D 4	22°44	1°14	4°10	21°54	22°48	23° 3	n.a.	W24
T 25	19 25 39	19°35'32	27°35	5°31	1°47	18° 1	24°19	7° 4	22°47	1°16	4°11	21°45	22°45	23° 9	n.a.	T 25
F 26	19 29 36	20°33'41	11♑34	7°19	3° 2	18°41	24°32	7° 4	22°50	1°17	4°12	21°35	22°42	23°16	n.a.	F 26
S 27	19 33 32	21°31'52	25°51	9° 8	4°16	19°22	24°45	7° 4	22°54	1°19	4°13	21°26	22°38	23°22	n.a.	S 27
S 28	19 37 29	22°30'06	10♒21	10°59	5°30	20° 2	24°58	7° 5	22°57	1°21	4°14	21°18	22°35	23°29	n.a.	S 28
M29	19 41 25	23°28'21	24°57	12°52	6°45	20°42	25°11	7° 5	23° 1	1°22	4°15	21°13	22°32	23°36	n.a.	M29
T 30	19 45 22	24°26'38	9♓32	14°46	7°59	21°23	25°24	7° 6	23° 4	1°24	4°16	21°11	22°29	23°42	n.a.	T 30
W31	19 49 18	25♋24'58	24♓ 2	16♋41	9♌14	22♍ 4	25♋37	7♏ 6	23♌ 7	1♊25	4♎17	21°D10	22♍26	23♍49	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n47	13s35	3n 9	19n 5	4s24	24n56	1n 6	11n 9	0n26	23n20	0n54	12s25	1n55	15n16	0n46	19n26	1s12	12n24	15n19	2n30	2n25	3n32			n.a.
T 2	23 49	9 59	2 6	19 10	4 16	24 55	1 8	10 55	0 25	23 18	0 54	12 25	1 55	15 15	0 46	19 26	1 12	12 24	15 19	2 32	2 26	3 30			n.a.
W 3	23 50	5 48	0 54	19 16	4 7	24 55	1 9	10 40	0 24	23 16	0 54	12 25	1 55	15 14	0 46	19 26	1 12	12 23	15 18	2 32	2 27	3 28			n.a.
T 4	23 50	1 18	0s20	19 25	3 57	24 53	1 11	10 25	0 23	23 14	0 54	12 24	1 54	15 13	0 46	19 27	1 12	12 23	15 18	2 32	2 29	3 27			n.a.
F 5	23 50	3n14	1 33	19 35	3 45	24 51	1 12	10 10	0 22	23 13	0 54	12 24	1 54	15 12	0 46	19 27	1 12	12 22	15 17	2 33	2 30	3 25			n.a.
S 6	23 50	7 35	2 40	19 46	3 32	24 48	1 13	9 55	0 20	23 11	0 54	12 23	1 54	15 11	0 46	19 28	1 12	12 21	15 16	2 33	2 31	3 23			n.a.
S 7	23 49	11 29	3 37	20 0	3 18	24 44	1 15	9 40	0 19	23 9	0 54	12 23	1 54	15 10	0 46	19 28	1 12	12 21	15 16	2 35	2 33	3 21			n.a.
M 8	23 48	14 43	4 21	20 14	3 3	24 39	1 16	9 24	0 18	23 7	0 54	12 23	1 53	15 9	0 46	19 28	1 12	12 20	15 15	2 37	2 34	3 19			n.a.
T 9	23 46	17 5	4 49	20 30	2 48	24 34	1 17	9 9	0 17	23 5	0 54	12 23	1 53	15 8	0 46	19 29	1 12	12 19	15 15	2 41	2 35	3 17			n.a.
W10	23 44	18 29	5 1	20 47	2 32	24 28	1 18	8 53	0 16	23 3	0 54	12 22	1 53	15 7	0 46	19 29	1 12	12 19	15 14	2 46	2 36	3 16			n.a.
T 11	23 42	18 51	4 56	21 5	2 16	24 21	1 19	8 38	0 15	23 1	0 54	12 22	1 53	15 6	0 46	19 30	1 12	12 18	15 14	2 51	2 38	3 14			n.a.
F 12	23 39	18 13	4 36	21 24	2 0	24 13	1 20	8 22	0 14	22 59	0 54	12 22	1 53	15 5	0 46	19 30	1 12	12 17	15 13	2 55	2 39	3 12			n.a.
S 13	23 35	16 41	4 2	21 43	1 44	24 5	1 21	8 6	0 13	22 57	0 54	12 22	1 52	15 4	0 45	19 30	1 12	12 16	15 12	3 0	2 40	3 10			n.a.
S 14	23 32	14 23	3 18	22 3	1 27	23 56	1 22	7 50	0 12	22 55	0 55	12 22	1 52	15 3	0 45	19 31	1 12	12 16	15 12	3 3	2 41	3 8			n.a.
M15	23 28	11 29	2 25	22 22	1 11	23 46	1 22	7 34	0 11	22 53	0 55	12 22	1 52	15 2	0 45	19 31	1 12	12 15	15 11	3 6	2 43	3 6			n.a.
T 16	23 23	8 9	1 26	22 42	0 55	23 36	1 23	7 18	0 10	22 51	0 55	12 22	1 52	15 1	0 45	19 31	1 12	12 14	15 11	3 7	2 44	3 4			n.a.
W17	23 18	4 32	0 24	23 1	0 40	23 24	1 24	7 2	0 9	22 49	0 55	12 22	1 51	15 0	0 45	19 32	1 12	12 13	15 10	3 7	2 45	3 3			n.a.
T 18	23 12	0 46	0n39	23 19	0 25	23 12	1 24	6 46	0 8	22 46	0 55	12 22	1 51	14 59	0 45	19 32	1 12	12 12	15 10	3 7	2 47	3 1			n.a.
F 19	23 7	3s 3	1 40	23 36	0 11	23 0	1 25	6 29	0 7	22 44	0 55	12 22	1 51	14 58	0 45	19 32	1 12	12 12	15 9	3 7	2 48	2 59			n.a.
S 20	23 0	6 47	2 38	23 52	0n 3	22 46	1 25	6 13	0 6	22 42	0 55	12 22	1 51	14 57	0 45	19 33	1 12	12 11	15 9	3 7	2 49	2 57			n.a.
S 21	22 54	10 17	3 30	24 6	0 16	22 33	1 26	5 57	0 5	22 40	0 55	12 22	1 50	14 56	0 45	19 33	1 12	12 10	15 8	3 8	2 50	2 55			n.a.
M22	22 47	13 26	4 12	24 18	0 28	22 18	1 26	5 40	0 4	22 38	0 55	12 22	1 50	14 55	0 45	19 33	1 12	12 9	15 7	3 10	2 52	2 53			n.a.
T 23	22 39	16 1	4 44	24 29	0 40	22 3	1 26	5 24	0 3	22 35	0 55	12 22	1 50	14 54	0 45	19 34	1 12	12 8	15 7	3 12	2 53	2 51			n.a.
W24	22 31	17 52	5 1	24 37	0 50	21 47	1 27	5 7	0 2	22 33	0 55	12 22	1 50	14 53	0 45	19 34	1 12	12 7	15 6	3 16	2 54	2 50			n.a.
T 25	22 23	18 46	5 3	24 43	1 0	21 30	1 27	4 50	0 2	22 31	0 55	12 23	1 50	14 52	0 45	19 34	1 12	12 7	15 6	3 20	2 56	2 48			n.a.
F 26	22 14	18 34	4 46	24 46	1 9	21 13	1 27	4 33	0 1	22 29	0 55	12 23	1 49	14 50	0 45	19 35	1 12	12 6	15 5	3 24	2 57	2 46			n.a.
S 27	22 5	17 12	4 12	24 47	1 16	20 55	1 27	4 16	0s 0	22 26	0 55	12 23	1 49	14 49	0 45	19 35	1 12	12 5	15 5	3 27	2 58	2 44			n.a.
S 28	21 55	14 43	3 21	24 46	1 23	20 36	1 27	3 59	0 1	22 24	0 55	12 24	1 49	14 48	0 45	19 35	1 12	12 4	15 4	3 30	2 59	2 42			n.a.
M29	21 46	11 17	2 16	24 41	1 29	20 17	1 27	3 42	0 2	22 22	0 55	12 24	1 49	14 47	0 45	19 36	1 12	12 3	15 4	3 32	3 1	2 40			n.a.
T 30	21 35	7 10	1 2	24 34	1 35	19 58	1 26	3 25	0 3	22 19	0 55	12 24	1 48	14 46	0 45	19 36	1 13	12 2	15 3	3 33	3 2	2 38			n.a.
W31	21n25	2s39	0s15	24n25	1n39	19n38	1n26	3n 8	0s 4	22n17	0n55	12s25	1n48	14n45	0n45	19n36	1s13	12n 1	15n 3	3n33	3n 3	2n37			n.a.

Julian Day Number = 1274538.5, Delta T = 08h13m58s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'44, Lahiri = -20°50'44 Julian Calendar 1 July 1224 BCE == Greg. Calendar 20 June 1224 BCE

The year -1223 astronomical counting style corresponds to year 1224 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1224 BCE
geocentric

AUGUST 1224 BCE (-1223) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 53 15	26♋23'20	8♈22	18♋36	10♌28	22♍44	25♋50	7♏ 7	23♌11	1♊27	4♎19	21♍11	22♍22	23♍56	n.a.	T 1
F 2	19 57 11	27°21'44	22°30	20°32	11°43	23°25	26° 3	7° 8	23°14	1°28	4°20	21°R12	22°19	24° 2	n.a.	F 2
S 3	20 1 8	28°20'10	6♉26	22°27	12°57	24° 6	26°16	7° 9	23°18	1°29	4°21	21°11	22°16	24° 9	n.a.	S 3
S 4	20 5 4	29°18'39	20° 9	24°22	14°11	24°47	26°29	7°10	23°21	1°31	4°22	21° 9	22°13	24°16	n.a.	S 4
M 5	20 9 1	0♌17'10	3♊39	26°17	15°26	25°28	26°42	7°11	23°25	1°32	4°24	21° 5	22°10	24°22	n.a.	M 5
T 6	20 12 58	1°15'43	16°56	28°11	16°40	26°10	26°55	7°12	23°29	1°33	4°25	20°59	22° 7	24°29	n.a.	T 6
W 7	20 16 54	2°14'19	0♋ 0	0♌ 4	17°55	26°51	27° 8	7°14	23°32	1°35	4°26	20°51	22° 3	24°36	n.a.	W 7
T 8	20 20 51	3°12'57	12°52	1°57	19° 9	27°32	27°21	7°15	23°36	1°36	4°28	20°43	22° 0	24°42	n.a.	T 8
F 9	20 24 47	4°11'37	25°31	3°49	20°24	28°14	27°34	7°17	23°39	1°37	4°29	20°34	21°57	24°49	n.a.	F 9
S 10	20 28 44	5°10'20	7♌57	5°40	21°38	28°55	27°47	7°18	23°43	1°38	4°31	20°27	21°54	24°56	n.a.	S 10
S 11	20 32 40	6° 9'04	20°11	7°30	22°53	29°37	28° 0	7°20	23°47	1°40	4°32	20°21	21°51	25° 2	n.a.	S 11
M12	20 36 37	7° 7'50	2♍14	9°20	24° 7	0♎19	28°13	7°22	23°50	1°41	4°34	20°17	21°48	25° 9	n.a.	M12
T 13	20 40 33	8° 6'39	14° 8	11° 8	25°22	1° 1	28°26	7°24	23°54	1°42	4°35	20°15	21°44	25°15	n.a.	T 13
W14	20 44 30	9° 5'29	25°57	12°55	26°36	1°43	28°39	7°26	23°58	1°43	4°37	20°D15	21°41	25°22	n.a.	W14
T 15	20 48 27	10° 4'21	7♎43	14°41	27°51	2°25	28°52	7°28	24° 2	1°44	4°38	20°16	21°38	25°29	n.a.	T 15
F 16	20 52 23	11° 3'15	19°31	16°27	29° 5	3° 7	29° 5	7°30	24° 5	1°45	4°40	20°18	21°35	25°35	n.a.	F 16
S 17	20 56 20	12° 2'11	1♏27	18°11	0♍20	3°49	29°18	7°32	24° 9	1°46	4°42	20°19	21°32	25°42	n.a.	S 17
S 18	21 0 16	13° 1'09	13°34	19°54	1°34	4°31	29°31	7°34	24°13	1°47	4°43	20°R20	21°28	25°49	n.a.	S 18
M19	21 4 13	14° 0'09	25°59	21°37	2°49	5°14	29°44	7°37	24°17	1°48	4°45	20°19	21°25	25°55	n.a.	M19
T 20	21 8 9	14°59'11	8♐45	23°18	4° 3	5°56	29°57	7°39	24°20	1°49	4°47	20°17	21°22	26° 2	n.a.	T 20
W21	21 12 6	15°58'15	21°57	24°59	5°18	6°39	0♌10	7°42	24°24	1°50	4°49	20°13	21°19	26° 9	n.a.	W21
T 22	21 16 2	16°57'21	5♑36	26°39	6°32	7°21	0°22	7°45	24°28	1°51	4°50	20° 8	21°16	26°15	n.a.	T 22
F 23	21 19 59	17°56'29	19°41	28°17	7°46	8° 4	0°35	7°47	24°32	1°52	4°52	20° 3	21°13	26°22	n.a.	F 23
S 24	21 23 55	18°55'39	4♒10	29°55	9° 1	8°47	0°48	7°50	24°35	1°52	4°54	19°59	21° 9	26°29	n.a.	S 24
S 25	21 27 52	19°54'51	18°57	1♍32	10°15	9°30	1° 1	7°53	24°39	1°53	4°56	19°55	21° 6	26°35	n.a.	S 25
M26	21 31 49	20°54'05	3♓54	3° 9	11°30	10°13	1°13	7°56	24°43	1°54	4°58	19°53	21° 3	26°42	n.a.	M26
T 27	21 35 45	21°53'21	18°54	4°44	12°44	10°56	1°26	8° 0	24°47	1°55	5° 0	19°D52	21° 0	26°49	n.a.	T 27
W28	21 39 42	22°52'39	3♈47	6°19	13°59	11°39	1°39	8° 3	24°51	1°55	5° 1	19°53	20°57	26°55	n.a.	W28
T 29	21 43 38	23°52'00	18°27	7°52	15°13	12°22	1°51	8° 6	24°54	1°56	5° 3	19°54	20°54	27° 2	n.a.	T 29
F 30	21 47 35	24°51'24	2♉49	9°25	16°27	13° 5	2° 4	8° 9	24°58	1°56	5° 5	19°55	20°50	27° 8	n.a.	F 30
S 31	21 51 31	25♌50'50	16♉52	10♍58	17♍42	13♎49	2♌16	8♏13	25♌ 2	1♊57	5♎ 7	19♍56	20♍47	27♍15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n13	1n59	1s31	24n13	1n42	19n17	1n26	2n51	0s 5	22n14	0n56	12s25	1n48	14n43	0n45	19n37	1s13	12n 0	15n 2	3n33	3n 4	2n35			n.a.
F 2	21 2	6 25	2 40	23 58	1 45	18 56	1 25	2 34	0 6	22 12	0 56	12 26	1 48	14 42	0 45	19 37	1 13	11 59	15 1	3 33	3 6	2 33			n.a.
S 3	20 50	10 27	3 39	23 41	1 47	18 34	1 25	2 17	0 7	22 10	0 56	12 26	1 47	14 41	0 45	19 37	1 13	11 58	15 1	3 33	3 7	2 31			n.a.
S 4	20 38	13 50	4 24	23 22	1 48	18 11	1 24	1 59	0 8	22 7	0 56	12 27	1 47	14 40	0 45	19 37	1 13	11 57	15 0	3 34	3 8	2 29			n.a.
M 5	20 25	16 26	4 54	23 1	1 49	17 49	1 24	1 42	0 9	22 5	0 56	12 27	1 47	14 39	0 45	19 38	1 13	11 56	15 0	3 35	3 10	2 27			n.a.
T 6	20 13	18 6	5 7	22 38	1 49	17 25	1 23	1 24	0 9	22 2	0 56	12 28	1 47	14 37	0 45	19 38	1 13	11 55	14 59	3 38	3 11	2 25			n.a.
W 7	19 59	18 47	5 4	22 14	1 48	17 1	1 23	1 7	0 10	22 0	0 56	12 29	1 46	14 36	0 45	19 38	1 13	11 54	14 59	3 41	3 12	2 23			n.a.
T 8	19 46	18 28	4 45	21 47	1 47	16 37	1 22	0 49	0 11	21 57	0 56	12 29	1 46	14 35	0 45	19 38	1 13	11 53	14 58	3 44	3 13	2 22			n.a.
F 9	19 32	17 15	4 13	21 19	1 45	16 12	1 21	0 32	0 12	21 55	0 56	12 30	1 46	14 34	0 45	19 39	1 13	11 52	14 58	3 48	3 15	2 20			n.a.
S 10	19 17	15 13	3 29	20 49	1 43	15 47	1 20	0 14	0 13	21 52	0 56	12 31	1 46	14 33	0 45	19 39	1 13	11 51	14 57	3 51	3 16	2 18			n.a.
S 11	19 3	12 32	2 36	20 18	1 40	15 21	1 19	0s 3	0 14	21 49	0 56	12 32	1 46	14 31	0 45	19 39	1 13	11 50	14 57	3 53	3 17	2 16			n.a.
M12	18 48	9 21	1 36	19 46	1 37	14 55	1 18	0 21	0 15	21 47	0 56	12 32	1 45	14 30	0 45	19 39	1 13	11 49	14 56	3 55	3 18	2 14			n.a.
T 13	18 32	5 50	0 33	19 13	1 33	14 29	1 17	0 39	0 15	21 44	0 57	12 33	1 45	14 29	0 45	19 39	1 13	11 48	14 56	3 55	3 20	2 12			n.a.
W14	18 17	2 7	0n31	18 38	1 29	14 2	1 16	0 56	0 16	21 42	0 57	12 34	1 45	14 28	0 45	19 40	1 13	11 47	14 56	3 55	3 21	2 10			n.a.
T 15	18 1	1s41	1 34	18 3	1 25	13 35	1 14	1 14	0 17	21 39	0 57	12 35	1 45	14 26	0 45	19 40	1 13	11 46	14 55	3 55	3 22	2 9			n.a.
F 16	17 45	5 24	2 33	17 27	1 21	13 7	1 13	1 32	0 18	21 36	0 57	12 36	1 44	14 25	0 45	19 40	1 13	11 45	14 55	3 54	3 24	2 7			n.a.
S 17	17 28	8 57	3 26	16 50	1 16	12 39	1 12	1 50	0 19	21 34	0 57	12 37	1 44	14 24	0 45	19 40	1 13	11 44	14 54	3 54	3 25	2 5			n.a.
S 18	17 11	12 11	4 11	16 12	1 11	12 11	1 10	2 8	0 20	21 31	0 57	12 38	1 44	14 22	0 45	19 40	1 13	11 43	14 54	3 53	3 26	2 3			n.a.
M19	16 54	14 57	4 45	15 34	1 5	11 43	1 9	2 25	0 20	21 28	0 57	12 39	1 44	14 21	0 45	19 40	1 13	11 42	14 53	3 54	3 27	2 1			n.a.
T 20	16 37	17 5	5 6	14 55	1 0	11 14	1 7	2 43	0 21	21 26	0 57	12 40	1 43	14 20	0 45	19 41	1 13	11 41	14 53	3 55	3 29	1 59			n.a.
W21	16 19	18 23	5 12	14 15	0 54	10 44	1 6	3 1	0 22	21 23	0 57	12 41	1 43	14 19	0 45	19 41	1 13	11 39	14 52	3 56	3 30	1 57			n.a.
T 22	16 1	18 42	5 1	13 35	0 48	10 15	1 4	3 19	0 23	21 20	0 57	12 42	1 43	14 17	0 45	19 41	1 13	11 38	14 52	3 58	3 31	1 55			n.a.
F 23	15 42	17 53	4 32	12 55	0 42	9 45	1 2	3 37	0 24	21 18	0 58	12 43	1 43	14 16	0 45	19 41	1 13	11 37	14 52	4 0	3 32	1 54			n.a.
S 24	15 24	15 54	3 45	12 14	0 35	9 15	1 1	3 55	0 24	21 15	0 58	12 44	1 43	14 15	0 45	19 41	1 13	11 36	14 51	4 2	3 34	1 52			n.a.
S 25	15 5	12 50	2 42	11 33	0 29	8 45	0 59	4 13	0 25	21 12	0 58	12 46	1 42	14 13	0 45	19 41	1 13	11 35	14 51	4 3	3 35	1 50			n.a.
M26	14 46	8 54	1 27	10 52	0 22	8 15	0 57	4 30	0 26	21 10	0 58	12 47	1 42	14 12	0 45	19 41	1 13	11 34	14 50	4 4	3 36	1 48			n.a.
T 27	14 27	4 23	0 5	10 10	0 16	7 44	0 55	4 48	0 27	21 7	0 58	12 48	1 42	14 11	0 45	19 42	1 13	11 33	14 50	4 5	3 38	1 46			n.a.
W28	14 7	0n22	1s16	9 29	0 9	7 13	0 53	5 6	0 27	21 4	0 58	12 49	1 42	14 10	0 45	19 42	1 13	11 32	14 50	4 4	3 39	1 44			n.a.
T 29	13 47	5 1	2 31	8 47	0 2	6 42	0 51	5 24	0 28	21 1	0 58	12 51	1 41	14 8	0 45	19 42	1 13	11 31	14 49	4 4	3 40	1 42			n.a.
F 30	13 27	9 17	3 35	8 5	0s 5	6 11	0 49	5 42	0 29	20 59	0 58	12 52	1 41	14 7	0 45	19 42	1 13	11 29	14 49	4 3	3 41	1 40			n.a.
S 31	13n 7	12n56	4s25	7n23	0s12	5n39	0n47	6s 0	0s30	20n56	0n59	12s53	1n41	14n 6	0n45	19n42	1s13	11n28	14n48	4n 3	3n43	1n39			n.a.

Julian Day Number = 1274569.5, Delta T = 08h13m56s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'40, Lahiri = -20°50'40 Julian Calendar 1 Aug. 1224 BCE == Greg. Calendar 21 July 1224 BCE

The year -1223 astronomical counting style corresponds to year 1224 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1224 BCE
geocentric

SEPTEMBER 1224 BCE (-1223) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 55 28	26♌50'18	0♊34	12♍29	18♍56	14♎32	2♌29	8♏16	25♌ 6	1♊57	5♎ 9	19°R57	20♍44	27♍22	n.a.	S 1
M 2	21 59 24	27°49'49	13°56	14° 0	20°10	15°16	2°41	8°20	25°10	1°58	5°11	19♍56	20°41	27°28	n.a.	M 2
T 3	22 3 21	28°49'23	27° 0	15°30	21°25	15°59	2°54	8°24	25°13	1°58	5°13	19°54	20°38	27°35	n.a.	T 3
W 4	22 7 17	29°48'59	9♋48	16°59	22°39	16°43	3° 6	8°28	25°17	1°59	5°15	19°51	20°34	27°42	n.a.	W 4
T 5	22 11 14	0♍48'37	22°22	18°28	23°54	17°27	3°18	8°32	25°21	1°59	5°18	19°48	20°31	27°48	n.a.	T 5
F 6	22 15 11	1°48'18	4♌43	19°55	25° 8	18°11	3°31	8°36	25°25	2° 0	5°20	19°45	20°28	27°55	n.a.	F 6
S 7	22 19 7	2°48'01	16°53	21°22	26°22	18°55	3°43	8°40	25°29	2° 0	5°22	19°43	20°25	28° 2	n.a.	S 7
S 8	22 23 4	3°47'46	28°55	22°48	27°37	19°38	3°55	8°44	25°32	2° 0	5°24	19°41	20°22	28° 8	n.a.	S 8
M 9	22 27 0	4°47'33	10♍50	24°14	28°51	20°23	4° 7	8°48	25°36	2° 0	5°26	19°40	20°19	28°15	n.a.	M 9
T 10	22 30 57	5°47'22	22°39	25°38	0♎ 5	21° 7	4°19	8°52	25°40	2° 1	5°28	19°D40	20°15	28°22	n.a.	T 10
W11	22 34 53	6°47'13	4♎26	27° 1	1°20	21°51	4°31	8°57	25°44	2° 1	5°30	19°40	20°12	28°28	n.a.	W11
T 12	22 38 50	7°47'07	16°13	28°24	2°34	22°35	4°43	9° 1	25°48	2° 1	5°33	19°41	20° 9	28°35	n.a.	T 12
F 13	22 42 46	8°47'02	28° 3	29°46	3°48	23°19	4°55	9° 5	25°51	2° 1	5°35	19°42	20° 6	28°41	n.a.	F 13
S 14	22 46 43	9°46'59	9♏59	1♎ 6	5° 3	24° 4	5° 7	9°10	25°55	2° 1	5°37	19°43	20° 3	28°48	n.a.	S 14
S 15	22 50 39	10°46'58	22° 6	2°26	6°17	24°48	5°19	9°15	25°59	2° 1	5°39	19°44	19°59	28°55	n.a.	S 15
M16	22 54 36	11°46'59	4♐28	3°44	7°31	25°33	5°30	9°19	26° 2	2°R 1	5°42	19°45	19°56	29° 1	n.a.	M16
T 17	22 58 33	12°47'02	17° 9	5° 1	8°45	26°17	5°42	9°24	26° 6	2° 1	5°44	19°R45	19°53	29° 8	n.a.	T 17
W18	23 2 29	13°47'06	0♑14	6°17	10° 0	27° 2	5°54	9°29	26°10	2° 1	5°46	19°44	19°50	29°15	n.a.	W18
T 19	23 6 26	14°47'12	13°44	7°31	11°14	27°47	6° 5	9°34	26°14	2° 1	5°48	19°44	19°47	29°21	n.a.	T 19
F 20	23 10 22	15°47'20	27°43	8°44	12°28	28°32	6°17	9°39	26°17	2° 1	5°51	19°43	19°44	29°28	n.a.	F 20
S 21	23 14 19	16°47'30	12♒ 8	9°54	13°42	29°16	6°28	9°44	26°21	2° 1	5°53	19°43	19°40	29°35	n.a.	S 21
S 22	23 18 15	17°47'41	26°56	11° 3	14°56	0♏ 1	6°39	9°49	26°24	2° 1	5°55	19°43	19°37	29°41	n.a.	S 22
M23	23 22 12	18°47'54	12♓ 1	12°10	16°10	0°46	6°51	9°54	26°28	2° 0	5°58	19°43	19°34	29°48	n.a.	M23
T 24	23 26 8	19°48'09	27°14	13°14	17°25	1°31	7° 2	9°59	26°32	2° 0	6° 0	19°43	19°31	29°55	n.a.	T 24
W25	23 30 5	20°48'26	12♈25	14°15	18°39	2°16	7°13	10° 5	26°35	2° 0	6° 2	19°43	19°28	0♎ 1	n.a.	W25
T 26	23 34 2	21°48'45	27°25	15°14	19°53	3° 2	7°24	10°10	26°39	2° 0	6° 5	19°43	19°25	0° 8	n.a.	T 26
F 27	23 37 58	22°49'06	12♉ 7	16° 9	21° 7	3°47	7°35	10°16	26°42	1°59	6° 7	19°42	19°21	0°15	n.a.	F 27
S 28	23 41 55	23°49'29	26°25	17° 0	22°21	4°32	7°46	10°21	26°46	1°59	6°10	19°42	19°18	0°21	n.a.	S 28
S 29	23 45 51	24°49'54	10♊17	17°47	23°35	5°17	7°57	10°27	26°49	1°58	6°12	19°42	19°15	0°28	n.a.	S 29
M30	23 49 48	25♍50'22	23♊42	18♎29	24♎49	6♏ 3	8♌ 7	10♏32	26♌53	1♊58	6♎14	19°D41	19♍12	0♎34	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n46	15n45	4s58	6n42	0s19	5n 8	0n45	6s17	0s30	20n53	0n59	12s55	1n41	14n 4	0n45	19n42	1s13	11n27	14n48	4n 3	3n44	1n37		n.a.
M 2	12 26	17 40	5 14	6 0	0 26	4 36	0 42	6 35	0 31	20 50	0 59	12 56	1 41	14 3	0 45	19 42	1 13	11 26	14 48	4 3	3 45	1 35		n.a.
T 3	12 5	18 35	5 13	5 18	0 33	4 4	0 40	6 53	0 32	20 48	0 59	12 57	1 40	14 2	0 45	19 42	1 13	11 25	14 47	4 4	3 46	1 33		n.a.
W 4	11 43	18 32	4 57	4 36	0 40	3 32	0 38	7 11	0 33	20 45	0 59	12 59	1 40	14 0	0 45	19 42	1 14	11 24	14 47	4 5	3 48	1 31		n.a.
T 5	11 22	17 34	4 26	3 55	0 48	3 0	0 35	7 28	0 33	20 42	0 59	13 0	1 40	13 59	0 45	19 42	1 14	11 23	14 47	4 6	3 49	1 29		n.a.
F 6	11 0	15 47	3 44	3 13	0 55	2 28	0 33	7 46	0 34	20 39	0 59	13 2	1 40	13 58	0 45	19 42	1 14	11 22	14 46	4 7	3 50	1 27		n.a.
S 7	10 39	13 18	2 52	2 32	1 2	1 56	0 31	8 4	0 35	20 36	0 59	13 3	1 40	13 57	0 45	19 42	1 14	11 20	14 46	4 8	3 52	1 25		n.a.
S 8	10 17	10 17	1 53	1 51	1 9	1 24	0 28	8 21	0 35	20 34	1 0	13 5	1 39	13 55	0 45	19 42	1 14	11 19	14 46	4 9	3 53	1 23		n.a.
M 9	9 55	6 53	0 49	1 11	1 16	0 51	0 26	8 39	0 36	20 31	1 0	13 6	1 39	13 54	0 45	19 42	1 14	11 18	14 45	4 10	3 54	1 22		n.a.
T 10	9 32	3 13	0n17	0 30	1 23	0 19	0 23	8 56	0 37	20 28	1 0	13 8	1 39	13 53	0 45	19 42	1 14	11 17	14 45	4 10	3 55	1 20		n.a.
W11	9 10	0s33	1 21	0s10	1 29	0s13	0 21	9 14	0 38	20 25	1 0	13 9	1 39	13 51	0 45	19 42	1 14	11 16	14 45	4 9	3 57	1 18		n.a.
T 12	8 47	4 18	2 22	0 49	1 36	0 46	0 18	9 31	0 38	20 22	1 0	13 11	1 39	13 50	0 45	19 42	1 14	11 15	14 45	4 9	3 58	1 16		n.a.
F 13	8 25	7 53	3 18	1 28	1 43	1 18	0 15	9 48	0 39	20 20	1 0	13 13	1 38	13 49	0 45	19 42	1 14	11 14	14 44	4 9	3 59	1 14		n.a.
S 14	8 2	11 11	4 5	2 7	1 49	1 51	0 13	10 6	0 40	20 17	1 1	13 14	1 38	13 48	0 45	19 42	1 14	11 12	14 44	4 8	4 0	1 12		n.a.
S 15	7 39	14 3	4 42	2 44	1 55	2 23	0 10	10 23	0 40	20 14	1 1	13 16	1 38	13 46	0 45	19 42	1 14	11 11	14 44	4 8	4 2	1 10		n.a.
M16	7 16	16 22	5 7	3 22	2 2	2 55	0 7	10 40	0 41	20 11	1 1	13 18	1 38	13 45	0 45	19 42	1 14	11 10	14 43	4 8	4 3	1 8		n.a.
T 17	6 52	17 56	5 18	3 58	2 7	3 27	0 5	10 57	0 41	20 9	1 1	13 19	1 38	13 44	0 45	19 42	1 14	11 9	14 43	4 8	4 4	1 6		n.a.
W18	6 29	18 37	5 13	4 34	2 13	4 0	0 2	11 14	0 42	20 6	1 1	13 21	1 37	13 43	0 45	19 42	1 14	11 8	14 43	4 8	4 5	1 5		n.a.
T 19	6 5	18 18	4 51	5 9	2 19	4 32	0s 1	11 31	0 43	20 3	1 1	13 23	1 37	13 41	0 45	19 42	1 14	11 7	14 43	4 8	4 7	1 3		n.a.
F 20	5 42	16 52	4 11	5 43	2 24	5 4	0 4	11 48	0 43	20 0	1 1	13 25	1 37	13 40	0 45	19 42	1 14	11 6	14 43	4 8	4 8	1 1		n.a.
S 21	5 18	14 20	3 14	6 16	2 29	5 36	0 6	12 5	0 44	19 58	1 2	13 26	1 37	13 39	0 45	19 42	1 14	11 5	14 42	4 8	4 9	0 59		n.a.
S 22	4 54	10 49	2 4	6 47	2 33	6 7	0 9	12 22	0 45	19 55	1 2	13 28	1 37	13 38	0 45	19 42	1 14	11 3	14 42	4 8	4 11	0 57		n.a.
M23	4 30	6 31	0 43	7 18	2 38	6 39	0 12	12 38	0 45	19 52	1 2	13 30	1 37	13 36	0 45	19 42	1 14	11 2	14 42	4 8	4 12	0 55		n.a.
T 24	4 6	1 45	0s42	7 47	2 41	7 10	0 15	12 55	0 46	19 49	1 2	13 32	1 36	13 35	0 45	19 42	1 14	11 1	14 42	4 8	4 13	0 53		n.a.
W25	3 42	3n 6	2 3	8 14	2 45	7 42	0 18	13 11	0 46	19 47	1 2	13 34	1 36	13 34	0 45	19 42	1 14	11 0	14 42	4 8	4 14	0 51		n.a.
T 26	3 18	7 42	3 15	8 40	2 48	8 13	0 21	13 27	0 47	19 44	1 3	13 36	1 36	13 33	0 45	19 42	1 14	10 59	14 41	4 8	4 16	0 49		n.a.
F 27	2 54	11 43	4 12	9 3	2 50	8 44	0 23	13 44	0 47	19 41	1 3	13 37	1 36	13 31	0 45	19 42	1 14	10 58	14 41	4 9	4 17	0 48		n.a.
S 28	2 29	14 56	4 52	9 25	2 51	9 15	0 26	14 0	0 48	19 39	1 3	13 39	1 36	13 30	0 45	19 41	1 14	10 57	14 41	4 9	4 18	0 46		n.a.
S 29	2 5	17 11	5 14	9 44	2 52	9 45	0 29	14 16	0 49	19 36	1 3	13 41	1 36	13 29	0 45	19 41	1 14	10 56	14 41	4 9	4 19	0 44		n.a.
M30	1n41	18n24	5s17	10s 1	2s52	10s16	0s32	14s32	0s49	19n33	1n 3	13s43	1n35	13n28	0n45	19n41	1s14	10n55	14n41	4n 9	4n21	0n42		n.a.

Julian Day Number = 1274600.5, Delta T = 08h13m55s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'36, Lahiri = -20°50'35 Julian Calendar 1 Sept. 1224 BCE == Greg. Calendar 21 Aug. 1224 BCE

The year -1223 astronomical counting style corresponds to year 1224 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1224 BCE
geocentric

OCTOBER 1224 BCE (-1223) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 53 44	26♍50'51	6♋44	19♎ 6	26♎ 3	6♏48	8♑18	10♏38	26♑56	1°R58	6♎17	19♍41	19♍ 9	0♎41	n.a.	T 1
W 2	23 57 41	27°51'23	19°24	19°38	27°17	7°34	8°28	10°43	27° 0	1♊57	6°19	19°42	19° 5	0°48	n.a.	W 2
T 3	0 1 37	28°51'57	1♑47	20° 2	28°31	8°19	8°39	10°49	27° 3	1°56	6°22	19°43	19° 2	0°54	n.a.	T 3
F 4	0 5 34	29°52'32	13°57	20°20	29°45	9° 5	8°49	10°55	27° 6	1°56	6°24	19°44	18°59	1° 1	n.a.	F 4
S 5	0 9 30	0♎53'09	25°56	20°29	0♏59	9°50	9° 0	11° 1	27°10	1°55	6°26	19°45	18°56	1° 8	n.a.	S 5
S 6	0 13 27	1°53'48	7♍49	20°R30	2°13	10°36	9°10	11° 7	27°13	1°55	6°29	19°46	18°53	1°14	n.a.	S 6
M 7	0 17 24	2°54'29	19°37	20°22	3°27	11°22	9°20	11°13	27°16	1°54	6°31	19°R46	18°50	1°21	n.a.	M 7
T 8	0 21 20	3°55'12	1♎24	20° 3	4°41	12° 8	9°30	11°19	27°20	1°53	6°34	19°46	18°46	1°28	n.a.	T 8
W 9	0 25 17	4°55'56	13°12	19°35	5°55	12°54	9°40	11°25	27°23	1°52	6°36	19°44	18°43	1°34	n.a.	W 9
T 10	0 29 13	5°56'41	25° 3	18°56	7° 8	13°40	9°49	11°31	27°26	1°52	6°38	19°42	18°40	1°41	n.a.	T 10
F 11	0 33 10	6°57'29	6♏58	18° 7	8°22	14°26	9°59	11°37	27°29	1°51	6°41	19°40	18°37	1°48	n.a.	F 11
S 12	0 37 6	7°58'17	19° 1	17° 8	9°36	15°12	10° 9	11°43	27°32	1°50	6°43	19°37	18°34	1°54	n.a.	S 12
S 13	0 41 3	8°59'07	1♐13	16° 1	10°50	15°58	10°18	11°49	27°35	1°49	6°46	19°34	18°30	2° 1	n.a.	S 13
M14	0 44 59	9°59'58	13°38	14°46	12° 4	16°44	10°28	11°56	27°38	1°48	6°48	19°31	18°27	2° 8	n.a.	M14
T 15	0 48 56	11° 0'50	26°18	13°27	13°17	17°30	10°37	12° 2	27°42	1°47	6°51	19°29	18°24	2°14	n.a.	T 15
W16	0 52 53	12° 1'43	9♑17	12° 5	14°31	18°16	10°46	12° 8	27°45	1°46	6°53	19°D29	18°21	2°21	n.a.	W16
T 17	0 56 49	13° 2'38	22°37	10°44	15°45	19° 2	10°55	12°15	27°47	1°45	6°56	19°29	18°18	2°28	n.a.	T 17
F 18	1 0 46	14° 3'33	6♒22	9°26	16°59	19°49	11° 4	12°21	27°50	1°44	6°58	19°30	18°15	2°34	n.a.	F 18
S 19	1 4 42	15° 4'29	20°31	8°13	18°12	20°35	11°13	12°28	27°53	1°43	7° 0	19°32	18°11	2°41	n.a.	S 19
S 20	1 8 39	16° 5'27	5♓ 5	7° 8	19°26	21°21	11°21	12°34	27°56	1°42	7° 3	19°33	18° 8	2°47	n.a.	S 20
M21	1 12 35	17° 6'25	19°59	6°12	20°39	22° 8	11°30	12°41	27°59	1°41	7° 5	19°R33	18° 5	2°54	n.a.	M21
T 22	1 16 32	18° 7'24	5♈ 7	5°27	21°53	22°54	11°38	12°47	28° 2	1°40	7° 8	19°33	18° 2	3° 1	n.a.	T 22
W23	1 20 28	19° 8'24	20°20	4°54	23° 6	23°41	11°47	12°54	28° 5	1°39	7°10	19°30	17°59	3° 7	n.a.	W23
T 24	1 24 25	20° 9'26	5♉29	4°32	24°20	24°27	11°55	13° 0	28° 7	1°38	7°12	19°27	17°56	3°14	n.a.	T 24
F 25	1 28 22	21°10'28	20°23	4°D22	25°33	25°14	12° 3	13° 7	28°10	1°37	7°15	19°22	17°52	3°21	n.a.	F 25
S 26	1 32 18	22°11'32	4♊55	4°22	26°47	26° 0	12°11	13°14	28°13	1°35	7°17	19°17	17°49	3°27	n.a.	S 26
S 27	1 36 15	23°12'37	19° 0	4°33	28° 0	26°47	12°19	13°20	28°15	1°34	7°19	19°12	17°46	3°34	n.a.	S 27
M28	1 40 11	24°13'44	2♋35	4°53	29°13	27°34	12°26	13°27	28°18	1°33	7°22	19° 9	17°43	3°41	n.a.	M28
T 29	1 44 8	25°14'51	15°42	5°21	0♐27	28°20	12°34	13°34	28°20	1°32	7°24	19° 7	17°40	3°47	n.a.	T 29
W30	1 48 4	26°16'00	28°24	5°57	1°40	29° 7	12°41	13°41	28°23	1°30	7°26	19°D 6	17°36	3°54	n.a.	W30
T 31	1 52 1	27♎17'10	10♑46	6♎40	2♐53	29♏54	12♑49	13♏48	28♑25	1♊29	7♎29	19♍ 7	17♍33	4♎ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n16	18n36	5s 4	10s14	2s51	10s46	0s35	14s48	0s50	19n31	1n 3	13s45	1n35	13n27	0n45	19n41	1s14	10n54	14n41	4n 9	4n22	0n40		n.a.
W 2	0 52	17 51	4 37	10 25	2 50	11 15	0 38	15 3	0 50	19 28	1 4	13 47	1 35	13 25	0 45	19 41	1 14	10 53	14 40	4 9	4 23	0 38		n.a.
T 3	0 28	16 15	3 56	10 31	2 47	11 45	0 40	15 19	0 51	19 26	1 4	13 49	1 35	13 24	0 45	19 41	1 14	10 52	14 40	4 8	4 24	0 36		n.a.
F 4	0 3	13 57	3 6	10 34	2 43	12 14	0 43	15 34	0 51	19 23	1 4	13 51	1 35	13 23	0 45	19 41	1 14	10 50	14 40	4 8	4 26	0 34		n.a.
S 5	0s21	11 4	2 9	10 33	2 37	12 43	0 46	15 49	0 52	19 20	1 4	13 53	1 35	13 22	0 45	19 40	1 14	10 49	14 40	4 8	4 27	0 32		n.a.
S 6	0 46	7 46	1 6	10 27	2 30	13 12	0 49	16 5	0 52	19 18	1 4	13 55	1 35	13 21	0 45	19 40	1 14	10 48	14 40	4 7	4 28	0 31		n.a.
M 7	1 10	4 10	0 1	10 16	2 22	13 41	0 52	16 20	0 53	19 15	1 5	13 57	1 34	13 20	0 45	19 40	1 15	10 47	14 40	4 7	4 30	0 29		n.a.
T 8	1 35	0 25	1n 4	9 59	2 12	14 9	0 54	16 34	0 53	19 13	1 5	13 59	1 34	13 19	0 45	19 40	1 15	10 46	14 40	4 7	4 31	0 27		n.a.
W 9	1 59	3s22	2 6	9 38	2 0	14 36	0 57	16 49	0 54	19 10	1 5	14 1	1 34	13 18	0 45	19 40	1 15	10 45	14 40	4 8	4 32	0 25		n.a.
T 10	2 24	7 1	3 3	9 10	1 46	15 4	1 0	17 4	0 54	19 8	1 5	14 3	1 34	13 16	0 45	19 40	1 15	10 44	14 40	4 8	4 33	0 23		n.a.
F 11	2 48	10 25	3 53	8 37	1 31	15 31	1 2	17 18	0 55	19 5	1 6	14 5	1 34	13 15	0 45	19 39	1 15	10 43	14 40	4 10	4 35	0 21		n.a.
S 12	3 13	13 24	4 32	7 58	1 14	15 57	1 5	17 33	0 55	19 3	1 6	14 7	1 34	13 14	0 45	19 39	1 15	10 42	14 40	4 11	4 36	0 19		n.a.
S 13	3 37	15 51	5 0	7 15	0 55	16 23	1 8	17 47	0 56	19 1	1 6	14 9	1 34	13 13	0 45	19 39	1 15	10 41	14 40	4 12	4 37	0 17		n.a.
M14	4 1	17 37	5 14	6 28	0 36	16 49	1 10	18 1	0 56	18 58	1 6	14 11	1 33	13 12	0 46	19 39	1 15	10 40	14 40	4 13	4 38	0 15		n.a.
T 15	4 26	18 34	5 13	5 38	0 15	17 15	1 13	18 14	0 57	18 56	1 6	14 13	1 33	13 11	0 46	19 39	1 15	10 39	14 40	4 14	4 40	0 13		n.a.
W16	4 50	18 34	4 57	4 46	0n 5	17 40	1 15	18 28	0 57	18 53	1 7	14 15	1 33	13 10	0 46	19 38	1 15	10 38	14 40	4 14	4 41	0 12		n.a.
T 17	5 14	17 33	4 25	3 55	0 26	18 4	1 18	18 41	0 57	18 51	1 7	14 18	1 33	13 9	0 46	19 38	1 15	10 37	14 40	4 14	4 42	0 10		n.a.
F 18	5 38	15 30	3 36	3 6	0 46	18 28	1 20	18 55	0 58	18 49	1 7	14 20	1 33	13 8	0 46	19 38	1 15	10 36	14 40	4 13	4 43	0 8		n.a.
S 19	6 2	12 28	2 33	2 19	1 5	18 51	1 23	19 8	0 58	18 47	1 7	14 22	1 33	13 7	0 46	19 38	1 15	10 35	14 40	4 13	4 45	0 6		n.a.
S 20	6 26	8 35	1 19	1 37	1 22	19 14	1 25	19 21	0 59	18 44	1 8	14 24	1 33	13 6	0 46	19 38	1 15	10 34	14 40	4 12	4 46	0 4		n.a.
M21	6 50	4 4	0s 2	1 1	1 38	19 37	1 27	19 33	0 59	18 42	1 8	14 26	1 33	13 5	0 46	19 37	1 15	10 34	14 40	4 12	4 47	0 2		n.a.
T 22	7 13	0n46	1 25	0 30	1 51	19 59	1 30	19 46	1 0	18 40	1 8	14 28	1 32	13 4	0 46	19 37	1 15	10 33	14 40	4 12	4 48	0 0		n.a.
W23	7 37	5 35	2 41	0 6	2 3	20 20	1 32	19 58	1 0	18 38	1 8	14 30	1 32	13 3	0 46	19 37	1 15	10 32	14 40	4 13	4 50	0s 2		n.a.
T 24	8 0	10 1	3 46	0n12	2 13	20 41	1 34	20 10	1 0	18 36	1 9	14 32	1 32	13 2	0 46	19 37	1 15	10 31	14 40	4 15	4 51	0 4		n.a.
F 25	8 24	13 44	4 34	0 23	2 20	21 2	1 36	20 22	1 1	18 34	1 9	14 34	1 32	13 1	0 46	19 36	1 15	10 30	14 40	4 17	4 52	0 6		n.a.
S 26	8 47	16 30	5 3	0 28	2 26	21 21	1 38	20 34	1 1	18 32	1 9	14 37	1 32	13 1	0 46	19 36	1 15	10 29	14 40	4 19	4 53	0 7		n.a.
S 27	9 10	18 11	5 13	0 28	2 31	21 40	1 40	20 45	1 1	18 30	1 9	14 39	1 32	13 0	0 46	19 36	1 15	10 28	14 40	4 20	4 55	0 9		n.a.
M28	9 33	18 45	5 4	0 22	2 33	21 59	1 42	20 57	1 2	18 28	1 10	14 41	1 32	12 59	0 46	19 35	1 15	10 27	14 40	4 22	4 56	0 11		n.a.
T 29	9 56	18 16	4 40	0 12	2 35	22 17	1 44	21 8	1 2	18 26	1 10	14 43	1 32	12 58	0 46	19 35	1 15	10 27	14 40	4 23	4 57	0 13		n.a.
W30	10 18	16 52	4 2	0s 3	2 35	22 34	1 46	21 19	1 2	18 24	1 10	14 45	1 32	12 57	0 46	19 35	1 15	10 26	14 40	4 23	4 59	0 15		n.a.
T 31	10s41	14n43	3s14	0s21	2n34	22s51	1s48	21s29	1s 3	18n22	1n10	14s47	1n31	12n56	0n46	19n35	1s15	10n25	14n40	4n23	5n 0	0s17		n.a.

Julian Day Number = 1274630.5, Delta T = 08h13m53s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'32, Lahiri = -20°50'31 Julian Calendar 1 Oct. 1224 BCE == Greg. Calendar 20 Sept. 1224 BCE

The year -1223 astronomical counting style corresponds to year 1224 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1224 BCE
geocentric

NOVEMBER 1224 BCE (-1223) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 55 57	28♎18'20	22♌51	7♎30	4♐ 6	0♐41	12♌56	13♏54	28♌27	1°R28	7♎31	19♍ 9	17♍30	4♎ 7	n.a.	F 1
S 2	1 59 54	29°19'32	4♍45	8°24	5°20	1°27	13° 3	14° 1	28°30	1♊26	7°33	19°10	17°27	4°14	n.a.	S 2
S 3	2 3 51	0♏20'45	16°33	9°23	6°33	2°14	13°10	14° 8	28°32	1°25	7°36	19°R11	17°24	4°21	n.a.	S 3
M 4	2 7 47	1°21'59	28°19	10°26	7°46	3° 1	13°16	14°15	28°34	1°23	7°38	19°11	17°21	4°27	n.a.	M 4
T 5	2 11 44	2°23'13	10♎ 6	11°33	8°59	3°48	13°23	14°22	28°37	1°22	7°40	19° 8	17°17	4°34	n.a.	T 5
W 6	2 15 40	3°24'28	21°58	12°43	10°12	4°35	13°29	14°29	28°39	1°21	7°43	19° 4	17°14	4°41	n.a.	W 6
T 7	2 19 37	4°25'44	3♏56	13°55	11°25	5°22	13°35	14°36	28°41	1°19	7°45	18°57	17°11	4°47	n.a.	T 7
F 8	2 23 33	5°27'00	16° 3	15°10	12°38	6° 9	13°42	14°43	28°43	1°18	7°47	18°48	17° 8	4°54	n.a.	F 8
S 9	2 27 30	6°28'17	28°18	16°27	13°51	6°56	13°47	14°50	28°45	1°16	7°49	18°39	17° 5	5° 0	n.a.	S 9
S 10	2 31 26	7°29'35	10♐43	17°45	15° 3	7°43	13°53	14°57	28°47	1°15	7°51	18°29	17° 1	5° 7	n.a.	S 10
M11	2 35 23	8°30'52	23°19	19° 6	16°16	8°30	13°59	15° 4	28°49	1°13	7°54	18°21	16°58	5°14	n.a.	M11
T 12	2 39 20	9°32'10	6♑ 8	20°27	17°29	9°17	14° 4	15°11	28°51	1°12	7°56	18°14	16°55	5°20	n.a.	T 12
W13	2 43 16	10°33'28	19°10	21°50	18°42	10° 4	14°10	15°18	28°52	1°10	7°58	18° 9	16°52	5°27	n.a.	W13
T 14	2 47 13	11°34'46	2♒28	23°14	19°54	10°51	14°15	15°25	28°54	1° 8	8° 0	18° 7	16°49	5°34	n.a.	T 14
F 15	2 51 9	12°36'03	16° 3	24°39	21° 7	11°38	14°20	15°32	28°56	1° 7	8° 2	18°D 7	16°46	5°40	n.a.	F 15
S 16	2 55 6	13°37'21	29°57	26° 4	22°19	12°25	14°25	15°39	28°57	1° 5	8° 4	18° 7	16°42	5°47	n.a.	S 16
S 17	2 59 2	14°38'38	14♓11	27°30	23°32	13°13	14°29	15°46	28°59	1° 4	8° 6	18°R 8	16°39	5°54	n.a.	S 17
M18	3 2 59	15°39'56	28°43	28°57	24°44	14° 0	14°34	15°53	29° 1	1° 2	8° 8	18° 8	16°36	6° 0	n.a.	M18
T 19	3 6 56	16°41'13	13♈30	0♏25	25°56	14°47	14°38	16° 0	29° 2	1° 0	8°10	18° 5	16°33	6° 7	n.a.	T 19
W20	3 10 52	17°42'30	28°26	1°53	27° 8	15°34	14°42	16° 7	29° 4	0°59	8°12	18° 0	16°30	6°14	n.a.	W20
T 21	3 14 49	18°43'47	13♉24	3°22	28°21	16°21	14°46	16°14	29° 5	0°57	8°14	17°52	16°27	6°20	n.a.	T 21
F 22	3 18 45	19°45'04	28°13	4°51	29°33	17° 8	14°50	16°21	29° 6	0°55	8°16	17°43	16°23	6°27	n.a.	F 22
S 23	3 22 42	20°46'21	12♊46	6°21	0♑44	17°56	14°53	16°28	29° 8	0°54	8°18	17°32	16°20	6°34	n.a.	S 23
S 24	3 26 38	21°47'38	26°56	7°51	1°56	18°43	14°57	16°35	29° 9	0°52	8°20	17°22	16°17	6°40	n.a.	S 24
M25	3 30 35	22°48'55	10♋38	9°21	3° 8	19°30	15° 0	16°42	29°10	0°50	8°22	17°13	16°14	6°47	n.a.	M25
T 26	3 34 31	23°50'12	23°52	10°52	4°20	20°17	15° 3	16°49	29°11	0°49	8°24	17° 7	16°11	6°54	n.a.	T 26
W27	3 38 28	24°51'29	6♌40	12°23	5°31	21° 5	15° 6	16°56	29°12	0°47	8°26	17° 3	16° 7	7° 0	n.a.	W27
T 28	3 42 25	25°52'46	19° 5	13°55	6°43	21°52	15° 9	17° 3	29°13	0°45	8°28	17° 1	16° 4	7° 7	n.a.	T 28
F 29	3 46 21	26°54'03	1♍12	15°27	7°54	22°39	15°11	17°10	29°14	0°44	8°29	17°D 1	16° 1	7°14	n.a.	F 29
S 30	3 50 18	27♏55'20	13♍ 6	17♏ 0	9♑ 6	23♐26	15♌13	17♏16	29♌15	0♊42	8♎31	17°R 1	15♍58	7♎20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s 3	11n57	2s19	0s42	2n32	23s 7	1s50	21s40	1s 3	18n20	1n11	14s49	1n31	12n55	0n46	19n34	1s15	10n24	14n40	4n22	5n 1	0s19		n.a.
S 2	11 25	8 43	1 18	1 6	2 29	23 22	1 51	21 50	1 3	18 19	1 11	14 52	1 31	12 55	0 46	19 34	1 15	10 23	14 41	4 21	5 2	0 21		n.a.
S 3	11 47	5 10	0 14	1 33	2 26	23 37	1 53	22 0	1 4	18 17	1 11	14 54	1 31	12 54	0 46	19 34	1 15	10 22	14 41	4 21	5 4	0 23		n.a.
M 4	12 9	1 26	0n49	2 2	2 22	23 51	1 55	22 9	1 4	18 15	1 11	14 56	1 31	12 53	0 46	19 33	1 15	10 22	14 41	4 21	5 5	0 25		n.a.
T 5	12 30	2s22	1 51	2 33	2 17	24 4	1 56	22 19	1 4	18 14	1 12	14 58	1 31	12 52	0 46	19 33	1 15	10 21	14 41	4 22	5 6	0 26		n.a.
W 6	12 51	6 6	2 48	3 5	2 12	24 17	1 57	22 28	1 5	18 12	1 12	15 0	1 31	12 52	0 46	19 33	1 15	10 20	14 41	4 24	5 7	0 28		n.a.
T 7	13 12	9 37	3 38	3 39	2 6	24 29	1 59	22 37	1 5	18 10	1 12	15 2	1 31	12 51	0 46	19 32	1 15	10 19	14 41	4 27	5 9	0 30		n.a.
F 8	13 33	12 47	4 19	4 13	2 1	24 40	2 0	22 46	1 5	18 9	1 13	15 4	1 31	12 50	0 46	19 32	1 15	10 19	14 41	4 30	5 10	0 32		n.a.
S 9	13 54	15 26	4 48	4 49	1 54	24 51	2 1	22 54	1 5	18 7	1 13	15 7	1 31	12 50	0 46	19 32	1 15	10 18	14 42	4 34	5 11	0 34		n.a.
S 10	14 14	17 24	5 4	5 25	1 48	25 0	2 2	23 2	1 6	18 6	1 13	15 9	1 31	12 49	0 46	19 32	1 15	10 17	14 42	4 38	5 12	0 36		n.a.
M11	14 35	18 34	5 6	6 2	1 41	25 9	2 3	23 10	1 6	18 5	1 13	15 11	1 31	12 48	0 47	19 31	1 15	10 17	14 42	4 41	5 14	0 38		n.a.
T 12	14 54	18 49	4 52	6 40	1 35	25 18	2 4	23 18	1 6	18 3	1 14	15 13	1 30	12 48	0 47	19 31	1 15	10 16	14 42	4 44	5 15	0 40		n.a.
W13	15 14	18 5	4 24	7 18	1 28	25 25	2 5	23 25	1 6	18 2	1 14	15 15	1 30	12 47	0 47	19 31	1 15	10 15	14 42	4 46	5 16	0 42		n.a.
T 14	15 33	16 22	3 40	7 56	1 21	25 32	2 6	23 33	1 7	18 1	1 14	15 17	1 30	12 47	0 47	19 30	1 15	10 15	14 43	4 46	5 17	0 44		n.a.
F 15	15 53	13 41	2 44	8 34	1 14	25 38	2 6	23 39	1 7	17 59	1 15	15 19	1 30	12 46	0 47	19 30	1 15	10 14	14 43	4 47	5 19	0 46		n.a.
S 16	16 11	10 11	1 36	9 12	1 6	25 43	2 7	23 46	1 7	17 58	1 15	15 22	1 30	12 45	0 47	19 30	1 15	10 13	14 43	4 46	5 20	0 47		n.a.
S 17	16 30	6 0	0 21	9 50	0 59	25 48	2 7	23 52	1 7	17 57	1 15	15 24	1 30	12 45	0 47	19 29	1 15	10 13	14 43	4 46	5 21	0 49		n.a.
M18	16 48	1 23	0s56	10 29	0 52	25 52	2 8	23 58	1 7	17 56	1 15	15 26	1 30	12 44	0 47	19 29	1 15	10 12	14 44	4 46	5 22	0 51		n.a.
T 19	17 6	3n24	2 12	11 7	0 45	25 54	2 8	24 4	1 8	17 55	1 16	15 28	1 30	12 44	0 47	19 29	1 15	10 12	14 44	4 47	5 24	0 53		n.a.
W20	17 24	8 1	3 18	11 45	0 37	25 57	2 8	24 10	1 8	17 54	1 16	15 30	1 30	12 43	0 47	19 28	1 15	10 11	14 44	4 49	5 25	0 55		n.a.
T 21	17 41	12 8	4 11	12 22	0 30	25 58	2 8	24 15	1 8	17 53	1 16	15 32	1 30	12 43	0 47	19 28	1 15	10 11	14 44	4 52	5 26	0 57		n.a.
F 22	17 58	15 26	4 47	13 0	0 23	25 59	2 8	24 20	1 8	17 52	1 17	15 34	1 30	12 43	0 47	19 28	1 15	10 10	14 45	4 56	5 27	0 59		n.a.
S 23	18 15	17 42	5 3	13 37	0 16	25 58	2 8	24 25	1 8	17 52	1 17	15 36	1 30	12 42	0 47	19 27	1 15	10 10	14 45	5 0	5 29	1 1		n.a.
S 24	18 31	18 48	5 0	14 13	0 9	25 58	2 8	24 29	1 8	17 51	1 17	15 38	1 30	12 42	0 47	19 27	1 15	10 9	14 45	5 4	5 30	1 3		n.a.
M25	18 47	18 46	4 39	14 49	0 2	25 56	2 8	24 33	1 8	17 50	1 18	15 40	1 30	12 41	0 47	19 26	1 15	10 9	14 45	5 8	5 31	1 5		n.a.
T 26	19 3	17 41	4 4	15 25	0s 5	25 53	2 8	24 37	1 9	17 50	1 18	15 42	1 30	12 41	0 47	19 26	1 15	10 8	14 46	5 10	5 32	1 7		n.a.
W27	19 18	15 44	3 18	16 0	0 12	25 50	2 7	24 40	1 9	17 49	1 18	15 44	1 30	12 41	0 47	19 26	1 15	10 8	14 46	5 12	5 34	1 8		n.a.
T 28	19 33	13 5	2 23	16 35	0 19	25 46	2 6	24 44	1 9	17 49	1 18	15 46	1 30	12 40	0 47	19 25	1 15	10 7	14 46	5 13	5 35	1 10		n.a.
F 29	19 47	9 56	1 23	17 9	0 25	25 41	2 6	24 47	1 9	17 48	1 19	15 48	1 30	12 40	0 47	19 25	1 15	10 7	14 47	5 13	5 36	1 12		n.a.
S 30	20s 2	6n26	0s21	17s42	0s32	25s36	2s 5	24s49	1s 9	17n48	1n19	15s50	1n30	12n40	0n47	19n25	1s15	10n 6	14n47	5n12	5n37	1s14		n.a.

Julian Day Number = 1274661.5, Delta T = 08h13m51s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'28, Lahiri = -20°50'27 Julian Calendar 1 Nov. 1224 BCE == Greg. Calendar 21 Oct. 1224 BCE

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ASTRODIENST EPHEMERIS for the year 1224 BCE
geocentric

DECEMBER 1224 BCE (-1223) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 54 14	28♏56'36	24♍54	18♏32	10♉17	24♐14	15♌16	17♏23	29♌16	0°R40	8♎33	17°R 1	15♍55	7♎27	n.a.	S 1
M 2	3 58 11	29°57'53	6♎40	20° 6	11°28	25° 1	15°18	17°30	29°17	0♊39	8°35	16♍59	15°52	7°34	n.a.	M 2
T 3	4 2 7	0♐59'09	18°30	21°40	12°39	25°48	15°19	17°37	29°17	0°37	8°36	16°55	15°48	7°40	n.a.	T 3
W 4	4 6 4	2° 0'25	0♏26	23°14	13°50	26°36	15°21	17°44	29°18	0°35	8°38	16°48	15°45	7°47	n.a.	W 4
T 5	4 10 1	3° 1'40	12°33	24°48	15° 1	27°23	15°22	17°51	29°19	0°33	8°40	16°37	15°42	7°54	n.a.	T 5
F 6	4 13 57	4° 2'55	24°51	26°23	16°12	28°10	15°24	17°58	29°19	0°32	8°41	16°25	15°39	8° 0	n.a.	F 6
S 7	4 17 54	5° 4'10	7♐22	27°59	17°23	28°57	15°25	18° 5	29°20	0°30	8°43	16°11	15°36	8° 7	n.a.	S 7
S 8	4 21 50	6° 5'24	20° 6	29°35	18°33	29°45	15°25	18°11	29°20	0°28	8°44	15°57	15°33	8°13	n.a.	S 8
M 9	4 25 47	7° 6'37	3♑ 3	1♐12	19°44	0♑32	15°26	18°18	29°20	0°27	8°46	15°44	15°29	8°20	n.a.	M 9
T 10	4 29 43	8° 7'49	16°10	2°49	20°54	1°19	15°26	18°25	29°21	0°25	8°47	15°33	15°26	8°27	n.a.	T 10
W11	4 33 40	9° 9'00	29°28	4°26	22° 4	2° 7	15°27	18°32	29°21	0°23	8°49	15°25	15°23	8°33	n.a.	W11
T 12	4 37 36	10°10'10	12♒56	6° 4	23°14	2°54	15°R27	18°38	29°21	0°22	8°50	15°21	15°20	8°40	n.a.	T 12
F 13	4 41 33	11°11'19	26°35	7°43	24°24	3°41	15°26	18°45	29°21	0°20	8°52	15°19	15°17	8°47	n.a.	F 13
S 14	4 45 30	12°12'27	10♓25	9°22	25°34	4°28	15°26	18°52	29°22	0°18	8°53	15°18	15°13	8°53	n.a.	S 14
S 15	4 49 26	13°13'33	24°27	11° 2	26°43	5°16	15°26	18°58	29°R22	0°17	8°54	15°18	15°10	9° 0	n.a.	S 15
M16	4 53 23	14°14'38	8♈40	12°43	27°53	6° 3	15°25	19° 5	29°22	0°15	8°56	15°17	15° 7	9° 7	n.a.	M16
T 17	4 57 19	15°15'42	23° 3	14°24	29° 2	6°50	15°24	19°11	29°22	0°13	8°57	15°13	15° 4	9°13	n.a.	T 17
W18	5 1 16	16°16'44	7♉33	16° 5	0♒11	7°37	15°23	19°18	29°21	0°12	8°58	15° 7	15° 1	9°20	n.a.	W18
T 19	5 5 12	17°17'46	22° 5	17°48	1°20	8°24	15°22	19°24	29°21	0°10	8°59	14°58	14°58	9°27	n.a.	T 19
F 20	5 9 9	18°18'46	6♊32	19°31	2°29	9°12	15°20	19°31	29°21	0° 9	9° 1	14°47	14°54	9°33	n.a.	F 20
S 21	5 13 6	19°19'45	20°48	21°14	3°37	9°59	15°18	19°37	29°21	0° 7	9° 2	14°34	14°51	9°40	n.a.	S 21
S 22	5 17 2	20°20'42	4♋47	22°58	4°46	10°46	15°16	19°44	29°20	0° 5	9° 3	14°21	14°48	9°47	n.a.	S 22
M23	5 20 59	21°21'39	18°24	24°43	5°54	11°33	15°14	19°50	29°20	0° 4	9° 4	14°11	14°45	9°53	n.a.	M23
T 24	5 24 55	22°22'34	1♌37	26°29	7° 2	12°20	15°12	19°56	29°20	0° 2	9° 5	14° 2	14°42	10° 0	n.a.	T 24
W25	5 28 52	23°23'28	14°26	28°14	8°10	13° 7	15°10	20° 3	29°19	0° 1	9° 6	13°56	14°39	10° 7	n.a.	W25
T 26	5 32 48	24°24'21	26°53	0♑ 1	9°17	13°54	15° 7	20° 9	29°18	29♉59	9° 7	13°53	14°35	10°13	n.a.	T 26
F 27	5 36 45	25°25'13	9♍ 3	1°48	10°25	14°41	15° 4	20°15	29°18	29°58	9° 8	13°D52	14°32	10°20	n.a.	F 27
S 28	5 40 41	26°26'04	21° 0	3°35	11°32	15°28	15° 1	20°21	29°17	29°56	9° 9	13°R52	14°29	10°27	n.a.	S 28
S 29	5 44 38	27°26'54	2♎50	5°23	12°39	16°15	14°58	20°27	29°16	29°55	9°10	13°52	14°26	10°33	n.a.	S 29
M30	5 48 35	28°27'42	14°38	7°10	13°46	17° 2	14°55	20°33	29°16	29°53	9°11	13°51	14°23	10°40	n.a.	M30
T 31	5 52 31	29♐28'29	26♎30	8♑58	14♒52	17♑49	14♌51	20♏39	29♌15	29♉52	9♎12	13♍47	14♍19	10♎47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s15	2n42	0n42	18s14	0s38	25s30	2s 4	24s52	1s 9	17n47	1n19	15s52	1n30	12n40	0n47	19n24	1s15	10n 6	14n47	5n13	5n39	1s16			n.a.
M 2	20 29	1s 8	1 43	18 46	0 44	25 23	2 3	24 54	1 9	17 47	1 20	15 54	1 30	12 39	0 47	19 24	1 15	10 6	14 48	5 13	5 40	1 18			n.a.
T 3	20 42	4 55	2 39	19 17	0 50	25 15	2 2	24 55	1 9	17 47	1 20	15 56	1 29	12 39	0 47	19 24	1 15	10 5	14 48	5 15	5 41	1 20			n.a.
W 4	20 54	8 34	3 29	19 48	0 56	25 6	2 1	24 57	1 9	17 47	1 20	15 58	1 29	12 39	0 48	19 23	1 15	10 5	14 48	5 18	5 42	1 22			n.a.
T 5	21 7	11 54	4 10	20 17	1 2	24 57	1 59	24 58	1 9	17 47	1 21	16 0	1 29	12 39	0 48	19 23	1 15	10 5	14 49	5 22	5 44	1 24			n.a.
F 6	21 18	14 46	4 40	20 46	1 7	24 47	1 58	24 59	1 9	17 46	1 21	16 2	1 29	12 39	0 48	19 23	1 15	10 4	14 49	5 27	5 45	1 26			n.a.
S 7	21 30	17 1	4 57	21 13	1 13	24 37	1 57	24 59	1 9	17 46	1 21	16 4	1 29	12 38	0 48	19 22	1 15	10 4	14 49	5 32	5 46	1 28			n.a.
S 8	21 41	18 29	5 0	21 40	1 18	24 25	1 55	25 0	1 9	17 47	1 22	16 6	1 29	12 38	0 48	19 22	1 15	10 4	14 50	5 38	5 47	1 30			n.a.
M 9	21 51	19 1	4 47	22 5	1 23	24 14	1 53	25 0	1 10	17 47	1 22	16 8	1 29	12 38	0 48	19 22	1 15	10 3	14 50	5 43	5 49	1 31			n.a.
T 10	22 2	18 33	4 19	22 30	1 27	24 1	1 51	24 59	1 10	17 47	1 22	16 10	1 29	12 38	0 48	19 21	1 15	10 3	14 50	5 47	5 50	1 33			n.a.
W11	22 11	17 4	3 37	22 53	1 32	23 48	1 49	24 59	1 10	17 47	1 23	16 12	1 29	12 38	0 48	19 21	1 15	10 3	14 51	5 50	5 51	1 35			n.a.
T 12	22 21	14 37	2 42	23 15	1 36	23 34	1 47	24 58	1 10	17 47	1 23	16 14	1 29	12 38	0 48	19 21	1 15	10 3	14 51	5 52	5 52	1 37			n.a.
F 13	22 29	11 20	1 37	23 36	1 40	23 19	1 45	24 57	1 10	17 48	1 23	16 16	1 29	12 38	0 48	19 20	1 15	10 3	14 52	5 53	5 54	1 39			n.a.
S 14	22 38	7 23	0 26	23 56	1 43	23 4	1 43	24 55	1 10	17 48	1 24	16 17	1 29	12 38	0 48	19 20	1 15	10 2	14 52	5 53	5 55	1 41			n.a.
S 15	22 46	2 59	0s48	24 14	1 47	22 48	1 40	24 53	1 10	17 49	1 24	16 19	1 29	12 38	0 48	19 20	1 15	10 2	14 52	5 53	5 56	1 43			n.a.
M16	22 53	1n39	2 0	24 31	1 50	22 32	1 38	24 51	1 9	17 49	1 24	16 21	1 29	12 38	0 48	19 19	1 15	10 2	14 53	5 54	5 57	1 45			n.a.
T 17	23 0	6 14	3 5	24 46	1 52	22 15	1 35	24 49	1 9	17 50	1 24	16 23	1 29	12 38	0 48	19 19	1 15	10 2	14 53	5 55	5 59	1 47			n.a.
W18	23 7	10 30	3 59	25 0	1 55	21 57	1 32	24 46	1 9	17 50	1 25	16 25	1 29	12 38	0 48	19 19	1 15	10 2	14 54	5 57	6 0	1 49			n.a.
T 19	23 13	14 8	4 37	25 12	1 57	21 39	1 30	24 43	1 9	17 51	1 25	16 26	1 29	12 38	0 48	19 18	1 15	10 2	14 54	6 1	6 1	1 51			n.a.
F 20	23 19	16 53	4 57	25 23	1 58	21 20	1 27	24 40	1 9	17 52	1 25	16 28	1 29	12 38	0 48	19 18	1 15	10 2	14 54	6 6	6 2	1 53			n.a.
S 21	23 24	18 33	4 59	25 32	2 0	21 1	1 24	24 36	1 9	17 53	1 26	16 30	1 29	12 39	0 48	19 18	1 15	10 2	14 55	6 10	6 4	1 54			n.a.
S 22	23 29	19 3	4 42	25 39	2 0	20 41	1 20	24 32	1 9	17 53	1 26	16 32	1 29	12 39	0 48	19 17	1 15	10 2	14 55	6 15	6 5	1 56			n.a.
M23	23 33	18 26	4 9	25 44	2 1	20 21	1 17	24 28	1 9	17 54	1 26	16 33	1 29	12 39	0 48	19 17	1 15	10 1	14 56	6 20	6 6	1 58			n.a.
T 24	23 37	16 49	3 24	25 48	2 0	20 0	1 14	24 24	1 9	17 55	1 27	16 35	1 29	12 39	0 48	19 17	1 15	10 1	14 56	6 23	6 7	2 0			n.a.
W25	23 40	14 24	2 29	25 49	2 0	19 39	1 10	24 19	1 9	17 56	1 27	16 37	1 29	12 39	0 48	19 16	1 15	10 1	14 56	6 25	6 9	2 2			n.a.
T 26	23 43	11 22	1 29	25 49	1 59	19 18	1 6	24 14	1 9	17 57	1 27	16 38	1 29	12 40	0 48	19 16	1 15	10 1	14 57	6 27	6 10	2 4			n.a.
F 27	23 45	7 55	0 26	25 46	1 57	18 56	1 3	24 9	1 9	17 59	1 28	16 40	1 29	12 40	0 49	19 16	1 15	10 2	14 57	6 27	6 11	2 6			n.a.
S 28	23 47	4 12	0n38	25 42	1 55	18 33	0 59	24 4	1 9	18 0	1 28	16 42	1 29	12 40	0 49	19 16	1 15	10 2	14 58	6 27	6 12	2 8			n.a.
S 29	23 49	0 22	1 39	25 35	1 52	18 10	0 55	23 58	1 8	18 1	1 28	16 43	1 29	12 40	0 49	19 15	1 15	10 2	14 58	6 27	6 14	2 10			n.a.
M30	23 50	3s28	2 36	25 27	1 48	17 47	0 51	23 52	1 8	18 2	1 28	16 45	1 29	12 41	0 49	19 15	1 15	10 2	14 59	6 27	6 15	2 12			n.a.
T 31	23s50	7s12	3n26	25s16	1s44	17s23	0s47	23s45	1s 8	18n 4	1n29	16s47	1n30	12n41	0n49	19n15	1s14	10n 2	14n59	6n29	6n16	2s14			n.a.

Julian Day Number = 1274691.5, Delta T = 08h13m50s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'24, Lahiri = -20°50'23 Julian Calendar 1 Dec. 1224 BCE == Greg. Calendar 20 Nov. 1224 BCE

The year -1223 astronomical counting style corresponds to year 1224 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1223 BCE
geocentric

JANUARY 1223 BCE (-1222) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 56 28	0♉29'15	8♏30	10♉46	15♒58	18♉36	14°R48	20♏45	29°R14	29°R50	9♎12	13°R41	14♍16	10♎53	n.a.	W 1
T 2	6 0 24	1°30'00	20°42	12°34	17° 4	19°23	14♌44	20°51	29♌13	29♉49	9°13	13♍33	14°13	11° 0	n.a.	T 2
F 3	6 4 21	2°30'43	3♐10	14°20	18°10	20°10	14°40	20°57	29°12	29°48	9°14	13°22	14°10	11° 7	n.a.	F 3
S 4	6 8 17	3°31'25	15°55	16° 7	19°16	20°57	14°35	21° 3	29°11	29°46	9°14	13°10	14° 7	11°13	n.a.	S 4
S 5	6 12 14	4°32'06	28°57	17°52	20°21	21°44	14°31	21° 9	29°10	29°45	9°15	12°57	14° 4	11°20	n.a.	S 5
M 6	6 16 10	5°32'44	12♉15	19°35	21°26	22°31	14°26	21°14	29° 9	29°44	9°16	12°46	14° 0	11°27	n.a.	M 6
T 7	6 20 7	6°33'21	25°47	21°17	22°31	23°18	14°22	21°20	29° 8	29°42	9°16	12°36	13°57	11°33	n.a.	T 7
W 8	6 24 4	7°33'57	9♒30	22°57	23°35	24° 4	14°17	21°25	29° 6	29°41	9°17	12°29	13°54	11°40	n.a.	W 8
T 9	6 28 0	8°34'30	23°21	24°34	24°39	24°51	14°12	21°31	29° 5	29°40	9°17	12°25	13°51	11°47	n.a.	T 9
F 10	6 31 57	9°35'01	7♓18	26° 7	25°43	25°38	14° 7	21°36	29° 4	29°38	9°18	12°D23	13°48	11°53	n.a.	F 10
S 11	6 35 53	10°35'30	21°19	27°37	26°46	26°25	14° 1	21°42	29° 2	29°37	9°18	12°23	13°45	12° 0	n.a.	S 11
S 12	6 39 50	11°35'57	5♈23	29° 2	27°49	27°11	13°56	21°47	29° 1	29°36	9°19	12°R24	13°41	12° 7	n.a.	S 12
M13	6 43 46	12°36'22	19°30	0♒21	28°52	27°58	13°50	21°52	28°59	29°35	9°19	12°24	13°38	12°13	n.a.	M13
T 14	6 47 43	13°36'45	3♉38	1°35	29°54	28°44	13°44	21°58	28°58	29°34	9°19	12°22	13°35	12°20	n.a.	T 14
W15	6 51 39	14°37'06	17°45	2°43	0♓56	29°31	13°38	22° 3	28°56	29°33	9°20	12°18	13°32	12°27	n.a.	W15
T 16	6 55 36	15°37'25	1♊50	3°43	1°58	0♒18	13°32	22° 8	28°55	29°32	9°20	12°11	13°29	12°33	n.a.	T 16
F 17	6 59 33	16°37'41	15°49	4°35	2°59	1° 4	13°26	22°13	28°53	29°31	9°20	12° 3	13°25	12°40	n.a.	F 17
S 18	7 3 29	17°37'56	29°37	5°20	4° 0	1°51	13°20	22°18	28°51	29°30	9°20	11°54	13°22	12°47	n.a.	S 18
S 19	7 7 26	18°38'08	13♋13	5°55	5° 0	2°37	13°14	22°23	28°50	29°29	9°20	11°44	13°19	12°53	n.a.	S 19
M20	7 11 22	19°38'18	26°32	6°21	6° 0	3°23	13° 7	22°28	28°48	29°28	9°20	11°36	13°16	13° 0	n.a.	M20
T 21	7 15 19	20°38'27	9♌32	6°38	7° 0	4°10	13° 0	22°32	28°46	29°27	9°21	11°29	13°13	13° 7	n.a.	T 21
W22	7 19 15	21°38'33	22°14	6°R46	7°59	4°56	12°54	22°37	28°44	29°26	9°R21	11°25	13°10	13°13	n.a.	W22
T 23	7 23 12	22°38'38	4♍38	6°43	8°57	5°42	12°47	22°42	28°42	29°25	9°21	11°23	13° 6	13°20	n.a.	T 23
F 24	7 27 8	23°38'41	16°48	6°32	9°55	6°29	12°40	22°46	28°40	29°24	9°21	11°D23	13° 3	13°27	n.a.	F 24
S 25	7 31 5	24°38'41	28°45	6°11	10°53	7°15	12°33	22°51	28°38	29°23	9°20	11°24	13° 0	13°33	n.a.	S 25
S 26	7 35 2	25°38'41	10♎37	5°42	11°49	8° 1	12°26	22°55	28°36	29°22	9°20	11°26	12°57	13°40	n.a.	S 26
M27	7 38 58	26°38'38	22°26	5° 5	12°46	8°47	12°19	22°59	28°34	29°22	9°20	11°R27	12°54	13°47	n.a.	M27
T 28	7 42 55	27°38'33	4♏19	4°22	13°42	9°33	12°11	23° 4	28°32	29°21	9°20	11°27	12°51	13°53	n.a.	T 28
W29	7 46 51	28°38'27	16°20	3°33	14°37	10°19	12° 4	23° 8	28°30	29°20	9°20	11°25	12°47	14° 0	n.a.	W29
T 30	7 50 48	29°38'19	28°34	2°39	15°31	11° 5	11°57	23°12	28°28	29°19	9°20	11°21	12°44	14° 7	n.a.	T 30
F 31	7 54 44	0♒38'09	11♐ 6	1♒43	16♓25	11♒51	11♌49	23♏16	28♌26	29♉19	9♎19	11♍16	12♍41	14♎13	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23 s50	10 s40	4n 8	25 s 3	1 s39	16 s59	0 s42	23 s39	1 s 8	18n 5	1n29	16 s48	1n30	12n41	0n49	19n14	1 s14	10n 2	15n 0	6n31	6n17	2 s16			n.a.
T 2	23 50	13 45	4 39	24 47	1 34	16 35	0 38	23 32	1 8	18 6	1 29	16 50	1 30	12 42	0 49	19 14	1 14	10 2	15 0	6 34	6 19	2 17			n.a.
F 3	23 49	16 17	4 57	24 30	1 28	16 10	0 33	23 25	1 8	18 8	1 30	16 51	1 30	12 42	0 49	19 14	1 14	10 2	15 0	6 39	6 20	2 19			n.a.
S 4	23 47	18 5	5 2	24 11	1 21	15 45	0 29	23 17	1 8	18 9	1 30	16 53	1 30	12 43	0 49	19 14	1 14	10 2	15 1	6 43	6 21	2 21			n.a.
S 5	23 45	18 59	4 51	23 50	1 13	15 19	0 24	23 10	1 7	18 11	1 30	16 54	1 30	12 43	0 49	19 13	1 14	10 2	15 1	6 48	6 22	2 23			n.a.
M 6	23 43	18 53	4 24	23 26	1 4	14 54	0 19	23 2	1 7	18 13	1 30	16 56	1 30	12 43	0 49	19 13	1 14	10 3	15 2	6 53	6 24	2 25			n.a.
T 7	23 40	17 43	3 41	23 1	0 55	14 28	0 14	22 53	1 7	18 14	1 31	16 57	1 30	12 44	0 49	19 13	1 14	10 3	15 2	6 57	6 25	2 27			n.a.
W 8	23 37	15 31	2 46	22 35	0 45	14 1	0 9	22 45	1 7	18 16	1 31	16 59	1 30	12 44	0 49	19 13	1 14	10 3	15 3	6 59	6 26	2 29			n.a.
T 9	23 33	12 24	1 40	22 7	0 34	13 35	0 4	22 36	1 7	18 18	1 31	17 0	1 30	12 45	0 49	19 12	1 14	10 3	15 3	7 1	6 27	2 31			n.a.
F 10	23 29	8 33	0 27	21 38	0 22	13 8	0n 1	22 27	1 7	18 20	1 31	17 1	1 30	12 45	0 49	19 12	1 14	10 3	15 4	7 1	6 29	2 33			n.a.
S 11	23 24	4 13	0 s48	21 8	0 9	12 41	0 7	22 18	1 6	18 21	1 32	17 3	1 30	12 46	0 49	19 12	1 14	10 4	15 4	7 1	6 30	2 35			n.a.
S 12	23 19	0n21	2 0	20 38	0n 4	12 14	0 12	22 9	1 6	18 23	1 32	17 4	1 30	12 46	0 49	19 12	1 14	10 4	15 5	7 1	6 31	2 37			n.a.
M13	23 14	4 54	3 5	20 7	0 18	11 47	0 18	21 59	1 6	18 25	1 32	17 5	1 30	12 47	0 49	19 12	1 14	10 4	15 5	7 1	6 32	2 39			n.a.
T 14	23 8	9 12	3 59	19 37	0 32	11 20	0 23	21 49	1 6	18 27	1 32	17 7	1 30	12 48	0 49	19 11	1 14	10 5	15 6	7 2	6 34	2 40			n.a.
W15	23 1	12 58	4 38	19 6	0 48	10 52	0 29	21 39	1 5	18 29	1 33	17 8	1 30	12 48	0 49	19 11	1 14	10 5	15 6	7 3	6 35	2 42			n.a.
T 16	22 54	15 58	5 0	18 37	1 3	10 24	0 35	21 29	1 5	18 31	1 33	17 9	1 30	12 49	0 49	19 11	1 14	10 5	15 6	7 6	6 36	2 44			n.a.
F 17	22 47	18 1	5 5	18 9	1 19	9 57	0 41	21 18	1 5	18 33	1 33	17 11	1 30	12 49	0 49	19 11	1 14	10 6	15 7	7 9	6 37	2 46			n.a.
S 18	22 39	18 59	4 51	17 43	1 35	9 29	0 47	21 8	1 5	18 35	1 33	17 12	1 30	12 50	0 49	19 11	1 14	10 6	15 7	7 13	6 38	2 48			n.a.
S 19	22 31	18 50	4 21	17 19	1 51	9 1	0 53	20 57	1 4	18 37	1 34	17 13	1 30	12 51	0 49	19 10	1 14	10 6	15 8	7 17	6 40	2 50			n.a.
M20	22 22	17 39	3 37	16 57	2 7	8 33	0 59	20 46	1 4	18 39	1 34	17 14	1 30	12 51	0 49	19 10	1 14	10 7	15 8	7 20	6 41	2 52			n.a.
T 21	22 13	15 33	2 43	16 38	2 22	8 5	1 6	20 34	1 4	18 41	1 34	17 15	1 30	12 52	0 49	19 10	1 14	10 7	15 9	7 22	6 42	2 54			n.a.
W22	22 4	12 44	1 41	16 21	2 37	7 36	1 12	20 23	1 4	18 43	1 34	17 16	1 30	12 53	0 49	19 10	1 14	10 7	15 9	7 24	6 43	2 56			n.a.
T 23	21 54	9 24	0 36	16 8	2 52	7 8	1 18	20 11	1 3	18 46	1 34	17 18	1 31	12 53	0 50	19 10	1 14	10 8	15 10	7 25	6 45	2 58			n.a.
F 24	21 44	5 45	0n29	15 58	3 5	6 40	1 25	19 59	1 3	18 48	1 35	17 19	1 31	12 54	0 50	19 10	1 14	10 8	15 10	7 25	6 46	3 0			n.a.
S 25	21 33	1 55	1 33	15 52	3 17	6 12	1 32	19 47	1 3	18 50	1 35	17 20	1 31	12 55	0 50	19 9	1 13	10 9	15 11	7 24	6 47	3 2			n.a.
S 26	21 22	1 s57	2 32	15 48	3 28	5 44	1 38	19 34	1 2	18 52	1 35	17 21	1 31	12 56	0 50	19 9	1 13	10 9	15 11	7 24	6 48	3 3			n.a.
M27	21 11	5 43	3 24	15 48	3 37	5 16	1 45	19 22	1 2	18 54	1 35	17 22	1 31	12 56	0 50	19 9	1 13	10 10	15 11	7 23	6 50	3 5			n.a.
T 28	20 59	9 17	4 8	15 52	3 44	4 48	1 52	19 9	1 2	18 57	1 35	17 23	1 31	12 57	0 50	19 9	1 13	10 10	15 12	7 23	6 51	3 7			n.a.
W29	20 46	12 31	4 41	15 58	3 49	4 20	1 59	18 56	1 2	18 59	1 35	17 24	1 31	12 58	0 50	19 9	1 13	10 11	15 12	7 24	6 52	3 9			n.a.
T 30	20 34	15 15	5 3	16 7	3 53	3 52	2 6	18 43	1 1	19 1	1 36	17 25	1 31	12 59	0 50	19 9	1 13	10 11	15 13	7 26	6 53	3 11			n.a.
F 31	20 s21	17 s22	5n10	16 s18	3n54	3 s24	2n13	18 s29	1 s 1	19n 4	1n36	17 s26	1n31	12n59	0n50	19n 9	1 s13	10n12	15n13	7n28	6n55	3 s13			n.a.

Julian Day Number = 1274722.5, Delta T = 08h13m48s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'19, Lahiri = -20°50'19 Julian Calendar 1 Jan. 1223 BCE == Greg. Calendar 21 Dec. 1224 BCE

The year -1222 astronomical counting style corresponds to year 1223 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1223 BCE
geocentric

FEBRUARY 1223 BCE (-1222) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 58 41	1♒37'57	23♐58	0°R44	17♓19	12♒37	11°R42	23♏20	28°R24	29°R18	9°R19	11°R 9	12♍38	14♎20	n.a.	S 1
S 2	8 2 37	2°37'43	7♑11	29♑46	18°11	13°23	11♌34	23°24	28♌22	29♉18	9♎19	11♍ 3	12°35	14°27	n.a.	S 2
M 3	8 6 34	3°37'27	20°45	28°48	19° 3	14° 9	11°26	23°28	28°19	29°17	9°18	10°56	12°31	14°33	n.a.	M 3
T 4	8 10 30	4°37'09	4♒38	27°52	19°55	14°55	11°19	23°31	28°17	29°16	9°18	10°51	12°28	14°40	n.a.	T 4
W 5	8 14 27	5°36'49	18°46	26°59	20°45	15°41	11°11	23°35	28°15	29°16	9°17	10°48	12°25	14°47	n.a.	W 5
T 6	8 18 24	6°36'27	3♓ 4	26°10	21°35	16°27	11° 3	23°38	28°12	29°15	9°17	10°46	12°22	14°53	n.a.	T 6
F 7	8 22 20	7°36'02	17°28	25°26	22°24	17°12	10°56	23°42	28°10	29°15	9°16	10°D46	12°19	15° 0	n.a.	F 7
S 8	8 26 17	8°35'34	1♈52	24°47	23°12	17°58	10°48	23°45	28° 8	29°15	9°16	10°47	12°16	15° 7	n.a.	S 8
S 9	8 30 13	9°35'05	16°13	24°13	23°59	18°44	10°40	23°49	28° 5	29°14	9°15	10°48	12°12	15°13	n.a.	S 9
M10	8 34 10	10°34'33	0♉28	23°46	24°45	19°29	10°32	23°52	28° 3	29°14	9°15	10°50	12° 9	15°20	n.a.	M10
T 11	8 38 6	11°33'58	14°35	23°25	25°30	20°15	10°25	23°55	28° 0	29°14	9°14	10°R50	12° 6	15°27	n.a.	T 11
W12	8 42 3	12°33'21	28°32	23°10	26°15	21° 0	10°17	23°58	27°58	29°13	9°13	10°49	12° 3	15°33	n.a.	W12
T 13	8 45 59	13°32'42	12♊18	23° 1	26°58	21°46	10° 9	24° 1	27°56	29°13	9°13	10°47	12° 0	15°40	n.a.	T 13
F 14	8 49 56	14°32'00	25°53	22°D57	27°40	22°31	10° 1	24° 4	27°53	29°13	9°12	10°43	11°56	15°47	n.a.	F 14
S 15	8 53 53	15°31'15	9♋15	23° 0	28°21	23°16	9°54	24° 6	27°51	29°13	9°11	10°40	11°53	15°53	n.a.	S 15
S 16	8 57 49	16°30'29	22°25	23° 8	29° 1	24° 2	9°46	24° 9	27°48	29°13	9°10	10°36	11°50	16° 0	n.a.	S 16
M17	9 1 46	17°29'40	5♌20	23°22	29°40	24°47	9°38	24°12	27°46	29°13	9° 9	10°32	11°47	16° 7	n.a.	M17
T 18	9 5 42	18°28'48	18° 1	23°41	0♈17	25°32	9°31	24°14	27°43	29°13	9° 9	10°30	11°44	16°13	n.a.	T 18
W19	9 9 39	19°27'55	0♍29	24° 4	0°53	26°17	9°23	24°17	27°40	29°D13	9° 8	10°28	11°41	16°20	n.a.	W19
T 20	9 13 35	20°26'59	12°43	24°33	1°28	27° 2	9°15	24°19	27°38	29°13	9° 7	10°D28	11°37	16°27	n.a.	T 20
F 21	9 17 32	21°26'01	24°48	25° 5	2° 1	27°47	9° 8	24°21	27°35	29°13	9° 6	10°29	11°34	16°33	n.a.	F 21
S 22	9 21 28	22°25'01	6♎44	25°42	2°33	28°32	9° 1	24°23	27°33	29°13	9° 5	10°30	11°31	16°40	n.a.	S 22
S 23	9 25 25	23°23'59	18°34	26°23	3° 4	29°17	8°53	24°25	27°30	29°13	9° 4	10°31	11°28	16°47	n.a.	S 23
M24	9 29 21	24°22'55	0♏24	27° 7	3°33	0♓ 2	8°46	24°27	27°28	29°13	9° 3	10°33	11°25	16°53	n.a.	M24
T 25	9 33 18	25°21'50	12°17	27°55	4° 0	0°47	8°39	24°29	27°25	29°13	9° 2	10°34	11°22	17° 0	n.a.	T 25
W26	9 37 15	26°20'42	24°18	28°46	4°26	1°32	8°32	24°31	27°22	29°13	9° 1	10°R34	11°18	17° 7	n.a.	W26
T 27	9 41 11	27°19'32	6♐31	29°40	4°49	2°17	8°25	24°32	27°20	29°14	9° 0	10°34	11°15	17°13	n.a.	T 27
F 28	9 45 8	28♒18'21	19♐ 2	0♒38	5♈12	3♓ 1	8♌18	24♏34	27♌17	29♉14	8♎58	10♍33	11♍12	17♎20	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 8	18s40	5n 2	16s32	3n53	2s57	2n20	18s16	1s 1	19n 6	1n36	17s27	1n31	13n 0	0n50	19n 9	1s13	10n12	15n14	7n30	6n56	3s15		n.a.
S 2	19 54	19 0	4 39	16 47	3 50	2 29	2 27	18 2	1 0	19 8	1 36	17 28	1 31	13 1	0 50	19 9	1 13	10 13	15 14	7 33	6 57	3 17		n.a.
M 3	19 40	18 16	3 59	17 4	3 46	2 2	2 35	17 49	1 0	19 10	1 36	17 29	1 31	13 2	0 50	19 9	1 13	10 13	15 14	7 35	6 58	3 19		n.a.
T 4	19 26	16 27	3 4	17 21	3 39	1 35	2 42	17 35	1 0	19 13	1 36	17 29	1 31	13 3	0 50	19 9	1 13	10 14	15 15	7 37	6 59	3 21		n.a.
W 5	19 11	13 36	1 57	17 40	3 31	1 8	2 50	17 20	0 59	19 15	1 36	17 30	1 31	13 3	0 50	19 8	1 13	10 14	15 15	7 38	7 1	3 23		n.a.
T 6	18 56	9 54	0 42	17 58	3 21	0 41	2 57	17 6	0 59	19 17	1 36	17 31	1 32	13 4	0 50	19 8	1 13	10 15	15 16	7 39	7 2	3 25		n.a.
F 7	18 40	5 36	0s37	18 17	3 11	0 15	3 4	16 52	0 58	19 19	1 37	17 32	1 32	13 5	0 50	19 8	1 13	10 15	15 16	7 39	7 3	3 27		n.a.
S 8	18 25	0 58	1 53	18 36	2 59	0n11	3 12	16 37	0 58	19 22	1 37	17 33	1 32	13 6	0 50	19 8	1 13	10 16	15 17	7 39	7 4	3 28		n.a.
S 9	18 9	3n41	3 2	18 54	2 46	0 37	3 20	16 23	0 58	19 24	1 37	17 33	1 32	13 7	0 50	19 8	1 13	10 17	15 17	7 38	7 6	3 30		n.a.
M10	17 53	8 6	3 59	19 12	2 33	1 3	3 27	16 8	0 57	19 26	1 37	17 34	1 32	13 8	0 50	19 8	1 13	10 17	15 17	7 38	7 7	3 32		n.a.
T 11	17 36	12 0	4 42	19 29	2 19	1 28	3 35	15 53	0 57	19 28	1 37	17 35	1 32	13 9	0 50	19 8	1 13	10 18	15 18	7 38	7 8	3 34		n.a.
W12	17 19	15 11	5 7	19 46	2 5	1 53	3 43	15 38	0 57	19 31	1 37	17 35	1 32	13 9	0 50	19 8	1 13	10 18	15 18	7 38	7 9	3 36		n.a.
T 13	17 2	17 28	5 14	20 1	1 51	2 17	3 50	15 22	0 56	19 33	1 37	17 36	1 32	13 10	0 50	19 8	1 13	10 19	15 19	7 39	7 11	3 38		n.a.
F 14	16 45	18 44	5 3	20 16	1 37	2 41	3 58	15 7	0 56	19 35	1 37	17 37	1 32	13 11	0 50	19 8	1 13	10 20	15 19	7 40	7 12	3 40		n.a.
S 15	16 27	18 55	4 36	20 29	1 22	3 5	4 6	14 51	0 55	19 37	1 37	17 37	1 32	13 12	0 50	19 8	1 12	10 20	15 19	7 42	7 13	3 42		n.a.
S 16	16 9	18 5	3 54	20 42	1 8	3 28	4 14	14 36	0 55	19 39	1 37	17 38	1 32	13 13	0 50	19 8	1 12	10 21	15 20	7 43	7 14	3 44		n.a.
M17	15 51	16 19	3 2	20 53	0 55	3 51	4 22	14 20	0 55	19 41	1 37	17 38	1 32	13 14	0 50	19 8	1 12	10 22	15 20	7 44	7 16	3 46		n.a.
T 18	15 32	13 46	2 1	21 3	0 41	4 13	4 30	14 4	0 54	19 44	1 37	17 39	1 33	13 15	0 50	19 8	1 12	10 22	15 20	7 45	7 17	3 48		n.a.
W19	15 14	10 38	0 55	21 12	0 28	4 35	4 37	13 48	0 54	19 46	1 37	17 40	1 33	13 16	0 50	19 8	1 12	10 23	15 21	7 46	7 18	3 50		n.a.
T 20	14 55	7 5	0n12	21 19	0 15	4 56	4 45	13 32	0 53	19 48	1 37	17 40	1 33	13 17	0 50	19 8	1 12	10 24	15 21	7 46	7 19	3 51		n.a.
F 21	14 36	3 18	1 18	21 26	0 3	5 17	4 53	13 16	0 53	19 50	1 37	17 40	1 33	13 18	0 50	19 9	1 12	10 24	15 21	7 46	7 20	3 53		n.a.
S 22	14 16	0s34	2 20	21 31	0s 9	5 37	5 1	13 0	0 53	19 52	1 37	17 41	1 33	13 18	0 50	19 9	1 12	10 25	15 22	7 45	7 22	3 55		n.a.
S 23	13 57	4 23	3 16	21 34	0 21	5 56	5 8	12 43	0 52	19 54	1 37	17 41	1 33	13 19	0 50	19 9	1 12	10 26	15 22	7 45	7 23	3 57		n.a.
M24	13 37	8 1	4 2	21 36	0 32	6 15	5 16	12 27	0 52	19 56	1 37	17 42	1 33	13 20	0 50	19 9	1 12	10 26	15 22	7 44	7 24	3 59		n.a.
T 25	13 17	11 21	4 39	21 37	0 43	6 33	5 24	12 10	0 51	19 58	1 37	17 42	1 33	13 21	0 50	19 9	1 12	10 27	15 23	7 44	7 25	4 1		n.a.
W26	12 57	14 15	5 4	21 36	0 53	6 50	5 31	11 54	0 51	19 59	1 37	17 42	1 33	13 22	0 50	19 9	1 12	10 28	15 23	7 44	7 27	4 3		n.a.
T 27	12 36	16 34	5 16	21 34	1 2	7 6	5 39	11 37	0 50	20 1	1 37	17 43	1 33	13 23	0 50	19 9	1 12	10 29	15 23	7 44	7 28	4 5		n.a.
F 28	12s16	18s10	5n13	21s31	1s11	7n22	5n46	11s20	0s50	20n 3	1n37	17s43	1n33	13n24	0n50	19n 9	1s12	10n29	15n24	7n44	7n29	4s 7		n.a.

Julian Day Number = 1274753.5, Delta T = 08h13m46s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'15, Lahiri = -20°50'15 Julian Calendar 1 Feb. 1223 BCE == Greg. Calendar 21 Jan. 1223 BCE

The year -1222 astronomical counting style corresponds to year 1223 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1223 BCE
geocentric

MARCH 1223 BCE (-1222) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 49 4	29♒17'08	1♉53	1♒38	5♈32	3♓46	8°R11	24♏35	27°R15	29♉14	8°R57	10°R32	11♍ 9	17♎27	n.a.	S 1
S 2	9 53 1	0♓15'53	15° 8	2°41	5°50	4°31	8♌ 4	24°37	27♌12	29°14	8♎56	10♍31	11° 6	17°33	n.a.	S 2
M 3	9 56 57	1°14'36	28°47	3°46	6° 7	5°15	7°57	24°38	27°10	29°15	8°55	10°30	11° 2	17°40	n.a.	M 3
T 4	10 0 54	2°13'17	12♒51	4°54	6°21	6° 0	7°51	24°39	27° 7	29°15	8°54	10°29	10°59	17°47	n.a.	T 4
W 5	10 4 50	3°11'56	27°15	6° 5	6°33	6°44	7°44	24°40	27° 4	29°16	8°52	10°28	10°56	17°53	n.a.	W 5
T 6	10 8 47	4°10'33	11♓55	7°17	6°44	7°29	7°38	24°41	27° 2	29°16	8°51	10°D28	10°53	18° 0	n.a.	T 6
F 7	10 12 43	5° 9'08	26°44	8°32	6°52	8°13	7°32	24°42	26°59	29°17	8°50	10°28	10°50	18° 7	n.a.	F 7
S 8	10 16 40	6° 7'40	11♈35	9°49	6°57	8°57	7°25	24°43	26°57	29°17	8°49	10°28	10°47	18°13	n.a.	S 8
S 9	10 20 37	7° 6'10	26°20	11° 8	7° 1	9°42	7°19	24°44	26°54	29°18	8°47	10°29	10°43	18°20	n.a.	S 9
M10	10 24 33	8° 4'39	10♉53	12°29	7°R 2	10°26	7°14	24°44	26°52	29°18	8°46	10°29	10°40	18°27	n.a.	M10
T 11	10 28 30	9° 3'04	25°11	13°52	7° 0	11°10	7° 8	24°45	26°49	29°19	8°44	10°29	10°37	18°33	n.a.	T 11
W12	10 32 26	10° 1'28	9♊10	15°17	6°57	11°54	7° 2	24°45	26°47	29°20	8°43	10°29	10°34	18°40	n.a.	W12
T 13	10 36 23	10°59'49	22°50	16°43	6°50	12°38	6°57	24°45	26°44	29°20	8°42	10°29	10°31	18°47	n.a.	T 13
F 14	10 40 19	11°58'08	6♋12	18°12	6°42	13°22	6°52	24°46	26°42	29°21	8°40	10°29	10°28	18°53	n.a.	F 14
S 15	10 44 16	12°56'25	19°16	19°42	6°30	14° 6	6°46	24°46	26°39	29°22	8°39	10°29	10°24	19° 0	n.a.	S 15
S 16	10 48 12	13°54'40	2♌ 4	21°15	6°17	14°50	6°41	24°R46	26°37	29°23	8°37	10°30	10°21	19° 7	n.a.	S 16
M17	10 52 9	14°52'52	14°39	22°49	6° 1	15°34	6°37	24°46	26°34	29°24	8°36	10°30	10°18	19°13	n.a.	M17
T 18	10 56 5	15°51'02	27° 1	24°25	5°42	16°18	6°32	24°46	26°32	29°24	8°34	10°31	10°15	19°20	n.a.	T 18
W19	11 0 2	16°49'11	9♍14	26° 2	5°21	17° 2	6°27	24°45	26°30	29°25	8°33	10°R31	10°12	19°27	n.a.	W19
T 20	11 3 59	17°47'17	21°17	27°42	4°58	17°45	6°23	24°45	26°27	29°26	8°31	10°31	10° 8	19°34	n.a.	T 20
F 21	11 7 55	18°45'22	3♎14	29°23	4°33	18°29	6°19	24°44	26°25	29°27	8°30	10°30	10° 5	19°40	n.a.	F 21
S 22	11 11 52	19°43'25	15° 7	1♓ 6	4° 5	19°12	6°15	24°44	26°23	29°28	8°28	10°29	10° 2	19°47	n.a.	S 22
S 23	11 15 48	20°41'26	26°57	2°51	3°36	19°56	6°11	24°43	26°20	29°29	8°27	10°28	9°59	19°54	n.a.	S 23
M24	11 19 45	21°39'25	8♏47	4°37	3° 5	20°39	6° 7	24°42	26°18	29°30	8°25	10°26	9°56	20° 0	n.a.	M24
T 25	11 23 41	22°37'23	20°41	6°26	2°32	21°23	6° 4	24°42	26°16	29°31	8°23	10°25	9°53	20° 7	n.a.	T 25
W26	11 27 38	23°35'20	2♐43	8°16	1°58	22° 6	6° 0	24°41	26°14	29°32	8°22	10°23	9°49	20°14	n.a.	W26
T 27	11 31 34	24°33'15	14°55	10° 8	1°22	22°50	5°57	24°40	26°11	29°33	8°20	10°22	9°46	20°20	n.a.	T 27
F 28	11 35 31	25°31'08	27°23	12° 1	0°46	23°33	5°54	24°38	26° 9	29°35	8°19	10°D22	9°43	20°27	n.a.	F 28
S 29	11 39 28	26°29'00	10♉ 9	13°57	0° 9	24°16	5°51	24°37	26° 7	29°36	8°17	10°23	9°40	20°34	n.a.	S 29
S 30	11 43 24	27°26'51	23°19	15°54	29♓31	24°59	5°48	24°36	26° 5	29°37	8°15	10°24	9°37	20°40	n.a.	S 30
M31	11 47 21	28♓24'41	6♒55	17♓53	28♓53	25♓42	5♌46	24♏34	26♌ 3	29♉38	8♎14	10♍25	9♍33	20♎47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s55	18s54	4n55	21s26	1s20	7n37	5n53	11s 3	0s49	20n 5	1n37	17s43	1n33	13n25	0n50	19n 9	1s12	10n30	15n24	7n44	7n30	4s 9		n.a.
S 2	11 34	18 38	4 21	21 19	1 28	7 51	6 0	10 46	0 49	20 7	1 37	17 44	1 34	13 26	0 50	19 9	1 12	10 31	15 24	7 45	7 31	4 11		n.a.
M 3	11 13	17 18	3 31	21 11	1 36	8 4	6 7	10 29	0 49	20 8	1 37	17 44	1 34	13 27	0 50	19 10	1 12	10 31	15 25	7 45	7 33	4 13		n.a.
T 4	10 51	14 53	2 27	21 1	1 43	8 16	6 14	10 12	0 48	20 10	1 37	17 44	1 34	13 27	0 50	19 10	1 12	10 32	15 25	7 46	7 34	4 15		n.a.
W 5	10 30	11 29	1 13	20 50	1 49	8 26	6 20	9 55	0 48	20 12	1 37	17 44	1 34	13 28	0 50	19 10	1 12	10 33	15 25	7 46	7 35	4 16		n.a.
T 6	10 8	7 20	0s 8	20 37	1 55	8 36	6 26	9 38	0 47	20 13	1 37	17 44	1 34	13 29	0 50	19 10	1 11	10 34	15 25	7 46	7 36	4 18		n.a.
F 7	9 47	2 41	1 29	20 22	2 1	8 45	6 32	9 21	0 47	20 15	1 37	17 44	1 34	13 30	0 50	19 10	1 11	10 34	15 26	7 46	7 38	4 20		n.a.
S 8	9 25	2n 8	2 44	20 6	2 6	8 53	6 38	9 3	0 46	20 16	1 36	17 45	1 34	13 31	0 50	19 10	1 11	10 35	15 26	7 46	7 39	4 22		n.a.
S 9	9 3	6 47	3 48	19 48	2 10	8 59	6 44	8 46	0 46	20 18	1 36	17 45	1 34	13 32	0 50	19 10	1 11	10 36	15 26	7 46	7 40	4 24		n.a.
M10	8 41	10 58	4 36	19 29	2 14	9 4	6 49	8 28	0 45	20 19	1 36	17 45	1 34	13 33	0 50	19 11	1 11	10 37	15 26	7 46	7 41	4 26		n.a.
T 11	8 18	14 25	5 7	19 8	2 17	9 8	6 54	8 11	0 45	20 21	1 36	17 45	1 34	13 34	0 50	19 11	1 11	10 37	15 26	7 46	7 42	4 28		n.a.
W12	7 56	16 58	5 18	18 45	2 20	9 10	6 58	7 53	0 44	20 22	1 36	17 45	1 34	13 34	0 50	19 11	1 11	10 38	15 27	7 45	7 44	4 30		n.a.
T 13	7 34	18 28	5 10	18 21	2 23	9 12	7 2	7 36	0 44	20 23	1 36	17 45	1 35	13 35	0 50	19 11	1 11	10 39	15 27	7 45	7 45	4 32		n.a.
F 14	7 11	18 55	4 46	17 55	2 24	9 11	7 5	7 18	0 43	20 25	1 36	17 45	1 35	13 36	0 50	19 11	1 11	10 40	15 27	7 45	7 46	4 34		n.a.
S 15	6 49	18 20	4 8	17 27	2 26	9 9	7 9	7 1	0 43	20 26	1 36	17 45	1 35	13 37	0 50	19 12	1 11	10 40	15 27	7 45	7 47	4 36		n.a.
S 16	6 26	16 49	3 18	16 58	2 26	9 6	7 11	6 43	0 42	20 27	1 36	17 45	1 35	13 38	0 50	19 12	1 11	10 41	15 27	7 45	7 49	4 38		n.a.
M17	6 3	14 30	2 19	16 26	2 27	9 1	7 13	6 25	0 42	20 28	1 35	17 44	1 35	13 39	0 50	19 12	1 11	10 42	15 28	7 45	7 50	4 39		n.a.
T 18	5 40	11 33	1 14	15 54	2 26	8 55	7 14	6 8	0 41	20 29	1 35	17 44	1 35	13 40	0 50	19 12	1 11	10 42	15 28	7 45	7 51	4 41		n.a.
W19	5 17	8 8	0 7	15 19	2 25	8 47	7 15	5 50	0 41	20 30	1 35	17 44	1 35	13 40	0 50	19 13	1 11	10 43	15 28	7 45	7 52	4 43		n.a.
T 20	4 54	4 25	0n59	14 43	2 24	8 38	7 15	5 32	0 40	20 31	1 35	17 44	1 35	13 41	0 50	19 13	1 11	10 44	15 28	7 45	7 53	4 45		n.a.
F 21	4 31	0 34	2 3	14 5	2 22	8 27	7 14	5 14	0 40	20 32	1 35	17 44	1 35	13 42	0 50	19 13	1 11	10 45	15 28	7 45	7 55	4 47		n.a.
S 22	4 8	3s17	3 0	13 26	2 19	8 15	7 13	4 56	0 39	20 33	1 35	17 44	1 35	13 43	0 50	19 13	1 11	10 45	15 28	7 46	7 56	4 49		n.a.
S 23	3 45	6 59	3 50	12 44	2 16	8 1	7 11	4 38	0 39	20 34	1 34	17 43	1 35	13 43	0 50	19 14	1 11	10 46	15 28	7 46	7 57	4 51		n.a.
M24	3 22	10 25	4 30	12 1	2 12	7 46	7 8	4 21	0 38	20 35	1 34	17 43	1 35	13 44	0 50	19 14	1 11	10 47	15 29	7 47	7 58	4 53		n.a.
T 25	2 58	13 26	4 58	11 17	2 8	7 29	7 4	4 3	0 38	20 35	1 34	17 43	1 36	13 45	0 50	19 14	1 11	10 48	15 29	7 47	8 0	4 55		n.a.
W26	2 35	15 55	5 14	10 31	2 3	7 11	6 59	3 45	0 37	20 36	1 34	17 43	1 36	13 46	0 50	19 14	1 10	10 48	15 29	7 48	8 1	4 57		n.a.
T 27	2 12	17 45	5 16	9 43	1 58	6 52	6 54	3 27	0 36	20 37	1 34	17 42	1 36	13 46	0 50	19 15	1 10	10 49	15 29	7 48	8 2	4 59		n.a.
F 28	1 49	18 46	5 3	8 53	1 52	6 32	6 48	3 9	0 36	20 37	1 34	17 42	1 36	13 47	0 50	19 15	1 10	10 50	15 29	7 48	8 3	5 1		n.a.
S 29	1 25	18 52	4 35	8 2	1 46	6 10	6 41	2 51	0 35	20 38	1 33	17 41	1 36	13 48	0 50	19 15	1 10	10 50	15 29	7 48	8 4	5 2		n.a.
S 30	1 2	17 58	3 52	7 10	1 39	5 48	6 33	2 33	0 35	20 38	1 33	17 41	1 36	13 49	0 50	19 16	1 10	10 51	15 29	7 48	8 6	5 4		n.a.
M31	0s39	16s 2	2n55	6s16	1s32	5n25	6n25	2s15	0s34	20n39	1n33	17s41	1n36	13n49	0n50	19n16	1s10	10n52	15n29	7n47	8n 7	5s 6		n.a.

Julian Day Number = 1274781.5, Delta T = 08h13m45s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'11, Lahiri = -20°50'11 Julian Calendar 1 March 1223 BCE == Greg. Calendar 18 Feb. 1223 BCE

The year -1222 astronomical counting style corresponds to year 1223 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1223 BCE
geocentric

APRIL 1223 BCE (-1222) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 51 17	29♓22'28	20♒57	19♓54	28°R15	26♓26	5°R43	24°R33	26°R 1	29♉40	8°R12	10♍26	9♍30	20♎54	n.a.	T 1
W 2	11 55 14	0♈20'15	5♓24	21°57	27♓37	27° 9	5♌41	24♏31	25♌59	29°41	8♎10	10°R27	9°27	21° 0	n.a.	W 2
T 3	11 59 10	1°18'00	20°13	24° 0	27° 0	27°52	5°39	24°30	25°57	29°42	8° 9	10°27	9°24	21° 7	n.a.	T 3
F 4	12 3 7	2°15'44	5♈17	26° 6	26°23	28°34	5°38	24°28	25°55	29°43	8° 7	10°25	9°21	21°14	n.a.	F 4
S 5	12 7 3	3°13'26	20°26	28°13	25°48	29°17	5°36	24°26	25°53	29°45	8° 6	10°23	9°18	21°20	n.a.	S 5
S 6	12 11 0	4°11'06	5♉32	0♈21	25°13	0♈ 0	5°34	24°24	25°51	29°46	8° 4	10°20	9°14	21°27	n.a.	S 6
M 7	12 14 56	5° 8'45	20°26	2°30	24°39	0°43	5°33	24°22	25°49	29°48	8° 2	10°17	9°11	21°34	n.a.	M 7
T 8	12 18 53	6° 6'23	4♊59	4°40	24° 7	1°26	5°32	24°20	25°48	29°49	8° 0	10°14	9° 8	21°40	n.a.	T 8
W 9	12 22 50	7° 3'58	19° 9	6°50	23°37	2° 8	5°31	24°18	25°46	29°51	7°59	10°12	9° 5	21°47	n.a.	W 9
T 10	12 26 46	8° 1'33	2♋52	9° 1	23° 9	2°51	5°31	24°16	25°44	29°52	7°57	10°D11	9° 2	21°54	n.a.	T 10
F 11	12 30 43	8°59'05	16°11	11°12	22°42	3°34	5°30	24°13	25°43	29°54	7°55	10°11	8°59	22° 0	n.a.	F 11
S 12	12 34 39	9°56'36	29° 7	13°23	22°18	4°16	5°30	24°11	25°41	29°55	7°54	10°12	8°55	22° 7	n.a.	S 12
S 13	12 38 36	10°54'05	11♌44	15°33	21°56	4°58	5°D30	24° 8	25°39	29°57	7°52	10°14	8°52	22°14	n.a.	S 13
M14	12 42 32	11°51'33	24° 5	17°43	21°36	5°41	5°30	24° 6	25°38	29°58	7°50	10°15	8°49	22°20	n.a.	M14
T 15	12 46 29	12°48'59	6♍15	19°52	21°18	6°23	5°30	24° 3	25°36	0♊ 0	7°49	10°R16	8°46	22°27	n.a.	T 15
W16	12 50 25	13°46'23	18°15	22° 0	21° 3	7° 6	5°30	24° 0	25°35	0° 2	7°47	10°16	8°43	22°34	n.a.	W16
T 17	12 54 22	14°43'47	0♎10	24° 6	20°50	7°48	5°31	23°57	25°34	0° 3	7°45	10°14	8°39	22°41	n.a.	T 17
F 18	12 58 19	15°41'09	12° 1	26°11	20°39	8°30	5°31	23°54	25°32	0° 5	7°44	10°11	8°36	22°47	n.a.	F 18
S 19	13 2 15	16°38'30	23°52	28°13	20°31	9°12	5°32	23°51	25°31	0° 7	7°42	10° 5	8°33	22°54	n.a.	S 19
S 20	13 6 12	17°35'50	5♏42	0♉14	20°26	9°54	5°34	23°48	25°30	0° 8	7°41	9°59	8°30	23° 1	n.a.	S 20
M21	13 10 8	18°33'10	17°36	2°12	20°22	10°36	5°35	23°45	25°28	0°10	7°39	9°52	8°27	23° 7	n.a.	M21
T 22	13 14 5	19°30'28	29°34	4° 8	20°D22	11°18	5°36	23°42	25°27	0°12	7°37	9°45	8°24	23°14	n.a.	T 22
W23	13 18 1	20°27'45	11♐39	6° 2	20°23	12° 0	5°38	23°39	25°26	0°14	7°36	9°39	8°20	23°21	n.a.	W23
T 24	13 21 58	21°25'02	23°54	7°53	20°27	12°42	5°40	23°36	25°25	0°16	7°34	9°34	8°17	23°27	n.a.	T 24
F 25	13 25 54	22°22'18	6♑21	9°42	20°33	13°24	5°42	23°32	25°24	0°17	7°32	9°31	8°14	23°34	n.a.	F 25
S 26	13 29 51	23°19'34	19° 6	11°28	20°41	14° 6	5°44	23°29	25°23	0°19	7°31	9°D30	8°11	23°41	n.a.	S 26
S 27	13 33 48	24°16'49	2♒10	13°11	20°52	14°47	5°46	23°25	25°22	0°21	7°29	9°30	8° 8	23°47	n.a.	S 27
M28	13 37 44	25°14'03	15°38	14°52	21° 4	15°29	5°49	23°22	25°21	0°23	7°28	9°31	8° 4	23°54	n.a.	M28
T 29	13 41 41	26°11'17	29°31	16°30	21°19	16°11	5°51	23°18	25°20	0°25	7°26	9°32	8° 1	24° 1	n.a.	T 29
W30	13 45 37	27♈ 8'30	13♓51	18♉ 5	21♓35	16♈52	5♌54	23♏14	25♌19	0♊27	7♎25	9°R32	7♍58	24♎ 7	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s15	13s 5	1n46	5s21	1s24	5n 1	6n16	1s58	0s34	20n39	1n33	17s40	1n36	13n50	0n50	19n16	1s10	10n52	15n29	7n47	8n 8	5s 8		n.a.
W 2	0n 8	9 15	0 28	4 24	1 15	4 37	6 6	1 40	0 33	20 39	1 33	17 40	1 36	13 51	0 50	19 17	1 10	10 53	15 29	7 46	8 9	5 10		n.a.
T 3	0 32	4 45	0s54	3 26	1 7	4 12	5 55	1 22	0 33	20 40	1 33	17 39	1 36	13 51	0 50	19 17	1 10	10 54	15 29	7 47	8 11	5 12		n.a.
F 4	0 55	0n 6	2 13	2 27	0 57	3 47	5 44	1 4	0 32	20 40	1 32	17 39	1 36	13 52	0 50	19 17	1 10	10 54	15 29	7 47	8 12	5 14		n.a.
S 5	1 18	4 59	3 23	1 27	0 48	3 22	5 33	0 46	0 32	20 40	1 32	17 38	1 36	13 53	0 50	19 18	1 10	10 55	15 29	7 48	8 13	5 16		n.a.
S 6	1 41	9 32	4 19	0 27	0 38	2 57	5 21	0 28	0 31	20 40	1 32	17 38	1 36	13 53	0 50	19 18	1 10	10 56	15 29	7 49	8 14	5 18		n.a.
M 7	2 5	13 24	4 56	0n35	0 28	2 33	5 8	0 11	0 30	20 41	1 32	17 37	1 36	13 54	0 49	19 18	1 10	10 56	15 29	7 50	8 15	5 20		n.a.
T 8	2 28	16 21	5 13	1 37	0 18	2 8	4 55	0n 7	0 30	20 41	1 32	17 37	1 36	13 54	0 49	19 19	1 10	10 57	15 29	7 51	8 17	5 22		n.a.
W 9	2 51	18 14	5 11	2 39	0 7	1 44	4 42	0 25	0 29	20 41	1 31	17 36	1 37	13 55	0 49	19 19	1 10	10 58	15 29	7 52	8 18	5 23		n.a.
T 10	3 14	18 58	4 50	3 41	0n 3	1 20	4 28	0 43	0 29	20 41	1 31	17 35	1 37	13 55	0 49	19 19	1 10	10 58	15 29	7 53	8 19	5 25		n.a.
F 11	3 37	18 38	4 15	4 43	0 14	0 57	4 15	1 0	0 28	20 41	1 31	17 35	1 37	13 56	0 49	19 20	1 10	10 59	15 29	7 53	8 20	5 27		n.a.
S 12	4 0	17 18	3 27	5 45	0 24	0 35	4 1	1 18	0 28	20 40	1 31	17 34	1 37	13 57	0 49	19 20	1 10	10 59	15 29	7 52	8 21	5 29		n.a.
S 13	4 23	15 9	2 30	6 45	0 35	0 13	3 47	1 36	0 27	20 40	1 30	17 33	1 37	13 57	0 49	19 20	1 10	11 0	15 29	7 52	8 23	5 31		n.a.
M14	4 46	12 20	1 28	7 46	0 45	0s 8	3 33	1 53	0 27	20 40	1 30	17 33	1 37	13 58	0 49	19 21	1 10	11 0	15 29	7 51	8 24	5 33		n.a.
T 15	5 9	9 2	0 22	8 44	0 55	0 27	3 19	2 11	0 26	20 40	1 30	17 32	1 37	13 58	0 49	19 21	1 10	11 1	15 28	7 51	8 25	5 35		n.a.
W16	5 31	5 23	0n44	9 42	1 5	0 46	3 6	2 28	0 25	20 40	1 30	17 31	1 37	13 59	0 49	19 22	1 10	11 2	15 28	7 51	8 26	5 37		n.a.
T 17	5 54	1 33	1 47	10 38	1 14	1 4	2 52	2 46	0 25	20 39	1 30	17 31	1 37	13 59	0 49	19 22	1 10	11 2	15 28	7 51	8 27	5 39		n.a.
F 18	6 16	2s19	2 45	11 33	1 23	1 21	2 38	3 3	0 24	20 39	1 29	17 30	1 37	13 59	0 49	19 22	1 10	11 3	15 28	7 53	8 29	5 41		n.a.
S 19	6 39	6 5	3 35	12 26	1 31	1 36	2 25	3 21	0 24	20 38	1 29	17 29	1 37	14 0	0 49	19 23	1 9	11 3	15 28	7 55	8 30	5 43		n.a.
S 20	7 1	9 37	4 17	13 16	1 38	1 50	2 12	3 38	0 23	20 38	1 29	17 28	1 37	14 0	0 49	19 23	1 9	11 4	15 28	7 57	8 31	5 44		n.a.
M21	7 23	12 47	4 47	14 5	1 45	2 4	1 59	3 55	0 23	20 37	1 29	17 27	1 37	14 1	0 49	19 24	1 9	11 4	15 28	8 0	8 32	5 46		n.a.
T 22	7 45	15 26	5 5	14 52	1 52	2 16	1 46	4 12	0 22	20 37	1 29	17 27	1 37	14 1	0 49	19 24	1 9	11 5	15 28	8 2	8 34	5 48		n.a.
W23	8 7	17 27	5 10	15 36	1 58	2 27	1 33	4 30	0 21	20 36	1 28	17 26	1 37	14 1	0 49	19 24	1 9	11 5	15 27	8 5	8 35	5 50		n.a.
T 24	8 29	18 42	5 0	16 18	2 3	2 36	1 21	4 47	0 21	20 35	1 28	17 25	1 37	14 2	0 49	19 25	1 9	11 6	15 27	8 7	8 36	5 52		n.a.
F 25	8 51	19 5	4 37	16 58	2 7	2 45	1 9	5 4	0 20	20 35	1 28	17 24	1 37	14 2	0 49	19 25	1 9	11 6	15 27	8 8	8 37	5 54		n.a.
S 26	9 13	18 30	3 59	17 35	2 11	2 52	0 57	5 21	0 20	20 34	1 28	17 23	1 37	14 2	0 49	19 26	1 9	11 7	15 27	8 8	8 38	5 56		n.a.
S 27	9 34	16 57	3 8	18 10	2 14	2 59	0 46	5 38	0 19	20 33	1 28	17 22	1 37	14 3	0 49	19 26	1 9	11 7	15 27	8 8	8 40	5 58		n.a.
M28	9 55	14 25	2 6	18 43	2 16	3 4	0 35	5 55	0 18	20 32	1 27	17 21	1 37	14 3	0 49	19 27	1 9	11 7	15 26	8 8	8 41	6 0		n.a.
T 29	10 16	10 59	0 54	19 14	2 17	3 8	0 24	6 12	0 18	20 32	1 27	17 20	1 37	14 3	0 49	19 27	1 9	11 8	15 26	8 7	8 42	6 2		n.a.
W30	10n37	6s49	0s23	19n42	2n18	3s11	0n14	6n28	0s17	20n31	1n27	17s20	1n37	14n 3	0n49	19n27	1s 9	11n 8	15n26	8n 7	8n43	6s 4		n.a.

Julian Day Number = 1274812.5, Delta T = 08h13m43s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'07, Lahiri = -20°50'07 Julian Calendar 1 Apr. 1223 BCE == Greg. Calendar 21 March 1223 BCE

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ASTRODIENST EPHEMERIS for the year 1223 BCE
geocentric

MAY 1223 BCE (-1222) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 49 34	28♈ 5'43	28♓35	19♉37	21♓53	17♈34	5♌57	23°R11	25°R19	0♊29	7°R23	9°R31	7♍55	24♎14	n.a.	T 1
F 2	13 53 30	29° 2'55	13♈38	21° 7	22°14	18°15	6° 0	23♏ 7	25♌18	0°31	7♎21	9♍28	7°52	24°21	n.a.	F 2
S 3	13 57 27	0♉ 0'06	28°52	22°33	22°36	18°57	6° 4	23° 3	25°17	0°33	7°20	9°22	7°49	24°28	n.a.	S 3
S 4	14 1 23	0°57'17	14♉ 7	23°57	22°59	19°38	6° 7	22°59	25°17	0°35	7°18	9°15	7°45	24°34	n.a.	S 4
M 5	14 5 20	1°54'27	29°12	25°18	23°25	20°20	6°11	22°55	25°16	0°37	7°17	9° 7	7°42	24°41	n.a.	M 5
T 6	14 9 17	2°51'37	13♊57	26°37	23°51	21° 1	6°15	22°51	25°16	0°39	7°15	9° 0	7°39	24°48	n.a.	T 6
W 7	14 13 13	3°48'46	28°17	27°52	24°20	21°42	6°19	22°47	25°15	0°41	7°14	8°54	7°36	24°54	n.a.	W 7
T 8	14 17 10	4°45'54	12♋ 8	29° 4	24°50	22°23	6°23	22°43	25°15	0°43	7°13	8°49	7°33	25° 1	n.a.	T 8
F 9	14 21 6	5°43'02	25°31	0♊13	25°21	23° 5	6°27	22°39	25°15	0°45	7°11	8°47	7°30	25° 8	n.a.	F 9
S 10	14 25 3	6°40'08	8♌27	1°19	25°53	23°46	6°32	22°35	25°14	0°47	7°10	8°D47	7°26	25°14	n.a.	S 10
S 11	14 28 59	7°37'14	21° 0	2°22	26°27	24°27	6°36	22°31	25°14	0°49	7° 8	8°47	7°23	25°21	n.a.	S 11
M12	14 32 56	8°34'19	3♍16	3°21	27° 3	25° 8	6°41	22°27	25°14	0°51	7° 7	8°R48	7°20	25°28	n.a.	M12
T 13	14 36 52	9°31'24	15°19	4°17	27°39	25°49	6°46	22°23	25°14	0°53	7° 6	8°48	7°17	25°34	n.a.	T 13
W14	14 40 49	10°28'28	27°14	5° 9	28°17	26°30	6°51	22°18	25°14	0°55	7° 4	8°46	7°14	25°41	n.a.	W14
T 15	14 44 46	11°25'32	9♎ 4	5°58	28°55	27°11	6°57	22°14	25°D14	0°57	7° 3	8°42	7°10	25°48	n.a.	T 15
F 16	14 48 42	12°22'35	20°53	6°43	29°35	27°51	7° 2	22°10	25°14	0°59	7° 2	8°35	7° 7	25°54	n.a.	F 16
S 17	14 52 39	13°19'38	2♏44	7°25	0♈16	28°32	7° 7	22° 6	25°14	1° 2	7° 0	8°26	7° 4	26° 1	n.a.	S 17
S 18	14 56 35	14°16'41	14°39	8° 2	0°58	29°13	7°13	22° 1	25°14	1° 4	6°59	8°16	7° 1	26° 8	n.a.	S 18
M19	15 0 32	15°13'44	26°38	8°36	1°41	29°54	7°19	21°57	25°14	1° 6	6°58	8° 4	6°58	26°15	n.a.	M19
T 20	15 4 28	16°10'47	8♐44	9° 5	2°24	0♉34	7°25	21°53	25°14	1° 8	6°57	7°52	6°55	26°21	n.a.	T 20
W21	15 8 25	17° 7'49	20°58	9°30	3° 9	1°15	7°31	21°48	25°15	1°10	6°56	7°41	6°51	26°28	n.a.	W21
T 22	15 12 22	18° 4'52	3♑21	9°51	3°54	1°55	7°37	21°44	25°15	1°12	6°55	7°32	6°48	26°35	n.a.	T 22
F 23	15 16 18	19° 1'55	15°55	10° 7	4°41	2°36	7°44	21°39	25°15	1°15	6°53	7°25	6°45	26°41	n.a.	F 23
S 24	15 20 15	19°58'59	28°43	10°19	5°28	3°16	7°50	21°35	25°16	1°17	6°52	7°21	6°42	26°48	n.a.	S 24
S 25	15 24 11	20°56'03	11♒47	10°26	6°16	3°57	7°57	21°31	25°16	1°19	6°51	7°19	6°39	26°55	n.a.	S 25
M26	15 28 8	21°53'07	25°10	10°R28	7° 5	4°37	8° 4	21°26	25°17	1°21	6°50	7°D19	6°35	27° 1	n.a.	M26
T 27	15 32 4	22°50'11	8♓55	10°26	7°54	5°17	8°11	21°22	25°18	1°23	6°49	7°R19	6°32	27° 8	n.a.	T 27
W28	15 36 1	23°47'16	23° 3	10°19	8°44	5°58	8°18	21°17	25°18	1°26	6°48	7°18	6°29	27°15	n.a.	W28
T 29	15 39 57	24°44'22	7♈33	10° 8	9°35	6°38	8°25	21°13	25°19	1°28	6°47	7°16	6°26	27°21	n.a.	T 29
F 30	15 43 54	25°41'27	22°23	9°52	10°26	7°18	8°32	21° 9	25°20	1°30	6°46	7°11	6°23	27°28	n.a.	F 30
S 31	15 47 51	26♉38'34	7♉27	9♊32	11♈18	7♉58	8♌40	21♏ 4	25♌21	1♊32	6♎45	7♍ 3	6♍20	27♎35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
T 1	10n58	2s 7	1s41	20n 9	2n18	3s13	0n 4	6n45	0s17	20n30	1n27	17s19	1n37	14n 4	0n49	19n28	1s 9	11n 9	15n26	8n 8	8n44	6s 5			n.a.	T 1
F 2	11 19	2n49	2 53	20 32	2 17	3 14	0s 6	7 2	0 16	20 29	1 26	17 18	1 37	14 4	0 49	19 28	1 9	11 9	15 25	8 9	8 46	6 7			n.a.	F 2
S 3	11 40	7 37	3 54	20 54	2 16	3 14	0 16	7 18	0 15	20 28	1 26	17 17	1 37	14 4	0 49	19 29	1 9	11 9	15 25	8 11	8 47	6 9			n.a.	S 3
S 4	12 0	11 55	4 38	21 14	2 14	3 12	0 25	7 35	0 15	20 26	1 26	17 16	1 37	14 4	0 49	19 29	1 9	11 10	15 25	8 14	8 48	6 11			n.a.	S 4
M 5	12 20	15 24	5 2	21 31	2 11	3 10	0 34	7 51	0 14	20 25	1 26	17 15	1 37	14 4	0 48	19 30	1 9	11 10	15 25	8 17	8 49	6 13			n.a.	M 5
T 6	12 40	17 48	5 5	21 47	2 7	3 7	0 42	8 7	0 14	20 24	1 26	17 14	1 37	14 4	0 48	19 30	1 9	11 10	15 24	8 20	8 50	6 15			n.a.	T 6
W 7	13 0	19 0	4 49	22 0	2 3	3 4	0 50	8 24	0 13	20 23	1 25	17 13	1 37	14 4	0 48	19 31	1 9	11 11	15 24	8 22	8 52	6 17			n.a.	W 7
T 8	13 19	19 1	4 17	22 12	1 58	2 59	0 58	8 40	0 12	20 22	1 25	17 12	1 37	14 5	0 48	19 31	1 9	11 11	15 24	8 24	8 53	6 19			n.a.	T 8
F 9	13 39	17 56	3 31	22 21	1 52	2 53	1 6	8 56	0 12	20 20	1 25	17 11	1 37	14 5	0 48	19 31	1 9	11 11	15 23	8 25	8 54	6 21			n.a.	F 9
S 10	13 58	15 57	2 35	22 29	1 45	2 47	1 13	9 12	0 11	20 19	1 25	17 10	1 37	14 5	0 48	19 32	1 9	11 11	15 23	8 25	8 55	6 23			n.a.	S 10
S 11	14 17	13 15	1 34	22 35	1 38	2 40	1 20	9 28	0 11	20 18	1 25	17 9	1 37	14 5	0 48	19 32	1 9	11 12	15 23	8 25	8 56	6 24			n.a.	S 11
M12	14 36	10 1	0 30	22 39	1 30	2 32	1 27	9 44	0 10	20 16	1 24	17 7	1 37	14 5	0 48	19 33	1 9	11 12	15 22	8 24	8 58	6 26			n.a.	M12
T 13	14 54	6 25	0n35	22 41	1 21	2 23	1 34	9 59	0 9	20 15	1 24	17 6	1 37	14 5	0 48	19 33	1 9	11 12	15 22	8 24	8 59	6 28			n.a.	T 13
W14	15 13	2 36	1 37	22 42	1 12	2 13	1 40	10 15	0 9	20 13	1 24	17 5	1 37	14 5	0 48	19 34	1 9	11 12	15 22	8 25	9 0	6 30			n.a.	W14
T 15	15 31	1s18	2 34	22 41	1 2	2 3	1 46	10 31	0 8	20 12	1 24	17 4	1 37	14 5	0 48	19 34	1 9	11 13	15 21	8 27	9 1	6 32			n.a.	T 15
F 16	15 48	5 8	3 25	22 38	0 51	1 52	1 52	10 46	0 8	20 10	1 24	17 3	1 37	14 5	0 48	19 35	1 9	11 13	15 21	8 29	9 2	6 34			n.a.	F 16
S 17	16 6	8 46	4 6	22 34	0 40	1 41	1 57	11 1	0 7	20 8	1 23	17 2	1 37	14 5	0 48	19 35	1 9	11 13	15 21	8 32	9 4	6 36			n.a.	S 17
S 18	16 23	12 5	4 37	22 28	0 28	1 29	2 2	11 17	0 6	20 7	1 23	17 1	1 37	14 5	0 48	19 36	1 9	11 13	15 20	8 37	9 5	6 38			n.a.	S 18
M19	16 40	14 55	4 56	22 21	0 15	1 16	2 7	11 32	0 6	20 5	1 23	17 0	1 37	14 4	0 48	19 36	1 9	11 13	15 20	8 41	9 6	6 40			n.a.	M19
T 20	16 57	17 9	5 2	22 13	0 2	1 2	2 12	11 47	0 5	20 3	1 23	16 59	1 37	14 4	0 48	19 37	1 9	11 13	15 19	8 46	9 7	6 42			n.a.	T 20
W21	17 14	18 38	4 54	22 4	0s11	0 49	2 16	12 2	0 5	20 2	1 23	16 58	1 37	14 4	0 48	19 37	1 9	11 13	15 19	8 50	9 8	6 43			n.a.	W21
T 22	17 30	19 15	4 32	21 53	0 25	0 34	2 21	12 17	0 4	20 0	1 22	16 57	1 37	14 4	0 48	19 37	1 9	11 13	15 19	8 53	9 10	6 45			n.a.	T 22
F 23	17 46	18 57	3 57	21 41	0 40	0 19	2 25	12 31	0 3	19 58	1 22	16 56	1 37	14 4	0 48	19 38	1 9	11 14	15 18	8 56	9 11	6 47			n.a.	F 23
S 24	18 2	17 40	3 10	21 28	0 55	0 4	2 29	12 46	0 3	19 56	1 22	16 55	1 36	14 4	0 48	19 38	1 9	11 14	15 18	8 57	9 12	6 49			n.a.	S 24
S 25	18 17	15 27	2 11	21 14	1 10	0n12	2 32	13 1	0 2	19 54	1 22	16 54	1 36	14 3	0 48	19 39	1 8	11 14	15 17	8 58	9 13	6 51			n.a.	S 25
M26	18 32	12 21	1 4	20 59	1 26	0 29	2 35	13 15	0 2	19 52	1 22	16 52	1 36	14 3	0 48	19 39	1 8	11 14	15 17	8 58	9 14	6 53			n.a.	M26
T 27	18 47	8 29	0s 8	20 43	1 41	0 46	2 39	13 29	0 1	19 50	1 21	16 51	1 36	14 3	0 48	19 40	1 8	11 14	15 17	8 58	9 16	6 55			n.a.	T 27
W28	19 2	4 4	1 22	20 26	1 57	1 3	2 42	13 43	0 0	19 48	1 21	16 50	1 36	14 3	0 47	19 40	1 8	11 14	15 16	8 58	9 17	6 57			n.a.	W28
T 29	19 16	0n43	2 33	20 9	2 13	1 21	2 44	13 58	0n 0	19 46	1 21	16 49	1 36	14 2	0 47	19 41	1 8	11 14	15 16	8 59	9 18	6 59			n.a.	T 29
F 30	19 30	5 33	3 35	19 52	2 28	1 39	2 47	14 12	0 1	19 44	1 21	16 48	1 36	14 2	0 47	19 41	1 8	11 14	15 15	9 1	9 19	7 1			n.a.	F 30
S 31	19n44	10n 6	4s22	19n34	2s43	1n57	2s49	14n25	0n 2	19n42	1n21	16s47	1n36	14n 2	0n47	19n42	1s 8	11n13	15n15	9n 4	9n20	7s 2			n.a.	S 31

Julian Day Number = 1274842.5, Delta T = 08h13m42s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°57'03, Lahiri = -20°50'03 Julian Calendar 1 May 1223 BCE == Greg. Calendar 20 Apr. 1223 BCE

The year -1222 astronomical counting style corresponds to year 1223 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1223 BCE
geocentric

JUNE 1223 BCE (-1222) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 51 47	27♉35'41	22♉34	9°R 8	12♈11	8♉38	8♌47	21°R 0	25♌21	1♊34	6°R44	6°R53	6♍16	27♎42	n.a.	S 1
M 2	15 55 44	28°32'48	7♊36	8♊40	13° 4	9°18	8°55	20♏56	25°22	1°37	6♎44	6♍42	6°13	27°48	n.a.	M 2
T 3	15 59 40	29°29'56	22°23	8° 9	13°58	9°58	9° 3	20°51	25°23	1°39	6°43	6°32	6°10	27°55	n.a.	T 3
W 4	16 3 37	0♊27'04	6♋46	7°35	14°52	10°38	9°11	20°47	25°24	1°41	6°42	6°23	6° 7	28° 2	n.a.	W 4
T 5	16 7 33	1°24'12	20°42	6°59	15°47	11°18	9°19	20°43	25°25	1°43	6°41	6°16	6° 4	28° 8	n.a.	T 5
F 6	16 11 30	2°21'21	4♌ 8	6°21	16°42	11°58	9°27	20°38	25°27	1°46	6°40	6°11	6° 1	28°15	n.a.	F 6
S 7	16 15 27	3°18'29	17° 7	5°41	17°38	12°38	9°35	20°34	25°28	1°48	6°40	6° 9	5°57	28°22	n.a.	S 7
S 8	16 19 23	4°15'38	29°42	5° 1	18°34	13°18	9°44	20°30	25°29	1°50	6°39	6° 9	5°54	28°28	n.a.	S 8
M 9	16 23 20	5°12'48	11♍58	4°22	19°31	13°58	9°52	20°26	25°30	1°52	6°38	6° 9	5°51	28°35	n.a.	M 9
T 10	16 27 16	6° 9'57	24° 0	3°43	20°28	14°37	10° 1	20°22	25°32	1°54	6°38	6° 8	5°48	28°42	n.a.	T 10
W11	16 31 13	7° 7'07	5♎54	3° 5	21°26	15°17	10°10	20°18	25°33	1°57	6°37	6° 6	5°45	28°48	n.a.	W11
T 12	16 35 9	8° 4'18	17°44	2°30	22°24	15°57	10°19	20°13	25°34	1°59	6°37	6° 1	5°41	28°55	n.a.	T 12
F 13	16 39 6	9° 1'28	29°34	1°58	23°22	16°36	10°28	20° 9	25°36	2° 1	6°36	5°54	5°38	29° 2	n.a.	F 13
S 14	16 43 2	9°58'40	11♏27	1°29	24°21	17°16	10°37	20° 5	25°37	2° 3	6°35	5°44	5°35	29° 9	n.a.	S 14
S 15	16 46 59	10°55'52	23°28	1° 4	25°20	17°55	10°46	20° 1	25°39	2° 6	6°35	5°32	5°32	29°15	n.a.	S 15
M16	16 50 56	11°53'05	5♐36	0°44	26°19	18°35	10°55	19°58	25°41	2° 8	6°35	5°19	5°29	29°22	n.a.	M16
T 17	16 54 52	12°50'19	17°53	0°29	27°19	19°14	11° 5	19°54	25°42	2°10	6°34	5° 5	5°26	29°29	n.a.	T 17
W18	16 58 49	13°47'34	0♑21	0°19	28°19	19°53	11°14	19°50	25°44	2°12	6°34	4°53	5°22	29°35	n.a.	W18
T 19	17 2 45	14°44'50	12°58	0°D15	29°20	20°33	11°24	19°46	25°46	2°14	6°33	4°43	5°19	29°42	n.a.	T 19
F 20	17 6 42	15°42'07	25°46	0°17	0♉21	21°12	11°33	19°42	25°48	2°17	6°33	4°36	5°16	29°49	n.a.	F 20
S 21	17 10 38	16°39'25	8♒46	0°24	1°22	21°51	11°43	19°39	25°50	2°19	6°33	4°31	5°13	29°55	n.a.	S 21
S 22	17 14 35	17°36'44	21°59	0°38	2°23	22°30	11°53	19°35	25°51	2°21	6°33	4°29	5°10	0♏ 2	n.a.	S 22
M23	17 18 31	18°34'05	5♓26	0°58	3°25	23° 9	12° 3	19°31	25°53	2°23	6°32	4°D28	5° 7	0° 9	n.a.	M23
T 24	17 22 28	19°31'26	19° 9	1°25	4°27	23°49	12°13	19°28	25°55	2°25	6°32	4°R29	5° 3	0°16	n.a.	T 24
W25	17 26 25	20°28'50	3♈ 9	1°57	5°30	24°28	12°23	19°24	25°57	2°27	6°32	4°28	5° 0	0°22	n.a.	W25
T 26	17 30 21	21°26'14	17°25	2°36	6°32	25° 7	12°33	19°21	26° 0	2°29	6°32	4°26	4°57	0°29	n.a.	T 26
F 27	17 34 18	22°23'40	1♉57	3°21	7°35	25°46	12°43	19°18	26° 2	2°32	6°32	4°21	4°54	0°36	n.a.	F 27
S 28	17 38 14	23°21'08	16°40	4°13	8°38	26°25	12°54	19°14	26° 4	2°34	6°32	4°14	4°51	0°42	n.a.	S 28
S 29	17 42 11	24°18'37	1♊28	5°10	9°42	27° 4	13° 4	19°11	26° 6	2°36	6°D32	4° 5	4°47	0°49	n.a.	S 29
M30	17 46 7	25♊16'07	16♊12	6♊13	10♉46	27♉42	13♌15	19♏ 8	26♌ 8	2♊38	6♎32	3♍55	4♍44	0♏56	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n57	14n 1	4s52	19n15	2s58	2n16	2s51	14n39	0n 2	19n39	1n21	16s46	1n36	14n 1	0n47	19n42	1s 8	11n13	15n14	9n 8	9n22	7s 4		n.a.
M 2	20 10	17 0	5 1	18 57	3 12	2 35	2 53	14 53	0 3	19 37	1 20	16 45	1 36	14 1	0 47	19 43	1 8	11 13	15 14	9 12	9 23	7 6		n.a.
T 3	20 23	18 48	4 50	18 39	3 25	2 55	2 55	15 6	0 3	19 35	1 20	16 44	1 36	14 1	0 47	19 43	1 8	11 13	15 13	9 16	9 24	7 8		n.a.
W 4	20 35	19 20	4 20	18 21	3 38	3 14	2 57	15 20	0 4	19 33	1 20	16 43	1 35	14 0	0 47	19 44	1 8	11 13	15 13	9 19	9 25	7 10		n.a.
T 5	20 47	18 40	3 36	18 4	3 49	3 35	2 58	15 33	0 5	19 30	1 20	16 42	1 35	14 0	0 47	19 44	1 8	11 13	15 12	9 22	9 26	7 12		n.a.
F 6	20 59	16 56	2 41	17 47	4 0	3 55	3 0	15 46	0 5	19 28	1 20	16 41	1 35	13 59	0 47	19 45	1 8	11 13	15 12	9 23	9 27	7 14		n.a.
S 7	21 10	14 24	1 39	17 32	4 9	4 15	3 1	15 59	0 6	19 25	1 20	16 40	1 35	13 59	0 47	19 45	1 8	11 13	15 11	9 24	9 29	7 16		n.a.
S 8	21 21	11 14	0 34	17 17	4 16	4 36	3 2	16 12	0 7	19 23	1 19	16 39	1 35	13 58	0 47	19 45	1 8	11 12	15 11	9 24	9 30	7 18		n.a.
M 9	21 31	7 40	0n31	17 4	4 22	4 57	3 3	16 24	0 7	19 20	1 19	16 38	1 35	13 58	0 47	19 46	1 8	11 12	15 10	9 24	9 31	7 19		n.a.
T 10	21 42	3 50	1 33	16 52	4 27	5 18	3 3	16 37	0 8	19 18	1 19	16 37	1 35	13 58	0 47	19 46	1 8	11 12	15 10	9 25	9 32	7 21		n.a.
W11	21 52	0s 5	2 30	16 43	4 30	5 39	3 4	16 49	0 8	19 15	1 19	16 36	1 35	13 57	0 47	19 47	1 8	11 12	15 9	9 26	9 33	7 23		n.a.
T 12	22 1	3 59	3 21	16 35	4 31	6 1	3 4	17 2	0 9	19 13	1 19	16 35	1 35	13 56	0 47	19 47	1 8	11 12	15 9	9 27	9 35	7 25		n.a.
F 13	22 10	7 43	4 3	16 29	4 31	6 23	3 4	17 14	0 10	19 10	1 19	16 34	1 34	13 56	0 47	19 48	1 8	11 11	15 8	9 30	9 36	7 27		n.a.
S 14	22 19	11 11	4 34	16 25	4 29	6 44	3 4	17 26	0 10	19 7	1 19	16 33	1 34	13 55	0 47	19 48	1 8	11 11	15 8	9 34	9 37	7 29		n.a.
S 15	22 27	14 13	4 54	16 23	4 25	7 6	3 4	17 38	0 11	19 5	1 18	16 32	1 34	13 55	0 47	19 49	1 8	11 11	15 7	9 38	9 38	7 31		n.a.
M16	22 35	16 40	5 0	16 24	4 21	7 28	3 4	17 49	0 12	19 2	1 18	16 31	1 34	13 54	0 47	19 49	1 8	11 10	15 7	9 43	9 39	7 33		n.a.
T 17	22 43	18 25	4 53	16 27	4 14	7 50	3 4	18 1	0 12	18 59	1 18	16 30	1 34	13 54	0 47	19 50	1 8	11 10	15 6	9 48	9 41	7 35		n.a.
W18	22 50	19 19	4 32	16 32	4 7	8 12	3 3	18 13	0 13	18 56	1 18	16 29	1 34	13 53	0 47	19 50	1 8	11 10	15 6	9 53	9 42	7 36		n.a.
T 19	22 57	19 16	3 57	16 40	3 58	8 35	3 3	18 24	0 13	18 54	1 18	16 28	1 34	13 52	0 47	19 50	1 8	11 9	15 5	9 56	9 43	7 38		n.a.
F 20	23 3	18 14	3 9	16 50	3 48	8 57	3 2	18 35	0 14	18 51	1 18	16 27	1 33	13 52	0 47	19 51	1 8	11 9	15 5	9 59	9 44	7 40		n.a.
S 21	23 9	16 15	2 12	17 2	3 37	9 19	3 1	18 46	0 15	18 48	1 18	16 26	1 33	13 51	0 46	19 51	1 8	11 9	15 4	10 1	9 45	7 42		n.a.
S 22	23 15	13 23	1 6	17 17	3 25	9 41	3 0	18 57	0 15	18 45	1 17	16 26	1 33	13 50	0 46	19 52	1 8	11 8	15 3	10 2	9 46	7 44		n.a.
M23	23 20	9 45	0s 5	17 33	3 13	10 4	2 59	19 8	0 16	18 42	1 17	16 25	1 33	13 50	0 46	19 52	1 8	11 8	15 3	10 2	9 48	7 46		n.a.
T 24	23 25	5 33	1 17	17 51	3 0	10 26	2 58	19 18	0 17	18 39	1 17	16 24	1 33	13 49	0 46	19 53	1 8	11 7	15 2	10 2	9 49	7 48		n.a.
W25	23 29	0 57	2 26	18 11	2 46	10 48	2 56	19 29	0 17	18 36	1 17	16 23	1 33	13 48	0 46	19 53	1 8	11 7	15 2	10 2	9 50	7 50		n.a.
T 26	23 33	3n46	3 27	18 33	2 32	11 10	2 55	19 39	0 18	18 33	1 17	16 22	1 33	13 47	0 46	19 53	1 8	11 6	15 1	10 3	9 51	7 52		n.a.
F 27	23 37	8 21	4 16	18 55	2 18	11 32	2 54	19 49	0 18	18 30	1 17	16 22	1 32	13 47	0 46	19 54	1 8	11 6	15 1	10 4	9 52	7 53		n.a.
S 28	23 40	12 29	4 48	19 20	2 3	11 54	2 52	19 59	0 19	18 27	1 17	16 21	1 32	13 46	0 46	19 54	1 8	11 5	15 0	10 7	9 54	7 55		n.a.
S 29	23 43	15 52	5 2	19 45	1 48	12 16	2 50	20 9	0 20	18 24	1 17	16 20	1 32	13 45	0 46	19 55	1 8	11 5	15 0	10 10	9 55	7 57		n.a.
M30	23n45	18n13	4s56	20n10	1s33	12n38	2s48	20n18	0n20	18n20	1n16	16s19	1n32	13n44	0n46	19n55	1s 8	11n 4	14n59	10n14	9n56	7s59		n.a.

Julian Day Number = 1274873.5, Delta T = 08h13m40s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'59, Lahiri = -20°49'58 Julian Calendar 1 June 1223 BCE == Greg. Calendar 21 May 1223 BCE

The year -1222 astronomical counting style corresponds to year 1223 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1223 BCE
geocentric

JULY 1223 BCE (-1222) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 50 4	26♊13'39	0♋45	7♊23	11♉49	28♉21	13♌25	19°R 5	26♌11	2♊40	6♎32	3°R45	4♍41	1♏ 2	n.a.	T 1
W 2	17 54 1	27°11'12	15° 0	8°37	12°54	29° 0	13°36	19♏ 2	26°13	2°42	6°32	3♍36	4°38	1° 9	n.a.	W 2
T 3	17 57 57	28° 8'47	28°50	9°57	13°58	29°39	13°47	18°59	26°15	2°44	6°32	3°29	4°35	1°16	n.a.	T 3
F 4	18 1 54	29° 6'22	12♌16	11°22	15° 3	0♊18	13°58	18°56	26°18	2°46	6°32	3°25	4°32	1°23	n.a.	F 4
S 5	18 5 50	0♋ 3'59	25°15	12°52	16° 8	0°56	14° 9	18°54	26°20	2°48	6°32	3°23	4°28	1°29	n.a.	S 5
S 6	18 9 47	1° 1'37	7♍52	14°27	17°13	1°35	14°20	18°51	26°23	2°50	6°33	3°D23	4°25	1°36	n.a.	S 6
M 7	18 13 43	1°59'16	20°10	16° 6	18°18	2°13	14°31	18°48	26°25	2°52	6°33	3°24	4°22	1°43	n.a.	M 7
T 8	18 17 40	2°56'56	2♎14	17°48	19°23	2°52	14°42	18°46	26°28	2°54	6°33	3°R24	4°19	1°49	n.a.	T 8
W 9	18 21 36	3°54'37	14° 9	19°34	20°29	3°30	14°53	18°43	26°31	2°56	6°34	3°23	4°16	1°56	n.a.	W 9
T 10	18 25 33	4°52'20	26° 0	21°23	21°35	4° 9	15° 5	18°41	26°33	2°58	6°34	3°21	4°13	2° 3	n.a.	T 10
F 11	18 29 30	5°50'04	7♏52	23°15	22°41	4°47	15°16	18°39	26°36	3° 0	6°34	3°16	4° 9	2° 9	n.a.	F 11
S 12	18 33 26	6°47'49	19°49	25° 9	23°47	5°26	15°27	18°36	26°39	3° 2	6°35	3°10	4° 6	2°16	n.a.	S 12
S 13	18 37 23	7°45'36	1♐55	27° 5	24°54	6° 4	15°39	18°34	26°42	3° 4	6°35	3° 1	4° 3	2°23	n.a.	S 13
M14	18 41 19	8°43'24	14°12	29° 2	26° 0	6°42	15°50	18°32	26°44	3° 6	6°36	2°52	4° 0	2°30	n.a.	M14
T 15	18 45 16	9°41'14	26°42	1♑ 1	27° 7	7°20	16° 2	18°30	26°47	3° 8	6°36	2°42	3°57	2°36	n.a.	T 15
W16	18 49 12	10°39'05	9♑25	3° 0	28°14	7°59	16°14	18°28	26°50	3°10	6°37	2°33	3°53	2°43	n.a.	W16
T 17	18 53 9	11°36'58	22°21	5° 0	29°21	8°37	16°25	18°27	26°53	3°11	6°38	2°26	3°50	2°50	n.a.	T 17
F 18	18 57 5	12°34'53	5♒30	6°59	0♊28	9°15	16°37	18°25	26°56	3°13	6°38	2°20	3°47	2°56	n.a.	F 18
S 19	19 1 2	13°32'50	18°50	8°59	1°36	9°53	16°49	18°23	26°59	3°15	6°39	2°17	3°44	3° 3	n.a.	S 19
S 20	19 4 59	14°30'48	2♓22	10°59	2°44	10°31	17° 1	18°22	27° 2	3°17	6°40	2°D17	3°41	3°10	n.a.	S 20
M21	19 8 55	15°28'49	16° 3	12°57	3°51	11° 9	17°13	18°20	27° 5	3°19	6°40	2°17	3°38	3°17	n.a.	M21
T 22	19 12 52	16°26'51	29°54	14°56	4°59	11°47	17°25	18°19	27° 8	3°20	6°41	2°18	3°34	3°23	n.a.	T 22
W23	19 16 48	17°24'56	13♈56	16°53	6° 8	12°25	17°37	18°18	27°11	3°22	6°42	2°R19	3°31	3°30	n.a.	W23
T 24	19 20 45	18°23'03	28° 5	18°50	7°16	13° 3	17°49	18°17	27°14	3°24	6°43	2°19	3°28	3°37	n.a.	T 24
F 25	19 24 41	19°21'12	12♉22	20°46	8°24	13°41	18° 1	18°16	27°18	3°26	6°44	2°17	3°25	3°43	n.a.	F 25
S 26	19 28 38	20°19'23	26°44	22°40	9°33	14°19	18°13	18°15	27°21	3°27	6°44	2°13	3°22	3°50	n.a.	S 26
S 27	19 32 34	21°17'36	11♊ 6	24°34	10°42	14°56	18°26	18°14	27°24	3°29	6°45	2° 8	3°19	3°57	n.a.	S 27
M28	19 36 31	22°15'52	25°24	26°26	11°51	15°34	18°38	18°13	27°27	3°30	6°46	2° 1	3°15	4° 3	n.a.	M28
T 29	19 40 27	23°14'10	9♋32	28°17	13° 0	16°12	18°50	18°12	27°31	3°32	6°47	1°55	3°12	4°10	n.a.	T 29
W30	19 44 24	24°12'29	23°26	0♌ 8	14° 9	16°50	19° 3	18°12	27°34	3°34	6°48	1°50	3° 9	4°17	n.a.	W30
T 31	19 48 21	25♋10'51	7♌ 2	1♌57	15♊18	17♊27	19♌15	18♏11	27♌37	3♊35	6♎49	1♍46	3♍ 6	4♏24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n47	19n20	4s30	20n37	1s19	13n 0	2s46	20n28	0n21	18n17	1n16	16s19	1n32	13n43	0n46	19n55	1s 8	11n 4	14n58	10n18	9n57	8s 1			n.a.
W 2	23 48	19 12	3 48	21 3	1 4	13 21	2 44	20 37	0 22	18 14	1 16	16 18	1 32	13 42	0 46	19 56	1 8	11 3	14 58	10 21	9 58	8 3			n.a.
T 3	23 49	17 55	2 53	21 30	0 50	13 43	2 42	20 46	0 22	18 11	1 16	16 18	1 31	13 42	0 46	19 56	1 8	11 3	14 57	10 24	9 59	8 5			n.a.
F 4	23 50	15 39	1 50	21 56	0 35	14 4	2 40	20 55	0 23	18 7	1 16	16 17	1 31	13 41	0 46	19 57	1 8	11 2	14 57	10 25	10 1	8 7			n.a.
S 5	23 50	12 38	0 43	22 22	0 22	14 25	2 38	21 4	0 24	18 4	1 16	16 16	1 31	13 40	0 46	19 57	1 8	11 2	14 56	10 26	10 2	8 8			n.a.
S 6	23 50	9 8	0n24	22 47	0 8	14 46	2 36	21 13	0 24	18 1	1 16	16 16	1 31	13 39	0 46	19 57	1 8	11 1	14 56	10 26	10 3	8 10			n.a.
M 7	23 49	5 19	1 29	23 10	0n 4	15 7	2 33	21 21	0 25	17 57	1 16	16 15	1 31	13 38	0 46	19 58	1 8	11 0	14 55	10 26	10 4	8 12			n.a.
T 8	23 48	1 21	2 28	23 33	0 17	15 27	2 31	21 30	0 25	17 54	1 16	16 15	1 30	13 37	0 46	19 58	1 8	11 0	14 54	10 25	10 5	8 14			n.a.
W 9	23 47	2s36	3 20	23 53	0 28	15 47	2 28	21 38	0 26	17 50	1 15	16 14	1 30	13 36	0 46	19 59	1 8	10 59	14 54	10 26	10 6	8 16			n.a.
T 10	23 45	6 26	4 3	24 12	0 39	16 7	2 26	21 46	0 27	17 47	1 15	16 14	1 30	13 35	0 46	19 59	1 8	10 58	14 53	10 27	10 8	8 18			n.a.
F 11	23 42	10 1	4 36	24 29	0 49	16 27	2 23	21 54	0 27	17 43	1 15	16 13	1 30	13 34	0 46	19 59	1 8	10 58	14 53	10 28	10 9	8 20			n.a.
S 12	23 40	13 13	4 57	24 43	0 58	16 46	2 20	22 1	0 28	17 40	1 15	16 13	1 30	13 33	0 46	20 0	1 8	10 57	14 52	10 31	10 10	8 22			n.a.
S 13	23 36	15 54	5 5	24 55	1 7	17 5	2 17	22 9	0 29	17 36	1 15	16 12	1 30	13 32	0 46	20 0	1 8	10 56	14 52	10 34	10 11	8 23			n.a.
M14	23 33	17 56	4 59	25 5	1 14	17 24	2 14	22 16	0 29	17 33	1 15	16 12	1 29	13 31	0 46	20 0	1 8	10 56	14 51	10 37	10 12	8 25			n.a.
T 15	23 29	19 8	4 39	25 11	1 21	17 42	2 11	22 23	0 30	17 29	1 15	16 12	1 29	13 30	0 46	20 1	1 8	10 55	14 51	10 41	10 14	8 27			n.a.
W16	23 24	19 25	4 5	25 15	1 27	18 1	2 8	22 30	0 31	17 25	1 15	16 11	1 29	13 29	0 46	20 1	1 8	10 54	14 50	10 44	10 15	8 29			n.a.
T 17	23 19	18 42	3 18	25 17	1 33	18 18	2 5	22 37	0 31	17 22	1 15	16 11	1 29	13 28	0 46	20 1	1 8	10 53	14 49	10 47	10 16	8 31			n.a.
F 18	23 14	16 58	2 19	25 16	1 37	18 36	2 2	22 44	0 32	17 18	1 15	16 11	1 29	13 27	0 46	20 2	1 8	10 53	14 49	10 49	10 17	8 33			n.a.
S 19	23 8	14 17	1 12	25 12	1 41	18 53	1 59	22 50	0 33	17 14	1 15	16 10	1 28	13 26	0 46	20 2	1 8	10 52	14 48	10 50	10 18	8 35			n.a.
S 20	23 2	10 49	0s 0	25 6	1 43	19 9	1 56	22 57	0 33	17 11	1 15	16 10	1 28	13 25	0 46	20 3	1 8	10 51	14 48	10 50	10 19	8 36			n.a.
M21	22 55	6 43	1 14	24 57	1 46	19 26	1 53	23 3	0 34	17 7	1 15	16 10	1 28	13 24	0 45	20 3	1 8	10 50	14 47	10 50	10 21	8 38			n.a.
T 22	22 48	2 14	2 24	24 45	1 47	19 41	1 50	23 9	0 35	17 3	1 14	16 10	1 28	13 23	0 45	20 3	1 8	10 50	14 47	10 50	10 22	8 40			n.a.
W23	22 41	2n26	3 26	24 32	1 48	19 57	1 46	23 14	0 35	16 59	1 14	16 10	1 28	13 22	0 45	20 3	1 9	10 49	14 46	10 49	10 23	8 42			n.a.
T 24	22 33	6 59	4 16	24 16	1 48	20 12	1 43	23 20	0 36	16 55	1 14	16 10	1 27	13 20	0 45	20 4	1 9	10 48	14 46	10 49	10 24	8 44			n.a.
F 25	22 25	11 11	4 51	23 58	1 47	20 26	1 40	23 26	0 37	16 52	1 14	16 9	1 27	13 19	0 45	20 4	1 9	10 47	14 45	10 50	10 25	8 46			n.a.
S 26	22 16	14 45	5 8	23 39	1 46	20 40	1 36	23 31	0 37	16 48	1 14	16 9	1 27	13 18	0 45	20 4	1 9	10 46	14 44	10 52	10 26	8 48			n.a.
S 27	22 7	17 26	5 6	23 17	1 45	20 54	1 33	23 36	0 38	16 44	1 14	16 9	1 27	13 17	0 45	20 5	1 9	10 45	14 44	10 53	10 28	8 50			n.a.
M28	21 58	19 1	4 44	22 54	1 43	21 7	1 29	23 41	0 38	16 40	1 14	16 9	1 27	13 16	0 45	20 5	1 9	10 44	14 43	10 56	10 29	8 51			n.a.
T 29	21 48	19 24	4 6	22 29	1 40	21 19	1 26	23 45	0 39	16 36	1 14	16 9	1 26	13 15	0 45	20 5	1 9	10 44	14 43	10 58	10 30	8 53			n.a.
W30	21 38	18 36	3 13	22 2	1 37	21 31	1 22	23 50	0 40	16 32	1 14	16 9	1 26	13 14	0 45	20 6	1 9	10 43	14 42	11 0	10 31	8 55			n.a.
T 31	21n27	16n43	2s10	21n35	1n34	21n42	1s19	23n54	0n40	16n28	1n14	16s 9	1n26	13n12	0n45	20n 6	1s 9	10n42	14n42	11n 1	10n32	8s57			n.a.

Julian Day Number = 1274903.5, Delta T = 08h13m38s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'55, Lahiri = -20°49'54 Julian Calendar 1 July 1223 BCE == Greg. Calendar 20 June 1223 BCE

The year -1222 astronomical counting style corresponds to year 1223 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1223 BCE
geocentric

AUGUST 1223 BCE (-1222) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 52 17	26♋ 9'14	20♌17	3♌44	16♊28	18♊ 5	19♌28	18°R11	27♌41	3♊37	6♎51	1°R44	3♍ 3	4♏30	n.a.	F 1
S 2	19 56 14	27° 7'40	3♍11	5°31	17°37	18°42	19°40	18♏11	27°44	3°38	6°52	1°D43	2°59	4°37	n.a.	S 2
S 3	20 0 10	28° 6'07	15°46	7°17	18°47	19°20	19°53	18°10	27°47	3°40	6°53	1♍44	2°56	4°44	n.a.	S 3
M 4	20 4 7	29° 4'36	28° 4	9° 1	19°57	19°57	20° 5	18°D10	27°51	3°41	6°54	1°45	2°53	4°50	n.a.	M 4
T 5	20 8 3	0♌ 3'06	10♎ 9	10°44	21° 7	20°35	20°18	18°10	27°54	3°42	6°55	1°47	2°50	4°57	n.a.	T 5
W 6	20 12 0	1° 1'39	22° 5	12°26	22°17	21°12	20°30	18°10	27°58	3°44	6°57	1°48	2°47	5° 4	n.a.	W 6
T 7	20 15 56	2° 0'13	3♏57	14° 7	23°27	21°49	20°43	18°11	28° 1	3°45	6°58	1°R49	2°44	5°11	n.a.	T 7
F 8	20 19 53	2°58'49	15°50	15°47	24°37	22°26	20°56	18°11	28° 5	3°47	6°59	1°48	2°40	5°17	n.a.	F 8
S 9	20 23 50	3°57'27	27°49	17°26	25°48	23° 4	21° 9	18°11	28° 8	3°48	7° 0	1°46	2°37	5°24	n.a.	S 9
S 10	20 27 46	4°56'07	9♐58	19° 4	26°58	23°41	21°21	18°12	28°12	3°49	7° 2	1°43	2°34	5°31	n.a.	S 10
M11	20 31 43	5°54'49	22°20	20°41	28° 9	24°18	21°34	18°12	28°16	3°50	7° 3	1°39	2°31	5°37	n.a.	M11
T 12	20 35 39	6°53'33	4♑58	22°17	29°20	24°55	21°47	18°13	28°19	3°52	7° 5	1°35	2°28	5°44	n.a.	T 12
W13	20 39 36	7°52'19	17°55	23°52	0♋31	25°32	22° 0	18°14	28°23	3°53	7° 6	1°31	2°25	5°51	n.a.	W13
T 14	20 43 32	8°51'06	1♒ 9	25°26	1°42	26° 9	22°13	18°15	28°26	3°54	7° 8	1°28	2°21	5°58	n.a.	T 14
F 15	20 47 29	9°49'56	14°39	26°58	2°53	26°46	22°26	18°16	28°30	3°55	7° 9	1°26	2°18	6° 4	n.a.	F 15
S 16	20 51 25	10°48'48	28°25	28°30	4° 4	27°23	22°38	18°17	28°34	3°56	7°11	1°D25	2°15	6°11	n.a.	S 16
S 17	20 55 22	11°47'43	12♓22	0♍ 1	5°15	28° 0	22°51	18°18	28°37	3°57	7°12	1°26	2°12	6°18	n.a.	S 17
M18	20 59 18	12°46'39	26°28	1°31	6°27	28°37	23° 4	18°19	28°41	3°58	7°14	1°27	2° 9	6°24	n.a.	M18
T 19	21 3 15	13°45'38	10♈40	3° 0	7°38	29°13	23°17	18°21	28°45	3°59	7°15	1°28	2° 5	6°31	n.a.	T 19
W20	21 7 12	14°44'39	24°54	4°28	8°50	29°50	23°30	18°22	28°49	4° 0	7°17	1°29	2° 2	6°38	n.a.	W20
T 21	21 11 8	15°43'43	9♉ 9	5°55	10° 2	0♋27	23°43	18°24	28°52	4° 1	7°19	1°30	1°59	6°44	n.a.	T 21
F 22	21 15 5	16°42'49	23°20	7°21	11°14	1° 4	23°56	18°25	28°56	4° 2	7°20	1°R30	1°56	6°51	n.a.	F 22
S 23	21 19 1	17°41'58	7♊27	8°45	12°25	1°40	24° 9	18°27	29° 0	4° 3	7°22	1°29	1°53	6°58	n.a.	S 23
S 24	21 22 58	18°41'10	21°27	10° 9	13°38	2°17	24°22	18°29	29° 3	4° 4	7°24	1°28	1°50	7° 5	n.a.	S 24
M25	21 26 54	19°40'24	5♋18	11°32	14°50	2°53	24°36	18°31	29° 7	4° 5	7°26	1°26	1°46	7°11	n.a.	M25
T 26	21 30 51	20°39'40	18°58	12°54	16° 2	3°30	24°49	18°33	29°11	4° 6	7°28	1°25	1°43	7°18	n.a.	T 26
W27	21 34 47	21°38'59	2♌25	14°14	17°14	4° 6	25° 2	18°35	29°15	4° 7	7°29	1°24	1°40	7°25	n.a.	W27
T 28	21 38 44	22°38'19	15°38	15°33	18°27	4°42	25°15	18°37	29°19	4° 7	7°31	1°23	1°37	7°31	n.a.	T 28
F 29	21 42 40	23°37'43	28°36	16°51	19°39	5°19	25°28	18°40	29°22	4° 8	7°33	1°D22	1°34	7°38	n.a.	F 29
S 30	21 46 37	24°37'08	11♍18	18° 8	20°52	5°55	25°41	18°42	29°26	4° 9	7°35	1°23	1°30	7°45	n.a.	S 30
S 31	21 50 34	25♌36'35	23♍45	19♍23	22♋ 5	6♋31	25♌54	18♏44	29♌30	4♊ 9	7♎37	1♍23	1♍27	7♏52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n16	13n59	1s 2	21n 6	1n30	21n53	1s15	23n58	0n41	16n24	1n14	16s10	1n26	13n11	0n45	20n 6	1s 9	10n41	14n41	11n 2	10n33	8s59		n.a.
S 2	21 5	10 38	0n 8	20 35	1 26	22 4	1 12	24 3	0 42	16 20	1 14	16 10	1 25	13 10	0 45	20 6	1 9	10 40	14 41	11 2	10 35	9 1		n.a.
S 3	20 53	6 52	1 16	20 4	1 21	22 13	1 8	24 6	0 42	16 16	1 14	16 10	1 25	13 9	0 45	20 7	1 9	10 39	14 40	11 2	10 36	9 3		n.a.
M 4	20 41	2 54	2 19	19 32	1 17	22 23	1 5	24 10	0 43	16 12	1 14	16 10	1 25	13 7	0 45	20 7	1 9	10 38	14 40	11 2	10 37	9 4		n.a.
T 5	20 29	1s 6	3 15	18 59	1 11	22 31	1 1	24 13	0 44	16 7	1 14	16 10	1 25	13 6	0 45	20 7	1 9	10 37	14 39	11 1	10 38	9 6		n.a.
W 6	20 16	5 1	4 1	18 24	1 6	22 39	0 57	24 17	0 44	16 3	1 14	16 10	1 25	13 5	0 45	20 7	1 9	10 36	14 39	11 0	10 39	9 8		n.a.
T 7	20 3	8 42	4 37	17 50	1 0	22 47	0 54	24 20	0 45	15 59	1 14	16 11	1 24	13 4	0 45	20 8	1 9	10 35	14 38	11 0	10 40	9 10		n.a.
F 8	19 49	12 3	5 1	17 14	0 55	22 53	0 50	24 23	0 46	15 55	1 14	16 11	1 24	13 2	0 45	20 8	1 9	10 34	14 38	11 1	10 42	9 12		n.a.
S 9	19 35	14 55	5 13	16 38	0 49	22 59	0 47	24 26	0 46	15 51	1 14	16 11	1 24	13 1	0 45	20 8	1 9	10 33	14 37	11 1	10 43	9 14		n.a.
S 10	19 21	17 12	5 10	16 1	0 42	23 5	0 43	24 28	0 47	15 47	1 14	16 12	1 24	13 0	0 45	20 8	1 9	10 32	14 37	11 3	10 44	9 15		n.a.
M11	19 6	18 44	4 53	15 24	0 36	23 10	0 40	24 31	0 48	15 42	1 14	16 12	1 24	12 59	0 45	20 9	1 9	10 31	14 36	11 4	10 45	9 17		n.a.
T 12	18 51	19 23	4 22	14 46	0 29	23 14	0 36	24 33	0 48	15 38	1 14	16 12	1 23	12 57	0 45	20 9	1 9	10 30	14 36	11 5	10 46	9 19		n.a.
W13	18 36	19 2	3 37	14 8	0 22	23 18	0 32	24 35	0 49	15 34	1 14	16 13	1 23	12 56	0 45	20 9	1 9	10 29	14 35	11 7	10 47	9 21		n.a.
T 14	18 21	17 39	2 39	13 30	0 15	23 21	0 29	24 37	0 50	15 30	1 13	16 13	1 23	12 55	0 45	20 9	1 9	10 28	14 35	11 8	10 48	9 23		n.a.
F 15	18 5	15 15	1 31	12 51	0 8	23 23	0 25	24 38	0 51	15 25	1 13	16 14	1 23	12 54	0 45	20 9	1 9	10 27	14 34	11 9	10 50	9 25		n.a.
S 16	17 49	11 58	0 17	12 12	0 1	23 24	0 22	24 40	0 51	15 21	1 13	16 14	1 23	12 52	0 45	20 10	1 9	10 26	14 34	11 9	10 51	9 27		n.a.
S 17	17 32	7 57	1s 0	11 33	0s 6	23 25	0 19	24 41	0 52	15 17	1 13	16 15	1 22	12 51	0 45	20 10	1 9	10 25	14 33	11 9	10 52	9 28		n.a.
M18	17 15	3 28	2 14	10 54	0 14	23 26	0 15	24 42	0 53	15 12	1 13	16 15	1 22	12 50	0 45	20 10	1 9	10 24	14 33	11 8	10 53	9 30		n.a.
T 19	16 58	1n14	3 20	10 15	0 21	23 25	0 12	24 43	0 53	15 8	1 13	16 16	1 22	12 48	0 45	20 10	1 9	10 23	14 32	11 8	10 54	9 32		n.a.
W20	16 41	5 52	4 14	9 36	0 29	23 24	0 8	24 44	0 54	15 4	1 13	16 16	1 22	12 47	0 45	20 10	1 9	10 22	14 32	11 7	10 55	9 34		n.a.
T 21	16 23	10 10	4 53	8 56	0 36	23 22	0 5	24 45	0 55	14 59	1 13	16 17	1 22	12 46	0 45	20 10	1 9	10 21	14 31	11 7	10 57	9 36		n.a.
F 22	16 5	13 52	5 13	8 17	0 44	23 20	0 2	24 45	0 55	14 55	1 13	16 18	1 21	12 44	0 45	20 10	1 9	10 20	14 31	11 7	10 58	9 38		n.a.
S 23	15 47	16 45	5 14	7 38	0 51	23 17	0n 2	24 46	0 56	14 50	1 13	16 18	1 21	12 43	0 45	20 11	1 9	10 19	14 31	11 7	10 59	9 39		n.a.
S 24	15 28	18 37	4 57	6 59	0 59	23 13	0 5	24 46	0 57	14 46	1 13	16 19	1 21	12 42	0 45	20 11	1 9	10 18	14 30	11 8	11 0	9 41		n.a.
M25	15 10	19 21	4 23	6 20	1 6	23 8	0 8	24 46	0 57	14 42	1 13	16 20	1 21	12 40	0 45	20 11	1 9	10 16	14 30	11 8	11 1	9 43		n.a.
T 26	14 51	18 56	3 34	5 41	1 14	23 3	0 11	24 46	0 58	14 37	1 13	16 21	1 21	12 39	0 45	20 11	1 9	10 15	14 29	11 9	11 2	9 45		n.a.
W27	14 31	17 27	2 34	5 3	1 22	22 57	0 15	24 45	0 59	14 33	1 13	16 21	1 20	12 38	0 45	20 11	1 9	10 14	14 29	11 9	11 3	9 47		n.a.
T 28	14 12	15 3	1 26	4 25	1 29	22 50	0 18	24 45	1 0	14 28	1 13	16 22	1 20	12 36	0 45	20 11	1 9	10 13	14 29	11 10	11 5	9 49		n.a.
F 29	13 52	11 55	0 15	3 48	1 37	22 43	0 21	24 44	1 0	14 24	1 14	16 23	1 20	12 35	0 45	20 11	1 9	10 12	14 28	11 10	11 6	9 50		n.a.
S 30	13 32	8 17	0n55	3 11	1 44	22 35	0 24	24 43	1 1	14 19	1 14	16 24	1 20	12 33	0 45	20 11	1 9	10 11	14 28	11 10	11 7	9 52		n.a.
S 31	13n12	4n22	2n 1	2n34	1s51	22n26	0n27	24n42	1n 2	14n15	1n14	16s25	1n20	12n32	0n45	20n12	1s 9	10n10	14n27	11n10	11n 8	9s54		n.a.

Julian Day Number = 1274934.5, Delta T = 08h13m37s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'51, Lahiri = -20°49'50 Julian Calendar 1 Aug. 1223 BCE == Greg. Calendar 21 July 1223 BCE

The year -1222 astronomical counting style corresponds to year 1223 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1223 BCE
geocentric

SEPTEMBER 1223 BCE (-1222) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 54 30	26♌36'04	5♎59	20♍37	23♋17	7♋ 7	26♌ 7	18♏47	29♌34	4♊10	7♎39	1♍23	1♍24	7♏58	n.a.	M 1
T 2	21 58 27	27°35'36	18° 2	21°49	24°30	7°44	26°20	18°50	29°38	4°10	7°41	1°24	1°21	8° 5	n.a.	T 2
W 3	22 2 23	28°35'09	29°58	22°59	25°43	8°20	26°33	18°52	29°41	4°11	7°43	1°24	1°18	8°12	n.a.	W 3
T 4	22 6 20	29°34'44	11♏50	24° 7	26°56	8°56	26°46	18°55	29°45	4°12	7°45	1°25	1°15	8°18	n.a.	T 4
F 5	22 10 16	0♍34'21	23°42	25°14	28° 9	9°32	27° 0	18°58	29°49	4°12	7°47	1°25	1°11	8°25	n.a.	F 5
S 6	22 14 13	1°34'00	5♐40	26°18	29°22	10° 7	27°13	19° 1	29°53	4°12	7°49	1°25	1° 8	8°32	n.a.	S 6
S 7	22 18 9	2°33'42	17°47	27°20	0♌36	10°43	27°26	19° 4	29°57	4°13	7°51	1°25	1° 5	8°39	n.a.	S 7
M 8	22 22 6	3°33'25	0♑ 9	28°19	1°49	11°19	27°39	19° 8	0♍ 0	4°13	7°53	1°25	1° 2	8°45	n.a.	M 8
T 9	22 26 3	4°33'09	12°49	29°15	3° 2	11°55	27°52	19°11	0° 4	4°14	7°55	1°25	0°59	8°52	n.a.	T 9
W10	22 29 59	5°32'56	25°50	0♎ 8	4°16	12°30	28° 5	19°14	0° 8	4°14	7°57	1°26	0°56	8°59	n.a.	W10
T 11	22 33 56	6°32'45	9♒14	0°58	5°29	13° 6	28°18	19°18	0°12	4°14	7°59	1°26	0°52	9° 5	n.a.	T 11
F 12	22 37 52	7°32'35	23° 1	1°43	6°43	13°42	28°31	19°21	0°16	4°14	8° 1	1°26	0°49	9°12	n.a.	F 12
S 13	22 41 49	8°32'28	7♓ 8	2°25	7°56	14°17	28°44	19°25	0°19	4°15	8° 4	1°R26	0°46	9°19	n.a.	S 13
S 14	22 45 45	9°32'23	21°32	3° 1	9°10	14°53	28°57	19°29	0°23	4°15	8° 6	1°26	0°43	9°26	n.a.	S 14
M15	22 49 42	10°32'19	6♈ 7	3°33	10°24	15°28	29°10	19°32	0°27	4°15	8° 8	1°25	0°40	9°32	n.a.	M15
T 16	22 53 38	11°32'18	20°47	3°58	11°38	16° 3	29°23	19°36	0°31	4°15	8°10	1°24	0°36	9°39	n.a.	T 16
W17	22 57 35	12°32'19	5♉26	4°18	12°52	16°38	29°36	19°40	0°34	4°15	8°12	1°23	0°33	9°46	n.a.	W17
T 18	23 1 31	13°32'23	19°56	4°30	14° 6	17°14	29°49	19°44	0°38	4°15	8°15	1°22	0°30	9°52	n.a.	T 18
F 19	23 5 28	14°32'29	4♊15	4°R35	15°20	17°49	0♍ 2	19°48	0°42	4°R15	8°17	1°21	0°27	9°59	n.a.	F 19
S 20	23 9 25	15°32'37	18°19	4°32	16°34	18°24	0°15	19°53	0°46	4°15	8°19	1°D21	0°24	10° 6	n.a.	S 20
S 21	23 13 21	16°32'48	2♋ 8	4°20	17°48	18°59	0°27	19°57	0°49	4°15	8°21	1°21	0°21	10°13	n.a.	S 21
M22	23 17 18	17°33'01	15°40	4° 0	19° 2	19°34	0°40	20° 1	0°53	4°15	8°24	1°22	0°17	10°19	n.a.	M22
T 23	23 21 14	18°33'16	28°57	3°30	20°17	20° 9	0°53	20° 6	0°57	4°15	8°26	1°23	0°14	10°26	n.a.	T 23
W24	23 25 11	19°33'33	11♌59	2°50	21°31	20°44	1° 6	20°10	1° 0	4°15	8°28	1°25	0°11	10°33	n.a.	W24
T 25	23 29 7	20°33'52	24°48	2° 1	22°45	21°18	1°19	20°15	1° 4	4°14	8°31	1°26	0° 8	10°39	n.a.	T 25
F 26	23 33 4	21°34'13	7♍25	1° 4	24° 0	21°53	1°31	20°19	1° 8	4°14	8°33	1°R26	0° 5	10°46	n.a.	F 26
S 27	23 37 0	22°34'36	19°51	29♍58	25°14	22°28	1°44	20°24	1°11	4°14	8°35	1°25	0° 1	10°53	n.a.	S 27
S 28	23 40 57	23°35'01	2♎ 7	28°46	26°29	23° 2	1°57	20°29	1°15	4°14	8°38	1°22	29♌58	11° 0	n.a.	S 28
M29	23 44 53	24°35'28	14°14	27°30	27°43	23°37	2° 9	20°34	1°18	4°13	8°40	1°19	29°55	11° 6	n.a.	M29
T 30	23 48 50	25♍35'56	26♎13	26♍11	28♌58	24♋11	2♍22	20♏39	1♍22	4♊13	8♎42	1♍15	29♌52	11♏13	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n51	0n20	3n 0	1n58	1s58	22n17	0n30	24n41	1n 2	14n10	1n14	16s26	1n19	12n31	0n45	20n12	1s 9	10n 9	14n27	11n 9	11n 9	9s56		n.a.
T 2	12 31	3s38	3 51	1 23	2 5	22 7	0 33	24 39	1 3	14 6	1 14	16 27	1 19	12 29	0 45	20 12	1 9	10 8	14 27	11 9	11 10	9 58		n.a.
W 3	12 10	7 25	4 31	0 49	2 12	21 56	0 36	24 38	1 4	14 1	1 14	16 28	1 19	12 28	0 45	20 12	1 10	10 7	14 26	11 9	11 12	10 0		n.a.
T 4	11 49	10 54	4 59	0 15	2 19	21 45	0 38	24 36	1 4	13 57	1 14	16 29	1 19	12 27	0 45	20 12	1 10	10 5	14 26	11 9	11 13	10 1		n.a.
F 5	11 27	13 56	5 15	0s17	2 25	21 33	0 41	24 34	1 5	13 52	1 14	16 30	1 19	12 25	0 45	20 12	1 10	10 4	14 26	11 9	11 14	10 3		n.a.
S 6	11 6	16 25	5 17	0 49	2 32	21 20	0 44	24 32	1 6	13 48	1 14	16 31	1 18	12 24	0 45	20 12	1 10	10 3	14 25	11 9	11 15	10 5		n.a.
S 7	10 44	18 13	5 5	1 19	2 37	21 7	0 46	24 30	1 7	13 43	1 14	16 32	1 18	12 23	0 45	20 12	1 10	10 2	14 25	11 9	11 16	10 7		n.a.
M 8	10 22	19 12	4 38	1 48	2 43	20 53	0 49	24 28	1 7	13 39	1 14	16 33	1 18	12 21	0 45	20 12	1 10	10 1	14 25	11 9	11 17	10 9		n.a.
T 9	10 0	19 15	3 58	2 16	2 48	20 38	0 51	24 25	1 8	13 34	1 14	16 34	1 18	12 20	0 45	20 12	1 10	10 0	14 24	11 9	11 18	10 11		n.a.
W10	9 38	18 18	3 5	2 42	2 53	20 23	0 54	24 23	1 9	13 29	1 14	16 35	1 18	12 19	0 45	20 12	1 10	9 59	14 24	11 9	11 20	10 12		n.a.
T 11	9 15	16 19	2 0	3 6	2 57	20 7	0 56	24 20	1 10	13 25	1 14	16 36	1 17	12 17	0 45	20 12	1 10	9 58	14 24	11 9	11 21	10 14		n.a.
F 12	8 53	13 20	0 47	3 28	3 1	19 51	0 59	24 17	1 10	13 20	1 14	16 37	1 17	12 16	0 45	20 12	1 10	9 56	14 23	11 8	11 22	10 16		n.a.
S 13	8 30	9 31	0s32	3 47	3 5	19 34	1 1	24 14	1 11	13 16	1 14	16 38	1 17	12 14	0 45	20 12	1 10	9 55	14 23	11 8	11 23	10 18		n.a.
S 14	8 7	5 5	1 49	4 4	3 7	19 16	1 3	24 11	1 12	13 11	1 14	16 40	1 17	12 13	0 45	20 12	1 10	9 54	14 23	11 9	11 24	10 20		n.a.
M15	7 44	0 17	3 1	4 19	3 9	18 58	1 5	24 8	1 13	13 7	1 14	16 41	1 17	12 12	0 45	20 12	1 10	9 53	14 22	11 9	11 25	10 22		n.a.
T 16	7 21	4n32	4 1	4 30	3 10	18 40	1 7	24 4	1 13	13 2	1 14	16 42	1 16	12 10	0 45	20 12	1 10	9 52	14 22	11 9	11 26	10 23		n.a.
W17	6 58	9 5	4 45	4 38	3 10	18 20	1 9	24 0	1 14	12 58	1 14	16 43	1 16	12 9	0 45	20 12	1 10	9 51	14 22	11 10	11 28	10 25		n.a.
T 18	6 35	13 2	5 10	4 42	3 9	18 0	1 11	23 57	1 15	12 53	1 14	16 45	1 16	12 8	0 45	20 12	1 10	9 50	14 22	11 10	11 29	10 27		n.a.
F 19	6 11	16 10	5 16	4 42	3 6	17 40	1 13	23 53	1 16	12 48	1 14	16 46	1 16	12 6	0 45	20 12	1 10	9 49	14 21	11 10	11 30	10 29		n.a.
S 20	5 47	18 17	5 3	4 37	3 3	17 19	1 15	23 49	1 16	12 44	1 14	16 47	1 16	12 5	0 45	20 12	1 10	9 48	14 21	11 11	11 31	10 31		n.a.
S 21	5 24	19 17	4 32	4 28	2 58	16 58	1 17	23 44	1 17	12 39	1 15	16 49	1 16	12 4	0 45	20 12	1 10	9 46	14 21	11 10	11 32	10 32		n.a.
M22	5 0	19 9	3 47	4 13	2 51	16 36	1 18	23 40	1 18	12 35	1 15	16 50	1 15	12 2	0 45	20 12	1 10	9 45	14 21	11 10	11 33	10 34		n.a.
T 23	4 36	17 56	2 50	3 53	2 42	16 14	1 20	23 36	1 19	12 30	1 15	16 51	1 15	12 1	0 45	20 12	1 10	9 44	14 20	11 9	11 34	10 36		n.a.
W24	4 12	15 48	1 45	3 28	2 32	15 51	1 21	23 31	1 19	12 26	1 15	16 53	1 15	12 0	0 45	20 12	1 10	9 43	14 20	11 9	11 36	10 38		n.a.
T 25	3 48	12 54	0 37	2 57	2 20	15 28	1 23	23 26	1 20	12 21	1 15	16 54	1 15	11 58	0 45	20 12	1 10	9 42	14 20	11 9	11 37	10 40		n.a.
F 26	3 24	9 26	0n33	2 21	2 6	15 4	1 24	23 21	1 21	12 16	1 15	16 55	1 15	11 57	0 45	20 12	1 10	9 41	14 20	11 9	11 38	10 41		n.a.
S 27	3 0	5 37	1 40	1 40	1 50	14 40	1 25	23 16	1 22	12 12	1 15	16 57	1 15	11 56	0 45	20 12	1 10	9 40	14 20	11 9	11 39	10 43		n.a.
S 28	2 35	1 36	2 41	0 55	1 33	14 15	1 27	23 11	1 23	12 7	1 15	16 58	1 14	11 55	0 45	20 12	1 10	9 39	14 19	11 10	11 40	10 45		n.a.
M29	2 11	2s25	3 34	0 7	1 14	13 50	1 28	23 6	1 23	12 3	1 15	17 0	1 14	11 53	0 45	20 11	1 10	9 38	14 19	11 11	11 41	10 47		n.a.
T 30	1n47	6s18	4n17	0n43	0s54	13n25	1n29	23n 1	1n24	11n58	1n15	17s 1	1n14	11n52	0n45	20n11	1s10	9n37	14n19	11n13	11n42	10s49		n.a.

Julian Day Number = 1274965.5, Delta T = 08h13m35s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'46, Lahiri = -20°49'46 Julian Calendar 1 Sept. 1223 BCE == Greg. Calendar 21 Aug. 1223 BCE

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ASTRODIENST EPHEMERIS for the year 1223 BCE
geocentric

OCTOBER 1223 BCE (-1222) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 52 47	26♍36'27	8♏ 7	24°R52	0♍13	24♋45	2♍34	20♏44	1♍26	4°R12	8♎45	1°R10	29♌49	11♏20	n.a.	W 1
T 2	23 56 43	27°36'58	19°58	23♍35	1°27	25°20	2°47	20°49	1°29	4♊12	8°47	1♍ 6	29°46	11°26	n.a.	T 2
F 3	0 0 40	28°37'32	1♐49	22°24	2°42	25°54	2°59	20°54	1°33	4°11	8°50	1° 2	29°42	11°33	n.a.	F 3
S 4	0 4 36	29°38'07	13°44	21°20	3°57	26°28	3°12	20°59	1°36	4°11	8°52	1° 0	29°39	11°40	n.a.	S 4
S 5	0 8 33	0♎38'43	25°48	20°25	5°12	27° 2	3°24	21° 4	1°40	4°10	8°54	0°D58	29°36	11°47	n.a.	S 5
M 6	0 12 29	1°39'21	8♑ 5	19°40	6°27	27°36	3°37	21°10	1°43	4°10	8°57	0°58	29°33	11°53	n.a.	M 6
T 7	0 16 26	2°40'00	20°40	19° 7	7°41	28°10	3°49	21°15	1°46	4° 9	8°59	1° 0	29°30	12° 0	n.a.	T 7
W 8	0 20 22	3°40'40	3♒36	18°45	8°56	28°43	4° 1	21°20	1°50	4° 9	9° 2	1° 1	29°27	12° 7	n.a.	W 8
T 9	0 24 19	4°41'22	16°59	18°D35	10°11	29°17	4°13	21°26	1°53	4° 8	9° 4	1° 3	29°23	12°13	n.a.	T 9
F 10	0 28 16	5°42'05	0♓49	18°37	11°26	29°51	4°25	21°31	1°57	4° 7	9° 6	1°R 3	29°20	12°20	n.a.	F 10
S 11	0 32 12	6°42'49	15° 5	18°49	12°41	0♌24	4°37	21°37	2° 0	4° 7	9° 9	1° 3	29°17	12°27	n.a.	S 11
S 12	0 36 9	7°43'35	29°46	19°11	13°56	0°58	4°50	21°43	2° 3	4° 6	9°11	1° 0	29°14	12°34	n.a.	S 12
M13	0 40 5	8°44'22	14♈44	19°42	15°11	1°31	5° 1	21°48	2° 6	4° 5	9°14	0°56	29°11	12°40	n.a.	M13
T 14	0 44 2	9°45'10	29°50	20°22	16°27	2° 4	5°13	21°54	2°10	4° 4	9°16	0°50	29° 7	12°47	n.a.	T 14
W15	0 47 58	10°46'00	14♉56	21° 8	17°42	2°37	5°25	22° 0	2°13	4° 3	9°19	0°44	29° 4	12°54	n.a.	W15
T 16	0 51 55	11°46'52	29°50	22° 1	18°57	3°10	5°37	22° 6	2°16	4° 2	9°21	0°38	29° 1	13° 0	n.a.	T 16
F 17	0 55 51	12°47'45	14♊27	23° 0	20°12	3°43	5°49	22°12	2°19	4° 2	9°23	0°33	28°58	13° 7	n.a.	F 17
S 18	0 59 48	13°48'40	28°41	24° 4	21°27	4°16	6° 0	22°18	2°22	4° 1	9°26	0°30	28°55	13°14	n.a.	S 18
S 19	1 3 45	14°49'37	12♋31	25°11	22°42	4°49	6°12	22°24	2°25	4° 0	9°28	0°D29	28°52	13°21	n.a.	S 19
M20	1 7 41	15°50'35	25°57	26°23	23°58	5°22	6°24	22°30	2°28	3°59	9°31	0°30	28°48	13°27	n.a.	M20
T 21	1 11 38	16°51'35	9♌ 2	27°38	25°13	5°54	6°35	22°36	2°31	3°58	9°33	0°31	28°45	13°34	n.a.	T 21
W22	1 15 34	17°52'36	21°48	28°55	26°28	6°27	6°46	22°42	2°34	3°57	9°36	0°32	28°42	13°41	n.a.	W22
T 23	1 19 31	18°53'38	4♍20	0♎15	27°44	6°59	6°58	22°48	2°37	3°55	9°38	0°R32	28°39	13°48	n.a.	T 23
F 24	1 23 27	19°54'42	16°40	1°37	28°59	7°31	7° 9	22°55	2°40	3°54	9°40	0°31	28°36	13°54	n.a.	F 24
S 25	1 27 24	20°55'46	28°51	3° 0	0♎14	8° 3	7°20	23° 1	2°43	3°53	9°43	0°27	28°32	14° 1	n.a.	S 25
S 26	1 31 20	21°56'52	10♎55	4°25	1°30	8°35	7°31	23° 7	2°46	3°52	9°45	0°21	28°29	14° 8	n.a.	S 26
M27	1 35 17	22°57'59	22°53	5°51	2°45	9° 7	7°42	23°14	2°49	3°51	9°47	0°12	28°26	14°14	n.a.	M27
T 28	1 39 14	23°59'07	4♏48	7°18	4° 1	9°39	7°53	23°20	2°51	3°50	9°50	0° 1	28°23	14°21	n.a.	T 28
W29	1 43 10	25° 0'16	16°40	8°46	5°16	10°11	8° 4	23°26	2°54	3°48	9°52	29♌50	28°20	14°28	n.a.	W29
T 30	1 47 7	26° 1'26	28°31	10°14	6°31	10°42	8°15	23°33	2°57	3°47	9°55	29°38	28°17	14°35	n.a.	T 30
F 31	1 51 3	27♎ 2'37	10♐23	11♎43	7♎47	11♌14	8♍26	23♏40	2♍59	3♊46	9♎57	29♌28	28♌13	14♏41	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	1n22	9s54	4n48	1n34	0s33	12n59	1n30	22n55	1n25	11n54	1n15	17s 3	1n14	11n51	0n45	20n11	1s10	9n35	14n19	11n14	11n44	10s50			n.a.
T 2	0 58	13 5	5 7	2 24	0 13	12 33	1 31	22 50	1 26	11 49	1 16	17 4	1 14	11 49	0 45	20 11	1 10	9 34	14 19	11 16	11 45	10 52			n.a.
F 3	0 33	15 45	5 13	3 11	0n 8	12 6	1 32	22 44	1 27	11 45	1 16	17 6	1 14	11 48	0 45	20 11	1 10	9 33	14 19	11 17	11 46	10 54			n.a.
S 4	0 9	17 46	5 6	3 55	0 27	11 39	1 32	22 38	1 27	11 40	1 16	17 7	1 13	11 47	0 45	20 11	1 10	9 32	14 18	11 18	11 47	10 56			n.a.
S 5	0s16	19 2	4 44	4 34	0 46	11 12	1 33	22 32	1 28	11 36	1 16	17 9	1 13	11 46	0 45	20 11	1 10	9 31	14 18	11 19	11 48	10 58			n.a.
M 6	0 40	19 26	4 10	5 7	1 3	10 44	1 34	22 26	1 29	11 32	1 16	17 10	1 13	11 45	0 45	20 11	1 10	9 30	14 18	11 19	11 49	10 59			n.a.
T 7	1 5	18 53	3 23	5 35	1 19	10 17	1 34	22 20	1 30	11 27	1 16	17 12	1 13	11 43	0 45	20 11	1 10	9 29	14 18	11 18	11 50	11 1			n.a.
W 8	1 29	17 20	2 24	5 56	1 32	9 49	1 35	22 14	1 31	11 23	1 16	17 14	1 13	11 42	0 45	20 10	1 10	9 28	14 18	11 17	11 51	11 3			n.a.
T 9	1 54	14 48	1 16	6 11	1 44	9 20	1 35	22 8	1 32	11 18	1 16	17 15	1 13	11 41	0 45	20 10	1 11	9 27	14 18	11 17	11 53	11 5			n.a.
F 10	2 18	11 21	0 1	6 19	1 54	8 51	1 35	22 1	1 32	11 14	1 16	17 17	1 13	11 40	0 45	20 10	1 11	9 26	14 18	11 17	11 54	11 7			n.a.
S 11	2 42	7 8	1s16	6 22	2 3	8 22	1 36	21 55	1 33	11 9	1 17	17 18	1 12	11 39	0 45	20 10	1 11	9 25	14 18	11 17	11 55	11 8			n.a.
S 12	3 7	2 23	2 30	6 19	2 9	7 53	1 36	21 48	1 34	11 5	1 17	17 20	1 12	11 37	0 45	20 10	1 11	9 24	14 18	11 18	11 56	11 10			n.a.
M13	3 31	2n36	3 35	6 12	2 14	7 24	1 36	21 42	1 35	11 1	1 17	17 22	1 12	11 36	0 45	20 10	1 11	9 23	14 18	11 19	11 57	11 12			n.a.
T 14	3 56	7 28	4 26	5 59	2 18	6 54	1 36	21 35	1 36	10 56	1 17	17 23	1 12	11 35	0 45	20 9	1 11	9 22	14 18	11 22	11 58	11 14			n.a.
W15	4 20	11 50	4 58	5 43	2 21	6 24	1 36	21 28	1 37	10 52	1 17	17 25	1 12	11 34	0 45	20 9	1 11	9 21	14 17	11 24	11 59	11 16			n.a.
T 16	4 44	15 25	5 10	5 23	2 22	5 54	1 36	21 21	1 37	10 48	1 17	17 27	1 12	11 33	0 45	20 9	1 11	9 20	14 17	11 26	12 0	11 17			n.a.
F 17	5 8	17 56	5 1	4 59	2 22	5 24	1 35	21 14	1 38	10 44	1 17	17 28	1 12	11 32	0 45	20 9	1 11	9 19	14 17	11 28	12 2	11 19			n.a.
S 18	5 32	19 17	4 33	4 33	2 21	4 54	1 35	21 7	1 39	10 39	1 17	17 30	1 11	11 31	0 45	20 9	1 11	9 18	14 17	11 29	12 3	11 21			n.a.
S 19	5 56	19 25	3 50	4 4	2 20	4 23	1 35	21 0	1 40	10 35	1 18	17 32	1 11	11 29	0 46	20 8	1 11	9 17	14 17	11 29	12 4	11 23			n.a.
M20	6 20	18 26	2 56	3 33	2 17	3 53	1 34	20 52	1 41	10 31	1 18	17 33	1 11	11 28	0 46	20 8	1 11	9 16	14 17	11 29	12 5	11 25			n.a.
T 21	6 44	16 28	1 54	3 0	2 14	3 22	1 34	20 45	1 42	10 27	1 18	17 35	1 11	11 27	0 46	20 8	1 11	9 15	14 17	11 28	12 6	11 26			n.a.
W22	7 8	13 44	0 47	2 26	2 11	2 51	1 33	20 38	1 43	10 23	1 18	17 37	1 11	11 26	0 46	20 8	1 11	9 14	14 17	11 28	12 7	11 28			n.a.
T 23	7 31	10 24	0n20	1 50	2 7	2 20	1 33	20 30	1 44	10 18	1 18	17 38	1 11	11 25	0 46	20 8	1 11	9 13	14 17	11 28	12 8	11 30			n.a.
F 24	7 55	6 40	1 26	1 13	2 2	1 49	1 32	20 23	1 45	10 14	1 18	17 40	1 11	11 24	0 46	20 7	1 11	9 12	14 17	11 28	12 9	11 32			n.a.
S 25	8 18	2 42	2 26	0 35	1 57	1 18	1 31	20 15	1 46	10 10	1 19	17 42	1 11	11 23	0 46	20 7	1 11	9 11	14 17	11 30	12 11	11 33			n.a.
S 26	8 41	1s20	3 19	0s 4	1 52	0 46	1 30	20 7	1 46	10 6	1 19	17 44	1 10	11 22	0 46	20 7	1 11	9 10	14 17	11 32	12 12	11 35			n.a.
M27	9 4	5 17	4 3	0 44	1 47	0 15	1 29	20 0	1 47	10 2	1 19	17 45	1 10	11 21	0 46	20 7	1 11	9 10	14 17	11 35	12 13	11 37			n.a.
T 28	9 27	9 0	4 36	1 24	1 41	0s16	1 29	19 52	1 48	9 58	1 19	17 47	1 10	11 20	0 46	20 6	1 11	9 9	14 18	11 39	12 14	11 39			n.a.
W29	9 50	12 22	4 57	2 5	1 35	0 47	1 27	19 44	1 49	9 54	1 19	17 49	1 10	11 19	0 46	20 6	1 11	9 8	14 18	11 43	12 15	11 40			n.a.
T 30	10 13	15 13	5 4	2 46	1 28	1 19	1 26	19 36	1 50	9 50	1 19	17 51	1 10	11 18	0 46	20 6	1 11	9 7	14 18	11 47	12 16	11 42			n.a.
F 31	10s35	17s27	4n59	3s27	1n22	1s50	1n25	19n28	1n51	9n46	1n20	17s52	1n10	11n17	0n46	20n 6	1s11	9n 6	14n18	11n51	12n17	11s44			n.a.

Julian Day Number = 1274995.5, Delta T = 08h13m33s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'42, Lahiri = -20°49'42 Julian Calendar 1 Oct. 1223 BCE == Greg. Calendar 20 Sept. 1223 BCE

The year -1222 astronomical counting style corresponds to year 1223 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1223 BCE
geocentric

NOVEMBER 1223 BCE (-1222) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 55 0	28♎ 3'48	22♐19	13♎13	9♎ 2	11♌45	8♍36	23♏46	3♍ 2	3°R45	9♎59	29°R20	28♌10	14♏48	n.a.	S 1
S 2	1 58 56	29° 4'59	4♑22	14°43	10°18	12°16	8°47	23°53	3° 5	3♊43	10° 2	29♌14	28° 7	14°55	n.a.	S 2
M 3	2 2 53	0♏ 6'12	16°35	16°14	11°33	12°47	8°57	23°59	3° 7	3°42	10° 4	29°11	28° 4	15° 1	n.a.	M 3
T 4	2 6 49	1° 7'24	29° 3	17°45	12°49	13°18	9° 7	24° 6	3° 9	3°41	10° 6	29°D10	28° 1	15° 8	n.a.	T 4
W 5	2 10 46	2° 8'37	11♒52	19°16	14° 4	13°49	9°18	24°13	3°12	3°39	10° 9	29°10	27°58	15°15	n.a.	W 5
T 6	2 14 43	3° 9'51	25° 5	20°48	15°20	14°19	9°28	24°19	3°14	3°38	10°11	29°R11	27°54	15°22	n.a.	T 6
F 7	2 18 39	4°11'04	8♓46	22°20	16°35	14°50	9°38	24°26	3°17	3°36	10°13	29°10	27°51	15°28	n.a.	F 7
S 8	2 22 36	5°12'18	22°57	23°51	17°50	15°20	9°48	24°33	3°19	3°35	10°15	29° 8	27°48	15°35	n.a.	S 8
S 9	2 26 32	6°13'32	7♈36	25°24	19° 6	15°50	9°58	24°40	3°21	3°34	10°18	29° 3	27°45	15°42	n.a.	S 9
M10	2 30 29	7°14'46	22°39	26°56	20°21	16°20	10° 7	24°46	3°23	3°32	10°20	28°56	27°42	15°48	n.a.	M10
T 11	2 34 25	8°16'01	7♉57	28°28	21°37	16°50	10°17	24°53	3°25	3°31	10°22	28°46	27°38	15°55	n.a.	T 11
W12	2 38 22	9°17'16	23°19	0♏ 1	22°52	17°20	10°27	25° 0	3°28	3°29	10°24	28°35	27°35	16° 2	n.a.	W12
T 13	2 42 18	10°18'32	8♊34	1°34	24° 8	17°50	10°36	25° 7	3°30	3°28	10°26	28°25	27°32	16° 9	n.a.	T 13
F 14	2 46 15	11°19'48	23°30	3° 7	25°23	18°19	10°45	25°14	3°32	3°26	10°29	28°16	27°29	16°15	n.a.	F 14
S 15	2 50 12	12°21'05	8♋ 0	4°40	26°39	18°48	10°54	25°21	3°34	3°24	10°31	28° 9	27°26	16°22	n.a.	S 15
S 16	2 54 8	13°22'22	22° 2	6°14	27°54	19°17	11° 4	25°28	3°35	3°23	10°33	28° 5	27°23	16°29	n.a.	S 16
M17	2 58 5	14°23'40	5♌34	7°48	29°10	19°46	11°13	25°35	3°37	3°21	10°35	28° 3	27°19	16°36	n.a.	M17
T 18	3 2 1	15°24'58	18°39	9°22	0♏25	20°15	11°21	25°42	3°39	3°20	10°37	28°D 3	27°16	16°42	n.a.	T 18
W19	3 5 58	16°26'16	1♍21	10°56	1°41	20°43	11°30	25°49	3°41	3°18	10°39	28°R 3	27°13	16°49	n.a.	W19
T 20	3 9 54	17°27'35	13°46	12°30	2°56	21°12	11°39	25°56	3°43	3°17	10°41	28° 2	27°10	16°56	n.a.	T 20
F 21	3 13 51	18°28'54	25°56	14° 5	4°12	21°40	11°47	26° 3	3°44	3°15	10°43	27°59	27° 7	17° 2	n.a.	F 21
S 22	3 17 48	19°30'13	7♎58	15°40	5°27	22° 8	11°56	26°10	3°46	3°13	10°45	27°53	27° 4	17° 9	n.a.	S 22
S 23	3 21 44	20°31'32	19°54	17°15	6°43	22°36	12° 4	26°17	3°47	3°12	10°47	27°44	27° 0	17°16	n.a.	S 23
M24	3 25 41	21°32'51	1♏46	18°51	7°58	23° 3	12°12	26°24	3°49	3°10	10°49	27°32	26°57	17°23	n.a.	M24
T 25	3 29 37	22°34'10	13°38	20°27	9°14	23°31	12°20	26°31	3°50	3° 8	10°51	27°18	26°54	17°29	n.a.	T 25
W26	3 33 34	23°35'30	25°30	22° 3	10°29	23°58	12°28	26°38	3°52	3° 7	10°53	27° 3	26°51	17°36	n.a.	W26
T 27	3 37 30	24°36'48	7♐24	23°40	11°45	24°25	12°36	26°45	3°53	3° 5	10°55	26°48	26°48	17°43	n.a.	T 27
F 28	3 41 27	25°38'07	19°21	25°17	13° 0	24°52	12°43	26°52	3°54	3° 3	10°57	26°33	26°44	17°49	n.a.	F 28
S 29	3 45 23	26°39'25	1♑22	26°54	14°16	25°18	12°51	26°59	3°55	3° 2	10°59	26°22	26°41	17°56	n.a.	S 29
S 30	3 49 20	27♏40'43	13♑29	28♏32	15♏31	25♌44	12♍58	27♏ 6	3♍57	3♊ 0	11♎ 1	26♌13	26♌38	18♏ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s58	18s57	4n41	4s 9	1n16	2s21	1n24	19n20	1n52	9n42	1n20	17s54	1n10	11n16	0n46	20n 5	1s11	9n 5	14n18	11n54	12n18	11s46		n.a.
S 2	11 20	19 36	4 10	4 50	1 9	2 53	1 23	19 12	1 53	9 39	1 20	17 56	1 10	11 15	0 46	20 5	1 11	9 4	14 18	11 56	12 20	11 48		n.a.
M 3	11 42	19 22	3 27	5 32	1 2	3 24	1 21	19 4	1 54	9 35	1 20	17 58	1 9	11 15	0 46	20 5	1 11	9 4	14 18	11 57	12 21	11 49		n.a.
T 4	12 3	18 11	2 33	6 14	0 55	3 55	1 20	18 56	1 55	9 31	1 20	17 59	1 9	11 14	0 46	20 5	1 11	9 3	14 18	11 57	12 22	11 51		n.a.
W 5	12 25	16 4	1 31	6 55	0 49	4 26	1 19	18 48	1 56	9 27	1 20	18 1	1 9	11 13	0 46	20 4	1 11	9 2	14 18	11 57	12 23	11 53		n.a.
T 6	12 46	13 2	0 22	7 36	0 42	4 57	1 17	18 40	1 57	9 23	1 21	18 3	1 9	11 12	0 46	20 4	1 11	9 1	14 18	11 57	12 24	11 55		n.a.
F 7	13 7	9 12	0s51	8 18	0 35	5 28	1 16	18 32	1 58	9 20	1 21	18 5	1 9	11 11	0 46	20 4	1 11	9 1	14 18	11 57	12 25	11 56		n.a.
S 8	13 28	4 43	2 3	8 58	0 28	5 59	1 14	18 24	1 59	9 16	1 21	18 6	1 9	11 10	0 46	20 3	1 11	9 0	14 19	11 58	12 26	11 58		n.a.
S 9	13 49	0n10	3 9	9 39	0 21	6 29	1 12	18 16	2 0	9 13	1 21	18 8	1 9	11 10	0 46	20 3	1 11	8 59	14 19	12 0	12 27	12 0		n.a.
M10	14 10	5 11	4 4	10 19	0 14	7 0	1 11	18 7	2 1	9 9	1 21	18 10	1 9	11 9	0 46	20 3	1 11	8 58	14 19	12 2	12 28	12 2		n.a.
T 11	14 30	9 57	4 42	11 0	0 8	7 30	1 9	17 59	2 2	9 5	1 22	18 12	1 9	11 8	0 46	20 3	1 11	8 58	14 19	12 6	12 30	12 3		n.a.
W12	14 50	14 4	5 0	11 39	0 1	8 0	1 7	17 51	2 3	9 2	1 22	18 14	1 9	11 7	0 46	20 2	1 11	8 57	14 19	12 10	12 31	12 5		n.a.
T 13	15 9	17 12	4 57	12 18	0s 6	8 30	1 5	17 43	2 4	8 59	1 22	18 15	1 8	11 7	0 46	20 2	1 11	8 56	14 19	12 13	12 32	12 7		n.a.
F 14	15 29	19 7	4 33	12 57	0 12	9 0	1 3	17 34	2 5	8 55	1 22	18 17	1 8	11 6	0 46	20 2	1 11	8 56	14 20	12 17	12 33	12 9		n.a.
S 15	15 48	19 44	3 52	13 35	0 19	9 29	1 2	17 26	2 6	8 52	1 22	18 19	1 8	11 5	0 46	20 1	1 11	8 55	14 20	12 19	12 34	12 10		n.a.
S 16	16 7	19 4	2 59	14 13	0 25	9 59	1 0	17 18	2 7	8 48	1 23	18 21	1 8	11 5	0 46	20 1	1 11	8 54	14 20	12 20	12 35	12 12		n.a.
M17	16 25	17 19	1 56	14 50	0 32	10 28	0 58	17 9	2 8	8 45	1 23	18 22	1 8	11 4	0 47	20 1	1 11	8 54	14 20	12 21	12 36	12 14		n.a.
T 18	16 44	14 42	0 50	15 27	0 38	10 57	0 56	17 1	2 9	8 42	1 23	18 24	1 8	11 3	0 47	20 0	1 11	8 53	14 20	12 21	12 37	12 16		n.a.
W19	17 2	11 27	0n18	16 3	0 44	11 25	0 54	16 53	2 11	8 39	1 23	18 26	1 8	11 3	0 47	20 0	1 11	8 52	14 21	12 21	12 38	12 17		n.a.
T 20	17 19	7 45	1 22	16 38	0 50	11 53	0 51	16 45	2 12	8 36	1 24	18 28	1 8	11 2	0 47	20 0	1 11	8 52	14 21	12 21	12 40	12 19		n.a.
F 21	17 37	3 48	2 22	17 13	0 56	12 21	0 49	16 36	2 13	8 33	1 24	18 29	1 8	11 1	0 47	20 0	1 11	8 51	14 21	12 22	12 41	12 21		n.a.
S 22	17 54	0s15	3 14	17 47	1 2	12 49	0 47	16 28	2 14	8 30	1 24	18 31	1 8	11 1	0 47	19 59	1 11	8 51	14 21	12 24	12 42	12 23		n.a.
S 23	18 11	4 15	3 57	18 20	1 7	13 16	0 45	16 20	2 15	8 27	1 24	18 33	1 8	11 0	0 47	19 59	1 11	8 50	14 22	12 27	12 43	12 24		n.a.
M24	18 27	8 4	4 30	18 53	1 12	13 44	0 43	16 12	2 16	8 24	1 24	18 35	1 8	11 0	0 47	19 59	1 11	8 49	14 22	12 32	12 44	12 26		n.a.
T 25	18 43	11 34	4 51	19 24	1 18	14 10	0 41	16 4	2 17	8 21	1 25	18 36	1 8	10 59	0 47	19 58	1 11	8 49	14 22	12 37	12 45	12 28		n.a.
W26	18 59	14 37	4 59	19 55	1 23	14 36	0 38	15 56	2 18	8 18	1 25	18 38	1 7	10 59	0 47	19 58	1 11	8 48	14 22	12 42	12 46	12 30		n.a.
T 27	19 14	17 4	4 54	20 24	1 27	15 2	0 36	15 47	2 20	8 15	1 25	18 40	1 7	10 58	0 47	19 58	1 11	8 48	14 23	12 47	12 47	12 31		n.a.
F 28	19 29	18 49	4 36	20 53	1 32	15 28	0 34	15 39	2 21	8 12	1 25	18 41	1 7	10 58	0 47	19 57	1 11	8 47	14 23	12 52	12 48	12 33		n.a.
S 29	19 44	19 44	4 6	21 21	1 36	15 53	0 31	15 31	2 22	8 10	1 26	18 43	1 7	10 58	0 47	19 57	1 11	8 47	14 23	12 56	12 49	12 35		n.a.
S 30	19s58	19s45	3n24	21s47	1s40	16s18	0n29	15n23	2n23	8n 7	1n26	18s45	1n 7	10n57	0n47	19n57	1s11	8n47	14n23	12n59	12n51	12s36		n.a.

Julian Day Number = 1275026.5, Delta T = 08h13m32s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'38, Lahiri = -20°49'38 Julian Calendar 1 Nov. 1223 BCE == Greg. Calendar 21 Oct. 1223 BCE

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ASTRODIENST EPHEMERIS for the year 1223 BCE
geocentric

DECEMBER 1223 BCE (-1222) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 53 17	28♏42'00	25♉46	0♐10	16♏46	26♌10	13♍ 5	27♏13	3♍58	2°R58	11♎ 2	26°R 7	26♌35	18♏10	n.a.	M 1
T 2	3 57 13	29°43'16	8♒15	1°49	18° 2	26°36	13°12	27°20	3°59	2♊56	11° 4	26♌ 5	26°32	18°16	n.a.	T 2
W 3	4 1 10	0♐44'32	21° 0	3°28	19°17	27° 2	13°19	27°27	4° 0	2°55	11° 6	26° 4	26°29	18°23	n.a.	W 3
T 4	4 5 6	1°45'47	4♓ 6	5° 8	20°33	27°27	13°26	27°34	4° 1	2°53	11° 8	26° 4	26°25	18°30	n.a.	T 4
F 5	4 9 3	2°47'01	17°36	6°48	21°48	27°52	13°32	27°41	4° 2	2°51	11° 9	26° 3	26°22	18°37	n.a.	F 5
S 6	4 12 59	3°48'14	1♈33	8°28	23° 3	28°17	13°39	27°48	4° 3	2°50	11°11	26° 1	26°19	18°43	n.a.	S 6
S 7	4 16 56	4°49'26	15°57	10° 9	24°19	28°41	13°45	27°55	4° 3	2°48	11°13	25°56	26°16	18°50	n.a.	S 7
M 8	4 20 52	5°50'37	0♉47	11°50	25°34	29° 6	13°51	28° 2	4° 4	2°46	11°14	25°48	26°13	18°57	n.a.	M 8
T 9	4 24 49	6°51'47	15°56	13°31	26°49	29°30	13°57	28° 9	4° 5	2°45	11°16	25°38	26°10	19° 3	n.a.	T 9
W10	4 28 46	7°52'57	1♊14	15°13	28° 5	29°53	14° 3	28°16	4° 5	2°43	11°17	25°27	26° 6	19°10	n.a.	W10
T 11	4 32 42	8°54'05	16°31	16°55	29°20	0♍17	14° 9	28°23	4° 6	2°41	11°19	25°16	26° 3	19°17	n.a.	T 11
F 12	4 36 39	9°55'13	1♋34	18°38	0♐35	0°40	14°14	28°30	4° 6	2°40	11°21	25° 6	26° 0	19°24	n.a.	F 12
S 13	4 40 35	10°56'21	16°16	20°20	1°51	1° 3	14°20	28°37	4° 7	2°38	11°22	24°58	25°57	19°30	n.a.	S 13
S 14	4 44 32	11°57'27	0♌29	22° 3	3° 6	1°25	14°25	28°44	4° 7	2°36	11°24	24°54	25°54	19°37	n.a.	S 14
M15	4 48 28	12°58'33	14°11	23°46	4°21	1°47	14°30	28°51	4° 8	2°34	11°25	24°51	25°50	19°44	n.a.	M15
T 16	4 52 25	13°59'38	27°25	25°28	5°37	2° 9	14°35	28°58	4° 8	2°33	11°26	24°D51	25°47	19°51	n.a.	T 16
W17	4 56 22	15° 0'42	10♍13	27°10	6°52	2°31	14°40	29° 5	4° 8	2°31	11°28	24°R51	25°44	19°57	n.a.	W17
T 18	5 0 18	16° 1'46	22°39	28°52	8° 7	2°52	14°44	29°12	4° 8	2°30	11°29	24°51	25°41	20° 4	n.a.	T 18
F 19	5 4 15	17° 2'48	4♎50	0♉33	9°22	3°13	14°48	29°18	4° 8	2°28	11°30	24°49	25°38	20°11	n.a.	F 19
S 20	5 8 11	18° 3'50	16°49	2°13	10°38	3°33	14°53	29°25	4°R 8	2°26	11°32	24°45	25°35	20°17	n.a.	S 20
S 21	5 12 8	19° 4'51	28°42	3°52	11°53	3°54	14°57	29°32	4° 8	2°25	11°33	24°39	25°31	20°24	n.a.	S 21
M22	5 16 4	20° 5'51	10♏33	5°29	13° 8	4°13	15° 1	29°39	4° 8	2°23	11°34	24°29	25°28	20°31	n.a.	M22
T 23	5 20 1	21° 6'50	22°24	7° 4	14°23	4°33	15° 4	29°46	4° 8	2°21	11°35	24°18	25°25	20°38	n.a.	T 23
W24	5 23 57	22° 7'48	4♐18	8°37	15°38	4°52	15° 8	29°52	4° 8	2°20	11°36	24° 6	25°22	20°44	n.a.	W24
T 25	5 27 54	23° 8'44	16°16	10° 7	16°54	5°10	15°11	29°59	4° 8	2°18	11°37	23°53	25°19	20°51	n.a.	T 25
F 26	5 31 51	24° 9'40	28°21	11°33	18° 9	5°29	15°14	0♐ 6	4° 7	2°17	11°39	23°41	25°15	20°58	n.a.	F 26
S 27	5 35 47	25°10'34	10♉32	12°55	19°24	5°46	15°17	0°12	4° 7	2°15	11°40	23°32	25°12	21° 4	n.a.	S 27
S 28	5 39 44	26°11'26	22°52	14°12	20°39	6° 4	15°20	0°19	4° 7	2°14	11°41	23°25	25° 9	21°11	n.a.	S 28
M29	5 43 40	27°12'17	5♒21	15°23	21°54	6°21	15°23	0°25	4° 6	2°12	11°42	23°21	25° 6	21°18	n.a.	M29
T 30	5 47 37	28°13'07	18° 1	16°28	23° 9	6°37	15°25	0°32	4° 6	2°11	11°43	23°D19	25° 3	21°25	n.a.	T 30
W31	5 51 33	29♐13'54	0♓54	17♉26	24♐25	6♍53	15♍27	0♐38	4♍ 5	2♊ 9	11♎43	23♌19	25♌ 0	21♏31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	20s12	18s51	2n33	22s13	1s44	16s42	0n27	15n16	2n24	8n 4	1n26	18s46	1n 7	10n57	0n47	19n56	1s11	8n46	14n24	13n 1	12n52	12s38			n.a.
T 2	20 26	17 1	1 33	22 37	1 47	17 6	0 24	15 8	2 26	8 2	1 26	18 48	1 7	10 57	0 47	19 56	1 11	8 46	14 24	13 2	12 53	12 40			n.a.
W 3	20 39	14 19	0 27	23 0	1 50	17 29	0 22	15 0	2 27	8 0	1 27	18 50	1 7	10 56	0 47	19 56	1 11	8 45	14 24	13 2	12 54	12 42			n.a.
T 4	20 51	10 49	0s42	23 22	1 53	17 52	0 19	14 52	2 28	7 57	1 27	18 52	1 7	10 56	0 47	19 55	1 11	8 45	14 25	13 2	12 55	12 43			n.a.
F 5	21 4	6 41	1 51	23 42	1 56	18 15	0 17	14 44	2 29	7 55	1 27	18 53	1 7	10 56	0 47	19 55	1 11	8 45	14 25	13 3	12 56	12 45			n.a.
S 6	21 16	2 3	2 56	24 1	1 58	18 36	0 15	14 37	2 30	7 52	1 27	18 55	1 7	10 55	0 47	19 55	1 11	8 44	14 25	13 3	12 57	12 47			n.a.
S 7	21 27	2n50	3 51	24 19	2 0	18 58	0 12	14 29	2 32	7 50	1 28	18 57	1 7	10 55	0 47	19 54	1 11	8 44	14 26	13 5	12 58	12 48			n.a.
M 8	21 38	7 41	4 33	24 35	2 1	19 19	0 10	14 22	2 33	7 48	1 28	18 58	1 7	10 55	0 47	19 54	1 11	8 44	14 26	13 8	12 59	12 50			n.a.
T 9	21 49	12 9	4 56	24 49	2 2	19 39	0 7	14 14	2 34	7 46	1 28	19 0	1 7	10 55	0 47	19 54	1 11	8 43	14 26	13 11	13 0	12 52			n.a.
W10	21 59	15 52	4 59	25 2	2 3	19 59	0 5	14 7	2 36	7 44	1 28	19 1	1 7	10 54	0 48	19 53	1 11	8 43	14 27	13 15	13 2	12 54			n.a.
T 11	22 9	18 29	4 41	25 13	2 3	20 18	0 3	14 0	2 37	7 42	1 29	19 3	1 7	10 54	0 48	19 53	1 11	8 43	14 27	13 19	13 3	12 55			n.a.
F 12	22 18	19 47	4 3	25 22	2 2	20 37	0 0	13 53	2 38	7 40	1 29	19 5	1 7	10 54	0 48	19 53	1 11	8 42	14 27	13 22	13 4	12 57			n.a.
S 13	22 27	19 42	3 9	25 30	2 1	20 55	0s 2	13 46	2 39	7 38	1 29	19 6	1 6	10 54	0 48	19 52	1 11	8 42	14 28	13 25	13 5	12 59			n.a.
S 14	22 36	18 21	2 5	25 35	2 0	21 12	0 5	13 39	2 41	7 36	1 30	19 8	1 6	10 54	0 48	19 52	1 11	8 42	14 28	13 26	13 6	13 0			n.a.
M15	22 44	15 57	0 56	25 39	1 58	21 29	0 7	13 32	2 42	7 35	1 30	19 9	1 6	10 54	0 48	19 52	1 11	8 42	14 28	13 27	13 7	13 2			n.a.
T 16	22 52	12 47	0n14	25 41	1 55	21 45	0 9	13 25	2 43	7 33	1 30	19 11	1 6	10 54	0 48	19 52	1 11	8 41	14 29	13 27	13 8	13 4			n.a.
W17	22 59	9 6	1 21	25 40	1 52	22 1	0 12	13 18	2 45	7 31	1 30	19 12	1 6	10 54	0 48	19 51	1 11	8 41	14 29	13 27	13 9	13 6			n.a.
T 18	23 5	5 8	2 22	25 38	1 48	22 15	0 14	13 12	2 46	7 30	1 31	19 14	1 6	10 54	0 48	19 51	1 11	8 41	14 30	13 27	13 10	13 7			n.a.
F 19	23 12	1 2	3 16	25 33	1 43	22 30	0 16	13 5	2 48	7 28	1 31	19 16	1 6	10 54	0 48	19 51	1 11	8 41	14 30	13 28	13 11	13 9			n.a.
S 20	23 17	3s 2	4 0	25 26	1 37	22 43	0 19	12 59	2 49	7 27	1 31	19 17	1 6	10 54	0 48	19 50	1 11	8 41	14 30	13 29	13 12	13 11			n.a.
S 21	23 23	6 57	4 33	25 18	1 31	22 56	0 21	12 53	2 50	7 26	1 32	19 19	1 6	10 54	0 48	19 50	1 11	8 41	14 31	13 31	13 14	13 12			n.a.
M22	23 28	10 35	4 54	25 7	1 24	23 8	0 23	12 47	2 52	7 25	1 32	19 20	1 6	10 54	0 48	19 50	1 11	8 41	14 31	13 35	13 15	13 14			n.a.
T 23	23 32	13 48	5 2	24 54	1 16	23 20	0 26	12 41	2 53	7 23	1 32	19 22	1 6	10 54	0 48	19 49	1 11	8 40	14 31	13 38	13 16	13 16			n.a.
W24	23 36	16 29	4 58	24 40	1 7	23 31	0 28	12 35	2 55	7 22	1 32	19 23	1 6	10 54	0 48	19 49	1 11	8 40	14 32	13 43	13 17	13 17			n.a.
T 25	23 39	18 28	4 40	24 23	0 57	23 41	0 30	12 30	2 56	7 21	1 33	19 25	1 6	10 54	0 48	19 49	1 11	8 40	14 32	13 47	13 18	13 19			n.a.
F 26	23 42	19 40	4 10	24 6	0 46	23 50	0 32	12 24	2 58	7 20	1 33	19 26	1 6	10 54	0 48	19 49	1 11	8 40	14 33	13 51	13 19	13 21			n.a.
S 27	23 45	19 58	3 28	23 46	0 34	23 59	0 34	12 19	2 59	7 19	1 33	19 27	1 6	10 54	0 48	19 48	1 11	8 40	14 33	13 54	13 20	13 23			n.a.
S 28	23 47	19 19	2 35	23 26	0 22	24 7	0 37	12 13	3 0	7 18	1 34	19 29	1 6	10 55	0 48	19 48	1 11	8 40	14 34	13 56	13 21	13 24			n.a.
M29	23 48	17 43	1 35	23 4	0 8	24 14	0 39	12 8	3 2	7 18	1 34	19 30	1 6	10 55	0 48	19 48	1 11	8 40	14 34	13 58	13 22	13 26			n.a.
T 30	23 49	15 14	0 28	22 42	0n 6	24 20	0 41	12 4	3 3	7 17	1 34	19 32	1 6	10 55	0 48	19 47	1 11	8 40	14 34	13 58	13 23	13 28			n.a.
W31	23s50	11s58	0s41	22s20	0n21	24s26	0s43	11n59	3n 5	7n16	1n35	19s33	1n 6	10n55	0n48	19n47	1s10	8n40	14n35	13n58	13n24	13s29			n.a.

Julian Day Number = 1275056.5, Delta T = 08h13m30s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'34, Lahiri = -20°49'33 Julian Calendar 1 Dec. 1223 BCE == Greg. Calendar 20 Nov. 1223 BCE

The year -1222 astronomical counting style corresponds to year 1223 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1222 BCE
geocentric

JANUARY 1222 BCE (-1221) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 55 30	0♉14'40	14♓ 3	18♉16	25♐40	7♍ 9	15♍29	0♐45	4°R 5	2°R 8	11♎44	23♌20	24♌56	21♏38	n.a.	T 1
F 2	5 59 27	1°15'24	27°30	18°57	26°55	7°24	15°31	0°51	4♍ 4	2♊ 6	11°45	23°R21	24°53	21°45	n.a.	F 2
S 3	6 3 23	2°16'06	11♈18	19°30	28°10	7°38	15°33	0°58	4° 3	2° 5	11°46	23°20	24°50	21°52	n.a.	S 3
S 4	6 7 20	3°16'46	25°27	19°52	29°25	7°53	15°34	1° 4	4° 2	2° 3	11°47	23°18	24°47	21°58	n.a.	S 4
M 5	6 11 16	4°17'25	9♉57	20° 4	0♉40	8° 6	15°36	1°10	4° 2	2° 2	11°47	23°14	24°44	22° 5	n.a.	M 5
T 6	6 15 13	5°18'01	24°43	20°R 5	1°55	8°19	15°37	1°17	4° 1	2° 1	11°48	23° 8	24°41	22°12	n.a.	T 6
W 7	6 19 9	6°18'36	9♊40	19°56	3°10	8°32	15°38	1°23	4° 0	1°59	11°49	23° 0	24°37	22°18	n.a.	W 7
T 8	6 23 6	7°19'08	24°38	19°36	4°25	8°44	15°38	1°29	3°59	1°58	11°49	22°53	24°34	22°25	n.a.	T 8
F 9	6 27 2	8°19'40	9♋29	19° 7	5°40	8°55	15°39	1°35	3°58	1°57	11°50	22°46	24°31	22°32	n.a.	F 9
S 10	6 30 59	9°20'09	24° 5	18°28	6°55	9° 6	15°39	1°41	3°57	1°55	11°51	22°42	24°28	22°39	n.a.	S 10
S 11	6 34 56	10°20'36	8♌18	17°41	8°10	9°17	15°R39	1°47	3°55	1°54	11°51	22°39	24°25	22°45	n.a.	S 11
M12	6 38 52	11°21'02	22° 5	16°47	9°25	9°27	15°39	1°53	3°54	1°53	11°52	22°D38	24°21	22°52	n.a.	M12
T 13	6 42 49	12°21'27	5♍25	15°47	10°40	9°36	15°39	1°59	3°53	1°52	11°52	22°38	24°18	22°59	n.a.	T 13
W14	6 46 45	13°21'49	18°19	14°44	11°55	9°45	15°39	2° 5	3°52	1°50	11°53	22°40	24°15	23° 6	n.a.	W14
T 15	6 50 42	14°22'10	0♎52	13°38	13° 9	9°53	15°38	2°11	3°50	1°49	11°53	22°41	24°12	23°12	n.a.	T 15
F 16	6 54 38	15°22'29	13° 7	12°32	14°24	10° 0	15°38	2°17	3°49	1°48	11°53	22°R42	24° 9	23°19	n.a.	F 16
S 17	6 58 35	16°22'47	25°10	11°27	15°39	10° 7	15°37	2°22	3°48	1°47	11°54	22°42	24° 6	23°26	n.a.	S 17
S 18	7 2 31	17°23'03	7♏ 4	10°24	16°54	10°13	15°35	2°28	3°46	1°46	11°54	22°40	24° 2	23°32	n.a.	S 18
M19	7 6 28	18°23'18	18°56	9°26	18° 9	10°19	15°34	2°34	3°45	1°45	11°54	22°36	23°59	23°39	n.a.	M19
T 20	7 10 25	19°23'31	0♐48	8°32	19°24	10°23	15°33	2°39	3°43	1°44	11°54	22°31	23°56	23°46	n.a.	T 20
W21	7 14 21	20°23'42	12°44	7°44	20°39	10°28	15°31	2°45	3°42	1°43	11°54	22°26	23°53	23°53	n.a.	W21
T 22	7 18 18	21°23'51	24°48	7° 2	21°53	10°31	15°29	2°50	3°40	1°42	11°55	22°20	23°50	23°59	n.a.	T 22
F 23	7 22 14	22°23'58	7♑ 2	6°28	23° 8	10°34	15°27	2°56	3°38	1°41	11°55	22°14	23°47	24° 6	n.a.	F 23
S 24	7 26 11	23°24'04	19°26	6° 0	24°23	10°36	15°25	3° 1	3°36	1°40	11°55	22°10	23°43	24°13	n.a.	S 24
S 25	7 30 7	24°24'07	2♒ 2	5°38	25°38	10°37	15°22	3° 6	3°35	1°39	11°R55	22° 7	23°40	24°20	n.a.	S 25
M26	7 34 4	25°24'08	14°49	5°24	26°52	10°R38	15°19	3°12	3°33	1°38	11°55	22° 5	23°37	24°26	n.a.	M26
T 27	7 38 0	26°24'07	27°49	5°17	28° 7	10°37	15°17	3°17	3°31	1°37	11°55	22°D 5	23°34	24°33	n.a.	T 27
W28	7 41 57	27°24'04	11♓ 2	5°D16	29°22	10°36	15°14	3°22	3°29	1°36	11°55	22° 6	23°31	24°40	n.a.	W28
T 29	7 45 53	28°23'58	24°27	5°21	0♒37	10°35	15°10	3°27	3°27	1°36	11°55	22° 8	23°27	24°46	n.a.	T 29
F 30	7 49 50	29°23'51	8♈ 5	5°33	1°51	10°32	15° 7	3°32	3°25	1°35	11°54	22° 9	23°24	24°53	n.a.	F 30
S 31	7 53 47	0♒23'40	21♈56	5♉49	3♒ 6	10♍29	15♍ 4	3♐37	3♍23	1♊34	11♎54	22♌10	23♌21	25♏ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23 s50	8 s 3	1 s49	21 s57	0n37	24 s31	0 s45	11n54	3n 6	7n16	1n35	19 s34	1n 6	10n56	0n48	19n47	1 s10	8n40	14n35	13n58	13n25	13 s31			n.a.
F 2	23 50	3 39	2 53	21 35	0 54	24 35	0 47	11 50	3 8	7 15	1 35	19 36	1 6	10 56	0 49	19 47	1 10	8 40	14 36	13 58	13 27	13 33			n.a.
S 3	23 49	1n 2	3 49	21 14	1 11	24 38	0 49	11 46	3 9	7 15	1 35	19 37	1 6	10 56	0 49	19 46	1 10	8 41	14 36	13 58	13 28	13 34			n.a.
S 4	23 48	5 47	4 32	20 53	1 28	24 41	0 51	11 42	3 11	7 15	1 36	19 38	1 6	10 57	0 49	19 46	1 10	8 41	14 37	13 59	13 29	13 36			n.a.
M 5	23 46	10 19	4 59	20 34	1 46	24 43	0 53	11 38	3 12	7 14	1 36	19 40	1 6	10 57	0 49	19 46	1 10	8 41	14 37	14 0	13 30	13 38			n.a.
T 6	23 44	14 18	5 7	20 17	2 3	24 44	0 54	11 34	3 14	7 14	1 36	19 41	1 6	10 57	0 49	19 46	1 10	8 41	14 37	14 2	13 31	13 39			n.a.
W 7	23 41	17 25	4 55	20 1	2 20	24 44	0 56	11 31	3 15	7 14	1 37	19 42	1 6	10 58	0 49	19 45	1 10	8 41	14 38	14 4	13 32	13 41			n.a.
T 8	23 38	19 22	4 22	19 48	2 36	24 44	0 58	11 28	3 17	7 14	1 37	19 44	1 6	10 58	0 49	19 45	1 10	8 41	14 38	14 7	13 33	13 43			n.a.
F 9	23 34	19 58	3 32	19 37	2 52	24 42	1 0	11 25	3 19	7 14	1 37	19 45	1 6	10 58	0 49	19 45	1 10	8 41	14 39	14 9	13 34	13 44			n.a.
S 10	23 30	19 13	2 28	19 28	3 6	24 40	1 1	11 22	3 20	7 14	1 37	19 46	1 6	10 59	0 49	19 45	1 10	8 41	14 39	14 11	13 35	13 46			n.a.
S 11	23 26	17 15	1 17	19 22	3 19	24 38	1 3	11 19	3 22	7 15	1 38	19 47	1 6	10 59	0 49	19 44	1 10	8 42	14 40	14 12	13 36	13 48			n.a.
M12	23 21	14 20	0 3	19 18	3 30	24 34	1 4	11 17	3 23	7 15	1 38	19 49	1 6	11 0	0 49	19 44	1 10	8 42	14 40	14 12	13 37	13 49			n.a.
T 13	23 15	10 45	1n 9	19 16	3 39	24 30	1 6	11 15	3 25	7 15	1 38	19 50	1 6	11 0	0 49	19 44	1 10	8 42	14 40	14 12	13 38	13 51			n.a.
W14	23 9	6 45	2 15	19 16	3 46	24 25	1 7	11 13	3 26	7 16	1 39	19 51	1 6	11 1	0 49	19 44	1 10	8 42	14 41	14 11	13 39	13 53			n.a.
T 15	23 3	2 35	3 13	19 19	3 50	24 19	1 9	11 11	3 28	7 16	1 39	19 52	1 6	11 1	0 49	19 44	1 10	8 43	14 41	14 11	13 40	13 54			n.a.
F 16	22 56	1 s35	4 0	19 23	3 53	24 12	1 10	11 10	3 29	7 17	1 39	19 53	1 6	11 2	0 49	19 43	1 10	8 43	14 42	14 11	13 42	13 56			n.a.
S 17	22 49	5 37	4 36	19 28	3 53	24 5	1 11	11 9	3 31	7 17	1 40	19 54	1 6	11 2	0 49	19 43	1 10	8 43	14 42	14 11	13 43	13 58			n.a.
S 18	22 41	9 23	5 0	19 35	3 51	23 57	1 13	11 8	3 33	7 18	1 40	19 56	1 6	11 3	0 49	19 43	1 10	8 43	14 43	14 11	13 44	13 59			n.a.
M19	22 33	12 46	5 11	19 44	3 47	23 48	1 14	11 7	3 34	7 19	1 40	19 57	1 6	11 4	0 49	19 43	1 10	8 44	14 43	14 13	13 45	14 1			n.a.
T 20	22 25	15 38	5 8	19 53	3 41	23 39	1 15	11 7	3 36	7 20	1 40	19 58	1 6	11 4	0 49	19 43	1 10	8 44	14 44	14 14	13 46	14 3			n.a.
W21	22 16	17 52	4 52	20 3	3 34	23 28	1 16	11 6	3 37	7 21	1 41	19 59	1 6	11 5	0 49	19 43	1 10	8 44	14 44	14 16	13 47	14 4			n.a.
T 22	22 6	19 21	4 23	20 14	3 25	23 18	1 17	11 6	3 39	7 22	1 41	20 0	1 6	11 5	0 49	19 42	1 10	8 45	14 44	14 18	13 48	14 6			n.a.
F 23	21 56	19 57	3 42	20 26	3 15	23 6	1 18	11 7	3 40	7 23	1 41	20 1	1 6	11 6	0 49	19 42	1 10	8 45	14 45	14 20	13 49	14 7			n.a.
S 24	21 46	19 37	2 49	20 38	3 4	22 54	1 19	11 7	3 42	7 24	1 42	20 2	1 6	11 7	0 49	19 42	1 10	8 46	14 45	14 21	13 50	14 9			n.a.
S 25	21 36	18 17	1 48	20 50	2 53	22 41	1 20	11 8	3 43	7 25	1 42	20 3	1 6	11 7	0 49	19 42	1 10	8 46	14 46	14 22	13 51	14 11			n.a.
M26	21 25	16 2	0 40	21 3	2 41	22 27	1 21	11 9	3 44	7 26	1 42	20 4	1 6	11 8	0 49	19 42	1 10	8 46	14 46	14 23	13 52	14 12			n.a.
T 27	21 13	12 55	0 s31	21 16	2 28	22 13	1 21	11 11	3 46	7 28	1 42	20 5	1 6	11 9	0 49	19 42	1 9	8 47	14 47	14 23	13 53	14 14			n.a.
W28	21 2	9 7	1 42	21 28	2 15	21 58	1 22	11 12	3 47	7 29	1 43	20 6	1 6	11 10	0 49	19 42	1 9	8 47	14 47	14 22	13 54	14 16			n.a.
T 29	20 49	4 49	2 49	21 41	2 3	21 42	1 23	11 14	3 49	7 31	1 43	20 7	1 6	11 10	0 49	19 41	1 9	8 48	14 47	14 22	13 55	14 17			n.a.
F 30	20 37	0 12	3 47	21 54	1 50	21 26	1 23	11 16	3 50	7 32	1 43	20 8	1 6	11 11	0 49	19 41	1 9	8 48	14 48	14 21	13 56	14 19			n.a.
S 31	20 s24	4n29	4 s32	22 s 6	1n37	21 s 9	1 s24	11n19	3n51	7n34	1n43	20 s 9	1n 6	11n12	0n50	19n41	1 s 9	8n49	14n48	14n21	13n58	14 s21			n.a.

Julian Day Number = 1275087.5, Delta T = 08h13m28s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'30, Lahiri = -20°49'29 Julian Calendar 1 Jan. 1222 BCE == Greg. Calendar 21 Dec. 1223 BCE

The year -1221 astronomical counting style corresponds to year 1222 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1222 BCE
geocentric

FEBRUARY 1222 BCE (-1221) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 57 43	1♒23'27	6♉ 1	6♋11	4♒21	10°R25	15°R 0	3♐41	3°R21	1°R33	11°R54	22°R10	23♌18	25♏ 7	n.a.	S 1
M 2	8 1 40	2°23'12	20°16	6°38	5°35	10♍21	14♍56	3°46	3♍19	1♊33	11♎54	22♌10	23°15	25°13	n.a.	M 2
T 3	8 5 36	3°22'55	4♊40	7°10	6°50	10°15	14°52	3°51	3°17	1°32	11°53	22° 8	23°12	25°20	n.a.	T 3
W 4	8 9 33	4°22'35	19°10	7°46	8° 4	10° 9	14°48	3°55	3°15	1°32	11°53	22° 6	23° 8	25°27	n.a.	W 4
T 5	8 13 29	5°22'13	3♋40	8°26	9°19	10° 2	14°43	4° 0	3°13	1°31	11°53	22° 3	23° 5	25°33	n.a.	T 5
F 6	8 17 26	6°21'48	18° 4	9°10	10°33	9°54	14°39	4° 4	3°11	1°30	11°52	22° 1	23° 2	25°40	n.a.	F 6
S 7	8 21 22	7°21'21	2♌17	9°58	11°48	9°45	14°34	4° 9	3° 8	1°30	11°52	22° 0	22°59	25°47	n.a.	S 7
S 8	8 25 19	8°20'52	16°15	10°48	13° 3	9°36	14°29	4°13	3° 6	1°29	11°52	21°D59	22°56	25°54	n.a.	S 8
M 9	8 29 16	9°20'21	29°53	11°42	14°17	9°26	14°24	4°17	3° 4	1°29	11°51	21°59	22°53	26° 0	n.a.	M 9
T 10	8 33 12	10°19'48	13♍ 9	12°39	15°31	9°15	14°19	4°22	3° 2	1°29	11°51	22° 0	22°49	26° 7	n.a.	T 10
W11	8 37 9	11°19'12	26° 5	13°39	16°46	9° 4	14°14	4°26	2°59	1°28	11°50	22° 1	22°46	26°14	n.a.	W11
T 12	8 41 5	12°18'35	8♎41	14°41	18° 0	8°51	14° 9	4°30	2°57	1°28	11°49	22° 2	22°43	26°21	n.a.	T 12
F 13	8 45 2	13°17'55	21° 0	15°46	19°15	8°38	14° 3	4°34	2°55	1°28	11°49	22° 3	22°40	26°27	n.a.	F 13
S 14	8 48 58	14°17'14	3♏ 5	16°54	20°29	8°24	13°57	4°37	2°52	1°27	11°48	22° 3	22°37	26°34	n.a.	S 14
S 15	8 52 55	15°16'31	15° 3	18° 3	21°44	8°10	13°51	4°41	2°50	1°27	11°47	22°R 3	22°33	26°41	n.a.	S 15
M16	8 56 51	16°15'46	26°56	19°15	22°58	7°55	13°45	4°45	2°47	1°27	11°47	22° 3	22°30	26°47	n.a.	M16
T 17	9 0 48	17°14'59	8♐49	20°28	24°12	7°39	13°39	4°49	2°45	1°27	11°46	22° 3	22°27	26°54	n.a.	T 17
W18	9 4 44	18°14'10	20°48	21°44	25°27	7°22	13°33	4°52	2°43	1°27	11°45	22° 3	22°24	27° 1	n.a.	W18
T 19	9 8 41	19°13'19	2♋55	23° 2	26°41	7° 5	13°27	4°55	2°40	1°26	11°44	22° 2	22°21	27° 8	n.a.	T 19
F 20	9 12 38	20°12'26	15°15	24°21	27°55	6°47	13°20	4°59	2°38	1°26	11°44	22° 2	22°18	27°14	n.a.	F 20
S 21	9 16 34	21°11'31	27°49	25°42	29°10	6°29	13°14	5° 2	2°35	1°26	11°43	22° 2	22°14	27°21	n.a.	S 21
S 22	9 20 31	22°10'34	10♒40	27° 5	0♓24	6°10	13° 7	5° 5	2°33	1°D26	11°42	22°D 2	22°11	27°28	n.a.	S 22
M23	9 24 27	23° 9'35	23°48	28°30	1°38	5°51	13° 0	5° 8	2°30	1°26	11°41	22°R 2	22° 8	27°35	n.a.	M23
T 24	9 28 24	24° 8'34	7♓12	29°57	2°52	5°31	12°54	5°11	2°28	1°26	11°40	22° 2	22° 5	27°41	n.a.	T 24
W25	9 32 20	25° 7'30	20°50	1♒24	4° 7	5°10	12°47	5°14	2°25	1°26	11°39	22° 1	22° 2	27°48	n.a.	W25
T 26	9 36 17	26° 6'24	4♈41	2°54	5°21	4°50	12°40	5°17	2°22	1°27	11°38	22° 1	21°59	27°55	n.a.	T 26
F 27	9 40 13	27° 5'16	18°42	4°25	6°35	4°28	12°33	5°20	2°20	1°27	11°37	22° 0	21°55	28° 1	n.a.	F 27
S 28	9 44 10	28♒ 4'05	2♉50	5♒58	7♓49	4♍ 7	12♍25	5♐23	2♍17	1♊27	11♎36	22♌ 0	21♌52	28♏ 8	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	20s11	8n59	5s 3	22s18	1n24	20s51	1s24	11n22	3n53	7n36	1n44	20s10	1n 6	11n13	0n50	19n41	1s 9	8n49	14n49	14n21	13n59	14s22			n.a.	S 1
M 2	19 57	13 3	5 15	22 29	1 11	20 33	1 25	11 25	3 54	7 37	1 44	20 11	1 6	11 13	0 50	19 41	1 9	8 49	14 49	14 21	14 0	14 24			n.a.	M 2
T 3	19 43	16 23	5 8	22 40	0 59	20 14	1 25	11 28	3 55	7 39	1 44	20 11	1 6	11 14	0 50	19 41	1 9	8 50	14 50	14 22	14 1	14 25			n.a.	T 3
W 4	19 29	18 43	4 41	22 50	0 47	19 55	1 25	11 31	3 56	7 41	1 44	20 12	1 6	11 15	0 50	19 41	1 9	8 50	14 50	14 23	14 2	14 27			n.a.	W 4
T 5	19 14	19 51	3 56	22 59	0 35	19 35	1 25	11 35	3 58	7 43	1 45	20 13	1 6	11 16	0 50	19 41	1 9	8 51	14 50	14 23	14 3	14 29			n.a.	T 5
F 6	19 0	19 41	2 57	23 8	0 23	19 15	1 25	11 39	3 59	7 45	1 45	20 14	1 6	11 17	0 50	19 41	1 9	8 52	14 51	14 24	14 4	14 30			n.a.	F 6
S 7	18 44	18 15	1 47	23 16	0 12	18 54	1 25	11 43	4 0	7 47	1 45	20 15	1 6	11 17	0 50	19 41	1 9	8 52	14 51	14 24	14 5	14 32			n.a.	S 7
S 8	18 29	15 44	0 32	23 22	0 1	18 33	1 25	11 48	4 1	7 49	1 45	20 16	1 6	11 18	0 50	19 41	1 9	8 53	14 52	14 25	14 6	14 34			n.a.	S 8
M 9	18 13	12 23	0n44	23 28	0s10	18 11	1 25	11 53	4 2	7 51	1 45	20 16	1 6	11 19	0 50	19 41	1 9	8 53	14 52	14 25	14 7	14 35			n.a.	M 9
T 10	17 57	8 29	1 55	23 33	0 20	17 48	1 25	11 58	4 3	7 53	1 46	20 17	1 6	11 20	0 50	19 41	1 9	8 54	14 52	14 24	14 8	14 37			n.a.	T 10
W11	17 40	4 18	2 58	23 37	0 30	17 25	1 25	12 3	4 3	7 56	1 46	20 18	1 6	11 21	0 50	19 41	1 9	8 54	14 53	14 24	14 9	14 38			n.a.	W11
T 12	17 23	0 2	3 51	23 40	0 39	17 2	1 25	12 8	4 4	7 58	1 46	20 19	1 6	11 22	0 50	19 41	1 9	8 55	14 53	14 24	14 10	14 40			n.a.	T 12
F 13	17 6	4s 8	4 32	23 41	0 48	16 38	1 24	12 14	4 5	8 0	1 46	20 19	1 6	11 23	0 50	19 41	1 9	8 55	14 54	14 24	14 11	14 42			n.a.	F 13
S 14	16 49	8 3	5 0	23 41	0 57	16 14	1 24	12 20	4 5	8 3	1 47	20 20	1 6	11 24	0 50	19 41	1 9	8 56	14 54	14 23	14 12	14 43			n.a.	S 14
S 15	16 31	11 36	5 15	23 40	1 5	15 49	1 24	12 26	4 6	8 5	1 47	20 21	1 6	11 24	0 50	19 41	1 9	8 57	14 54	14 23	14 13	14 45			n.a.	S 15
M16	16 13	14 40	5 16	23 38	1 13	15 24	1 23	12 32	4 7	8 8	1 47	20 21	1 6	11 25	0 50	19 41	1 9	8 57	14 55	14 23	14 14	14 46			n.a.	M16
T 17	15 55	17 8	5 4	23 34	1 20	14 58	1 22	12 39	4 7	8 10	1 47	20 22	1 6	11 26	0 50	19 41	1 8	8 58	14 55	14 23	14 16	14 48			n.a.	T 17
W18	15 37	18 53	4 38	23 29	1 27	14 32	1 22	12 45	4 7	8 13	1 47	20 23	1 6	11 27	0 50	19 41	1 8	8 59	14 55	14 24	14 17	14 50			n.a.	W18
T 19	15 18	19 48	4 0	23 22	1 34	14 6	1 21	12 52	4 7	8 16	1 47	20 23	1 6	11 28	0 50	19 41	1 8	8 59	14 56	14 24	14 18	14 51			n.a.	T 19
F 20	14 59	19 48	3 10	23 14	1 40	13 39	1 20	12 59	4 8	8 18	1 48	20 24	1 6	11 29	0 50	19 41	1 8	9 0	14 56	14 24	14 19	14 53			n.a.	F 20
S 21	14 40	18 49	2 10	23 5	1 45	13 12	1 20	13 6	4 8	8 21	1 48	20 24	1 6	11 30	0 50	19 41	1 8	9 0	14 56	14 24	14 20	14 54			n.a.	S 21
S 22	14 21	16 51	1 3	22 54	1 50	12 44	1 19	13 13	4 8	8 24	1 48	20 25	1 6	11 31	0 50	19 41	1 8	9 1	14 57	14 24	14 21	14 56			n.a.	S 22
M23	14 1	13 58	0s10	22 41	1 55	12 17	1 18	13 21	4 8	8 26	1 48	20 25	1 7	11 32	0 50	19 41	1 8	9 2	14 57	14 24	14 22	14 57			n.a.	M23
T 24	13 42	10 18	1 23	22 27	2 0	11 49	1 17	13 28	4 7	8 29	1 48	20 26	1 7	11 33	0 50	19 41	1 8	9 2	14 57	14 24	14 23	14 59			n.a.	T 24
W25	13 22	6 2	2 33	22 11	2 3	11 20	1 16	13 35	4 7	8 32	1 48	20 26	1 7	11 34	0 50	19 41	1 8	9 3	14 58	14 24	14 24	15 1			n.a.	W25
T 26	13 1	1 23	3 35	21 53	2 7	10 52	1 15	13 43	4 7	8 35	1 48	20 27	1 7	11 35	0 50	19 41	1 8	9 4	14 58	14 24	14 25	15 2			n.a.	T 26
F 27	12 41	3n22	4 25	21 34	2 10	10 23	1 13	13 50	4 6	8 38	1 48	20 27	1 7	11 36	0 50	19 41	1 8	9 4	14 58	14 24	14 26	15 4			n.a.	F 27
S 28	12s21	7n59	4s59	21s13	2s12	9s53	1s12	13n57	4n 5	8n41	1n49	20s28	1n 7	11n36	0n50	19n41	1s 8	9n 5	14n59	14n24	14n27	15s 5			n.a.	S 28

Julian Day Number = 1275118.5, Delta T = 08h13m27s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'26, Lahiri = -20°49'25 Julian Calendar 1 Feb. 1222 BCE == Greg. Calendar 21 Jan. 1222 BCE

The year -1221 astronomical counting style corresponds to year 1222 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1222 BCE
geocentric

MARCH 1222 BCE (-1221) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 48 6	29♒ 2'52	17♉ 2	7♒32	9♓ 3	3°R45	12°R18	5♐25	2°R15	1♊27	11°R35	21°R59	21♌49	28♏15	n.a.	S 1
M 2	9 52 3	0♓ 1'37	1♊16	9° 8	10°17	3♍23	12♍11	5°28	2♍12	1°27	11♎34	21°D59	21°46	28°22	n.a.	M 2
T 3	9 56 0	1° 0'19	15°28	10°46	11°31	3° 1	12° 4	5°30	2°10	1°28	11°33	22♌ 0	21°43	28°28	n.a.	T 3
W 4	9 59 56	1°58'59	29°37	12°24	12°45	2°38	11°56	5°32	2° 7	1°28	11°31	22° 0	21°39	28°35	n.a.	W 4
T 5	10 3 53	2°57'36	13♋40	14° 5	13°59	2°16	11°49	5°35	2° 4	1°28	11°30	22° 1	21°36	28°42	n.a.	T 5
F 6	10 7 49	3°56'11	27°35	15°47	15°13	1°53	11°41	5°37	2° 2	1°29	11°29	22° 2	21°33	28°49	n.a.	F 6
S 7	10 11 46	4°54'44	11♌20	17°31	16°27	1°31	11°34	5°39	1°59	1°29	11°28	22° 3	21°30	28°55	n.a.	S 7
S 8	10 15 42	5°53'15	24°53	19°16	17°41	1° 8	11°26	5°41	1°57	1°30	11°27	22°R 3	21°27	29° 2	n.a.	S 8
M 9	10 19 39	6°51'43	8♍11	21° 3	18°55	0°46	11°18	5°42	1°54	1°30	11°25	22° 2	21°24	29° 9	n.a.	M 9
T 10	10 23 35	7°50'10	21°14	22°51	20° 9	0°23	11°11	5°44	1°52	1°31	11°24	22° 1	21°20	29°15	n.a.	T 10
W11	10 27 32	8°48'34	4♎ 1	24°41	21°23	0° 1	11° 3	5°46	1°49	1°31	11°23	21°59	21°17	29°22	n.a.	W11
T 12	10 31 28	9°46'57	16°33	26°32	22°37	29♌39	10°55	5°47	1°46	1°32	11°21	21°56	21°14	29°29	n.a.	T 12
F 13	10 35 25	10°45'17	28°50	28°26	23°51	29°17	10°48	5°49	1°44	1°32	11°20	21°54	21°11	29°36	n.a.	F 13
S 14	10 39 22	11°43'36	10♏57	0♓20	25° 4	28°56	10°40	5°50	1°41	1°33	11°19	21°51	21° 8	29°42	n.a.	S 14
S 15	10 43 18	12°41'54	22°55	2°17	26°18	28°34	10°32	5°51	1°39	1°34	11°17	21°49	21° 4	29°49	n.a.	S 15
M16	10 47 15	13°40'09	4♐48	4°14	27°32	28°13	10°25	5°53	1°36	1°34	11°16	21°48	21° 1	29°56	n.a.	M16
T 17	10 51 11	14°38'23	16°42	6°14	28°46	27°53	10°17	5°54	1°34	1°35	11°14	21°D47	20°58	0♐ 2	n.a.	T 17
W18	10 55 8	15°36'35	28°40	8°15	29°59	27°33	10° 9	5°55	1°31	1°36	11°13	21°48	20°55	0° 9	n.a.	W18
T 19	10 59 4	16°34'46	10♑48	10°17	1♈13	27°13	10° 2	5°55	1°29	1°37	11°11	21°49	20°52	0°16	n.a.	T 19
F 20	11 3 1	17°32'55	23°10	12°21	2°27	26°54	9°54	5°56	1°26	1°38	11°10	21°51	20°49	0°23	n.a.	F 20
S 21	11 6 57	18°31'03	5♒49	14°26	3°41	26°35	9°47	5°57	1°24	1°39	11° 9	21°52	20°45	0°29	n.a.	S 21
S 22	11 10 54	19°29'08	18°49	16°32	4°54	26°17	9°39	5°58	1°22	1°39	11° 7	21°R53	20°42	0°36	n.a.	S 22
M23	11 14 51	20°27'13	2♓12	18°40	6° 8	26° 0	9°32	5°58	1°19	1°40	11° 5	21°53	20°39	0°43	n.a.	M23
T 24	11 18 47	21°25'15	15°56	20°48	7°21	25°43	9°24	5°58	1°17	1°41	11° 4	21°51	20°36	0°50	n.a.	T 24
W25	11 22 44	22°23'15	29°59	22°57	8°35	25°27	9°17	5°59	1°14	1°42	11° 2	21°48	20°33	0°56	n.a.	W25
T 26	11 26 40	23°21'14	14♈19	25° 6	9°48	25°12	9°10	5°59	1°12	1°43	11° 1	21°44	20°30	1° 3	n.a.	T 26
F 27	11 30 37	24°19'11	28°48	27°16	11° 2	24°57	9° 3	5°R59	1°10	1°44	10°59	21°39	20°26	1°10	n.a.	F 27
S 28	11 34 33	25°17'06	13♉21	29°25	12°15	24°43	8°55	5°59	1° 8	1°45	10°58	21°34	20°23	1°16	n.a.	S 28
S 29	11 38 30	26°14'59	27°51	1♈34	13°29	24°30	8°48	5°59	1° 5	1°47	10°56	21°31	20°20	1°23	n.a.	S 29
M30	11 42 26	27°12'51	12♊15	3°43	14°42	24°17	8°41	5°59	1° 3	1°48	10°54	21°28	20°17	1°30	n.a.	M30
T 31	11 46 23	28♓10'40	26♊27	5♈51	15♈56	24♌ 6	8♍34	5♐58	1♍ 1	1♊49	10♎53	21°D27	20♌14	1♐37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	12s 0	12n10	5s16	20s51	2s14	9s24	1s11	14n 5	4n 5	8n44	1n49	20s28	1n 7	11n37	0n50	19n41	1s 8	9n 6	14n59	14n25	14n28	15s 7			n.a.
M 2	11 39	15 39	5 13	20 27	2 16	8 54	1 9	14 12	4 4	8 46	1 49	20 29	1 7	11 38	0 50	19 41	1 8	9 7	14 59	14 25	14 29	15 9			n.a.
T 3	11 18	18 13	4 51	20 1	2 17	8 24	1 8	14 20	4 3	8 49	1 49	20 29	1 7	11 39	0 50	19 41	1 8	9 7	15 0	14 25	14 30	15 10			n.a.
W 4	10 57	19 39	4 11	19 33	2 17	7 54	1 7	14 27	4 2	8 52	1 49	20 29	1 7	11 40	0 50	19 42	1 8	9 8	15 0	14 24	14 31	15 12			n.a.
T 5	10 35	19 52	3 17	19 4	2 17	7 24	1 5	14 34	4 1	8 55	1 49	20 30	1 7	11 41	0 50	19 42	1 8	9 9	15 0	14 24	14 32	15 13			n.a.
F 6	10 14	18 51	2 11	18 32	2 16	6 53	1 4	14 41	3 59	8 58	1 49	20 30	1 7	11 42	0 50	19 42	1 8	9 9	15 0	14 24	14 33	15 15			n.a.
S 7	9 52	16 43	0 59	17 59	2 15	6 23	1 2	14 48	3 58	9 1	1 49	20 30	1 7	11 43	0 50	19 42	1 8	9 10	15 1	14 24	14 34	15 16			n.a.
S 8	9 30	13 41	0n16	17 24	2 14	5 52	1 0	14 55	3 56	9 4	1 49	20 31	1 7	11 44	0 50	19 42	1 8	9 11	15 1	14 24	14 35	15 18			n.a.
M 9	9 8	10 0	1 28	16 48	2 12	5 21	0 59	15 2	3 55	9 7	1 49	20 31	1 7	11 45	0 50	19 42	1 8	9 11	15 1	14 24	14 36	15 19			n.a.
T 10	8 46	5 53	2 34	16 9	2 9	4 50	0 57	15 9	3 53	9 10	1 49	20 31	1 7	11 46	0 50	19 42	1 7	9 12	15 1	14 24	14 37	15 21			n.a.
W11	8 24	1 36	3 31	15 29	2 6	4 19	0 55	15 15	3 51	9 13	1 49	20 31	1 7	11 47	0 50	19 43	1 7	9 13	15 2	14 25	14 38	15 23			n.a.
T 12	8 2	2s40	4 17	14 47	2 2	3 47	0 53	15 21	3 50	9 16	1 49	20 32	1 7	11 48	0 50	19 43	1 7	9 14	15 2	14 26	14 40	15 24			n.a.
F 13	7 39	6 44	4 50	14 3	1 58	3 16	0 51	15 27	3 48	9 19	1 49	20 32	1 7	11 49	0 50	19 43	1 7	9 14	15 2	14 27	14 41	15 26			n.a.
S 14	7 17	10 28	5 9	13 18	1 53	2 44	0 49	15 33	3 45	9 22	1 49	20 32	1 7	11 50	0 50	19 43	1 7	9 15	15 2	14 27	14 42	15 27			n.a.
S 15	6 54	13 44	5 15	12 31	1 48	2 13	0 47	15 39	3 43	9 25	1 49	20 32	1 7	11 50	0 50	19 43	1 7	9 16	15 2	14 28	14 43	15 29			n.a.
M16	6 32	16 25	5 7	11 42	1 42	1 41	0 45	15 44	3 41	9 28	1 49	20 32	1 7	11 51	0 50	19 43	1 7	9 16	15 3	14 29	14 44	15 30			n.a.
T 17	6 9	18 25	4 46	10 51	1 35	1 9	0 43	15 49	3 39	9 31	1 49	20 33	1 7	11 52	0 50	19 44	1 7	9 17	15 3	14 29	14 45	15 32			n.a.
W18	5 46	19 38	4 12	9 59	1 28	0 38	0 41	15 54	3 36	9 34	1 49	20 33	1 7	11 53	0 50	19 44	1 7	9 18	15 3	14 28	14 46	15 33			n.a.
T 19	5 23	19 57	3 27	9 5	1 21	0 6	0 39	15 59	3 34	9 37	1 49	20 33	1 7	11 54	0 50	19 44	1 7	9 19	15 3	14 28	14 47	15 35			n.a.
F 20	5 0	19 20	2 31	8 10	1 13	0n26	0 37	16 3	3 31	9 40	1 49	20 33	1 7	11 55	0 50	19 44	1 7	9 19	15 3	14 27	14 48	15 36			n.a.
S 21	4 37	17 43	1 27	7 13	1 5	0 58	0 34	16 7	3 29	9 42	1 49	20 33	1 7	11 56	0 50	19 44	1 7	9 20	15 3	14 27	14 49	15 38			n.a.
S 22	4 14	15 10	0 17	6 15	0 56	1 29	0 32	16 11	3 26	9 45	1 49	20 33	1 7	11 57	0 50	19 45	1 7	9 21	15 4	14 27	14 50	15 40			n.a.
M23	3 51	11 44	0s56	5 16	0 46	2 1	0 30	16 15	3 24	9 48	1 49	20 33	1 8	11 57	0 50	19 45	1 7	9 21	15 4	14 27	14 51	15 41			n.a.
T 24	3 27	7 36	2 8	4 16	0 37	2 33	0 28	16 18	3 21	9 51	1 49	20 33	1 8	11 58	0 50	19 45	1 7	9 22	15 4	14 27	14 52	15 43			n.a.
W25	3 4	2 57	3 13	3 15	0 27	3 4	0 25	16 21	3 18	9 54	1 49	20 33	1 8	11 59	0 50	19 45	1 7	9 23	15 4	14 28	14 53	15 44			n.a.
T 26	2 41	1n56	4 8	2 14	0 16	3 36	0 23	16 23	3 15	9 56	1 49	20 33	1 8	12 0	0 50	19 46	1 7	9 24	15 4	14 30	14 54	15 46			n.a.
F 27	2 18	6 46	4 47	1 12	0 6	4 7	0 20	16 26	3 12	9 59	1 48	20 33	1 8	12 1	0 50	19 46	1 7	9 24	15 4	14 31	14 55	15 47			n.a.
S 28	1 54	11 13	5 8	0 10	0n 5	4 39	0 18	16 28	3 9	10 2	1 48	20 33	1 8	12 2	0 50	19 46	1 7	9 25	15 4	14 33	14 56	15 49			n.a.
S 29	1 31	14 59	5 10	0n52	0 15	5 10	0 16	16 30	3 6	10 4	1 48	20 33	1 8	12 2	0 50	19 46	1 7	9 26	15 4	14 34	14 57	15 50			n.a.
M30	1 8	17 49	4 51	1 54	0 26	5 41	0 13	16 31	3 3	10 7	1 48	20 33	1 8	12 3	0 50	19 47	1 7	9 26	15 4	14 35	14 58	15 52			n.a.
T 31	0s44	19n32	4s15	2n55	0n37	6n12	0s11	16n32	3n 0	10n 9	1n48	20s33	1n 8	12n 4	0n50	19n47	1s 6	9n27	15n 4	14n35	14n59	15s53			n.a.

Julian Day Number = 1275146.5, Delta T = 08h13m25s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'22, Lahiri = -20°49'21 Julian Calendar 1 March 1222 BCE == Greg. Calendar 18 Feb. 1222 BCE

The year -1221 astronomical counting style corresponds to year 1222 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1222 BCE
geocentric

APRIL 1222 BCE (-1221) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 50 19	29♓ 8'28	10♋27	7♈57	17♈ 9	23°R55	8°R28	5°R58	0°R59	1♊50	10°R51	21♌28	20♌10	1♐43	n.a.	W 1
T 2	11 54 16	0♈ 6'13	24°13	10° 2	18°23	23♌45	8♍21	5♐58	0♍56	1°51	10♎50	21°29	20° 7	1°50	n.a.	T 2
F 3	11 58 13	1° 3'57	7♌47	12° 6	19°36	23°35	8°14	5°57	0°54	1°53	10°48	21°30	20° 4	1°57	n.a.	F 3
S 4	12 2 9	2° 1'39	21° 7	14° 7	20°49	23°27	8° 8	5°56	0°52	1°54	10°46	21°R31	20° 1	2° 3	n.a.	S 4
S 5	12 6 6	2°59'19	4♍15	16° 7	22° 2	23°19	8° 1	5°56	0°50	1°55	10°45	21°30	19°58	2°10	n.a.	S 5
M 6	12 10 2	3°56'57	17°11	18° 3	23°16	23°12	7°55	5°55	0°48	1°56	10°43	21°28	19°55	2°17	n.a.	M 6
T 7	12 13 59	4°54'34	29°55	19°58	24°29	23° 6	7°49	5°54	0°46	1°58	10°41	21°23	19°51	2°24	n.a.	T 7
W 8	12 17 55	5°52'10	12♎28	21°49	25°42	23° 1	7°43	5°53	0°44	1°59	10°40	21°16	19°48	2°30	n.a.	W 8
T 9	12 21 52	6°49'44	24°50	23°38	26°55	22°57	7°37	5°52	0°42	2° 1	10°38	21° 9	19°45	2°37	n.a.	T 9
F 10	12 25 48	7°47'17	7♏ 1	25°24	28° 8	22°53	7°31	5°50	0°40	2° 2	10°36	21° 0	19°42	2°44	n.a.	F 10
S 11	12 29 45	8°44'48	19° 4	27° 6	29°21	22°50	7°25	5°49	0°39	2° 4	10°35	20°52	19°39	2°50	n.a.	S 11
S 12	12 33 42	9°42'19	1♐ 0	28°46	0♑35	22°48	7°20	5°48	0°37	2° 5	10°33	20°44	19°35	2°57	n.a.	S 12
M13	12 37 38	10°39'48	12°52	0♑22	1°48	22°47	7°14	5°46	0°35	2° 7	10°31	20°39	19°32	3° 4	n.a.	M13
T 14	12 41 35	11°37'16	24°45	1°56	3° 1	22°D46	7° 9	5°44	0°33	2° 8	10°30	20°35	19°29	3°11	n.a.	T 14
W15	12 45 31	12°34'44	6♒41	3°25	4°14	22°47	7° 4	5°43	0°32	2°10	10°28	20°34	19°26	3°17	n.a.	W15
T 16	12 49 28	13°32'10	18°47	4°52	5°27	22°48	6°59	5°41	0°30	2°11	10°26	20°D33	19°23	3°24	n.a.	T 16
F 17	12 53 24	14°29'36	1♓ 7	6°15	6°40	22°50	6°54	5°39	0°28	2°13	10°25	20°34	19°20	3°31	n.a.	F 17
S 18	12 57 21	15°27'00	13°47	7°35	7°52	22°52	6°49	5°37	0°27	2°14	10°23	20°35	19°16	3°38	n.a.	S 18
S 19	13 1 17	16°24'24	26°49	8°52	9° 5	22°56	6°45	5°35	0°25	2°16	10°21	20°R35	19°13	3°44	n.a.	S 19
M20	13 5 14	17°21'47	10♓17	10° 4	10°18	23° 0	6°40	5°33	0°24	2°18	10°20	20°34	19°10	3°51	n.a.	M20
T 21	13 9 11	18°19'09	24°13	11°14	11°31	23° 5	6°36	5°31	0°22	2°19	10°18	20°30	19° 7	3°58	n.a.	T 21
W22	13 13 7	19°16'30	8♈33	12°20	12°44	23°10	6°32	5°29	0°21	2°21	10°16	20°23	19° 4	4° 4	n.a.	W22
T 23	13 17 4	20°13'50	23°14	13°22	13°57	23°17	6°28	5°26	0°19	2°23	10°15	20°15	19° 1	4°11	n.a.	T 23
F 24	13 21 0	21°11'09	8♉ 8	14°20	15° 9	23°24	6°24	5°24	0°18	2°25	10°13	20° 6	18°57	4°18	n.a.	F 24
S 25	13 24 57	22° 8'27	23° 6	15°15	16°22	23°32	6°21	5°21	0°17	2°26	10°12	19°57	18°54	4°25	n.a.	S 25
S 26	13 28 53	23° 5'44	7♊59	16° 5	17°35	23°40	6°17	5°19	0°16	2°28	10°10	19°50	18°51	4°31	n.a.	S 26
M27	13 32 50	24° 3'00	22°39	16°52	18°48	23°49	6°14	5°16	0°14	2°30	10° 8	19°44	18°48	4°38	n.a.	M27
T 28	13 36 46	25° 0'15	7♋ 2	17°35	20° 0	23°59	6°11	5°13	0°13	2°32	10° 7	19°41	18°45	4°45	n.a.	T 28
W29	13 40 43	25°57'29	21° 3	18°13	21°13	24° 9	6° 8	5°10	0°12	2°34	10° 5	19°D39	18°41	4°51	n.a.	W29
T 30	13 44 40	26♈54'42	4♌44	18♉48	22♉25	24♌21	6♍ 6	5♐ 7	0♍11	2♊36	10♎ 4	19♌39	18♌38	4♐58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s21	20n 1	3s25	3n56	0n47	6n43	0s 8	16n33	2n57	10n12	1n48	20s33	1n 8	12n 5	0n50	19n47	1s 6	9n28	15n 4	14n35	15n 0	15s55		n.a.
T 2	0n 3	19 17	2 23	4 55	0 58	7 14	0 6	16 34	2 54	10 14	1 48	20 33	1 8	12 5	0 50	19 48	1 6	9 28	15 4	14 35	15 1	15 56		n.a.
F 3	0 26	17 26	1 14	5 54	1 8	7 45	0 3	16 34	2 51	10 17	1 48	20 33	1 8	12 6	0 50	19 48	1 6	9 29	15 5	14 34	15 2	15 58		n.a.
S 4	0 49	14 40	0 2	6 51	1 18	8 15	0 0	16 34	2 48	10 19	1 47	20 33	1 8	12 7	0 50	19 48	1 6	9 30	15 5	14 34	15 3	15 59		n.a.
S 5	1 12	11 11	1n 9	7 46	1 27	8 45	0n 2	16 34	2 45	10 21	1 47	20 32	1 8	12 8	0 50	19 49	1 6	9 30	15 5	14 34	15 4	16 1		n.a.
M 6	1 36	7 12	2 14	8 40	1 36	9 15	0 5	16 33	2 42	10 23	1 47	20 32	1 8	12 8	0 49	19 49	1 6	9 31	15 5	14 35	15 5	16 2		n.a.
T 7	1 59	2 58	3 13	9 32	1 44	9 45	0 7	16 32	2 39	10 26	1 47	20 32	1 8	12 9	0 49	19 49	1 6	9 32	15 5	14 37	15 6	16 4		n.a.
W 8	2 22	1s20	4 0	10 22	1 52	10 15	0 10	16 31	2 36	10 28	1 47	20 32	1 8	12 10	0 49	19 49	1 6	9 32	15 5	14 39	15 7	16 5		n.a.
T 9	2 45	5 30	4 36	11 10	1 59	10 44	0 13	16 30	2 33	10 30	1 47	20 32	1 8	12 10	0 49	19 50	1 6	9 33	15 5	14 41	15 8	16 7		n.a.
F 10	3 8	9 23	4 58	11 55	2 5	11 13	0 15	16 28	2 30	10 32	1 46	20 31	1 8	12 11	0 49	19 50	1 6	9 34	15 4	14 44	15 9	16 8		n.a.
S 11	3 31	12 51	5 7	12 39	2 11	11 42	0 18	16 26	2 27	10 34	1 46	20 31	1 8	12 12	0 49	19 50	1 6	9 34	15 4	14 47	15 10	16 10		n.a.
S 12	3 54	15 46	5 2	13 20	2 16	12 11	0 20	16 24	2 24	10 36	1 46	20 31	1 8	12 12	0 49	19 51	1 6	9 35	15 4	14 49	15 11	16 11		n.a.
M13	4 17	18 1	4 45	13 59	2 21	12 39	0 23	16 22	2 21	10 38	1 46	20 31	1 8	12 13	0 49	19 51	1 6	9 35	15 4	14 51	15 12	16 13		n.a.
T 14	4 40	19 29	4 15	14 35	2 24	13 7	0 26	16 19	2 18	10 39	1 46	20 30	1 8	12 14	0 49	19 51	1 6	9 36	15 4	14 52	15 13	16 14		n.a.
W15	5 3	20 7	3 33	15 10	2 27	13 35	0 28	16 16	2 15	10 41	1 45	20 30	1 8	12 14	0 49	19 52	1 6	9 37	15 4	14 53	15 14	16 16		n.a.
T 16	5 26	19 49	2 42	15 42	2 29	14 2	0 31	16 13	2 12	10 43	1 45	20 30	1 8	12 15	0 49	19 52	1 6	9 37	15 4	14 53	15 15	16 17		n.a.
F 17	5 48	18 34	1 43	16 11	2 30	14 29	0 33	16 9	2 9	10 44	1 45	20 29	1 8	12 15	0 49	19 53	1 6	9 38	15 4	14 52	15 16	16 19		n.a.
S 18	6 11	16 23	0 37	16 38	2 31	14 56	0 36	16 6	2 6	10 46	1 45	20 29	1 8	12 16	0 49	19 53	1 6	9 38	15 4	14 52	15 17	16 20		n.a.
S 19	6 33	13 18	0s33	17 3	2 30	15 22	0 38	16 2	2 3	10 48	1 44	20 28	1 8	12 16	0 49	19 53	1 6	9 39	15 4	14 52	15 18	16 21		n.a.
M20	6 56	9 26	1 44	17 26	2 29	15 48	0 41	15 58	2 0	10 49	1 44	20 28	1 8	12 17	0 49	19 54	1 6	9 39	15 4	14 53	15 19	16 23		n.a.
T 21	7 18	4 56	2 50	17 46	2 27	16 14	0 44	15 53	1 57	10 50	1 44	20 28	1 8	12 17	0 49	19 54	1 6	9 40	15 4	14 54	15 20	16 24		n.a.
W22	7 40	0 2	3 47	18 4	2 24	16 39	0 46	15 49	1 54	10 52	1 44	20 27	1 8	12 18	0 49	19 54	1 6	9 40	15 3	14 56	15 21	16 26		n.a.
T 23	8 2	4n59	4 31	18 20	2 20	17 4	0 49	15 44	1 51	10 53	1 43	20 27	1 8	12 18	0 49	19 55	1 6	9 41	15 3	14 59	15 22	16 27		n.a.
F 24	8 24	9 46	4 57	18 34	2 16	17 28	0 51	15 39	1 48	10 54	1 43	20 26	1 8	12 19	0 49	19 55	1 6	9 41	15 3	15 1	15 23	16 29		n.a.
S 25	8 46	13 58	5 3	18 45	2 10	17 52	0 53	15 34	1 46	10 55	1 43	20 26	1 8	12 19	0 49	19 56	1 5	9 42	15 3	15 4	15 24	16 30		n.a.
S 26	9 7	17 15	4 49	18 54	2 4	18 15	0 56	15 28	1 43	10 56	1 43	20 25	1 8	12 20	0 49	19 56	1 5	9 42	15 3	15 7	15 25	16 32		n.a.
M27	9 29	19 23	4 16	19 1	1 57	18 38	0 58	15 22	1 40	10 57	1 42	20 25	1 8	12 20	0 49	19 56	1 5	9 43	15 3	15 9	15 26	16 33		n.a.
T 28	9 50	20 13	3 27	19 6	1 49	19 0	1 1	15 17	1 37	10 58	1 42	20 24	1 8	12 20	0 49	19 57	1 5	9 43	15 2	15 10	15 27	16 35		n.a.
W29	10 11	19 45	2 26	19 8	1 40	19 22	1 3	15 10	1 35	10 59	1 42	20 24	1 8	12 21	0 49	19 57	1 5	9 44	15 2	15 10	15 28	16 36		n.a.
T 30	10n32	18n 8	1s19	19n 9	1n30	19n44	1n 5	15n 4	1n32	11n 0	1n42	20s23	1n 8	12n21	0n49	19n58	1s 5	9n44	15n 2	15n10	15n29	16s37		n.a.

Julian Day Number = 1275177.5, Delta T = 08h13m23s
Ecliptic obliquity = 23°50'17, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'18, Lahiri = -20°49'17 Julian Calendar 1 Apr. 1222 BCE == Greg. Calendar 21 March 1222 BCE

The year -1221 astronomical counting style corresponds to year 1222 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1222 BCE
geocentric

MAY 1222 BCE (-1221) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 48 36	27♈51'53	18♌ 6	19♉18	23♉38	24♌32	6°R 3	5°R 4	0°R10	2♊38	10°R 2	19°R40	18♌35	5♐ 5	n.a.	F 1
S 2	13 52 33	28°49'04	1♍11	19°43	24°50	24°45	6♍ 1	5♐ 1	0♍ 9	2°39	10♎ 0	19♌39	18°32	5°12	n.a.	S 2
S 3	13 56 29	29°46'13	14° 1	20° 4	26° 3	24°58	5°58	4°58	0° 8	2°41	9°59	19°37	18°29	5°18	n.a.	S 3
M 4	14 0 26	0♉43'22	26°39	20°21	27°15	25°11	5°56	4°55	0° 7	2°43	9°57	19°32	18°26	5°25	n.a.	M 4
T 5	14 4 22	1°40'30	9♎ 6	20°33	28°28	25°26	5°55	4°52	0° 7	2°45	9°56	19°25	18°22	5°32	n.a.	T 5
W 6	14 8 19	2°37'37	21°24	20°41	29°40	25°40	5°53	4°48	0° 6	2°47	9°54	19°14	18°19	5°38	n.a.	W 6
T 7	14 12 15	3°34'44	3♏35	20°R44	0♊52	25°56	5°51	4°45	0° 5	2°49	9°53	19° 2	18°16	5°45	n.a.	T 7
F 8	14 16 12	4°31'50	15°38	20°42	2° 5	26°12	5°50	4°42	0° 4	2°51	9°51	18°49	18°13	5°52	n.a.	F 8
S 9	14 20 9	5°28'56	27°35	20°36	3°17	26°28	5°49	4°38	0° 4	2°53	9°50	18°37	18°10	5°59	n.a.	S 9
S 10	14 24 5	6°26'01	9♐29	20°26	4°29	26°45	5°48	4°35	0° 3	2°55	9°48	18°25	18° 6	6° 5	n.a.	S 10
M11	14 28 2	7°23'07	21°20	20°11	5°41	27° 3	5°47	4°31	0° 3	2°57	9°47	18°15	18° 3	6°12	n.a.	M11
T 12	14 31 58	8°20'12	3♑11	19°53	6°54	27°21	5°47	4°27	0° 2	2°59	9°46	18° 9	18° 0	6°19	n.a.	T 12
W13	14 35 55	9°17'17	15° 7	19°31	8° 6	27°39	5°46	4°23	0° 2	3° 1	9°44	18° 4	17°57	6°25	n.a.	W13
T 14	14 39 51	10°14'21	27°11	19° 5	9°18	27°58	5°46	4°20	0° 2	3° 3	9°43	18° 2	17°54	6°32	n.a.	T 14
F 15	14 43 48	11°11'26	9♒29	18°37	10°30	28°18	5°D46	4°16	0° 1	3° 6	9°41	18° 2	17°51	6°39	n.a.	F 15
S 16	14 47 44	12° 8'31	22° 5	18° 6	11°42	28°37	5°46	4°12	0° 1	3° 8	9°40	18° 2	17°47	6°46	n.a.	S 16
S 17	14 51 41	13° 5'36	5♓ 5	17°34	12°54	28°58	5°46	4° 8	0° 1	3°10	9°39	18° 1	17°44	6°52	n.a.	S 17
M18	14 55 38	14° 2'41	18°31	17° 0	14° 6	29°19	5°47	4° 4	0° 1	3°12	9°38	17°59	17°41	6°59	n.a.	M18
T 19	14 59 34	14°59'46	2♈27	16°24	15°18	29°40	5°47	4° 0	0° 1	3°14	9°36	17°54	17°38	7° 6	n.a.	T 19
W20	15 3 31	15°56'51	16°52	15°49	16°30	0♍ 2	5°48	3°56	0°D 1	3°16	9°35	17°47	17°35	7°12	n.a.	W20
T 21	15 7 27	16°53'56	1♉42	15°14	17°42	0°24	5°49	3°52	0° 1	3°18	9°34	17°37	17°32	7°19	n.a.	T 21
F 22	15 11 24	17°51'01	16°49	14°40	18°53	0°47	5°51	3°48	0° 1	3°20	9°33	17°26	17°28	7°26	n.a.	F 22
S 23	15 15 20	18°48'07	2♊ 4	14° 7	20° 5	1°10	5°52	3°44	0° 1	3°23	9°31	17°16	17°25	7°33	n.a.	S 23
S 24	15 19 17	19°45'12	17°14	13°37	21°17	1°33	5°53	3°39	0° 1	3°25	9°30	17° 6	17°22	7°39	n.a.	S 24
M25	15 23 14	20°42'17	2♋12	13° 9	22°29	1°57	5°55	3°35	0° 1	3°27	9°29	16°59	17°19	7°46	n.a.	M25
T 26	15 27 10	21°39'23	16°48	12°44	23°40	2°22	5°57	3°31	0° 2	3°29	9°28	16°54	17°16	7°53	n.a.	T 26
W27	15 31 7	22°36'28	0♌59	12°22	24°52	2°46	5°59	3°27	0° 2	3°31	9°27	16°52	17°12	7°59	n.a.	W27
T 28	15 35 3	23°33'32	14°44	12° 5	26° 3	3°11	6° 2	3°22	0° 2	3°34	9°26	16°52	17° 9	8° 6	n.a.	T 28
F 29	15 39 0	24°30'37	28° 4	11°52	27°15	3°37	6° 4	3°18	0° 3	3°36	9°25	16°52	17° 6	8°13	n.a.	F 29
S 30	15 42 56	25°27'42	11♍ 4	11°43	28°26	4° 3	6° 7	3°14	0° 3	3°38	9°24	16°51	17° 3	8°20	n.a.	S 30
S 31	15 46 53	26♉24'46	23♍45	11°D39	29♊38	4♍29	6♍ 9	3♐ 9	0♍ 4	3♊40	9♎23	16♌49	17♌ 0	8♐26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n53	15n32	0s 8	19n 7	1n20	20n 5	1n 7	14n58	1n29	11n 0	1n41	20s23	1n 8	12n21	0n49	19n58	1s 5	9n44	15n 2	15n10	15n30	16s39		n.a.
S 2	11 14	12 11	1n 1	19 3	1 8	20 25	1 10	14 51	1 27	11 1	1 41	20 22	1 8	12 22	0 49	19 58	1 5	9 45	15 2	15 10	15 31	16 40		n.a.
S 3	11 35	8 19	2 6	18 57	0 56	20 45	1 12	14 44	1 24	11 2	1 41	20 22	1 8	12 22	0 49	19 59	1 5	9 45	15 1	15 11	15 32	16 42		n.a.
M 4	11 55	4 9	3 3	18 50	0 43	21 4	1 14	14 37	1 22	11 2	1 40	20 21	1 8	12 22	0 49	19 59	1 5	9 46	15 1	15 12	15 33	16 43		n.a.
T 5	12 15	0s 9	3 50	18 40	0 30	21 23	1 16	14 30	1 19	11 3	1 40	20 21	1 8	12 22	0 48	20 0	1 5	9 46	15 1	15 15	15 34	16 45		n.a.
W 6	12 35	4 22	4 26	18 28	0 16	21 41	1 18	14 22	1 17	11 3	1 40	20 20	1 8	12 23	0 48	20 0	1 5	9 46	15 1	15 18	15 35	16 46		n.a.
T 7	12 55	8 23	4 50	18 15	0 1	21 59	1 20	14 15	1 14	11 3	1 40	20 19	1 8	12 23	0 48	20 0	1 5	9 47	15 0	15 22	15 36	16 47		n.a.
F 8	13 15	12 0	5 0	17 59	0s15	22 16	1 22	14 7	1 12	11 4	1 39	20 19	1 8	12 23	0 48	20 1	1 5	9 47	15 0	15 26	15 37	16 49		n.a.
S 9	13 34	15 8	4 57	17 43	0 30	22 32	1 24	13 59	1 9	11 4	1 39	20 18	1 8	12 23	0 48	20 1	1 5	9 47	15 0	15 30	15 38	16 50		n.a.
S 10	13 53	17 37	4 41	17 24	0 47	22 48	1 26	13 51	1 7	11 4	1 39	20 18	1 8	12 23	0 48	20 2	1 5	9 48	14 59	15 34	15 39	16 52		n.a.
M11	14 12	19 21	4 13	17 4	1 3	23 3	1 28	13 43	1 5	11 4	1 38	20 17	1 8	12 24	0 48	20 2	1 5	9 48	14 59	15 37	15 40	16 53		n.a.
T 12	14 31	20 14	3 34	16 44	1 20	23 18	1 30	13 34	1 2	11 4	1 38	20 16	1 8	12 24	0 48	20 3	1 5	9 48	14 59	15 39	15 41	16 55		n.a.
W13	14 50	20 14	2 45	16 22	1 36	23 31	1 31	13 26	1 0	11 4	1 38	20 16	1 8	12 24	0 48	20 3	1 5	9 48	14 58	15 40	15 42	16 56		n.a.
T 14	15 8	19 18	1 48	15 59	1 53	23 45	1 33	13 17	0 58	11 3	1 38	20 15	1 8	12 24	0 48	20 3	1 5	9 49	14 58	15 41	15 43	16 57		n.a.
F 15	15 26	17 27	0 45	15 35	2 9	23 57	1 35	13 8	0 56	11 3	1 37	20 14	1 8	12 24	0 48	20 4	1 5	9 49	14 58	15 41	15 44	16 59		n.a.
S 16	15 44	14 43	0s21	15 12	2 25	24 9	1 36	12 59	0 53	11 3	1 37	20 14	1 8	12 24	0 48	20 4	1 5	9 49	14 57	15 41	15 45	17 0		n.a.
S 17	16 2	11 11	1 29	14 48	2 40	24 20	1 38	12 49	0 51	11 2	1 37	20 13	1 8	12 24	0 48	20 5	1 5	9 49	14 57	15 41	15 46	17 2		n.a.
M18	16 19	6 58	2 34	14 24	2 54	24 31	1 39	12 40	0 49	11 2	1 36	20 12	1 8	12 24	0 48	20 5	1 5	9 49	14 57	15 42	15 47	17 3		n.a.
T 19	16 36	2 14	3 32	14 1	3 8	24 40	1 40	12 30	0 47	11 1	1 36	20 11	1 8	12 24	0 48	20 6	1 5	9 50	14 56	15 43	15 48	17 4		n.a.
W20	16 53	2n46	4 18	13 39	3 20	24 49	1 42	12 21	0 45	11 1	1 36	20 11	1 8	12 24	0 48	20 6	1 5	9 50	14 56	15 46	15 49	17 6		n.a.
T 21	17 10	7 45	4 49	13 18	3 32	24 58	1 43	12 11	0 43	11 0	1 36	20 10	1 8	12 24	0 48	20 6	1 5	9 50	14 56	15 48	15 50	17 7		n.a.
F 22	17 26	12 21	5 0	12 58	3 42	25 5	1 44	12 1	0 41	10 59	1 35	20 9	1 8	12 24	0 48	20 7	1 5	9 50	14 55	15 52	15 51	17 8		n.a.
S 23	17 42	16 10	4 51	12 40	3 51	25 12	1 45	11 50	0 38	10 59	1 35	20 8	1 8	12 24	0 48	20 7	1 5	9 50	14 55	15 55	15 52	17 10		n.a.
S 24	17 58	18 54	4 20	12 24	3 59	25 19	1 46	11 40	0 36	10 58	1 35	20 8	1 8	12 24	0 48	20 8	1 5	9 50	14 54	15 58	15 53	17 11		n.a.
M25	18 14	20 17	3 33	12 9	4 5	25 24	1 47	11 29	0 34	10 57	1 34	20 7	1 8	12 24	0 48	20 8	1 5	9 50	14 54	16 0	15 54	17 13		n.a.
T 26	18 29	20 15	2 32	11 57	4 10	25 29	1 48	11 19	0 33	10 56	1 34	20 6	1 7	12 23	0 48	20 9	1 5	9 50	14 54	16 2	15 55	17 14		n.a.
W27	18 44	18 55	1 23	11 48	4 13	25 33	1 49	11 8	0 31	10 55	1 34	20 5	1 7	12 23	0 48	20 9	1 5	9 50	14 53	16 2	15 56	17 15		n.a.
T 28	18 58	16 30	0 11	11 41	4 15	25 36	1 49	10 57	0 29	10 54	1 33	20 5	1 7	12 23	0 48	20 9	1 5	9 50	14 53	16 2	15 57	17 17		n.a.
F 29	19 13	13 16	0n59	11 36	4 15	25 39	1 50	10 46	0 27	10 53	1 33	20 4	1 7	12 23	0 47	20 10	1 5	9 50	14 52	16 2	15 58	17 18		n.a.
S 30	19 27	9 27	2 4	11 34	4 14	25 40	1 51	10 34	0 25	10 51	1 33	20 3	1 7	12 23	0 47	20 10	1 5	9 50	14 52	16 3	15 59	17 19		n.a.
S 31	19n40	5n18	3n 2	11n35	4s12	25n41	1n51	10n23	0n23	10n50	1n33	20s 2	1n 7	12n22	0n47	20n11	1s 5	9n50	14n52	16n 3	16n 0	17s21		n.a.

Julian Day Number = 1275207.5, Delta T = 08h13m22s
Ecliptic obliquity = 23°50'17, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'13, Lahiri = -20°49'13 Julian Calendar 1 May 1222 BCE == Greg. Calendar 20 Apr. 1222 BCE

The year -1221 astronomical counting style corresponds to year 1222 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1222 BCE
geocentric

JUNE 1222 BCE (-1221) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 50 49	27♉21'51	6♎12	11♉41	0♋49	4♍55	6♍12	3°R 5	0♍ 4	3♊42	9°R22	16°R44	16♌57	8♐33	n.a.	M 1
T 2	15 54 46	28°18'56	18°27	11°47	2° 1	5°22	6°15	3♐ 1	0° 5	3°45	9♎21	16♌36	16°53	8°40	n.a.	T 2
W 3	15 58 43	29°16'01	0♏35	11°58	3°12	5°49	6°19	2°56	0° 6	3°47	9°20	16°26	16°50	8°46	n.a.	W 3
T 4	16 2 39	0♊13'06	12°36	12°15	4°23	6°17	6°22	2°52	0° 7	3°49	9°19	16°14	16°47	8°53	n.a.	T 4
F 5	16 6 36	1°10'12	24°32	12°37	5°34	6°45	6°26	2°47	0° 7	3°51	9°18	16° 1	16°44	9° 0	n.a.	F 5
S 6	16 10 32	2° 7'18	6♐26	13° 4	6°45	7°13	6°30	2°43	0° 8	3°54	9°17	15°48	16°41	9° 7	n.a.	S 6
S 7	16 14 29	3° 4'25	18°17	13°37	7°56	7°41	6°33	2°39	0° 9	3°56	9°16	15°36	16°38	9°13	n.a.	S 7
M 8	16 18 25	4° 1'32	0♑ 9	14°15	9° 7	8°10	6°38	2°34	0°10	3°58	9°16	15°27	16°34	9°20	n.a.	M 8
T 9	16 22 22	4°58'40	12° 2	14°58	10°18	8°39	6°42	2°30	0°11	4° 0	9°15	15°19	16°31	9°27	n.a.	T 9
W10	16 26 19	5°55'49	24° 1	15°47	11°29	9° 9	6°46	2°25	0°12	4° 2	9°14	15°15	16°28	9°33	n.a.	W10
T 11	16 30 15	6°52'59	6♒ 7	16°41	12°40	9°38	6°51	2°21	0°13	4° 5	9°14	15°13	16°25	9°40	n.a.	T 11
F 12	16 34 12	7°50'09	18°26	17°39	13°51	10° 8	6°56	2°17	0°15	4° 7	9°13	15°D13	16°22	9°47	n.a.	F 12
S 13	16 38 8	8°47'21	1♓ 2	18°43	15° 2	10°39	7° 1	2°12	0°16	4° 9	9°12	15°13	16°18	9°54	n.a.	S 13
S 14	16 42 5	9°44'33	13°58	19°52	16°12	11° 9	7° 6	2° 8	0°17	4°11	9°12	15°R13	16°15	10° 0	n.a.	S 14
M15	16 46 1	10°41'47	27°20	21° 5	17°23	11°40	7°11	2° 4	0°18	4°14	9°11	15°12	16°12	10° 7	n.a.	M15
T 16	16 49 58	11°39'01	11♈ 9	22°24	18°34	12°11	7°16	1°59	0°20	4°16	9°11	15° 9	16° 9	10°14	n.a.	T 16
W17	16 53 54	12°36'17	25°27	23°46	19°44	12°42	7°22	1°55	0°21	4°18	9°10	15° 3	16° 6	10°20	n.a.	W17
T 18	16 57 51	13°33'34	10♉12	25°14	20°54	13°14	7°27	1°51	0°23	4°20	9°10	14°56	16° 3	10°27	n.a.	T 18
F 19	17 1 48	14°30'52	25°17	26°46	22° 5	13°46	7°33	1°46	0°24	4°22	9° 9	14°47	15°59	10°34	n.a.	F 19
S 20	17 5 44	15°28'11	10♊33	28°22	23°15	14°18	7°39	1°42	0°26	4°25	9° 9	14°39	15°56	10°41	n.a.	S 20
S 21	17 9 41	16°25'31	25°49	0♊ 1	24°25	14°50	7°45	1°38	0°27	4°27	9° 8	14°31	15°53	10°47	n.a.	S 21
M22	17 13 37	17°22'52	10♋55	1°45	25°36	15°23	7°51	1°34	0°29	4°29	9° 8	14°25	15°50	10°54	n.a.	M22
T 23	17 17 34	18°20'14	25°41	3°32	26°46	15°56	7°58	1°30	0°31	4°31	9° 8	14°21	15°47	11° 1	n.a.	T 23
W24	17 21 30	19°17'37	10♌ 2	5°22	27°56	16°29	8° 4	1°26	0°32	4°33	9° 7	14°D20	15°44	11° 7	n.a.	W24
T 25	17 25 27	20°15'00	23°56	7°15	29° 6	17° 2	8°11	1°21	0°34	4°36	9° 7	14°20	15°40	11°14	n.a.	T 25
F 26	17 29 23	21°12'25	7♍22	9°11	0♌16	17°36	8°18	1°17	0°36	4°38	9° 7	14°21	15°37	11°21	n.a.	F 26
S 27	17 33 20	22° 9'50	20°23	11° 9	1°26	18° 9	8°25	1°13	0°38	4°40	9° 7	14°R22	15°34	11°28	n.a.	S 27
S 28	17 37 17	23° 7'16	3♎ 3	13° 8	2°35	18°43	8°32	1°10	0°40	4°42	9° 7	14°21	15°31	11°34	n.a.	S 28
M29	17 41 13	24° 4'43	15°27	15° 9	3°45	19°18	8°39	1° 6	0°42	4°44	9° 7	14°19	15°28	11°41	n.a.	M29
T 30	17 45 10	25♊ 2'11	27♎37	17♊12	4♌55	19♍52	8♍46	1♐ 2	0♍44	4♊46	9♎ 7	14♌15	15♌24	11♐48	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n54	1n 0	3n49	11n39	4s 9	25n42	1n51	10n11	0n21	10n49	1n32	20s 2	1n 7	12n22	0n47	20n11	1s 5	9n50	14n51	16n 5	16n 1	17s22		n.a.
T 2	20 7	3s16	4 26	11 45	4 4	25 41	1 52	10 0	0 19	10 47	1 32	20 1	1 7	12 22	0 47	20 12	1 5	9 50	14 51	16 7	16 2	17 24		n.a.
W 3	20 20	7 21	4 49	11 54	3 58	25 40	1 52	9 48	0 18	10 46	1 32	20 0	1 7	12 22	0 47	20 12	1 5	9 50	14 50	16 10	16 3	17 25		n.a.
T 4	20 32	11 7	5 0	12 6	3 52	25 38	1 52	9 36	0 16	10 44	1 31	19 59	1 7	12 21	0 47	20 13	1 5	9 50	14 50	16 14	16 4	17 26		n.a.
F 5	20 44	14 25	4 57	12 20	3 44	25 35	1 52	9 24	0 14	10 42	1 31	19 58	1 7	12 21	0 47	20 13	1 5	9 50	14 49	16 18	16 5	17 28		n.a.
S 6	20 56	17 7	4 42	12 36	3 36	25 32	1 52	9 12	0 12	10 41	1 31	19 58	1 7	12 21	0 47	20 13	1 5	9 50	14 49	16 22	16 6	17 29		n.a.
S 7	21 7	19 6	4 14	12 55	3 26	25 28	1 52	8 59	0 11	10 39	1 30	19 57	1 7	12 20	0 47	20 14	1 5	9 50	14 48	16 25	16 7	17 30		n.a.
M 8	21 18	20 15	3 35	13 16	3 16	25 23	1 52	8 47	0 9	10 37	1 30	19 56	1 7	12 20	0 47	20 14	1 4	9 50	14 48	16 28	16 8	17 32		n.a.
T 9	21 29	20 31	2 47	13 39	3 5	25 17	1 52	8 34	0 7	10 35	1 30	19 55	1 6	12 19	0 47	20 15	1 4	9 50	14 47	16 30	16 9	17 33		n.a.
W10	21 39	19 51	1 50	14 4	2 54	25 11	1 51	8 22	0 6	10 33	1 30	19 55	1 6	12 19	0 47	20 15	1 4	9 49	14 47	16 32	16 10	17 34		n.a.
T 11	21 49	18 17	0 48	14 30	2 42	25 4	1 51	8 9	0 4	10 31	1 29	19 54	1 6	12 19	0 47	20 16	1 4	9 49	14 46	16 32	16 11	17 36		n.a.
F 12	21 59	15 50	0s17	14 59	2 30	24 56	1 50	7 56	0 2	10 29	1 29	19 53	1 6	12 18	0 47	20 16	1 4	9 49	14 46	16 33	16 12	17 37		n.a.
S 13	22 8	12 35	1 23	15 29	2 18	24 47	1 50	7 43	0 1	10 27	1 29	19 52	1 6	12 18	0 47	20 16	1 4	9 49	14 45	16 32	16 13	17 38		n.a.
S 14	22 17	8 40	2 27	16 0	2 5	24 38	1 49	7 29	0s 1	10 25	1 29	19 51	1 6	12 17	0 47	20 17	1 4	9 49	14 45	16 32	16 14	17 40		n.a.
M15	22 25	4 12	3 25	16 32	1 51	24 28	1 48	7 16	0 2	10 23	1 28	19 51	1 6	12 17	0 47	20 17	1 4	9 48	14 44	16 33	16 15	17 41		n.a.
T 16	22 33	0n37	4 13	17 6	1 38	24 18	1 47	7 3	0 4	10 21	1 28	19 50	1 6	12 16	0 47	20 18	1 4	9 48	14 44	16 34	16 16	17 42		n.a.
W17	22 41	5 34	4 47	17 40	1 25	24 6	1 46	6 49	0 5	10 18	1 28	19 49	1 6	12 15	0 47	20 18	1 4	9 48	14 43	16 35	16 17	17 44		n.a.
T 18	22 48	10 20	5 3	18 14	1 11	23 55	1 45	6 36	0 7	10 16	1 27	19 48	1 6	12 15	0 47	20 19	1 4	9 48	14 43	16 37	16 18	17 45		n.a.
F 19	22 55	14 34	4 59	18 49	0 58	23 42	1 44	6 22	0 8	10 13	1 27	19 48	1 5	12 14	0 47	20 19	1 4	9 47	14 42	16 40	16 18	17 46		n.a.
S 20	23 2	17 53	4 34	19 24	0 45	23 29	1 42	6 8	0 10	10 11	1 27	19 47	1 5	12 14	0 47	20 19	1 4	9 47	14 42	16 43	16 19	17 47		n.a.
S 21	23 8	19 57	3 49	19 59	0 32	23 15	1 41	5 54	0 11	10 8	1 27	19 46	1 5	12 13	0 46	20 20	1 4	9 47	14 41	16 45	16 20	17 49		n.a.
M22	23 14	20 34	2 49	20 33	0 19	23 0	1 40	5 40	0 13	10 6	1 26	19 45	1 5	12 12	0 46	20 20	1 4	9 46	14 41	16 47	16 21	17 50		n.a.
T 23	23 19	19 45	1 38	21 6	0 6	22 45	1 38	5 25	0 14	10 3	1 26	19 45	1 5	12 12	0 46	20 21	1 4	9 46	14 40	16 48	16 22	17 51		n.a.
W24	23 24	17 39	0 23	21 39	0n 6	22 30	1 36	5 11	0 15	10 0	1 26	19 44	1 5	12 11	0 46	20 21	1 4	9 46	14 40	16 48	16 23	17 53		n.a.
T 25	23 28	14 34	0n51	22 10	0 17	22 13	1 35	4 57	0 17	9 57	1 26	19 43	1 5	12 10	0 46	20 21	1 4	9 45	14 39	16 48	16 24	17 54		n.a.
F 26	23 32	10 49	2 1	22 40	0 28	21 56	1 33	4 42	0 18	9 55	1 25	19 42	1 5	12 10	0 46	20 22	1 4	9 45	14 39	16 48	16 25	17 55		n.a.
S 27	23 36	6 38	3 1	23 7	0 39	21 39	1 31	4 28	0 20	9 52	1 25	19 42	1 4	12 9	0 46	20 22	1 4	9 44	14 38	16 48	16 26	17 57		n.a.
S 28	23 39	2 18	3 51	23 33	0 48	21 21	1 29	4 13	0 21	9 49	1 25	19 41	1 4	12 8	0 46	20 23	1 4	9 44	14 37	16 48	16 27	17 58		n.a.
M29	23 42	2s 3	4 30	23 57	0 57	21 2	1 27	3 58	0 22	9 46	1 25	19 40	1 4	12 7	0 46	20 23	1 4	9 43	14 37	16 48	16 28	17 59		n.a.
T 30	23n45	6s13	4n55	24n18	1n 6	20n43	1n24	3n43	0s23	9n43	1n24	19s40	1n 4	12n 7	0n46	20n23	1s 4	9n43	14n36	16n50	16n29	18s 0		n.a.

Julian Day Number = 1275238.5, Delta T = 08h13m20s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'09, Lahiri = -20°49'09 Julian Calendar 1 June 1222 BCE == Greg. Calendar 21 May 1222 BCE

The year -1221 astronomical counting style corresponds to year 1222 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1222 BCE
geocentric

JULY 1222 BCE (-1221) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 49 6	25♊59'40	9♏39	19♊15	6♌ 4	20♍27	8♍54	0°R58	0♍46	4♊48	9°R 6	14°R 8	15♌21	11♐54	n.a.	W 1
T 2	17 53 3	26°57'10	21°34	21°18	7°14	21° 1	9° 1	0♐54	0°48	4°50	9°D 6	14♌ 0	15°18	12° 1	n.a.	T 2
F 3	17 56 59	27°54'42	3♐27	23°22	8°23	21°36	9° 9	0°51	0°50	4°53	9♎ 7	13°52	15°15	12° 8	n.a.	F 3
S 4	18 0 56	28°52'15	15°19	25°25	9°32	22°12	9°17	0°47	0°53	4°55	9° 7	13°43	15°12	12°15	n.a.	S 4
S 5	18 4 52	29°49'49	27°12	27°29	10°41	22°47	9°25	0°43	0°55	4°57	9° 7	13°36	15° 9	12°21	n.a.	S 5
M 6	18 8 49	0♋47'24	9♉ 7	29°31	11°50	23°23	9°33	0°40	0°57	4°59	9° 7	13°30	15° 5	12°28	n.a.	M 6
T 7	18 12 46	1°45'01	21° 7	1♋33	12°59	23°59	9°41	0°36	1° 0	5° 1	9° 7	13°25	15° 2	12°35	n.a.	T 7
W 8	18 16 42	2°42'39	3♒14	3°35	14° 8	24°35	9°49	0°33	1° 2	5° 3	9° 7	13°23	14°59	12°41	n.a.	W 8
T 9	18 20 39	3°40'19	15°29	5°35	15°17	25°11	9°58	0°30	1° 4	5° 5	9° 7	13°D22	14°56	12°48	n.a.	T 9
F 10	18 24 35	4°38'01	27°55	7°34	16°26	25°47	10° 6	0°26	1° 7	5° 7	9° 8	13°23	14°53	12°55	n.a.	F 10
S 11	18 28 32	5°35'44	10♓36	9°32	17°34	26°24	10°15	0°23	1° 9	5° 9	9° 8	13°25	14°50	13° 2	n.a.	S 11
S 12	18 32 28	6°33'30	23°35	11°28	18°43	27° 1	10°24	0°20	1°12	5°11	9° 8	13°26	14°46	13° 8	n.a.	S 12
M13	18 36 25	7°31'17	6♈55	13°24	19°51	27°37	10°33	0°17	1°14	5°13	9° 9	13°R27	14°43	13°15	n.a.	M13
T 14	18 40 21	8°29'06	20°38	15°18	20°59	28°14	10°42	0°14	1°17	5°15	9° 9	13°26	14°40	13°22	n.a.	T 14
W15	18 44 18	9°26'57	4♉45	17°11	22° 7	28°52	10°51	0°11	1°20	5°17	9° 9	13°24	14°37	13°28	n.a.	W15
T 16	18 48 15	10°24'50	19°15	19° 3	23°15	29°29	11° 0	0° 8	1°22	5°19	9°10	13°21	14°34	13°35	n.a.	T 16
F 17	18 52 11	11°22'45	4♊ 5	20°53	24°23	0♎ 7	11° 9	0° 5	1°25	5°20	9°10	13°16	14°30	13°42	n.a.	F 17
S 18	18 56 8	12°20'41	19° 6	22°42	25°31	0°45	11°19	0° 3	1°28	5°22	9°11	13°12	14°27	13°48	n.a.	S 18
S 19	19 0 4	13°18'40	4♋12	24°29	26°39	1°23	11°28	0° 0	1°31	5°24	9°12	13° 8	14°24	13°55	n.a.	S 19
M20	19 4 1	14°16'41	19°12	26°15	27°46	2° 1	11°38	29♏58	1°34	5°26	9°12	13° 5	14°21	14° 2	n.a.	M20
T 21	19 7 57	15°14'43	3♌57	28° 0	28°54	2°39	11°48	29°55	1°37	5°28	9°13	13° 4	14°18	14° 9	n.a.	T 21
W22	19 11 54	16°12'47	18°22	29°44	0♍ 1	3°17	11°58	29°53	1°39	5°30	9°13	13°D 3	14°15	14°15	n.a.	W22
T 23	19 15 51	17°10'52	2♍21	1♌26	1° 8	3°56	12° 7	29°50	1°42	5°31	9°14	13° 4	14°11	14°22	n.a.	T 23
F 24	19 19 47	18° 9'00	15°54	3° 7	2°15	4°35	12°17	29°48	1°45	5°33	9°15	13° 6	14° 8	14°29	n.a.	F 24
S 25	19 23 44	19° 7'08	29° 1	4°47	3°22	5°14	12°28	29°46	1°48	5°35	9°16	13° 7	14° 5	14°35	n.a.	S 25
S 26	19 27 40	20° 5'18	11♎45	6°26	4°29	5°53	12°38	29°44	1°51	5°37	9°17	13° 8	14° 2	14°42	n.a.	S 26
M27	19 31 37	21° 3'30	24°10	8° 3	5°35	6°32	12°48	29°42	1°55	5°38	9°17	13°R 8	13°59	14°49	n.a.	M27
T 28	19 35 33	22° 1'44	6♏20	9°39	6°42	7°11	12°58	29°40	1°58	5°40	9°18	13° 8	13°55	14°56	n.a.	T 28
W29	19 39 30	22°59'59	18°20	11°14	7°48	7°51	13° 9	29°39	2° 1	5°42	9°19	13° 6	13°52	15° 2	n.a.	W29
T 30	19 43 26	23°58'16	0♐14	12°48	8°54	8°30	13°19	29°37	2° 4	5°43	9°20	13° 4	13°49	15° 9	n.a.	T 30
F 31	19 47 23	24♋56'35	12♐ 6	14♌20	10♍ 0	9♎10	13♍30	29♏35	2♍ 7	5♊45	9♎21	13♌ 1	13♌46	15♐16	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23n47	10s 6	5n 6	24n37	1n13	20n23	1n22	3n28	0s25	9n40	1n24	19s39	1n 4	12n 6	0n46	20n24	1s 4	9n42	14n36	16n52	16n30	18s 2			n.a.
T 2	23 48	13 33	5 5	24 53	1 20	20 3	1 20	3 13	0 26	9 37	1 24	19 38	1 4	12 5	0 46	20 24	1 4	9 42	14 35	16 54	16 31	18 3			n.a.
F 3	23 49	16 27	4 50	25 6	1 26	19 43	1 17	2 58	0 27	9 33	1 24	19 38	1 4	12 4	0 46	20 25	1 4	9 41	14 35	16 56	16 32	18 4			n.a.
S 4	23 50	18 40	4 22	25 17	1 32	19 21	1 14	2 43	0 28	9 30	1 23	19 37	1 4	12 3	0 46	20 25	1 4	9 41	14 34	16 59	16 33	18 6			n.a.
S 5	23 50	20 5	3 44	25 25	1 36	19 0	1 12	2 27	0 30	9 27	1 23	19 37	1 3	12 3	0 46	20 25	1 4	9 40	14 34	17 1	16 34	18 7			n.a.
M 6	23 50	20 37	2 55	25 30	1 40	18 38	1 9	2 12	0 31	9 24	1 23	19 36	1 3	12 2	0 46	20 26	1 4	9 40	14 33	17 3	16 35	18 8			n.a.
T 7	23 50	20 13	1 58	25 33	1 43	18 15	1 6	1 56	0 32	9 20	1 23	19 35	1 3	12 1	0 46	20 26	1 4	9 39	14 32	17 4	16 36	18 9			n.a.
W 8	23 49	18 52	0 55	25 33	1 45	17 52	1 3	1 41	0 33	9 17	1 22	19 35	1 3	12 0	0 46	20 26	1 4	9 39	14 32	17 5	16 37	18 11			n.a.
T 9	23 47	16 39	0s11	25 30	1 47	17 28	1 0	1 25	0 34	9 13	1 22	19 34	1 3	11 59	0 46	20 27	1 4	9 38	14 31	17 5	16 38	18 12			n.a.
F 10	23 45	13 37	1 18	25 25	1 48	17 5	0 57	1 9	0 36	9 10	1 22	19 34	1 3	11 58	0 46	20 27	1 4	9 37	14 31	17 5	16 38	18 13			n.a.
S 11	23 43	9 55	2 23	25 17	1 48	16 40	0 54	0 54	0 37	9 6	1 22	19 33	1 3	11 57	0 46	20 27	1 4	9 37	14 30	17 4	16 39	18 14			n.a.
S 12	23 40	5 40	3 22	25 8	1 48	16 16	0 50	0 38	0 38	9 3	1 21	19 33	1 2	11 56	0 46	20 28	1 4	9 36	14 30	17 4	16 40	18 16			n.a.
M13	23 37	1 3	4 11	24 56	1 47	15 51	0 47	0 22	0 39	8 59	1 21	19 32	1 2	11 55	0 46	20 28	1 4	9 35	14 29	17 4	16 41	18 17			n.a.
T 14	23 34	3n45	4 48	24 42	1 46	15 25	0 43	0 6	0 40	8 55	1 21	19 32	1 2	11 54	0 46	20 28	1 4	9 35	14 29	17 4	16 42	18 18			n.a.
W15	23 30	8 29	5 9	24 26	1 44	14 59	0 40	0s10	0 41	8 52	1 21	19 31	1 2	11 53	0 46	20 29	1 4	9 34	14 28	17 5	16 43	18 19			n.a.
T 16	23 25	12 51	5 10	24 8	1 42	14 33	0 36	0 26	0 42	8 48	1 21	19 31	1 2	11 52	0 46	20 29	1 4	9 33	14 27	17 6	16 44	18 20			n.a.
F 17	23 20	16 32	4 52	23 49	1 39	14 7	0 32	0 42	0 43	8 44	1 20	19 30	1 2	11 51	0 46	20 29	1 5	9 33	14 27	17 7	16 45	18 22			n.a.
S 18	23 15	19 10	4 13	23 28	1 35	13 40	0 28	0 59	0 44	8 40	1 20	19 30	1 1	11 50	0 45	20 30	1 5	9 32	14 26	17 8	16 46	18 23			n.a.
S 19	23 10	20 29	3 17	23 5	1 32	13 13	0 24	1 15	0 45	8 37	1 20	19 29	1 1	11 49	0 45	20 30	1 5	9 31	14 26	17 9	16 47	18 24			n.a.
M20	23 3	20 20	2 7	22 41	1 28	12 46	0 20	1 31	0 46	8 33	1 20	19 29	1 1	11 48	0 45	20 30	1 5	9 31	14 25	17 10	16 48	18 25			n.a.
T 21	22 57	18 47	0 50	22 16	1 23	12 18	0 16	1 48	0 47	8 29	1 20	19 29	1 1	11 47	0 45	20 31	1 5	9 30	14 25	17 10	16 49	18 27			n.a.
W22	22 50	16 2	0n29	21 49	1 18	11 50	0 12	2 4	0 48	8 25	1 19	19 28	1 1	11 46	0 45	20 31	1 5	9 29	14 24	17 11	16 50	18 28			n.a.
T 23	22 43	12 25	1 44	21 22	1 13	11 22	0 8	2 20	0 49	8 21	1 19	19 28	1 1	11 45	0 45	20 31	1 5	9 28	14 24	17 10	16 51	18 29			n.a.
F 24	22 35	8 16	2 51	20 53	1 8	10 54	0 3	2 37	0 50	8 17	1 19	19 28	1 1	11 44	0 45	20 32	1 5	9 27	14 23	17 10	16 52	18 30			n.a.
S 25	22 27	3 51	3 46	20 23	1 2	10 25	0s 1	2 53	0 51	8 12	1 19	19 27	1 0	11 43	0 45	20 32	1 5	9 27	14 23	17 9	16 53	18 31			n.a.
S 26	22 18	0s36	4 29	19 53	0 56	9 57	0 6	3 10	0 52	8 8	1 19	19 27	1 0	11 42	0 45	20 32	1 5	9 26	14 22	17 9	16 54	18 33			n.a.
M27	22 9	4 55	4 58	19 21	0 50	9 28	0 10	3 27	0 53	8 4	1 18	19 27	1 0	11 40	0 45	20 33	1 5	9 25	14 21	17 9	16 54	18 34			n.a.
T 28	22 0	8 56	5 13	18 49	0 43	8 58	0 15	3 43	0 54	8 0	1 18	19 27	1 0	11 39	0 45	20 33	1 5	9 24	14 21	17 9	16 55	18 35			n.a.
W29	21 50	12 33	5 14	18 17	0 37	8 29	0 19	4 0	0 55	7 56	1 18	19 26	1 0	11 38	0 45	20 33	1 5	9 23	14 20	17 10	16 56	18 36			n.a.
T 30	21 40	15 38	5 1	17 43	0 30	8 0	0 24	4 17	0 56	7 51	1 18	19 26	1 0	11 37	0 45	20 33	1 5	9 22	14 20	17 10	16 57	18 37			n.a.
F 31	21n30	18s 4	4n36	17n10	0n23	7n30	0s29	4s33	0s57	7n47	1n18	19s26	0n59	11n36	0n45	20n34	1s 5	9n22	14n19	17n11	16n58	18s39			n.a.

Julian Day Number = 1275268.5, Delta T = 08h13m19s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'05, Lahiri = -20°49'05 Julian Calendar 1 July 1222 BCE == Greg. Calendar 20 June 1222 BCE

The year -1221 astronomical counting style corresponds to year 1222 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1222 BCE
geocentric

AUGUST 1222 BCE (-1221) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 51 19	25♋54'55	23♐58	15♌52	11♍ 6	9♎50	13♍41	29°R34	2♍10	5♊46	9♎22	12°R58	13♌43	15♐22	n.a.	S 1
S 2	19 55 16	26°53'18	5♑54	17°22	12°11	10°30	13°52	29♏32	2°14	5°48	9°23	12♌56	13°40	15°29	n.a.	S 2
M 3	19 59 13	27°51'42	17°57	18°51	13°16	11°10	14° 3	29°31	2°17	5°49	9°24	12°54	13°36	15°36	n.a.	M 3
T 4	20 3 9	28°50'08	0♒ 7	20°18	14°22	11°50	14°14	29°30	2°20	5°51	9°25	12°53	13°33	15°42	n.a.	T 4
W 5	20 7 6	29°48'37	12°26	21°45	15°26	12°31	14°25	29°29	2°24	5°52	9°26	12°D52	13°30	15°49	n.a.	W 5
T 6	20 11 2	0♌47'07	24°57	23°10	16°31	13°11	14°36	29°28	2°27	5°54	9°28	12°52	13°27	15°56	n.a.	T 6
F 7	20 14 59	1°45'39	7♓40	24°34	17°36	13°52	14°47	29°27	2°30	5°55	9°29	12°53	13°24	16° 3	n.a.	F 7
S 8	20 18 55	2°44'14	20°35	25°56	18°40	14°33	14°58	29°26	2°34	5°57	9°30	12°54	13°21	16° 9	n.a.	S 8
S 9	20 22 52	3°42'51	3♈46	27°18	19°44	15°14	15°10	29°25	2°37	5°58	9°31	12°55	13°17	16°16	n.a.	S 9
M10	20 26 48	4°41'31	17°13	28°37	20°48	15°55	15°21	29°25	2°41	5°59	9°32	12°56	13°14	16°23	n.a.	M10
T 11	20 30 45	5°40'12	0♉56	29°56	21°52	16°36	15°32	29°24	2°44	6° 1	9°34	12°R56	13°11	16°29	n.a.	T 11
W12	20 34 41	6°38'57	14°55	1♍13	22°55	17°17	15°44	29°24	2°48	6° 2	9°35	12°56	13° 8	16°36	n.a.	W12
T 13	20 38 38	7°37'43	29°11	2°29	23°58	17°58	15°56	29°23	2°51	6° 3	9°36	12°56	13° 5	16°43	n.a.	T 13
F 14	20 42 35	8°36'32	13♊39	3°42	25° 1	18°40	16° 7	29°23	2°55	6° 5	9°38	12°55	13° 1	16°49	n.a.	F 14
S 15	20 46 31	9°35'24	28°18	4°55	26° 4	19°21	16°19	29°23	2°58	6° 6	9°39	12°55	12°58	16°56	n.a.	S 15
S 16	20 50 28	10°34'18	13♋ 0	6° 5	27° 6	20° 3	16°31	29°D23	3° 2	6° 7	9°41	12°55	12°55	17° 3	n.a.	S 16
M17	20 54 24	11°33'14	27°39	7°14	28° 8	20°45	16°43	29°23	3° 5	6° 8	9°42	12°54	12°52	17°10	n.a.	M17
T 18	20 58 21	12°32'13	12♌10	8°20	29°10	21°27	16°55	29°23	3° 9	6° 9	9°44	12°54	12°49	17°16	n.a.	T 18
W19	21 2 17	13°31'14	26°25	9°25	0♎12	22° 9	17° 7	29°23	3°13	6°10	9°45	12°54	12°46	17°23	n.a.	W19
T 20	21 6 14	14°30'16	10♍21	10°27	1°13	22°51	17°19	29°23	3°16	6°11	9°47	12°54	12°42	17°30	n.a.	T 20
F 21	21 10 10	15°29'21	23°54	11°26	2°14	23°33	17°31	29°24	3°20	6°13	9°48	12°54	12°39	17°36	n.a.	F 21
S 22	21 14 7	16°28'28	7♎ 4	12°23	3°15	24°16	17°43	29°24	3°24	6°14	9°50	12°54	12°36	17°43	n.a.	S 22
S 23	21 18 4	17°27'36	19°52	13°17	4°15	24°58	17°55	29°25	3°27	6°14	9°52	12°53	12°33	17°50	n.a.	S 23
M24	21 22 0	18°26'47	2♏20	14° 8	5°15	25°41	18° 8	29°26	3°31	6°15	9°53	12°53	12°30	17°56	n.a.	M24
T 25	21 25 57	19°25'59	14°32	14°56	6°14	26°24	18°20	29°27	3°35	6°16	9°55	12°D53	12°27	18° 3	n.a.	T 25
W26	21 29 53	20°25'14	26°33	15°40	7°14	27° 6	18°32	29°28	3°38	6°17	9°57	12°53	12°23	18°10	n.a.	W26
T 27	21 33 50	21°24'30	8♐27	16°19	8°12	27°49	18°45	29°29	3°42	6°18	9°59	12°53	12°20	18°17	n.a.	T 27
F 28	21 37 46	22°23'49	20°18	16°55	9°11	28°32	18°57	29°30	3°46	6°19	10° 0	12°54	12°17	18°23	n.a.	F 28
S 29	21 41 43	23°23'09	2♑12	17°25	10° 9	29°15	19°10	29°31	3°50	6°20	10° 2	12°55	12°14	18°30	n.a.	S 29
S 30	21 45 39	24°22'32	14°11	17°50	11° 6	29°58	19°22	29°32	3°53	6°20	10° 4	12°56	12°11	18°37	n.a.	S 30
M31	21 49 36	25♌21'56	26♑20	18♍10	12♎ 3	0♏42	19♍35	29♏34	3♍57	6♊21	10♎ 6	12♌57	12♌ 7	18♐43	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n19	19s44	3n58	16n35	0n15	7n 0	0s34	4s50	0s57	7n43	1n18	19s26	0n59	11n34	0n45	20n34	1s 5	9n21	14n19	17n12	16n59	18s40		n.a.
S 2	21 8	20 32	3 10	16 1	0 8	6 30	0 39	5 7	0 58	7 38	1 17	19 26	0 59	11 33	0 45	20 34	1 5	9 20	14 18	17 13	17 0	18 41		n.a.
M 3	20 56	20 24	2 14	15 26	0 0	6 0	0 44	5 24	0 59	7 34	1 17	19 26	0 59	11 32	0 45	20 34	1 5	9 19	14 18	17 13	17 1	18 42		n.a.
T 4	20 44	19 19	1 10	14 50	0s 8	5 30	0 49	5 40	1 0	7 29	1 17	19 25	0 59	11 31	0 45	20 35	1 5	9 18	14 17	17 14	17 2	18 43		n.a.
W 5	20 32	17 19	0 2	14 15	0 15	5 0	0 54	5 57	1 1	7 25	1 17	19 25	0 59	11 30	0 45	20 35	1 5	9 17	14 17	17 14	17 3	18 44		n.a.
T 6	20 19	14 28	1s 6	13 39	0 23	4 30	0 59	6 14	1 2	7 20	1 17	19 25	0 58	11 28	0 45	20 35	1 5	9 16	14 16	17 14	17 4	18 46		n.a.
F 7	20 6	10 53	2 13	13 4	0 31	3 59	1 5	6 31	1 2	7 16	1 17	19 25	0 58	11 27	0 45	20 35	1 5	9 15	14 16	17 13	17 5	18 47		n.a.
S 8	19 52	6 45	3 14	12 28	0 40	3 29	1 10	6 47	1 3	7 11	1 16	19 25	0 58	11 26	0 45	20 36	1 5	9 14	14 15	17 13	17 6	18 48		n.a.
S 9	19 39	2 14	4 6	11 52	0 48	2 59	1 15	7 4	1 4	7 7	1 16	19 25	0 58	11 25	0 45	20 36	1 5	9 13	14 15	17 13	17 7	18 49		n.a.
M10	19 24	2n28	4 46	11 16	0 56	2 28	1 21	7 21	1 5	7 2	1 16	19 25	0 58	11 23	0 45	20 36	1 5	9 12	14 14	17 13	17 7	18 50		n.a.
T 11	19 10	7 9	5 10	10 41	1 4	1 58	1 26	7 38	1 5	6 57	1 16	19 25	0 58	11 22	0 45	20 36	1 5	9 11	14 14	17 13	17 8	18 51		n.a.
W12	18 55	11 32	5 17	10 5	1 13	1 27	1 32	7 55	1 6	6 53	1 16	19 25	0 57	11 21	0 45	20 36	1 5	9 10	14 13	17 13	17 9	18 53		n.a.
T 13	18 40	15 21	5 5	9 30	1 21	0 57	1 37	8 11	1 7	6 48	1 16	19 25	0 57	11 19	0 45	20 37	1 5	9 10	14 13	17 13	17 10	18 54		n.a.
F 14	18 25	18 18	4 33	8 56	1 29	0 26	1 43	8 28	1 7	6 43	1 16	19 26	0 57	11 18	0 45	20 37	1 5	9 9	14 12	17 13	17 11	18 55		n.a.
S 15	18 9	20 6	3 43	8 21	1 38	0s 4	1 48	8 45	1 8	6 38	1 15	19 26	0 57	11 17	0 45	20 37	1 5	9 8	14 12	17 13	17 12	18 56		n.a.
S 16	17 53	20 34	2 39	7 48	1 46	0 34	1 54	9 1	1 9	6 34	1 15	19 26	0 57	11 15	0 45	20 37	1 5	9 7	14 11	17 13	17 13	18 57		n.a.
M17	17 36	19 37	1 24	7 14	1 54	1 4	2 0	9 18	1 9	6 29	1 15	19 26	0 56	11 14	0 45	20 37	1 5	9 6	14 11	17 13	17 14	18 58		n.a.
T 18	17 20	17 22	0 4	6 42	2 2	1 35	2 5	9 35	1 10	6 24	1 15	19 26	0 56	11 13	0 45	20 38	1 5	9 4	14 10	17 13	17 15	18 59		n.a.
W19	17 2	14 5	1n14	6 10	2 10	2 5	2 11	9 51	1 11	6 19	1 15	19 26	0 56	11 11	0 45	20 38	1 5	9 3	14 10	17 13	17 16	19 1		n.a.
T 20	16 45	10 4	2 27	5 39	2 18	2 35	2 17	10 8	1 11	6 14	1 15	19 27	0 56	11 10	0 45	20 38	1 5	9 2	14 9	17 13	17 17	19 2		n.a.
F 21	16 28	5 39	3 28	5 9	2 26	3 5	2 23	10 24	1 12	6 9	1 15	19 27	0 56	11 9	0 45	20 38	1 5	9 1	14 9	17 13	17 18	19 3		n.a.
S 22	16 10	1 5	4 17	4 40	2 33	3 34	2 28	10 41	1 13	6 4	1 14	19 27	0 56	11 7	0 45	20 38	1 5	9 0	14 9	17 13	17 18	19 4		n.a.
S 23	15 51	3s24	4 52	4 12	2 41	4 4	2 34	10 57	1 13	5 59	1 14	19 28	0 55	11 6	0 45	20 38	1 5	8 59	14 8	17 13	17 19	19 5		n.a.
M24	15 33	7 36	5 12	3 46	2 48	4 34	2 40	11 14	1 14	5 54	1 14	19 28	0 55	11 5	0 45	20 39	1 5	8 58	14 8	17 14	17 20	19 6		n.a.
T 25	15 14	11 25	5 17	3 21	2 55	5 3	2 46	11 30	1 14	5 49	1 14	19 28	0 55	11 3	0 45	20 39	1 5	8 57	14 7	17 14	17 21	19 7		n.a.
W26	14 55	14 43	5 8	2 58	3 1	5 32	2 52	11 46	1 15	5 44	1 14	19 29	0 55	11 2	0 45	20 39	1 5	8 56	14 7	17 14	17 22	19 8		n.a.
T 27	14 36	17 22	4 46	2 37	3 7	6 1	2 58	12 2	1 15	5 39	1 14	19 29	0 55	11 0	0 45	20 39	1 5	8 55	14 6	17 14	17 23	19 9		n.a.
F 28	14 17	19 17	4 12	2 18	3 12	6 30	3 3	12 19	1 16	5 34	1 14	19 29	0 55	10 59	0 45	20 39	1 5	8 54	14 6	17 13	17 24	19 11		n.a.
S 29	13 57	20 22	3 27	2 2	3 17	6 58	3 9	12 35	1 16	5 29	1 14	19 30	0 54	10 58	0 45	20 39	1 5	8 53	14 6	17 13	17 25	19 12		n.a.
S 30	13 37	20 32	2 33	1 48	3 21	7 27	3 15	12 51	1 17	5 24	1 14	19 30	0 54	10 56	0 45	20 39	1 5	8 52	14 5	17 13	17 26	19 13		n.a.
M31	13n17	19s45	1n31	1n37	3s25	7s55	3s21	13s 7	1s17	5n19	1n13	19s31	0n54	10n55	0n45	20n39	1s 5	8n51	14n 5	17n12	17n27	19s14		n.a.

Julian Day Number = 1275299.5, Delta T = 08h13m17s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°56'01, Lahiri = -20°49'00 Julian Calendar 1 Aug. 1222 BCE == Greg. Calendar 21 July 1222 BCE

The year -1221 astronomical counting style corresponds to year 1222 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1222 BCE
geocentric

SEPTEMBER 1222 BCE (-1221) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 53 32	26♌21'22	8♒41	18♍24	13♎ 0	1♏25	19♍47	29♏35	4♍ 1	6♊22	10♎ 8	12°R57	12♌ 4	18♐50	n.a.	T 1
W 2	21 57 29	27°20'51	21°16	18°R30	13°56	2° 8	20° 0	29°37	4° 5	6°23	10°10	12♌57	12° 1	18°57	n.a.	W 2
T 3	22 1 26	28°20'22	4♓ 7	18°30	14°51	2°52	20°13	29°39	4° 8	6°23	10°12	12°56	11°58	19° 3	n.a.	T 3
F 4	22 5 22	29°19'54	17°12	18°22	15°46	3°35	20°26	29°40	4°12	6°24	10°13	12°55	11°55	19°10	n.a.	F 4
S 5	22 9 19	0♍19'29	0♈32	18° 7	16°41	4°19	20°38	29°42	4°16	6°24	10°15	12°52	11°52	19°17	n.a.	S 5
S 6	22 13 15	1°19'07	14° 5	17°42	17°35	5° 3	20°51	29°44	4°20	6°25	10°17	12°50	11°48	19°24	n.a.	S 6
M 7	22 17 12	2°18'46	27°49	17°10	18°28	5°47	21° 4	29°46	4°24	6°25	10°19	12°47	11°45	19°30	n.a.	M 7
T 8	22 21 8	3°18'29	11♉43	16°29	19°21	6°30	21°17	29°49	4°27	6°26	10°21	12°45	11°42	19°37	n.a.	T 8
W 9	22 25 5	4°18'13	25°46	15°40	20°13	7°14	21°30	29°51	4°31	6°26	10°23	12°44	11°39	19°44	n.a.	W 9
T 10	22 29 1	5°18'00	9♊54	14°43	21° 4	7°59	21°43	29°53	4°35	6°27	10°25	12°D44	11°36	19°50	n.a.	T 10
F 11	22 32 58	6°17'50	24° 7	13°39	21°55	8°43	21°56	29°56	4°39	6°27	10°28	12°45	11°33	19°57	n.a.	F 11
S 12	22 36 54	7°17'42	8♋22	12°30	22°45	9°27	22° 9	29°58	4°43	6°27	10°30	12°46	11°29	20° 4	n.a.	S 12
S 13	22 40 51	8°17'36	22°37	11°17	23°34	10°11	22°22	0♐ 1	4°47	6°28	10°32	12°47	11°26	20°10	n.a.	S 13
M14	22 44 48	9°17'33	6♌48	10° 2	24°23	10°56	22°35	0° 4	4°50	6°28	10°34	12°R48	11°23	20°17	n.a.	M14
T 15	22 48 44	10°17'32	20°53	8°47	25°11	11°40	22°48	0° 7	4°54	6°28	10°36	12°48	11°20	20°24	n.a.	T 15
W16	22 52 41	11°17'33	4♍47	7°34	25°57	12°24	23° 1	0° 9	4°58	6°28	10°38	12°47	11°17	20°30	n.a.	W16
T 17	22 56 37	12°17'36	18°28	6°26	26°44	13° 9	23°14	0°12	5° 2	6°28	10°40	12°44	11°13	20°37	n.a.	T 17
F 18	23 0 34	13°17'41	1♎51	5°25	27°29	13°54	23°28	0°16	5° 5	6°28	10°43	12°39	11°10	20°44	n.a.	F 18
S 19	23 4 30	14°17'48	14°57	4°32	28°13	14°38	23°41	0°19	5° 9	6°29	10°45	12°34	11° 7	20°51	n.a.	S 19
S 20	23 8 27	15°17'57	27°43	3°49	28°56	15°23	23°54	0°22	5°13	6°29	10°47	12°28	11° 4	20°57	n.a.	S 20
M21	23 12 23	16°18'08	10♏11	3°17	29°38	16° 8	24° 7	0°25	5°17	6°R29	10°49	12°23	11° 1	21° 4	n.a.	M21
T 22	23 16 20	17°18'20	22°25	2°57	0♏20	16°53	24°20	0°29	5°21	6°29	10°51	12°19	10°58	21°11	n.a.	T 22
W23	23 20 17	18°18'34	4♐26	2°D48	1° 0	17°38	24°34	0°32	5°24	6°29	10°54	12°16	10°54	21°17	n.a.	W23
T 24	23 24 13	19°18'50	16°19	2°50	1°39	18°23	24°47	0°36	5°28	6°28	10°56	12°D15	10°51	21°24	n.a.	T 24
F 25	23 28 10	20°19'08	28° 9	3° 3	2°16	19° 8	25° 0	0°40	5°32	6°28	10°58	12°15	10°48	21°31	n.a.	F 25
S 26	23 32 6	21°19'27	10♑ 2	3°27	2°53	19°53	25°13	0°44	5°35	6°28	11° 1	12°17	10°45	21°37	n.a.	S 26
S 27	23 36 3	22°19'48	22° 2	4° 0	3°28	20°38	25°27	0°47	5°39	6°28	11° 3	12°18	10°42	21°44	n.a.	S 27
M28	23 39 59	23°20'10	4♒15	4°41	4° 1	21°24	25°40	0°51	5°43	6°28	11° 5	12°20	10°38	21°51	n.a.	M28
T 29	23 43 56	24°20'34	16°43	5°31	4°34	22° 9	25°53	0°55	5°46	6°28	11° 8	12°R20	10°35	21°57	n.a.	T 29
W30	23 47 52	25♍21'00	29♒30	6♍27	5♏ 5	22♏54	26♍ 7	1♐ 0	5♍50	6♊27	11♎10	12♌18	10♌32	22♐ 4	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n56	18s 1	0n24	1n29	3s28	8s22	3s27	13s22	1s18	5n14	1n13	19s31	0n54	10n53	0n45	20n39	1s 5	8n50	14n 4	17n12	17n27	19s15		n.a.
W 2	12 36	15 22	0s46	1 25	3 29	8 50	3 32	13 38	1 18	5 9	1 13	19 32	0 54	10 52	0 45	20 40	1 5	8 49	14 4	17 12	17 28	19 16		n.a.
T 3	12 15	11 56	1 54	1 24	3 30	9 17	3 38	13 54	1 19	5 3	1 13	19 32	0 54	10 51	0 45	20 40	1 5	8 47	14 4	17 13	17 29	19 17		n.a.
F 4	11 54	7 52	2 58	1 28	3 29	9 44	3 44	14 10	1 19	4 58	1 13	19 33	0 53	10 49	0 45	20 40	1 5	8 46	14 3	17 13	17 30	19 18		n.a.
S 5	11 33	3 21	3 53	1 36	3 27	10 11	3 49	14 25	1 20	4 53	1 13	19 33	0 53	10 48	0 45	20 40	1 6	8 45	14 3	17 14	17 31	19 19		n.a.
S 6	11 11	1n24	4 36	1 49	3 24	10 37	3 55	14 40	1 20	4 48	1 13	19 34	0 53	10 46	0 45	20 40	1 6	8 44	14 2	17 14	17 32	19 20		n.a.
M 7	10 49	6 8	5 4	2 6	3 19	11 3	4 1	14 56	1 20	4 43	1 13	19 35	0 53	10 45	0 45	20 40	1 6	8 43	14 2	17 15	17 33	19 21		n.a.
T 8	10 28	10 37	5 15	2 29	3 12	11 29	4 6	15 11	1 21	4 37	1 13	19 35	0 53	10 44	0 45	20 40	1 6	8 42	14 2	17 16	17 34	19 22		n.a.
W 9	10 6	14 33	5 7	2 56	3 3	11 54	4 12	15 26	1 21	4 32	1 13	19 36	0 53	10 42	0 45	20 40	1 6	8 41	14 1	17 16	17 35	19 23		n.a.
T 10	9 43	17 41	4 40	3 29	2 52	12 19	4 17	15 41	1 22	4 27	1 13	19 37	0 52	10 41	0 45	20 40	1 6	8 40	14 1	17 16	17 36	19 24		n.a.
F 11	9 21	19 46	3 57	4 5	2 39	12 43	4 23	15 56	1 22	4 22	1 12	19 37	0 52	10 39	0 45	20 40	1 6	8 39	14 1	17 16	17 36	19 26		n.a.
S 12	8 58	20 36	2 58	4 46	2 25	13 7	4 28	16 11	1 22	4 16	1 12	19 38	0 52	10 38	0 45	20 40	1 6	8 38	14 0	17 16	17 37	19 27		n.a.
S 13	8 36	20 7	1 49	5 29	2 8	13 31	4 33	16 25	1 23	4 11	1 12	19 39	0 52	10 36	0 45	20 40	1 6	8 36	14 0	17 15	17 38	19 28		n.a.
M14	8 13	18 21	0 33	6 14	1 50	13 54	4 38	16 40	1 23	4 6	1 12	19 39	0 52	10 35	0 45	20 40	1 6	8 35	14 0	17 15	17 39	19 29		n.a.
T 15	7 50	15 28	0n44	7 1	1 31	14 17	4 43	16 54	1 23	4 0	1 12	19 40	0 52	10 34	0 45	20 40	1 6	8 34	14 0	17 15	17 40	19 30		n.a.
W16	7 27	11 44	1 58	7 47	1 11	14 39	4 48	17 9	1 24	3 55	1 12	19 41	0 51	10 32	0 45	20 40	1 6	8 33	13 59	17 15	17 41	19 31		n.a.
T 17	7 4	7 26	3 3	8 31	0 50	15 1	4 53	17 23	1 24	3 50	1 12	19 42	0 51	10 31	0 45	20 40	1 6	8 32	13 59	17 16	17 42	19 32		n.a.
F 18	6 40	2 51	3 57	9 13	0 30	15 22	4 58	17 37	1 24	3 44	1 12	19 43	0 51	10 29	0 45	20 40	1 6	8 31	13 59	17 18	17 43	19 33		n.a.
S 19	6 17	1s44	4 37	9 51	0 10	15 43	5 3	17 50	1 25	3 39	1 12	19 43	0 51	10 28	0 45	20 40	1 6	8 30	13 58	17 19	17 44	19 34		n.a.
S 20	5 53	6 9	5 2	10 25	0n10	16 3	5 7	18 4	1 25	3 34	1 12	19 44	0 51	10 27	0 45	20 40	1 6	8 29	13 58	17 21	17 44	19 35		n.a.
M21	5 30	10 12	5 11	10 54	0 28	16 22	5 12	18 18	1 25	3 28	1 12	19 45	0 51	10 25	0 45	20 40	1 6	8 28	13 58	17 22	17 45	19 36		n.a.
T 22	5 6	13 44	5 7	11 17	0 45	16 41	5 16	18 31	1 25	3 23	1 12	19 46	0 51	10 24	0 45	20 40	1 6	8 26	13 58	17 23	17 46	19 37		n.a.
W23	4 42	16 39	4 49	11 35	1 0	17 0	5 20	18 44	1 26	3 17	1 12	19 47	0 50	10 22	0 45	20 40	1 6	8 25	13 57	17 24	17 47	19 38		n.a.
T 24	4 18	18 50	4 19	11 47	1 14	17 17	5 24	18 57	1 26	3 12	1 12	19 48	0 50	10 21	0 45	20 40	1 6	8 24	13 57	17 24	17 48	19 39		n.a.
F 25	3 54	20 12	3 37	11 53	1 26	17 34	5 28	19 10	1 26	3 7	1 12	19 49	0 50	10 20	0 45	20 40	1 6	8 23	13 57	17 24	17 49	19 40		n.a.
S 26	3 30	20 41	2 47	11 55	1 37	17 51	5 32	19 23	1 26	3 1	1 12	19 50	0 50	10 18	0 45	20 40	1 6	8 22	13 57	17 24	17 50	19 41		n.a.
S 27	3 6	20 13	1 48	11 51	1 46	18 6	5 35	19 36	1 26	2 56	1 12	19 51	0 50	10 17	0 45	20 40	1 6	8 21	13 56	17 23	17 51	19 42		n.a.
M28	2 41	18 49	0 44	11 42	1 53	18 21	5 38	19 48	1 27	2 50	1 12	19 52	0 50	10 16	0 45	20 40	1 6	8 20	13 56	17 23	17 52	19 43		n.a.
T 29	2 17	16 28	0s24	11 29	1 59	18 36	5 41	20 0	1 27	2 45	1 11	19 53	0 49	10 14	0 45	20 40	1 6	8 19	13 56	17 23	17 52	19 44		n.a.
W30	1n53	13s16	1s32	11n12	2n 4	18s49	5s44	20s12	1s27	2n40	1n11	19s54	0n49	10n13	0n45	20n40	1s 6	8n18	13n56	17n23	17n53	19s45		n.a.

Julian Day Number = 1275330.5, Delta T = 08h13m15s
Ecliptic obliquity = 23°50'17, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'57, Lahiri = -20°48'56 Julian Calendar 1 Sept. 1222 BCE == Greg. Calendar 21 Aug. 1222 BCE

The year -1221 astronomical counting style corresponds to year 1222 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1222 BCE
geocentric

OCTOBER 1222 BCE (-1221) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 51 49	26♍21'27	12♓38	7♍30	5♏34	23♏40	26♍20	1♐ 4	5♍54	6°R27	11♎12	12°R15	10♌29	22♐11	n.a.	T 1
F 2	23 55 45	27°21'56	26° 6	8°37	6° 2	24°25	26°33	1° 8	5°57	6♊27	11°15	12♌ 9	10°26	22°18	n.a.	F 2
S 3	23 59 42	28°22'27	9♈53	9°50	6°28	25°11	26°46	1°12	6° 1	6°26	11°17	12° 2	10°23	22°24	n.a.	S 3
S 4	0 3 39	29°22'59	23°55	11° 6	6°52	25°56	27° 0	1°17	6° 5	6°26	11°19	11°54	10°19	22°31	n.a.	S 4
M 5	0 7 35	0♎23'34	8♉ 7	12°25	7°14	26°42	27°13	1°21	6° 8	6°25	11°22	11°46	10°16	22°38	n.a.	M 5
T 6	0 11 32	1°24'10	22°24	13°47	7°35	27°27	27°26	1°26	6°12	6°25	11°24	11°39	10°13	22°44	n.a.	T 6
W 7	0 15 28	2°24'48	6♊42	15°12	7°54	28°13	27°40	1°31	6°15	6°24	11°27	11°34	10°10	22°51	n.a.	W 7
T 8	0 19 25	3°25'28	20°57	16°39	8°11	28°59	27°53	1°35	6°19	6°24	11°29	11°31	10° 7	22°58	n.a.	T 8
F 9	0 23 21	4°26'11	5♋ 6	18° 7	8°25	29°45	28° 6	1°40	6°22	6°23	11°31	11°D31	10° 4	23° 4	n.a.	F 9
S 10	0 27 18	5°26'55	19° 7	19°37	8°38	0♐30	28°20	1°45	6°26	6°22	11°34	11°31	10° 0	23°11	n.a.	S 10
S 11	0 31 14	6°27'40	3♌ 2	21° 7	8°49	1°16	28°33	1°50	6°29	6°22	11°36	11°32	9°57	23°18	n.a.	S 11
M12	0 35 11	7°28'28	16°48	22°39	8°57	2° 2	28°46	1°55	6°32	6°21	11°39	11°R32	9°54	23°24	n.a.	M12
T 13	0 39 8	8°29'17	0♍25	24°11	9° 3	2°48	28°59	2° 0	6°36	6°20	11°41	11°31	9°51	23°31	n.a.	T 13
W14	0 43 4	9°30'08	13°53	25°44	9° 7	3°34	29°12	2° 5	6°39	6°20	11°43	11°26	9°48	23°38	n.a.	W14
T 15	0 47 1	10°31'00	27°11	27°17	9°R 8	4°20	29°26	2°10	6°43	6°19	11°46	11°19	9°44	23°44	n.a.	T 15
F 16	0 50 57	11°31'54	10♎16	28°51	9° 7	5° 6	29°39	2°16	6°46	6°18	11°48	11°10	9°41	23°51	n.a.	F 16
S 17	0 54 54	12°32'49	23° 8	0♎25	9° 4	5°52	29°52	2°21	6°49	6°17	11°51	10°59	9°38	23°58	n.a.	S 17
S 18	0 58 50	13°33'46	5♏45	1°59	8°58	6°38	0♎ 5	2°26	6°52	6°16	11°53	10°47	9°35	24° 4	n.a.	S 18
M19	1 2 47	14°34'43	18° 8	3°33	8°50	7°24	0°18	2°32	6°56	6°16	11°55	10°35	9°32	24°11	n.a.	M19
T 20	1 6 43	15°35'42	0♐18	5° 8	8°39	8°11	0°31	2°37	6°59	6°15	11°58	10°25	9°29	24°18	n.a.	T 20
W21	1 10 40	16°36'42	12°18	6°42	8°26	8°57	0°45	2°43	7° 2	6°14	12° 0	10°17	9°25	24°25	n.a.	W21
T 22	1 14 37	17°37'43	24° 9	8°17	8°10	9°43	0°58	2°48	7° 5	6°13	12° 3	10°11	9°22	24°31	n.a.	T 22
F 23	1 18 33	18°38'45	5♑58	9°51	7°52	10°29	1°11	2°54	7° 8	6°12	12° 5	10° 8	9°19	24°38	n.a.	F 23
S 24	1 22 30	19°39'47	17°48	11°25	7°31	11°15	1°24	3° 0	7°11	6°11	12° 7	10°D 7	9°16	24°45	n.a.	S 24
S 25	1 26 26	20°40'51	29°46	13° 0	7° 9	12° 2	1°37	3° 6	7°14	6°10	12°10	10° 8	9°13	24°51	n.a.	S 25
M26	1 30 23	21°41'55	11♒56	14°34	6°44	12°48	1°50	3°12	7°17	6° 8	12°12	10°R 8	9° 9	24°58	n.a.	M26
T 27	1 34 19	22°43'00	24°25	16° 8	6°17	13°34	2° 2	3°17	7°20	6° 7	12°15	10° 7	9° 6	25° 5	n.a.	T 27
W28	1 38 16	23°44'06	7♓15	17°42	5°48	14°21	2°15	3°23	7°23	6° 6	12°17	10° 4	9° 3	25°11	n.a.	W28
T 29	1 42 12	24°45'12	20°32	19°17	5°18	15° 7	2°28	3°29	7°26	6° 5	12°19	9°58	9° 0	25°18	n.a.	T 29
F 30	1 46 9	25°46'19	4♈14	20°51	4°46	15°53	2°41	3°35	7°29	6° 4	12°22	9°50	8°57	25°25	n.a.	F 30
S 31	1 50 6	26♎47'27	18♈21	22♎25	4♏12	16♐40	2♎54	3♐42	7♍32	6♊ 3	12♎24	9♌39	8♌54	25♐31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n28	9s20	2s36	10n52	2n 8	19s 1	5s47	20s24	1s27	2n34	1n11	19s55	0n49	10n12	0n45	20n40	1s 6	8n17	13n56	17n25	17n54	19s46			n.a.
F 2	1 4	4 50	3 34	10 28	2 10	19 13	5 49	20 36	1 27	2 29	1 11	19 56	0 49	10 10	0 45	20 39	1 6	8 16	13 56	17 26	17 55	19 47			n.a.
S 3	0 39	0 0	4 21	10 2	2 11	19 24	5 51	20 47	1 27	2 23	1 11	19 57	0 49	10 9	0 45	20 39	1 6	8 14	13 55	17 28	17 56	19 48			n.a.
S 4	0 15	4n54	4 52	9 33	2 12	19 34	5 53	20 58	1 27	2 18	1 11	19 58	0 49	10 8	0 45	20 39	1 6	8 13	13 55	17 30	17 57	19 49			n.a.
M 5	0s10	9 37	5 7	9 2	2 11	19 43	5 54	21 10	1 27	2 13	1 11	19 59	0 49	10 6	0 45	20 39	1 6	8 12	13 55	17 33	17 58	19 50			n.a.
T 6	0 34	13 49	5 2	8 28	2 10	19 51	5 56	21 20	1 28	2 7	1 11	20 0	0 48	10 5	0 45	20 39	1 6	8 11	13 55	17 35	17 59	19 51			n.a.
W 7	0 59	17 13	4 38	7 53	2 8	19 58	5 56	21 31	1 28	2 2	1 11	20 1	0 48	10 4	0 45	20 39	1 6	8 10	13 55	17 36	17 59	19 52			n.a.
T 8	1 23	19 34	3 58	7 17	2 5	20 4	5 57	21 41	1 28	1 57	1 11	20 2	0 48	10 2	0 45	20 39	1 6	8 9	13 55	17 37	18 0	19 53			n.a.
F 9	1 47	20 42	3 3	6 39	2 2	20 9	5 57	21 52	1 28	1 51	1 11	20 3	0 48	10 1	0 45	20 39	1 6	8 8	13 55	17 37	18 1	19 54			n.a.
S 10	2 12	20 31	1 57	6 0	1 59	20 13	5 57	22 2	1 28	1 46	1 11	20 4	0 48	10 0	0 45	20 39	1 6	8 7	13 54	17 37	18 2	19 54			n.a.
S 11	2 36	19 4	0 46	5 20	1 55	20 16	5 56	22 11	1 28	1 40	1 11	20 6	0 48	9 58	0 45	20 38	1 6	8 6	13 54	17 37	18 3	19 55			n.a.
M12	3 1	16 31	0n28	4 39	1 50	20 18	5 55	22 21	1 28	1 35	1 11	20 7	0 48	9 57	0 45	20 38	1 6	8 5	13 54	17 37	18 4	19 56			n.a.
T 13	3 25	13 3	1 39	3 57	1 46	20 18	5 53	22 30	1 28	1 30	1 11	20 8	0 48	9 56	0 45	20 38	1 6	8 4	13 54	17 37	18 5	19 57			n.a.
W14	3 50	8 57	2 44	3 15	1 41	20 18	5 51	22 39	1 28	1 24	1 11	20 9	0 47	9 55	0 45	20 38	1 6	8 3	13 54	17 38	18 5	19 58			n.a.
T 15	4 14	4 28	3 39	2 33	1 35	20 16	5 48	22 48	1 28	1 19	1 11	20 10	0 47	9 53	0 45	20 38	1 7	8 2	13 54	17 40	18 6	19 59			n.a.
F 16	4 38	0s 9	4 21	1 50	1 30	20 12	5 45	22 57	1 28	1 14	1 11	20 11	0 47	9 52	0 45	20 38	1 7	8 1	13 54	17 43	18 7	20 0			n.a.
S 17	5 2	4 40	4 49	1 7	1 24	20 8	5 41	23 5	1 28	1 8	1 11	20 13	0 47	9 51	0 45	20 38	1 7	8 0	13 54	17 46	18 8	20 1			n.a.
S 18	5 26	8 55	5 2	0 23	1 18	20 1	5 37	23 13	1 28	1 3	1 11	20 14	0 47	9 50	0 45	20 37	1 7	7 59	13 54	17 49	18 9	20 2			n.a.
M19	5 50	12 43	5 0	0s21	1 12	19 54	5 32	23 21	1 28	0 58	1 11	20 15	0 47	9 49	0 45	20 37	1 7	7 58	13 54	17 53	18 10	20 3			n.a.
T 20	6 14	15 54	4 45	1 4	1 6	19 45	5 26	23 29	1 28	0 52	1 11	20 16	0 47	9 47	0 45	20 37	1 7	7 57	13 54	17 55	18 11	20 4			n.a.
W21	6 38	18 23	4 18	1 48	0 59	19 35	5 20	23 36	1 28	0 47	1 11	20 17	0 46	9 46	0 45	20 37	1 7	7 56	13 54	17 58	18 12	20 5			n.a.
T 22	7 2	20 4	3 39	2 32	0 53	19 23	5 13	23 43	1 28	0 42	1 11	20 19	0 46	9 45	0 45	20 37	1 7	7 55	13 54	17 59	18 12	20 6			n.a.
F 23	7 25	20 51	2 51	3 15	0 46	19 10	5 6	23 50	1 28	0 37	1 11	20 20	0 46	9 44	0 45	20 36	1 7	7 54	13 54	18 0	18 13	20 6			n.a.
S 24	7 49	20 43	1 56	3 59	0 40	18 56	4 58	23 57	1 28	0 31	1 11	20 21	0 46	9 43	0 45	20 36	1 7	7 53	13 54	18 0	18 14	20 7			n.a.
S 25	8 12	19 39	0 55	4 42	0 33	18 40	4 49	24 3	1 27	0 26	1 11	20 22	0 46	9 42	0 45	20 36	1 7	7 52	13 54	18 0	18 15	20 8			n.a.
M26	8 36	17 39	0s10	5 26	0 26	18 22	4 39	24 9	1 27	0 21	1 11	20 24	0 46	9 41	0 45	20 36	1 7	7 51	13 54	18 0	18 16	20 9			n.a.
T 27	8 59	14 47	1 15	6 9	0 20	18 4	4 29	24 15	1 27	0 16	1 11	20 25	0 46	9 39	0 45	20 36	1 7	7 50	13 54	18 0	18 17	20 10			n.a.
W28	9 22	11 8	2 19	6 52	0 13	17 44	4 18	24 21	1 27	0 11	1 11	20 26	0 46	9 38	0 45	20 35	1 7	7 50	13 54	18 1	18 18	20 11			n.a.
T 29	9 45	6 49	3 17	7 34	0 7	17 22	4 7	24 26	1 27	0 6	1 11	20 27	0 46	9 37	0 45	20 35	1 7	7 49	13 54	18 3	18 18	20 12			n.a.
F 30	10 7	2 2	4 5	8 16	0s 0	17 0	3 55	24 31	1 27	0 0	1 12	20 29	0 45	9 36	0 45	20 35	1 7	7 48	13 54	18 5	18 19	20 13			n.a.
S 31	10s30	3n 0	4s40	8s58	0s 7	16s36	3s42	24s36	1s27	0s 5	1n12	20s30	0n45	9n35	0n45	20n35	1s 7	7n47	13n54	18n 8	18n20	20s13			n.a.

Julian Day Number = 1275360.5, Delta T = 08h13m14s
Ecliptic obliquity = 23°50'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'53, Lahiri = -20°48'52 Julian Calendar 1 Oct. 1222 BCE == Greg. Calendar 20 Sept. 1222 BCE

The year -1221 astronomical counting style corresponds to year 1222 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1222 BCE
geocentric

NOVEMBER 1222 BCE (-1221) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 54 2	27♎48'35	2♉49	23♎59	3°R38	17♐26	3♎ 6	3♐48	7♍35	6°R 1	12♎27	9°R27	8♌50	25♐38	n.a.	S 1
M 2	1 57 59	28°49'45	17°30	25°34	3♏ 2	18°13	3°19	3°54	7°37	6♊ 0	12°29	9♌15	8°47	25°45	n.a.	M 2
T 3	2 1 55	29°50'55	2♊16	27° 8	2°26	18°59	3°32	4° 0	7°40	5°59	12°31	9° 5	8°44	25°51	n.a.	T 3
W 4	2 5 52	0♏52'06	16°59	28°42	1°50	19°46	3°44	4° 6	7°43	5°58	12°34	8°57	8°41	25°58	n.a.	W 4
T 5	2 9 48	1°53'19	1♋33	0♏16	1°13	20°32	3°57	4°13	7°45	5°56	12°36	8°51	8°38	26° 5	n.a.	T 5
F 6	2 13 45	2°54'32	15°52	1°51	0°37	21°19	4° 9	4°19	7°48	5°55	12°38	8°49	8°35	26°11	n.a.	F 6
S 7	2 17 41	3°55'46	29°56	3°26	0° 1	22° 5	4°22	4°26	7°50	5°53	12°40	8°48	8°31	26°18	n.a.	S 7
S 8	2 21 38	4°57'01	13♌43	5° 0	29♎26	22°51	4°34	4°32	7°53	5°52	12°43	8°48	8°28	26°25	n.a.	S 8
M 9	2 25 35	5°58'17	27°16	6°35	28°51	23°38	4°47	4°38	7°55	5°51	12°45	8°47	8°25	26°32	n.a.	M 9
T 10	2 29 31	6°59'33	10♍34	8°10	28°18	24°24	4°59	4°45	7°58	5°49	12°47	8°45	8°22	26°38	n.a.	T 10
W11	2 33 28	8° 0'50	23°40	9°45	27°46	25°11	5°11	4°52	8° 0	5°48	12°49	8°39	8°19	26°45	n.a.	W11
T 12	2 37 24	9° 2'08	6♎35	11°20	27°15	25°58	5°23	4°58	8° 2	5°46	12°52	8°30	8°15	26°52	n.a.	T 12
F 13	2 41 21	10° 3'26	19°19	12°56	26°46	26°44	5°36	5° 5	8° 5	5°45	12°54	8°18	8°12	26°58	n.a.	F 13
S 14	2 45 17	11° 4'45	1♏53	14°31	26°20	27°31	5°48	5°11	8° 7	5°43	12°56	8° 5	8° 9	27° 5	n.a.	S 14
S 15	2 49 14	12° 6'04	14°16	16° 7	25°55	28°17	6° 0	5°18	8° 9	5°42	12°58	7°50	8° 6	27°12	n.a.	S 15
M16	2 53 10	13° 7'23	26°29	17°43	25°32	29° 4	6°12	5°25	8°11	5°40	13° 1	7°35	8° 3	27°18	n.a.	M16
T 17	2 57 7	14° 8'42	8♐33	19°20	25°11	29°50	6°23	5°32	8°13	5°39	13° 3	7°22	8° 0	27°25	n.a.	T 17
W18	3 1 4	15°10'02	20°28	20°56	24°53	0♑37	6°35	5°38	8°15	5°37	13° 5	7°11	7°56	27°32	n.a.	W18
T 19	3 5 0	16°11'21	2♑17	22°33	24°37	1°23	6°47	5°45	8°17	5°36	13° 7	7° 4	7°53	27°38	n.a.	T 19
F 20	3 8 57	17°12'40	14° 4	24°10	24°24	2°10	6°59	5°52	8°19	5°34	13° 9	6°59	7°50	27°45	n.a.	F 20
S 21	3 12 53	18°14'00	25°53	25°47	24°13	2°56	7°10	5°59	8°21	5°32	13°11	6°57	7°47	27°52	n.a.	S 21
S 22	3 16 50	19°15'18	7♒48	27°24	24° 4	3°43	7°22	6° 6	8°23	5°31	13°13	6°D57	7°44	27°58	n.a.	S 22
M23	3 20 46	20°16'37	19°54	29° 2	23°58	4°29	7°33	6°13	8°25	5°29	13°15	6°R57	7°41	28° 5	n.a.	M23
T 24	3 24 43	21°17'55	2♓18	0♐39	23°55	5°16	7°45	6°20	8°27	5°28	13°17	6°56	7°37	28°12	n.a.	T 24
W25	3 28 40	22°19'13	15° 5	2°17	23°D54	6° 2	7°56	6°27	8°28	5°26	13°19	6°54	7°34	28°18	n.a.	W25
T 26	3 32 36	23°20'30	28°18	3°55	23°55	6°49	8° 7	6°34	8°30	5°24	13°21	6°49	7°31	28°25	n.a.	T 26
F 27	3 36 33	24°21'47	12♈ 1	5°33	23°59	7°35	8°18	6°40	8°32	5°23	13°23	6°42	7°28	28°32	n.a.	F 27
S 28	3 40 29	25°23'03	26°14	7°11	24° 5	8°22	8°29	6°47	8°33	5°21	13°25	6°33	7°25	28°38	n.a.	S 28
S 29	3 44 26	26°24'19	10♉52	8°48	24°14	9° 8	8°40	6°54	8°35	5°19	13°27	6°22	7°21	28°45	n.a.	S 29
M30	3 48 22	27♏25'34	25♉50	10♐26	24♎24	9♑55	8♎51	7♐ 2	8♍36	5♊18	13♎29	6♌11	7♌18	28♐52	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s52	7n59	4s59	9s40	0s13	16s12	3s29	24s40	1s27	0s10	1n12	20s31	0n45	9n34	0n45	20n35	1s 7	7n46	13n54	18n11	18n21	20s14		n.a.
M 2	11 14	12 35	4 58	10 21	0 20	15 47	3 15	24 44	1 26	0 15	1 12	20 33	0 45	9 33	0 45	20 34	1 7	7 45	13 54	18 14	18 22	20 15		n.a.
T 3	11 36	16 26	4 37	11 1	0 26	15 21	3 1	24 48	1 26	0 20	1 12	20 34	0 45	9 32	0 45	20 34	1 7	7 44	13 54	18 17	18 23	20 16		n.a.
W 4	11 58	19 15	3 58	11 41	0 32	14 54	2 46	24 52	1 26	0 25	1 12	20 35	0 45	9 31	0 46	20 34	1 7	7 44	13 54	18 19	18 23	20 17		n.a.
T 5	12 20	20 47	3 3	12 21	0 38	14 27	2 32	24 55	1 26	0 30	1 12	20 36	0 45	9 30	0 46	20 34	1 7	7 43	13 54	18 21	18 24	20 18		n.a.
F 6	12 41	20 55	1 58	13 0	0 44	14 0	2 16	24 58	1 26	0 35	1 12	20 38	0 45	9 29	0 46	20 33	1 7	7 42	13 54	18 21	18 25	20 19		n.a.
S 7	13 2	19 44	0 47	13 39	0 50	13 33	2 1	25 1	1 25	0 40	1 12	20 39	0 45	9 28	0 46	20 33	1 7	7 41	13 54	18 22	18 26	20 19		n.a.
S 8	13 23	17 24	0n26	14 17	0 56	13 5	1 45	25 4	1 25	0 45	1 12	20 40	0 44	9 27	0 46	20 33	1 7	7 40	13 54	18 22	18 27	20 20		n.a.
M 9	13 44	14 7	1 36	14 55	1 2	12 38	1 30	25 6	1 25	0 50	1 12	20 42	0 44	9 27	0 46	20 33	1 7	7 40	13 55	18 22	18 28	20 21		n.a.
T 10	14 4	10 11	2 39	15 32	1 8	12 12	1 14	25 8	1 25	0 55	1 12	20 43	0 44	9 26	0 46	20 32	1 7	7 39	13 55	18 22	18 29	20 22		n.a.
W11	14 25	5 48	3 33	16 8	1 13	11 46	0 58	25 9	1 25	1 0	1 12	20 44	0 44	9 25	0 46	20 32	1 7	7 38	13 55	18 24	18 29	20 23		n.a.
T 12	14 45	1 14	4 15	16 43	1 18	11 20	0 43	25 11	1 24	1 4	1 12	20 46	0 44	9 24	0 46	20 32	1 7	7 37	13 55	18 26	18 30	20 24		n.a.
F 13	15 5	3s19	4 44	17 18	1 23	10 55	0 28	25 12	1 24	1 9	1 12	20 47	0 44	9 23	0 46	20 31	1 7	7 37	13 55	18 29	18 31	20 24		n.a.
S 14	15 24	7 40	4 58	17 52	1 28	10 31	0 13	25 13	1 24	1 14	1 12	20 48	0 44	9 22	0 46	20 31	1 7	7 36	13 55	18 33	18 32	20 25		n.a.
S 15	15 43	11 39	4 58	18 25	1 33	10 8	0n 2	25 13	1 23	1 19	1 12	20 50	0 44	9 21	0 46	20 31	1 7	7 35	13 55	18 37	18 33	20 26		n.a.
M16	16 2	15 6	4 44	18 57	1 37	9 46	0 17	25 13	1 23	1 24	1 12	20 51	0 44	9 21	0 46	20 31	1 7	7 35	13 56	18 41	18 34	20 27		n.a.
T 17	16 21	17 52	4 17	19 28	1 41	9 25	0 31	25 13	1 23	1 28	1 13	20 52	0 44	9 20	0 46	20 30	1 7	7 34	13 56	18 44	18 34	20 28		n.a.
W18	16 39	19 50	3 39	19 59	1 45	9 6	0 45	25 13	1 23	1 33	1 13	20 53	0 43	9 19	0 46	20 30	1 7	7 33	13 56	18 47	18 35	20 28		n.a.
T 19	16 57	20 57	2 52	20 28	1 49	8 48	0 58	25 12	1 22	1 38	1 13	20 55	0 43	9 18	0 46	20 30	1 7	7 33	13 56	18 49	18 36	20 29		n.a.
F 20	17 15	21 7	1 58	20 56	1 52	8 31	1 11	25 11	1 22	1 42	1 13	20 56	0 43	9 18	0 46	20 30	1 7	7 32	13 56	18 50	18 37	20 30		n.a.
S 21	17 33	20 22	0 58	21 23	1 56	8 15	1 24	25 10	1 22	1 47	1 13	20 57	0 43	9 17	0 46	20 29	1 7	7 31	13 56	18 51	18 38	20 31		n.a.
S 22	17 50	18 42	0s 5	21 49	1 58	8 1	1 36	25 8	1 21	1 51	1 13	20 59	0 43	9 16	0 46	20 29	1 7	7 31	13 57	18 51	18 39	20 32		n.a.
M23	18 7	16 10	1 8	22 14	2 1	7 48	1 47	25 7	1 21	1 56	1 13	21 0	0 43	9 16	0 46	20 29	1 7	7 30	13 57	18 51	18 39	20 32		n.a.
T 24	18 23	12 51	2 10	22 38	2 3	7 36	1 58	25 5	1 21	2 0	1 13	21 1	0 43	9 15	0 46	20 28	1 7	7 30	13 57	18 51	18 40	20 33		n.a.
W25	18 39	8 51	3 8	23 0	2 4	7 26	2 9	25 2	1 20	2 5	1 13	21 3	0 43	9 15	0 46	20 28	1 7	7 29	13 57	18 51	18 41	20 34		n.a.
T 26	18 55	4 18	3 57	23 20	2 6	7 17	2 19	24 59	1 20	2 9	1 13	21 4	0 43	9 14	0 46	20 28	1 7	7 28	13 58	18 53	18 42	20 35		n.a.
F 27	19 11	0n37	4 35	23 39	2 6	7 10	2 28	24 57	1 20	2 14	1 13	21 5	0 43	9 13	0 46	20 27	1 7	7 28	13 58	18 54	18 43	20 35		n.a.
S 28	19 26	5 41	4 57	23 57	2 7	7 4	2 37	24 53	1 19	2 18	1 14	21 6	0 43	9 13	0 46	20 27	1 7	7 27	13 58	18 57	18 43	20 36		n.a.
S 29	19 40	10 34	5 1	24 13	2 6	6 59	2 46	24 50	1 19	2 22	1 14	21 8	0 42	9 12	0 46	20 27	1 7	7 27	13 58	19 0	18 44	20 37		n.a.
M30	19s55	14n55	4s45	24s27	2s 6	6s55	2n54	24s46	1s19	2s26	1n14	21s 9	0n42	9n12	0n46	20n27	1s 7	7n26	13n59	19n 2	18n45	20s38		n.a.

Julian Day Number = 1275391.5, Delta T = 08h13m12s
Ecliptic obliquity = 23°50'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'48, Lahiri = -20°48'48 Julian Calendar 1 Nov. 1222 BCE == Greg. Calendar 21 Oct. 1222 BCE

The year -1221 astronomical counting style corresponds to year 1222 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1222 BCE
geocentric

DECEMBER 1222 BCE (-1221) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 52 19	28♏26'49	10♊58	12♐ 3	24♎37	10♑41	9♎ 2	7♐ 9	8♍37	5°R16	13♎31	6°R 1	7♌15	28♐58	n.a.	T 1
W 2	3 56 15	29°28'04	26° 6	13°39	24°53	11°27	9°13	7°16	8°39	5♊14	13°33	5♌53	7°12	29° 5	n.a.	W 2
T 3	4 0 12	0♐29'19	11♋ 4	15°15	25°10	12°14	9°24	7°23	8°40	5°13	13°34	5°48	7° 9	29°12	n.a.	T 3
F 4	4 4 9	1°30'33	25°44	16°49	25°29	13° 0	9°34	7°30	8°41	5°11	13°36	5°46	7° 6	29°18	n.a.	F 4
S 5	4 8 5	2°31'47	10♌ 3	18°23	25°50	13°47	9°45	7°37	8°42	5° 9	13°38	5°D46	7° 2	29°25	n.a.	S 5
S 6	4 12 2	3°33'00	23°58	19°55	26°13	14°33	9°55	7°44	8°44	5° 7	13°40	5°46	6°59	29°32	n.a.	S 6
M 7	4 15 58	4°34'14	7♍31	21°25	26°38	15°19	10° 5	7°51	8°45	5° 6	13°42	5°R47	6°56	29°38	n.a.	M 7
T 8	4 19 55	5°35'26	20°43	22°53	27° 5	16° 6	10°15	7°58	8°46	5° 4	13°43	5°45	6°53	29°45	n.a.	T 8
W 9	4 23 51	6°36'39	3♎39	24°18	27°34	16°52	10°25	8° 5	8°47	5° 2	13°45	5°42	6°50	29°52	n.a.	W 9
T 10	4 27 48	7°37'51	16°19	25°40	28° 4	17°38	10°35	8°12	8°47	5° 1	13°47	5°36	6°46	29°59	n.a.	T 10
F 11	4 31 45	8°39'02	28°47	26°58	28°35	18°24	10°45	8°19	8°48	4°59	13°48	5°27	6°43	0♑ 5	n.a.	F 11
S 12	4 35 41	9°40'13	11♏ 5	28°12	29° 8	19°11	10°55	8°26	8°49	4°57	13°50	5°17	6°40	0°12	n.a.	S 12
S 13	4 39 38	10°41'23	23°14	29°20	29°43	19°57	11° 5	8°34	8°50	4°56	13°51	5° 6	6°37	0°19	n.a.	S 13
M14	4 43 34	11°42'32	5♐16	0♑22	0♏19	20°43	11°14	8°41	8°50	4°54	13°53	4°55	6°34	0°25	n.a.	M14
T 15	4 47 31	12°43'41	17°11	1°18	0°56	21°29	11°24	8°48	8°51	4°52	13°54	4°45	6°31	0°32	n.a.	T 15
W16	4 51 27	13°44'48	29° 2	2° 6	1°35	22°15	11°33	8°55	8°52	4°50	13°56	4°37	6°27	0°39	n.a.	W16
T 17	4 55 24	14°45'55	10♑50	2°45	2°14	23° 1	11°42	9° 2	8°52	4°49	13°57	4°32	6°24	0°45	n.a.	T 17
F 18	4 59 20	15°47'00	22°38	3°15	2°55	23°48	11°51	9° 9	8°53	4°47	13°59	4°28	6°21	0°52	n.a.	F 18
S 19	5 3 17	16°48'04	4♒27	3°34	3°37	24°34	12° 0	9°16	8°53	4°45	14° 0	4°D28	6°18	0°59	n.a.	S 19
S 20	5 7 14	17°49'07	16°23	3°R43	4°21	25°20	12° 9	9°23	8°53	4°44	14° 1	4°28	6°15	1° 5	n.a.	S 20
M21	5 11 10	18°50'08	28°29	3°41	5° 5	26° 6	12°18	9°30	8°54	4°42	14° 3	4°30	6°12	1°12	n.a.	M21
T 22	5 15 7	19°51'08	10♓51	3°27	5°50	26°52	12°26	9°37	8°54	4°41	14° 4	4°31	6° 8	1°19	n.a.	T 22
W23	5 19 3	20°52'06	23°32	3° 3	6°36	27°38	12°35	9°44	8°54	4°39	14° 5	4°R31	6° 5	1°25	n.a.	W23
T 24	5 23 0	21°53'03	6♈38	2°27	7°23	28°24	12°43	9°51	8°54	4°37	14° 7	4°30	6° 2	1°32	n.a.	T 24
F 25	5 26 56	22°53'58	20°12	1°41	8°11	29° 9	12°51	9°58	8°R54	4°36	14° 8	4°27	5°59	1°39	n.a.	F 25
S 26	5 30 53	23°54'52	4♉16	0°47	9° 0	29°55	13° 0	10° 5	8°54	4°34	14° 9	4°22	5°56	1°45	n.a.	S 26
S 27	5 34 50	24°55'44	18°48	29♐45	9°49	0♒41	13° 8	10°12	8°54	4°33	14°10	4°17	5°52	1°52	n.a.	S 27
M28	5 38 46	25°56'35	3♊44	28°37	10°40	1°27	13°15	10°19	8°54	4°31	14°11	4°10	5°49	1°59	n.a.	M28
T 29	5 42 43	26°57'24	18°56	27°26	11°31	2°13	13°23	10°26	8°54	4°29	14°12	4° 5	5°46	2° 5	n.a.	T 29
W30	5 46 39	27°58'12	4♋14	26°14	12°23	2°58	13°31	10°33	8°53	4°28	14°13	4° 1	5°43	2°12	n.a.	W30
T 31	5 50 36	28♐58'58	19♋26	25♐ 2	13♏15	3♒44	13♎38	10♐40	8♍53	4♊26	14♎14	3♌58	5♌40	2♑19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s 9	18n22	4s 8	24s40	2s 4	6s53	3n 2	24s42	1s18	2s31	1n14	21s10	0n42	9n11	0n47	20n26	1s 7	7n26	13n59	19n 5	18n46	20s38			n.a.
W 2	20 22	20 32	3 15	24 51	2 2	6 52	3 9	24 38	1 18	2 35	1 14	21 11	0 42	9 11	0 47	20 26	1 7	7 25	13 59	19 7	18 47	20 39			n.a.
T 3	20 36	21 15	2 8	24 59	2 0	6 52	3 16	24 33	1 17	2 39	1 14	21 13	0 42	9 10	0 47	20 26	1 7	7 25	13 59	19 8	18 48	20 40			n.a.
F 4	20 48	20 29	0 53	25 6	1 57	6 53	3 22	24 28	1 17	2 43	1 14	21 14	0 42	9 10	0 47	20 25	1 7	7 25	14 0	19 9	18 48	20 41			n.a.
S 5	21 1	18 23	0n23	25 11	1 53	6 56	3 28	24 23	1 17	2 47	1 14	21 15	0 42	9 10	0 47	20 25	1 7	7 24	14 0	19 9	18 49	20 41			n.a.
S 6	21 13	15 15	1 36	25 14	1 48	6 59	3 33	24 17	1 16	2 51	1 14	21 16	0 42	9 9	0 47	20 25	1 7	7 24	14 0	19 9	18 50	20 42			n.a.
M 7	21 24	11 23	2 41	25 15	1 42	7 3	3 38	24 12	1 16	2 55	1 15	21 18	0 42	9 9	0 47	20 25	1 7	7 23	14 1	19 8	18 51	20 43			n.a.
T 8	21 36	7 2	3 36	25 14	1 36	7 9	3 43	24 6	1 15	2 59	1 15	21 19	0 42	9 8	0 47	20 24	1 7	7 23	14 1	19 9	18 52	20 44			n.a.
W 9	21 46	2 29	4 19	25 11	1 28	7 15	3 47	24 0	1 15	3 3	1 15	21 20	0 42	9 8	0 47	20 24	1 7	7 23	14 1	19 10	18 52	20 44			n.a.
T 10	21 57	2s 6	4 48	25 6	1 20	7 22	3 51	23 53	1 14	3 7	1 15	21 21	0 42	9 8	0 47	20 24	1 7	7 22	14 1	19 11	18 53	20 45			n.a.
F 11	22 7	6 31	5 3	24 58	1 10	7 30	3 55	23 46	1 14	3 11	1 15	21 23	0 42	9 8	0 47	20 23	1 7	7 22	14 2	19 13	18 54	20 46			n.a.
S 12	22 16	10 36	5 3	24 49	1 0	7 39	3 58	23 39	1 14	3 14	1 15	21 24	0 41	9 7	0 47	20 23	1 7	7 22	14 2	19 16	18 55	20 46			n.a.
S 13	22 25	14 13	4 50	24 38	0 48	7 48	4 1	23 32	1 13	3 18	1 15	21 25	0 41	9 7	0 47	20 23	1 7	7 21	14 2	19 19	18 56	20 47			n.a.
M14	22 34	17 12	4 24	24 26	0 36	7 58	4 4	23 24	1 13	3 22	1 15	21 26	0 41	9 7	0 47	20 22	1 7	7 21	14 3	19 21	18 57	20 48			n.a.
T 15	22 42	19 27	3 46	24 12	0 22	8 9	4 6	23 17	1 12	3 25	1 16	21 27	0 41	9 7	0 47	20 22	1 7	7 21	14 3	19 24	18 57	20 49			n.a.
W16	22 50	20 51	2 59	23 56	0 7	8 21	4 8	23 9	1 12	3 29	1 16	21 29	0 41	9 6	0 47	20 22	1 7	7 20	14 3	19 26	18 58	20 49			n.a.
T 17	22 57	21 20	2 4	23 40	0n 9	8 33	4 10	23 0	1 11	3 32	1 16	21 30	0 41	9 6	0 47	20 22	1 7	7 20	14 4	19 27	18 59	20 50			n.a.
F 18	23 4	20 52	1 4	23 23	0 25	8 46	4 11	22 52	1 11	3 36	1 16	21 31	0 41	9 6	0 47	20 21	1 7	7 20	14 4	19 28	19 0	20 51			n.a.
S 19	23 10	19 28	0 0	23 5	0 43	8 59	4 12	22 43	1 10	3 39	1 16	21 32	0 41	9 6	0 47	20 21	1 7	7 20	14 4	19 28	19 1	20 51			n.a.
S 20	23 16	17 12	1s 4	22 46	1 1	9 13	4 13	22 34	1 10	3 43	1 16	21 33	0 41	9 6	0 47	20 21	1 7	7 20	14 5	19 28	19 1	20 52			n.a.
M21	23 22	14 10	2 7	22 28	1 19	9 27	4 14	22 25	1 9	3 46	1 16	21 34	0 41	9 6	0 47	20 20	1 7	7 19	14 5	19 27	19 2	20 53			n.a.
T 22	23 27	10 27	3 4	22 10	1 38	9 42	4 14	22 16	1 9	3 49	1 17	21 35	0 41	9 6	0 47	20 20	1 7	7 19	14 6	19 27	19 3	20 53			n.a.
W23	23 31	6 11	3 55	21 52	1 56	9 57	4 14	22 6	1 8	3 53	1 17	21 37	0 41	9 6	0 47	20 20	1 7	7 19	14 6	19 27	19 4	20 54			n.a.
T 24	23 35	1 31	4 35	21 34	2 15	10 12	4 14	21 56	1 8	3 56	1 17	21 38	0 41	9 6	0 48	20 20	1 7	7 19	14 6	19 27	19 5	20 55			n.a.
F 25	23 39	3n23	5 1	21 18	2 32	10 28	4 14	21 46	1 7	3 59	1 17	21 39	0 41	9 6	0 48	20 19	1 7	7 19	14 7	19 28	19 5	20 55			n.a.
S 26	23 42	8 17	5 10	21 2	2 48	10 44	4 14	21 36	1 7	4 2	1 17	21 40	0 41	9 6	0 48	20 19	1 7	7 19	14 7	19 29	19 6	20 56			n.a.
S 27	23 44	12 53	5 1	20 48	3 2	11 0	4 13	21 25	1 6	4 5	1 17	21 41	0 40	9 6	0 48	20 19	1 7	7 19	14 7	19 31	19 7	20 56			n.a.
M28	23 46	16 49	4 30	20 35	3 15	11 17	4 12	21 14	1 6	4 8	1 18	21 42	0 40	9 6	0 48	20 19	1 6	7 19	14 8	19 32	19 8	20 57			n.a.
T 29	23 48	19 42	3 41	20 23	3 26	11 34	4 11	21 3	1 5	4 11	1 18	21 43	0 40	9 6	0 48	20 18	1 6	7 19	14 8	19 33	19 9	20 58			n.a.
W30	23 49	21 11	2 35	20 13	3 34	11 51	4 10	20 52	1 5	4 14	1 18	21 44	0 40	9 6	0 48	20 18	1 6	7 19	14 9	19 34	19 9	20 58			n.a.
T 31	23s50	21n 6	1s19	20s 5	3n40	12s 8	4n 8	20s41	1s 4	4s16	1n18	21s45	0n40	9n 6	0n48	20n18	1s 6	7n19	14n 9	19n35	19n10	20s59			n.a.

Julian Day Number = 1275421.5, Delta T = 08h13m10s
Ecliptic obliquity = 23°50'17, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'44, Lahiri = -20°48'44 Julian Calendar 1 Dec. 1222 BCE == Greg. Calendar 20 Nov. 1222 BCE

The year -1221 astronomical counting style corresponds to year 1222 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1221 BCE
geocentric

JANUARY 1221 BCE (-1220) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 54 32	29♐59'43	4♌25	23°R52	14♏ 8	4♒30	13♎45	10♐47	8°R53	4°R25	14♎15	3°D57	5♌37	2♉25	n.a.	F 1
S 2	5 58 29	1♉ 0'26	19° 2	22♐47	15° 2	5°15	13°52	10°53	8♏52	4♊23	14°16	3♌58	5°33	2°32	n.a.	S 2
S 3	6 2 25	2° 1'08	3♍13	21°47	15°57	6° 1	13°59	11° 0	8°52	4°22	14°17	3°59	5°30	2°39	n.a.	S 3
M 4	6 6 22	3° 1'49	16°57	20°53	16°52	6°46	14° 6	11° 7	8°51	4°20	14°18	4° 1	5°27	2°45	n.a.	M 4
T 5	6 10 19	4° 2'28	0♎16	20° 7	17°48	7°32	14°13	11°14	8°51	4°19	14°19	4°R 2	5°24	2°52	n.a.	T 5
W 6	6 14 15	5° 3'06	13°12	19°29	18°44	8°17	14°20	11°20	8°50	4°18	14°19	4° 2	5°21	2°59	n.a.	W 6
T 7	6 18 12	6° 3'43	25°49	18°58	19°41	9° 3	14°26	11°27	8°50	4°16	14°20	4° 0	5°18	3° 5	n.a.	T 7
F 8	6 22 8	7° 4'18	8♏10	18°35	20°38	9°48	14°32	11°34	8°49	4°15	14°21	3°57	5°14	3°12	n.a.	F 8
S 9	6 26 5	8° 4'52	20°18	18°20	21°36	10°34	14°38	11°40	8°48	4°13	14°22	3°53	5°11	3°19	n.a.	S 9
S 10	6 30 1	9° 5'25	2♐18	18°12	22°34	11°19	14°44	11°47	8°47	4°12	14°22	3°49	5° 8	3°25	n.a.	S 10
M11	6 33 58	10° 5'55	14°11	18°D12	23°33	12° 4	14°50	11°54	8°46	4°11	14°23	3°45	5° 5	3°32	n.a.	M11
T 12	6 37 54	11° 6'24	26° 1	18°19	24°32	12°50	14°56	12° 0	8°45	4° 9	14°24	3°41	5° 2	3°39	n.a.	T 12
W13	6 41 51	12° 6'52	7♉49	18°31	25°31	13°35	15° 1	12° 7	8°44	4° 8	14°24	3°38	4°58	3°45	n.a.	W13
T 14	6 45 48	13° 7'17	19°38	18°50	26°31	14°20	15° 7	12°13	8°43	4° 7	14°25	3°36	4°55	3°52	n.a.	T 14
F 15	6 49 44	14° 7'41	1♒29	19°14	27°31	15° 5	15°12	12°19	8°42	4° 6	14°25	3°D35	4°52	3°59	n.a.	F 15
S 16	6 53 41	15° 8'03	13°25	19°44	28°32	15°50	15°17	12°26	8°41	4° 4	14°26	3°35	4°49	4° 5	n.a.	S 16
S 17	6 57 37	16° 8'22	25°28	20°18	29°33	16°35	15°22	12°32	8°40	4° 3	14°26	3°36	4°46	4°12	n.a.	S 17
M18	7 1 34	17° 8'40	7♓42	20°57	0♐34	17°20	15°26	12°38	8°39	4° 2	14°26	3°38	4°43	4°19	n.a.	M18
T 19	7 5 30	18° 8'55	20° 8	21°39	1°36	18° 5	15°31	12°45	8°38	4° 1	14°27	3°39	4°39	4°25	n.a.	T 19
W20	7 9 27	19° 9'08	2♈51	22°26	2°38	18°50	15°35	12°51	8°36	4° 0	14°27	3°40	4°36	4°32	n.a.	W20
T 21	7 13 23	20° 9'19	15°54	23°16	3°40	19°35	15°39	12°57	8°35	3°59	14°27	3°R41	4°33	4°39	n.a.	T 21
F 22	7 17 20	21° 9'28	29°20	24° 9	4°43	20°20	15°43	13° 3	8°33	3°58	14°27	3°41	4°30	4°45	n.a.	F 22
S 23	7 21 17	22° 9'34	13♉12	25° 5	5°46	21° 5	15°47	13° 9	8°32	3°57	14°28	3°40	4°27	4°52	n.a.	S 23
S 24	7 25 13	23° 9'38	27°28	26° 4	6°49	21°49	15°51	13°15	8°30	3°56	14°28	3°39	4°24	4°59	n.a.	S 24
M25	7 29 10	24° 9'40	12♊ 7	27° 6	7°52	22°34	15°54	13°21	8°29	3°55	14°28	3°38	4°20	5° 5	n.a.	M25
T 26	7 33 6	25° 9'40	27° 4	28°10	8°56	23°19	15°57	13°27	8°27	3°54	14°28	3°37	4°17	5°12	n.a.	T 26
W27	7 37 3	26° 9'37	12♋12	29°16	10° 0	24° 3	16° 0	13°33	8°26	3°53	14°28	3°36	4°14	5°19	n.a.	W27
T 28	7 40 59	27° 9'32	27°21	0♉25	11° 4	24°48	16° 3	13°39	8°24	3°52	14°R28	3°D36	4°11	5°25	n.a.	T 28
F 29	7 44 56	28° 9'25	12♌23	1°36	12° 8	25°32	16° 6	13°45	8°22	3°51	14°28	3°36	4° 8	5°32	n.a.	F 29
S 30	7 48 52	29° 9'16	27° 8	2°48	13°13	26°17	16° 9	13°50	8°21	3°50	14°28	3°36	4° 4	5°39	n.a.	S 30
S 31	7 52 49	0♒ 9'05	11♍31	4♉ 3	14♐18	27♒ 1	16♎11	13♐56	8♍19	3♊50	14♎28	3♌36	4♌ 1	5♉45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s50	19n31	0n 3	19s58	3n44	12s25	4n 7	20s29	1s 4	4s19	1n18	21s46	0n40	9n 7	0n48	20n17	1s 6	7n19	14n 9	19n35	19n11	21s 0		n.a.
S 2	23 50	16 39	1 22	19 54	3 45	12 43	4 5	20 17	1 3	4 22	1 18	21 47	0 40	9 7	0 48	20 17	1 6	7 19	14 10	19 35	19 12	21 0		n.a.
S 3	23 49	12 52	2 33	19 51	3 44	13 0	4 3	20 5	1 3	4 24	1 19	21 48	0 40	9 7	0 48	20 17	1 6	7 19	14 10	19 35	19 13	21 1		n.a.
M 4	23 48	8 30	3 34	19 50	3 41	13 18	4 1	19 53	1 2	4 27	1 19	21 49	0 40	9 7	0 48	20 17	1 6	7 19	14 11	19 34	19 13	21 1		n.a.
T 5	23 46	3 52	4 21	19 52	3 37	13 36	3 59	19 41	1 1	4 29	1 19	21 50	0 40	9 8	0 48	20 17	1 6	7 19	14 11	19 34	19 14	21 2		n.a.
W 6	23 44	0s48	4 53	19 55	3 31	13 54	3 57	19 28	1 1	4 32	1 19	21 51	0 40	9 8	0 48	20 16	1 6	7 19	14 11	19 34	19 15	21 3		n.a.
T 7	23 42	5 19	5 11	20 0	3 23	14 11	3 54	19 16	1 0	4 34	1 19	21 52	0 40	9 8	0 48	20 16	1 6	7 19	14 12	19 35	19 16	21 3		n.a.
F 8	23 39	9 32	5 13	20 6	3 15	14 29	3 52	19 3	1 0	4 36	1 19	21 53	0 40	9 8	0 48	20 16	1 6	7 19	14 12	19 35	19 16	21 4		n.a.
S 9	23 35	13 17	5 1	20 14	3 5	14 47	3 49	18 50	0 59	4 39	1 20	21 54	0 40	9 9	0 48	20 16	1 6	7 19	14 13	19 36	19 17	21 4		n.a.
S 10	23 31	16 27	4 36	20 24	2 55	15 4	3 46	18 37	0 59	4 41	1 20	21 55	0 40	9 9	0 48	20 15	1 6	7 19	14 13	19 37	19 18	21 5		n.a.
M11	23 27	18 55	3 59	20 34	2 44	15 22	3 43	18 23	0 58	4 43	1 20	21 56	0 40	9 9	0 48	20 15	1 6	7 19	14 14	19 38	19 19	21 6		n.a.
T 12	23 22	20 34	3 13	20 46	2 33	15 39	3 40	18 10	0 58	4 45	1 20	21 57	0 40	9 10	0 48	20 15	1 6	7 20	14 14	19 39	19 20	21 6		n.a.
W13	23 17	21 19	2 17	20 58	2 22	15 57	3 37	17 56	0 57	4 47	1 20	21 58	0 40	9 10	0 48	20 15	1 6	7 20	14 14	19 40	19 20	21 7		n.a.
T 14	23 11	21 7	1 16	21 11	2 11	16 14	3 34	17 42	0 56	4 49	1 21	21 59	0 40	9 11	0 48	20 15	1 6	7 20	14 15	19 40	19 21	21 7		n.a.
F 15	23 4	19 58	0 12	21 25	1 59	16 31	3 31	17 28	0 56	4 51	1 21	22 0	0 40	9 11	0 48	20 14	1 6	7 20	14 15	19 41	19 22	21 8		n.a.
S 16	22 58	17 56	0s54	21 39	1 47	16 48	3 27	17 14	0 55	4 52	1 21	22 1	0 40	9 12	0 48	20 14	1 6	7 20	14 16	19 40	19 23	21 8		n.a.
S 17	22 51	15 6	1 58	21 53	1 36	17 5	3 24	17 0	0 55	4 54	1 21	22 1	0 39	9 12	0 48	20 14	1 6	7 21	14 16	19 40	19 23	21 9		n.a.
M18	22 43	11 34	2 58	22 7	1 24	17 21	3 20	16 45	0 54	4 56	1 21	22 2	0 39	9 13	0 49	20 14	1 6	7 21	14 16	19 40	19 24	21 10		n.a.
T 19	22 35	7 29	3 50	22 21	1 13	17 37	3 16	16 31	0 53	4 57	1 22	22 3	0 39	9 13	0 49	20 14	1 6	7 21	14 17	19 40	19 25	21 10		n.a.
W20	22 27	3 0	4 33	22 35	1 2	17 53	3 13	16 16	0 53	4 59	1 22	22 4	0 39	9 14	0 49	20 13	1 6	7 21	14 17	19 39	19 26	21 11		n.a.
T 21	22 18	1n43	5 2	22 49	0 51	18 9	3 9	16 1	0 52	5 0	1 22	22 5	0 39	9 14	0 49	20 13	1 6	7 22	14 18	19 39	19 27	21 11		n.a.
F 22	22 9	6 30	5 16	23 2	0 40	18 24	3 5	15 46	0 52	5 2	1 22	22 6	0 39	9 15	0 49	20 13	1 6	7 22	14 18	19 39	19 27	21 12		n.a.
S 23	21 59	11 5	5 13	23 15	0 30	18 39	3 1	15 31	0 51	5 3	1 22	22 6	0 39	9 15	0 49	20 13	1 6	7 22	14 19	19 39	19 28	21 12		n.a.
S 24	21 49	15 12	4 50	23 27	0 19	18 54	2 57	15 16	0 51	5 4	1 22	22 7	0 39	9 16	0 49	20 13	1 6	7 23	14 19	19 40	19 29	21 13		n.a.
M25	21 38	18 31	4 9	23 39	0 9	19 8	2 53	15 0	0 50	5 5	1 23	22 8	0 39	9 17	0 49	20 13	1 6	7 23	14 19	19 40	19 30	21 13		n.a.
T 26	21 27	20 39	3 9	23 50	0s 0	19 22	2 49	14 45	0 49	5 6	1 23	22 9	0 39	9 17	0 49	20 13	1 6	7 23	14 20	19 40	19 30	21 14		n.a.
W27	21 16	21 20	1 56	24 0	0 10	19 36	2 45	14 29	0 49	5 7	1 23	22 10	0 39	9 18	0 49	20 12	1 5	7 24	14 20	19 40	19 31	21 14		n.a.
T 28	21 4	20 28	0 35	24 9	0 19	19 49	2 41	14 14	0 48	5 8	1 23	22 10	0 39	9 19	0 49	20 12	1 5	7 24	14 21	19 40	19 32	21 15		n.a.
F 29	20 52	18 9	0n49	24 17	0 28	20 2	2 37	13 58	0 48	5 9	1 23	22 11	0 39	9 19	0 49	20 12	1 5	7 24	14 21	19 40	19 33	21 15		n.a.
S 30	20 40	14 39	2 7	24 25	0 36	20 15	2 32	13 42	0 47	5 10	1 24	22 12	0 39	9 20	0 49	20 12	1 5	7 25	14 21	19 40	19 33	21 16		n.a.
S 31	20s27	10n22	3n16	24s31	0s44	20s27	2n28	13s26	0s46	5s11	1n24	22s12	0n39	9n21	0n49	20n12	1s 5	7n25	14n22	19n40	19n34	21s16		n.a.

Julian Day Number = 1275452.5, Delta T = 08h13m09s
Ecliptic obliquity = 23°50'17, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'40, Lahiri = -20°48'40 Julian Calendar 1 Jan. 1221 BCE == Greg. Calendar 21 Dec. 1222 BCE

The year -1220 astronomical counting style corresponds to year 1221 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1221 BCE
geocentric

FEBRUARY 1221 BCE (-1220) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 56 46	1♒ 8'52	25♍28	5♉19	15♐23	27♒46	16♎13	14♐ 2	8°R17	3°R49	14°R28	3♌37	3♌58	5♉52	n.a.	M 1
T 2	8 0 42	2° 8'38	8♎57	6°37	16°28	28°30	16°15	14° 7	8♍15	3♊48	14♎28	3°37	3°55	5°59	n.a.	T 2
W 3	8 4 39	3° 8'21	22° 1	7°57	17°34	29°14	16°17	14°13	8°13	3°47	14°27	3°37	3°52	6° 5	n.a.	W 3
T 4	8 8 35	4° 8'02	4♏41	9°18	18°39	29°59	16°19	14°18	8°11	3°47	14°27	3°37	3°49	6°12	n.a.	T 4
F 5	8 12 32	5° 7'42	17° 3	10°41	19°45	0♓43	16°20	14°23	8° 9	3°46	14°27	3°37	3°45	6°19	n.a.	F 5
S 6	8 16 28	6° 7'20	29° 9	12° 5	20°51	1°27	16°21	14°29	8° 7	3°45	14°27	3°37	3°42	6°25	n.a.	S 6
S 7	8 20 25	7° 6'56	11♐ 5	13°31	21°57	2°11	16°23	14°34	8° 5	3°45	14°26	3°38	3°39	6°32	n.a.	S 7
M 8	8 24 21	8° 6'30	22°55	14°58	23° 4	2°55	16°23	14°39	8° 3	3°44	14°26	3°38	3°36	6°39	n.a.	M 8
T 9	8 28 18	9° 6'01	4♉42	16°27	24°10	3°39	16°24	14°44	8° 1	3°44	14°26	3°39	3°33	6°45	n.a.	T 9
W10	8 32 14	10° 5'31	16°31	17°57	25°17	4°23	16°25	14°49	7°59	3°43	14°25	3°39	3°30	6°52	n.a.	W10
T 11	8 36 11	11° 4'59	28°23	19°28	26°24	5° 7	16°25	14°54	7°57	3°43	14°25	3°R39	3°26	6°59	n.a.	T 11
F 12	8 40 8	12° 4'25	10♒21	21° 1	27°31	5°51	16°R25	14°59	7°54	3°42	14°24	3°39	3°23	7° 5	n.a.	F 12
S 13	8 44 4	13° 3'48	22°28	22°35	28°38	6°35	16°25	15° 4	7°52	3°42	14°24	3°39	3°20	7°12	n.a.	S 13
S 14	8 48 1	14° 3'10	4♓44	24°10	29°45	7°19	16°25	15° 9	7°50	3°42	14°23	3°38	3°17	7°19	n.a.	S 14
M15	8 51 57	15° 2'28	17°12	25°47	0♉53	8° 2	16°24	15°13	7°48	3°41	14°23	3°36	3°14	7°25	n.a.	M15
T 16	8 55 54	16° 1'45	29°53	27°25	2° 0	8°46	16°24	15°18	7°45	3°41	14°22	3°35	3°10	7°32	n.a.	T 16
W17	8 59 50	17° 0'59	12♈48	29° 4	3° 8	9°30	16°23	15°22	7°43	3°41	14°21	3°33	3° 7	7°39	n.a.	W17
T 18	9 3 47	18° 0'11	25°58	0♒45	4°15	10°13	16°22	15°27	7°41	3°40	14°21	3°32	3° 4	7°45	n.a.	T 18
F 19	9 7 43	18°59'20	9♉25	2°27	5°23	10°57	16°21	15°31	7°38	3°40	14°20	3°31	3° 1	7°52	n.a.	F 19
S 20	9 11 40	19°58'27	23°10	4°10	6°31	11°40	16°19	15°36	7°36	3°40	14°19	3°D30	2°58	7°59	n.a.	S 20
S 21	9 15 36	20°57'31	7♊13	5°55	7°39	12°24	16°18	15°40	7°33	3°40	14°18	3°31	2°55	8° 5	n.a.	S 21
M22	9 19 33	21°56'33	21°33	7°41	8°47	13° 7	16°16	15°44	7°31	3°40	14°18	3°32	2°51	8°12	n.a.	M22
T 23	9 23 30	22°55'33	6♋ 8	9°29	9°56	13°51	16°14	15°48	7°29	3°40	14°17	3°33	2°48	8°19	n.a.	T 23
W24	9 27 26	23°54'30	20°53	11°18	11° 4	14°34	16°12	15°52	7°26	3°D40	14°16	3°34	2°45	8°25	n.a.	W24
T 25	9 31 23	24°53'25	5♌42	13° 8	12°13	15°17	16°10	15°56	7°24	3°40	14°15	3°R35	2°42	8°32	n.a.	T 25
F 26	9 35 19	25°52'17	20°29	15° 0	13°21	16° 0	16° 7	16° 0	7°21	3°40	14°14	3°34	2°39	8°39	n.a.	F 26
S 27	9 39 16	26°51'07	5♍ 6	16°54	14°30	16°43	16° 5	16° 4	7°19	3°40	14°13	3°32	2°36	8°45	n.a.	S 27
S 28	9 43 12	27°49'55	19°27	18°48	15°39	17°27	16° 2	16° 8	7°16	3°40	14°12	3°29	2°32	8°52	n.a.	S 28
M29	9 47 9	28♒48'41	3♎26	20♒44	16♉47	18♓10	15♎59	16♐11	7♍14	3♊40	14♎11	3♌26	2♌29	8♉58	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	20s14	5n39	4n10	24s36	0s52	20s38	2n24	13s10	0s46	5s12	1n24	22s13	0n39	9n21	0n49	20n12	1s 5	7n26	14n22	19n40	19n35	21s17		n.a.	M 1
T 2	20 1	0 49	4 49	24 40	1 0	20 50	2 19	12 54	0 45	5 12	1 24	22 14	0 39	9 22	0 49	20 12	1 5	7 26	14 23	19 40	19 36	21 17		n.a.	T 2
W 3	19 47	3s54	5 12	24 43	1 7	21 0	2 15	12 37	0 44	5 13	1 24	22 15	0 39	9 23	0 49	20 12	1 5	7 26	14 23	19 40	19 37	21 18		n.a.	W 3
T 4	19 33	8 19	5 18	24 44	1 14	21 11	2 11	12 21	0 44	5 13	1 25	22 15	0 39	9 24	0 49	20 12	1 5	7 27	14 24	19 40	19 37	21 18		n.a.	T 4
F 5	19 18	12 16	5 9	24 44	1 20	21 20	2 6	12 4	0 43	5 13	1 25	22 16	0 39	9 24	0 49	20 11	1 5	7 27	14 24	19 40	19 38	21 19		n.a.	F 5
S 6	19 3	15 38	4 47	24 43	1 26	21 30	2 2	11 48	0 43	5 14	1 25	22 17	0 39	9 25	0 49	20 11	1 5	7 28	14 24	19 40	19 39	21 19		n.a.	S 6
S 7	18 48	18 19	4 13	24 40	1 32	21 38	1 57	11 31	0 42	5 14	1 25	22 17	0 39	9 26	0 49	20 11	1 5	7 28	14 25	19 40	19 40	21 20		n.a.	S 7
M 8	18 33	20 11	3 28	24 36	1 38	21 47	1 53	11 15	0 41	5 14	1 25	22 18	0 39	9 27	0 49	20 11	1 5	7 29	14 25	19 40	19 40	21 20		n.a.	M 8
T 9	18 17	21 11	2 34	24 30	1 43	21 54	1 48	10 58	0 41	5 14	1 26	22 18	0 39	9 28	0 49	20 11	1 5	7 29	14 26	19 40	19 41	21 20		n.a.	T 9
W10	18 1	21 15	1 34	24 23	1 47	22 1	1 44	10 41	0 40	5 14	1 26	22 19	0 39	9 28	0 49	20 11	1 5	7 30	14 26	19 40	19 42	21 21		n.a.	W10
T 11	17 44	20 21	0 29	24 14	1 51	22 8	1 39	10 24	0 39	5 14	1 26	22 20	0 39	9 29	0 49	20 11	1 5	7 30	14 26	19 39	19 43	21 21		n.a.	T 11
F 12	17 27	18 32	0s37	24 4	1 55	22 14	1 35	10 7	0 39	5 14	1 26	22 20	0 39	9 30	0 49	20 11	1 5	7 31	14 27	19 39	19 43	21 22		n.a.	F 12
S 13	17 10	15 52	1 43	23 52	1 59	22 19	1 30	9 50	0 38	5 14	1 26	22 21	0 39	9 31	0 49	20 11	1 5	7 31	14 27	19 40	19 44	21 22		n.a.	S 13
S 14	16 53	12 28	2 44	23 38	2 2	22 24	1 26	9 33	0 38	5 14	1 27	22 21	0 39	9 32	0 49	20 11	1 5	7 32	14 27	19 40	19 45	21 23		n.a.	S 14
M15	16 36	8 29	3 39	23 22	2 4	22 29	1 22	9 16	0 37	5 13	1 27	22 22	0 39	9 33	0 49	20 11	1 5	7 33	14 28	19 40	19 46	21 23		n.a.	M15
T 16	16 18	4 4	4 24	23 5	2 6	22 32	1 17	8 59	0 36	5 13	1 27	22 22	0 39	9 34	0 49	20 11	1 5	7 33	14 28	19 41	19 46	21 24		n.a.	T 16
W17	16 0	0n36	4 56	22 46	2 8	22 35	1 13	8 41	0 36	5 12	1 27	22 23	0 39	9 35	0 49	20 11	1 5	7 34	14 28	19 41	19 47	21 24		n.a.	W17
T 18	15 41	5 20	5 14	22 25	2 9	22 38	1 8	8 24	0 35	5 12	1 27	22 23	0 38	9 35	0 49	20 11	1 4	7 34	14 29	19 41	19 48	21 24		n.a.	T 18
F 19	15 23	9 54	5 15	22 3	2 10	22 40	1 4	8 7	0 34	5 11	1 28	22 24	0 38	9 36	0 49	20 11	1 4	7 35	14 29	19 42	19 49	21 25		n.a.	F 19
S 20	15 4	14 4	4 58	21 38	2 10	22 41	1 0	7 49	0 34	5 11	1 28	22 24	0 38	9 37	0 49	20 11	1 4	7 36	14 30	19 42	19 49	21 25		n.a.	S 20
S 21	14 45	17 33	4 24	21 12	2 10	22 42	0 55	7 32	0 33	5 10	1 28	22 25	0 38	9 38	0 49	20 11	1 4	7 36	14 30	19 41	19 50	21 26		n.a.	S 21
M22	14 26	20 2	3 32	20 44	2 9	22 42	0 51	7 14	0 33	5 9	1 28	22 25	0 38	9 39	0 49	20 11	1 4	7 37	14 30	19 41	19 51	21 26		n.a.	M22
T 23	14 6	21 16	2 26	20 14	2 8	22 41	0 47	6 57	0 32	5 8	1 28	22 26	0 38	9 40	0 49	20 11	1 4	7 37	14 31	19 41	19 52	21 26		n.a.	T 23
W24	13 46	21 2	1 10	19 42	2 6	22 40	0 42	6 39	0 31	5 7	1 28	22 26	0 38	9 41	0 49	20 11	1 4	7 38	14 31	19 41	19 52	21 27		n.a.	W24
T 25	13 26	19 21	0n12	19 8	2 4	22 38	0 38	6 22	0 31	5 6	1 29	22 27	0 38	9 42	0 49	20 11	1 4	7 39	14 31	19 41	19 53	21 27		n.a.	T 25
F 26	13 6	16 21	1 32	18 32	2 1	22 36	0 34	6 4	0 30	5 5	1 29	22 27	0 38	9 43	0 49	20 11	1 4	7 39	14 32	19 41	19 54	21 27		n.a.	F 26
S 27	12 46	12 21	2 45	17 54	1 58	22 32	0 30	5 47	0 29	5 4	1 29	22 28	0 38	9 44	0 49	20 11	1 4	7 40	14 32	19 41	19 54	21 28		n.a.	S 27
S 28	12 26	7 42	3 46	17 14	1 54	22 29	0 26	5 29	0 29	5 3	1 29	22 28	0 38	9 45	0 49	20 11	1 4	7 41	14 32	19 42	19 55	21 28		n.a.	S 28
M29	12s 5	2n46	4n32	16s33	1s50	22s24	0n22	5s11	0s28	5s 1	1n29	22s28	0n38	9n46	0n49	20n11	1s 4	7n41	14n32	19n43	19n56	21s29		n.a.	M29

Julian Day Number = 1275483.5, Delta T = 08h13m07s
Ecliptic obliquity = 23°50'18, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'36, Lahiri = -20°48'35 Julian Calendar 1 Feb. 1221 BCE == Greg. Calendar 21 Jan. 1221 BCE

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ASTRODIENST EPHEMERIS for the year 1221 BCE
geocentric

MARCH 1221 BCE (-1220) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 51 5	29♒47'25	17♎ 1	22♒42	17♉56	18♓53	15°R56	16♐15	7°R11	3♊40	14°R10	3°R22	2♌26	9♉ 5	n.a.	T 1
W 2	9 55 2	0♓46'07	0♏10	24°41	19° 5	19°36	15♎52	16°18	7♍ 9	3°41	14♎ 9	3♌18	2°23	9°12	n.a.	W 2
T 3	9 58 58	1°44'47	12°56	26°41	20°14	20°19	15°49	16°22	7° 6	3°41	14° 8	3°16	2°20	9°18	n.a.	T 3
F 4	10 2 55	2°43'26	25°21	28°43	21°24	21° 1	15°45	16°25	7° 3	3°41	14° 7	3°14	2°16	9°25	n.a.	F 4
S 5	10 6 52	3°42'03	7♐29	0♓45	22°33	21°44	15°41	16°28	7° 1	3°41	14° 6	3°D14	2°13	9°32	n.a.	S 5
S 6	10 10 48	4°40'38	19°25	2°49	23°42	22°27	15°37	16°31	6°58	3°42	14° 5	3°15	2°10	9°38	n.a.	S 6
M 7	10 14 45	5°39'11	1♉15	4°54	24°52	23°10	15°33	16°34	6°56	3°42	14° 3	3°16	2° 7	9°45	n.a.	M 7
T 8	10 18 41	6°37'42	13° 3	7° 0	26° 1	23°52	15°29	16°37	6°53	3°42	14° 2	3°18	2° 4	9°52	n.a.	T 8
W 9	10 22 38	7°36'11	24°53	9° 6	27°11	24°35	15°24	16°40	6°51	3°43	14° 1	3°20	2° 1	9°58	n.a.	W 9
T 10	10 26 34	8°34'39	6♒50	11°13	28°20	25°18	15°20	16°43	6°48	3°43	14° 0	3°R20	1°57	10° 5	n.a.	T 10
F 11	10 30 31	9°33'05	18°57	13°20	29°30	26° 0	15°15	16°45	6°45	3°44	13°58	3°19	1°54	10°12	n.a.	F 11
S 12	10 34 27	10°31'28	1♓16	15°27	0♒40	26°43	15°10	16°48	6°43	3°44	13°57	3°16	1°51	10°18	n.a.	S 12
S 13	10 38 24	11°29'50	13°49	17°34	1°50	27°25	15° 5	16°51	6°40	3°45	13°56	3°11	1°48	10°25	n.a.	S 13
M14	10 42 21	12°28'10	26°36	19°41	3° 0	28° 8	15° 0	16°53	6°38	3°46	13°54	3° 5	1°45	10°32	n.a.	M14
T 15	10 46 17	13°26'28	9♈38	21°47	4° 9	28°50	14°54	16°55	6°35	3°46	13°53	2°58	1°41	10°38	n.a.	T 15
W16	10 50 14	14°24'43	22°54	23°51	5°19	29°32	14°49	16°57	6°33	3°47	13°52	2°51	1°38	10°45	n.a.	W16
T 17	10 54 10	15°22'57	6♉22	25°54	6°30	0♈14	14°43	17° 0	6°30	3°48	13°50	2°45	1°35	10°52	n.a.	T 17
F 18	10 58 7	16°21'09	20° 2	27°56	7°40	0°57	14°37	17° 2	6°28	3°48	13°49	2°41	1°32	10°58	n.a.	F 18
S 19	11 2 3	17°19'18	3♊52	29°55	8°50	1°39	14°31	17° 4	6°25	3°49	13°48	2°38	1°29	11° 5	n.a.	S 19
S 20	11 6 0	18°17'25	17°52	1♈52	10° 0	2°21	14°25	17° 5	6°23	3°50	13°46	2°D37	1°26	11°12	n.a.	S 20
M21	11 9 56	19°15'31	2♋ 0	3°46	11°10	3° 3	14°19	17° 7	6°20	3°51	13°45	2°38	1°22	11°18	n.a.	M21
T 22	11 13 53	20°13'34	16°16	5°38	12°21	3°45	14°13	17° 9	6°18	3°52	13°43	2°39	1°19	11°25	n.a.	T 22
W23	11 17 49	21°11'35	0♌37	7°26	13°31	4°27	14° 6	17°10	6°15	3°52	13°42	2°R39	1°16	11°32	n.a.	W23
T 24	11 21 46	22° 9'34	15° 1	9°11	14°41	5° 9	14° 0	17°12	6°13	3°53	13°40	2°39	1°13	11°38	n.a.	T 24
F 25	11 25 43	23° 7'30	29°23	10°53	15°52	5°51	13°53	17°13	6°10	3°54	13°39	2°36	1°10	11°45	n.a.	F 25
S 26	11 29 39	24° 5'25	13♍38	12°31	17° 2	6°33	13°47	17°14	6° 8	3°55	13°37	2°31	1° 7	11°52	n.a.	S 26
S 27	11 33 36	25° 3'19	27°43	14° 5	18°13	7°14	13°40	17°16	6° 5	3°56	13°36	2°24	1° 3	11°58	n.a.	S 27
M28	11 37 32	26° 1'10	11♎31	15°36	19°23	7°56	13°33	17°17	6° 3	3°57	13°34	2°16	1° 0	12° 5	n.a.	M28
T 29	11 41 29	26°59'00	24°59	17° 3	20°34	8°38	13°26	17°18	6° 1	3°58	13°32	2° 7	0°57	12°11	n.a.	T 29
W30	11 45 25	27°56'48	8♏ 6	18°26	21°45	9°20	13°19	17°19	5°58	4° 0	13°31	1°58	0°54	12°18	n.a.	W30
T 31	11 49 22	28♓54'35	20♏52	19♈44	22♒55	10♈ 1	13♎12	17♐19	5♍56	4♊ 1	13♎29	1♌51	0♌51	12♉25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s44	2s 9	5n 2	15s49	1s45	22s19	0n18	4s54	0s28	5s 0	1n29	22s29	0n38	9n47	0n49	20n12	1s 4	7n42	14n33	19n44	19n57	21s29		n.a.
W 2	11 23	6 50	5 14	15 4	1 39	22 14	0 14	4 36	0 27	4 58	1 30	22 29	0 38	9 48	0 49	20 12	1 4	7 43	14 33	19 45	19 57	21 29		n.a.
T 3	11 2	11 4	5 10	14 17	1 33	22 8	0 10	4 18	0 26	4 57	1 30	22 30	0 38	9 49	0 49	20 12	1 4	7 43	14 33	19 45	19 58	21 30		n.a.
F 4	10 40	14 42	4 51	13 28	1 26	22 1	0 6	4 0	0 26	4 55	1 30	22 30	0 38	9 50	0 49	20 12	1 4	7 44	14 34	19 45	19 59	21 30		n.a.
S 5	10 19	17 39	4 20	12 37	1 19	21 53	0 2	3 43	0 25	4 54	1 30	22 30	0 38	9 51	0 49	20 12	1 4	7 45	14 34	19 46	20 0	21 30		n.a.
S 6	9 57	19 47	3 38	11 45	1 11	21 45	0s 2	3 25	0 24	4 52	1 30	22 31	0 38	9 52	0 49	20 12	1 4	7 45	14 34	19 45	20 0	21 31		n.a.
M 7	9 35	21 3	2 47	10 51	1 3	21 36	0 6	3 7	0 24	4 50	1 30	22 31	0 38	9 53	0 49	20 12	1 4	7 46	14 34	19 45	20 1	21 31		n.a.
T 8	9 14	21 23	1 49	9 56	0 55	21 27	0 9	2 50	0 23	4 48	1 30	22 31	0 38	9 54	0 49	20 12	1 4	7 47	14 35	19 45	20 2	21 31		n.a.
W 9	8 51	20 45	0 46	8 59	0 45	21 17	0 13	2 32	0 23	4 47	1 31	22 32	0 38	9 55	0 49	20 12	1 4	7 47	14 35	19 44	20 3	21 32		n.a.
T 10	8 29	19 11	0s19	8 2	0 36	21 7	0 17	2 14	0 22	4 45	1 31	22 32	0 38	9 55	0 49	20 13	1 3	7 48	14 35	19 44	20 3	21 32		n.a.
F 11	8 7	16 44	1 24	7 3	0 26	20 55	0 20	1 56	0 21	4 43	1 31	22 32	0 38	9 56	0 49	20 13	1 3	7 49	14 35	19 44	20 4	21 32		n.a.
S 12	7 45	13 29	2 26	6 4	0 15	20 44	0 24	1 39	0 21	4 41	1 31	22 32	0 38	9 57	0 49	20 13	1 3	7 49	14 36	19 45	20 5	21 33		n.a.
S 13	7 22	9 34	3 23	5 4	0 5	20 31	0 27	1 21	0 20	4 38	1 31	22 33	0 38	9 58	0 49	20 13	1 3	7 50	14 36	19 46	20 5	21 33		n.a.
M14	7 0	5 11	4 10	4 3	0n 6	20 18	0 30	1 3	0 19	4 36	1 31	22 33	0 38	9 59	0 49	20 13	1 3	7 51	14 36	19 48	20 6	21 33		n.a.
T 15	6 37	0 28	4 44	3 3	0 17	20 5	0 34	0 45	0 19	4 34	1 31	22 33	0 38	10 0	0 49	20 13	1 3	7 52	14 36	19 49	20 7	21 33		n.a.
W16	6 14	4n20	5 5	2 3	0 28	19 51	0 37	0 28	0 18	4 32	1 31	22 33	0 38	10 1	0 49	20 13	1 3	7 52	14 36	19 51	20 8	21 34		n.a.
T 17	5 51	9 1	5 9	1 3	0 39	19 36	0 40	0 10	0 17	4 30	1 31	22 34	0 38	10 2	0 49	20 14	1 3	7 53	14 36	19 52	20 8	21 34		n.a.
F 18	5 28	13 18	4 56	0 4	0 51	19 21	0 43	0n 7	0 17	4 27	1 31	22 34	0 38	10 3	0 49	20 14	1 3	7 54	14 37	19 53	20 9	21 34		n.a.
S 19	5 5	16 56	4 25	0n54	1 1	19 6	0 46	0 25	0 16	4 25	1 32	22 34	0 38	10 4	0 49	20 14	1 3	7 54	14 37	19 54	20 10	21 35		n.a.
S 20	4 42	19 39	3 38	1 51	1 12	18 49	0 49	0 43	0 16	4 22	1 32	22 34	0 38	10 5	0 49	20 14	1 3	7 55	14 37	19 54	20 10	21 35		n.a.
M21	4 19	21 11	2 38	2 47	1 23	18 33	0 52	1 0	0 15	4 20	1 32	22 34	0 38	10 6	0 49	20 14	1 3	7 56	14 37	19 54	20 11	21 35		n.a.
T 22	3 56	21 23	1 27	3 41	1 33	18 15	0 55	1 18	0 14	4 17	1 32	22 35	0 38	10 7	0 49	20 15	1 3	7 56	14 37	19 54	20 12	21 35		n.a.
W23	3 33	20 10	0 11	4 34	1 42	17 58	0 57	1 35	0 14	4 15	1 32	22 35	0 38	10 8	0 49	20 15	1 3	7 57	14 37	19 54	20 13	21 36		n.a.
T 24	3 10	17 39	1n 6	5 24	1 51	17 39	1 0	1 53	0 13	4 12	1 32	22 35	0 38	10 9	0 49	20 15	1 3	7 58	14 38	19 54	20 13	21 36		n.a.
F 25	2 46	14 3	2 19	6 13	2 0	17 21	1 3	2 10	0 12	4 10	1 32	22 35	0 38	10 10	0 49	20 15	1 3	7 59	14 38	19 54	20 14	21 36		n.a.
S 26	2 23	9 38	3 22	6 59	2 8	17 1	1 5	2 28	0 12	4 7	1 32	22 35	0 38	10 10	0 49	20 16	1 3	7 59	14 38	19 55	20 15	21 36		n.a.
S 27	2 0	4 46	4 12	7 43	2 15	16 42	1 8	2 45	0 11	4 4	1 32	22 35	0 38	10 11	0 49	20 16	1 3	8 0	14 38	19 57	20 15	21 37		n.a.
M28	1 36	0s15	4 46	8 25	2 22	16 21	1 10	3 2	0 11	4 1	1 32	22 36	0 38	10 12	0 49	20 16	1 3	8 1	14 38	19 59	20 16	21 37		n.a.
T 29	1 13	5 8	5 4	9 4	2 28	16 1	1 12	3 19	0 10	3 59	1 32	22 36	0 38	10 13	0 49	20 16	1 3	8 1	14 38	20 1	20 17	21 37		n.a.
W30	0 50	9 39	5 4	9 41	2 33	15 40	1 14	3 37	0 9	3 56	1 32	22 36	0 38	10 14	0 49	20 16	1 3	8 2	14 38	20 3	20 18	21 37		n.a.
T 31	0s26	13s37	4n49	10n16	2n37	15s18	1s17	3n54	0s 9	3s53	1n32	22s36	0n38	10n15	0n49	20n17	1s 3	8n 3	14n38	20n 5	20n18	21s37		n.a.

Julian Day Number = 1275512.5, Delta T = 08h13m05s
Ecliptic obliquity = 23°50'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'32, Lahiri = -20°48'32 Julian Calendar 1 March 1221 BCE == Greg. Calendar 19 Feb. 1221 BCE

The year -1220 astronomical counting style corresponds to year 1221 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1221 BCE
geocentric

APRIL 1221 BCE (-1220) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 53 18	29♓52'21	3♐18	20♈59	24♒ 6	10♈43	13°R 5	17♐20	5°R54	4♊ 2	13°R28	1°R45	0♌47	12♉31	n.a.	F 1
S 2	11 57 15	0♈50'05	15°27	22° 9	25°17	11°24	12♎57	17°21	5♍52	4° 3	13♎26	1♌42	0°44	12°38	n.a.	S 2
S 3	12 1 12	1°47'48	27°24	23°16	26°28	12° 6	12°50	17°21	5°49	4° 4	13°25	1°D40	0°41	12°45	n.a.	S 3
M 4	12 5 8	2°45'30	9♉15	24°17	27°39	12°47	12°43	17°22	5°47	4° 5	13°23	1°40	0°38	12°51	n.a.	M 4
T 5	12 9 5	3°43'11	21° 3	25°15	28°50	13°29	12°35	17°22	5°45	4° 7	13°21	1°41	0°35	12°58	n.a.	T 5
W 6	12 13 1	4°40'50	2♒56	26° 8	0♓ 1	14°10	12°28	17°22	5°43	4° 8	13°20	1°R41	0°32	13° 5	n.a.	W 6
T 7	12 16 58	5°38'28	14°57	26°57	1°12	14°51	12°20	17°22	5°41	4° 9	13°18	1°40	0°28	13°11	n.a.	T 7
F 8	12 20 54	6°36'05	27°10	27°41	2°23	15°32	12°13	17°R22	5°39	4°11	13°16	1°38	0°25	13°18	n.a.	F 8
S 9	12 24 51	7°33'41	9♓40	28°21	3°34	16°14	12° 5	17°22	5°37	4°12	13°15	1°32	0°22	13°25	n.a.	S 9
S 10	12 28 47	8°31'15	22°28	28°56	4°45	16°55	11°58	17°22	5°34	4°13	13°13	1°24	0°19	13°31	n.a.	S 10
M11	12 32 44	9°28'48	5♈36	29°26	5°56	17°36	11°50	17°22	5°32	4°15	13°11	1°14	0°16	13°38	n.a.	M11
T 12	12 36 40	10°26'20	19° 1	29°51	7° 7	18°17	11°42	17°21	5°31	4°16	13°10	1° 3	0°12	13°45	n.a.	T 12
W13	12 40 37	11°23'51	2♉41	0♉12	8°19	18°58	11°35	17°21	5°29	4°18	13° 8	0°52	0° 9	13°51	n.a.	W13
T 14	12 44 34	12°21'20	16°34	0°28	9°30	19°39	11°27	17°20	5°27	4°19	13° 6	0°42	0° 6	13°58	n.a.	T 14
F 15	12 48 30	13°18'48	0♊35	0°39	10°41	20°20	11°19	17°20	5°25	4°21	13° 5	0°34	0° 3	14° 5	n.a.	F 15
S 16	12 52 27	14°16'14	14°41	0°45	11°53	21° 1	11°12	17°19	5°23	4°22	13° 3	0°29	29♋59	14°11	n.a.	S 16
S 17	12 56 23	15°13'39	28°50	0°R47	13° 4	21°42	11° 4	17°18	5°21	4°24	13° 1	0°26	29°57	14°18	n.a.	S 17
M18	13 0 20	16°11'03	12♋58	0°44	14°15	22°23	10°57	17°17	5°19	4°26	13° 0	0°D25	29°53	14°25	n.a.	M18
T 19	13 4 16	17° 8'25	27° 6	0°36	15°27	23° 4	10°49	17°16	5°18	4°27	12°58	0°R26	29°50	14°31	n.a.	T 19
W20	13 8 13	18° 5'46	11♌11	0°24	16°38	23°44	10°41	17°15	5°16	4°29	12°56	0°25	29°47	14°38	n.a.	W20
T 21	13 12 9	19° 3'05	25°13	0° 9	17°50	24°25	10°34	17°14	5°15	4°30	12°55	0°23	29°44	14°44	n.a.	T 21
F 22	13 16 6	20° 0'23	9♍10	29♈49	19° 1	25° 6	10°26	17°12	5°13	4°32	12°53	0°19	29°41	14°51	n.a.	F 22
S 23	13 20 3	20°57'40	23° 0	29°26	20°13	25°46	10°19	17°11	5°11	4°34	12°51	0°12	29°38	14°58	n.a.	S 23
S 24	13 23 59	21°54'56	6♎41	29° 0	21°24	26°27	10°12	17°10	5°10	4°36	12°50	0° 3	29°34	15° 4	n.a.	S 24
M25	13 27 56	22°52'10	20° 8	28°32	22°36	27° 8	10° 4	17° 8	5° 8	4°37	12°48	29♋51	29°31	15°11	n.a.	M25
T 26	13 31 52	23°49'24	3♏21	28° 1	23°48	27°48	9°57	17° 6	5° 7	4°39	12°47	29°39	29°28	15°18	n.a.	T 26
W27	13 35 49	24°46'37	16°16	27°29	24°59	28°29	9°50	17° 5	5° 6	4°41	12°45	29°27	29°25	15°24	n.a.	W27
T 28	13 39 45	25°43'50	28°54	26°56	26°11	29° 9	9°43	17° 3	5° 4	4°43	12°43	29°16	29°22	15°31	n.a.	T 28
F 29	13 43 42	26°41'02	11♐15	26°22	27°23	29°49	9°36	17° 1	5° 3	4°44	12°42	29° 8	29°18	15°38	n.a.	F 29
S 30	13 47 38	27♈38'13	23♐22	25♈48	28♓34	0♉30	9♎29	16♐59	5♍ 2	4♊46	12♎40	29♋ 2	29♋15	15♉44	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s 3	16s53	4n21	10n48	2n41	14s56	1s19	4n11	0s 8	3s50	1n32	22s36	0n38	10n16	0n49	20n17	1s 2	8n 3	14n38	20n 6	20n19	21s38		n.a.
S 2	0n20	19 21	3 42	11 17	2 44	14 34	1 21	4 28	0 8	3 47	1 32	22 36	0 38	10 16	0 49	20 17	1 2	8 4	14 38	20 7	20 20	21 38		n.a.
S 3	0 44	20 56	2 53	11 44	2 45	14 11	1 22	4 45	0 7	3 44	1 32	22 36	0 38	10 17	0 49	20 18	1 2	8 5	14 38	20 7	20 20	21 38		n.a.
M 4	1 7	21 34	1 57	12 8	2 46	13 48	1 24	5 2	0 6	3 42	1 32	22 36	0 38	10 18	0 49	20 18	1 2	8 5	14 38	20 7	20 21	21 38		n.a.
T 5	1 30	21 14	0 57	12 30	2 46	13 25	1 26	5 19	0 6	3 39	1 32	22 36	0 38	10 19	0 49	20 18	1 2	8 6	14 38	20 7	20 22	21 38		n.a.
W 6	1 53	19 56	0s 7	12 49	2 45	13 1	1 28	5 36	0 5	3 36	1 32	22 36	0 38	10 20	0 49	20 18	1 2	8 7	14 38	20 7	20 22	21 39		n.a.
T 7	2 17	17 44	1 10	13 5	2 43	12 37	1 29	5 53	0 5	3 33	1 32	22 36	0 38	10 20	0 49	20 19	1 2	8 7	14 38	20 7	20 23	21 39		n.a.
F 8	2 40	14 43	2 12	13 18	2 40	12 12	1 31	6 9	0 4	3 30	1 32	22 36	0 38	10 21	0 49	20 19	1 2	8 8	14 38	20 8	20 24	21 39		n.a.
S 9	3 3	10 58	3 8	13 29	2 36	11 48	1 32	6 26	0 3	3 27	1 32	22 36	0 38	10 22	0 49	20 19	1 2	8 8	14 38	20 9	20 25	21 39		n.a.
S 10	3 26	6 38	3 56	13 37	2 31	11 22	1 33	6 43	0 3	3 24	1 32	22 36	0 38	10 23	0 49	20 20	1 2	8 9	14 38	20 11	20 25	21 39		n.a.
M11	3 49	1 55	4 33	13 43	2 25	10 57	1 35	6 59	0 2	3 21	1 32	22 36	0 37	10 23	0 49	20 20	1 2	8 10	14 38	20 13	20 26	21 40		n.a.
T 12	4 12	3n 1	4 56	13 45	2 18	10 31	1 36	7 16	0 1	3 18	1 32	22 36	0 37	10 24	0 49	20 20	1 2	8 10	14 38	20 15	20 27	21 40		n.a.
W13	4 35	7 53	5 2	13 45	2 10	10 5	1 37	7 32	0 1	3 15	1 32	22 36	0 37	10 25	0 49	20 20	1 2	8 11	14 38	20 18	20 27	21 40		n.a.
T 14	4 58	12 25	4 51	13 42	2 1	9 39	1 38	7 48	0 0	3 12	1 32	22 36	0 37	10 25	0 49	20 21	1 2	8 11	14 38	20 20	20 28	21 40		n.a.
F 15	5 20	16 20	4 22	13 37	1 51	9 12	1 39	8 5	0n 0	3 9	1 31	22 36	0 37	10 26	0 49	20 21	1 2	8 12	14 38	20 22	20 29	21 40		n.a.
S 16	5 43	19 21	3 38	13 29	1 40	8 45	1 40	8 21	0 1	3 6	1 31	22 36	0 37	10 27	0 49	20 21	1 2	8 13	14 38	20 23	20 29	21 40		n.a.
S 17	6 6	21 11	2 39	13 18	1 28	8 18	1 40	8 37	0 2	3 3	1 31	22 36	0 37	10 27	0 49	20 22	1 2	8 13	14 38	20 24	20 30	21 40		n.a.
M18	6 28	21 41	1 31	13 5	1 15	7 51	1 41	8 53	0 2	3 0	1 31	22 36	0 37	10 28	0 49	20 22	1 2	8 14	14 38	20 24	20 31	21 41		n.a.
T 19	6 50	20 48	0 18	12 49	1 1	7 23	1 42	9 9	0 3	2 57	1 31	22 36	0 37	10 29	0 49	20 22	1 2	8 14	14 38	20 24	20 31	21 41		n.a.
W20	7 13	18 37	0n57	12 32	0 46	6 55	1 42	9 25	0 3	2 55	1 31	22 36	0 37	10 29	0 49	20 23	1 2	8 15	14 38	20 24	20 32	21 41		n.a.
T 21	7 35	15 20	2 7	12 12	0 31	6 28	1 43	9 41	0 4	2 52	1 31	22 36	0 37	10 30	0 49	20 23	1 2	8 15	14 38	20 24	20 33	21 41		n.a.
F 22	7 57	11 11	3 10	11 50	0 15	5 59	1 43	9 56	0 5	2 49	1 31	22 36	0 37	10 30	0 49	20 23	1 2	8 16	14 37	20 25	20 33	21 41		n.a.
S 23	8 19	6 29	4 0	11 26	0s 1	5 31	1 43	10 12	0 5	2 46	1 30	22 36	0 37	10 31	0 49	20 24	1 2	8 16	14 37	20 27	20 34	21 41		n.a.
S 24	8 41	1 32	4 36	11 1	0 18	5 3	1 43	10 28	0 6	2 43	1 30	22 35	0 37	10 31	0 49	20 24	1 2	8 17	14 37	20 29	20 35	21 41		n.a.
M25	9 2	3s26	4 56	10 35	0 35	4 34	1 44	10 43	0 6	2 40	1 30	22 35	0 37	10 32	0 49	20 25	1 2	8 17	14 37	20 31	20 35	21 41		n.a.
T 26	9 24	8 8	5 0	10 8	0 52	4 5	1 44	10 58	0 7	2 38	1 30	22 35	0 37	10 32	0 48	20 25	1 2	8 18	14 37	20 34	20 36	21 41		n.a.
W27	9 45	12 23	4 48	9 41	1 9	3 36	1 44	11 14	0 7	2 35	1 30	22 35	0 37	10 33	0 48	20 25	1 2	8 18	14 37	20 36	20 37	21 42		n.a.
T 28	10 6	15 59	4 22	9 13	1 26	3 7	1 43	11 29	0 8	2 32	1 30	22 35	0 37	10 33	0 48	20 26	1 1	8 19	14 37	20 39	20 37	21 42		n.a.
F 29	10 27	18 48	3 44	8 46	1 42	2 38	1 43	11 44	0 9	2 30	1 30	22 35	0 37	10 34	0 48	20 26	1 1	8 19	14 36	20 40	20 38	21 42		n.a.
S 30	10n48	20s44	2n57	8n19	1s58	2s 9	1s43	11n59	0n 9	2s27	1n29	22s35	0n37	10n34	0n48	20n26	1s 1	8n20	14n36	20n42	20n39	21s42		n.a.

Julian Day Number = 1275543.5, Delta T = 08h13m04s
Ecliptic obliquity = 23°50'19, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'28, Lahiri = -20°48'27 Julian Calendar 1 Apr. 1221 BCE == Greg. Calendar 21 March 1221 BCE

The year -1220 astronomical counting style corresponds to year 1221 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1221 BCE
geocentric

MAY 1221 BCE (-1220) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 51 35	28♈35'24	5♉19	25°R16	29♓46	1♉10	9°R22	16°R57	5°R 1	4♊48	12°R39	28°R58	29♋12	15♉51	n.a.	S 1
M 2	13 55 32	29°32'34	17° 9	24♈44	0♈58	1°50	9♎15	16♐54	4♍59	4°50	12♎37	28♋57	29° 9	15°58	n.a.	M 2
T 3	13 59 28	0♉29'44	28°57	24°14	2°10	2°31	9° 8	16°52	4°58	4°52	12°35	28°57	29° 6	16° 4	n.a.	T 3
W 4	14 3 25	1°26'53	10♒50	23°47	3°22	3°11	9° 2	16°50	4°57	4°54	12°34	28°57	29° 3	16°11	n.a.	W 4
T 5	14 7 21	2°24'02	22°52	23°22	4°34	3°51	8°55	16°47	4°56	4°56	12°32	28°56	28°59	16°18	n.a.	T 5
F 6	14 11 18	3°21'11	5♓10	23° 1	5°46	4°31	8°49	16°45	4°55	4°58	12°31	28°53	28°56	16°24	n.a.	F 6
S 7	14 15 14	4°18'20	17°46	22°43	6°58	5°11	8°43	16°42	4°54	5° 0	12°29	28°47	28°53	16°31	n.a.	S 7
S 8	14 19 11	5°15'28	0♈44	22°29	8°10	5°51	8°36	16°39	4°54	5° 2	12°28	28°39	28°50	16°37	n.a.	S 8
M 9	14 23 8	6°12'36	14° 5	22°19	9°22	6°31	8°30	16°37	4°53	5° 4	12°26	28°29	28°47	16°44	n.a.	M 9
T 10	14 27 4	7° 9'43	27°49	22°13	10°34	7°11	8°24	16°34	4°52	5° 6	12°25	28°18	28°43	16°51	n.a.	T 10
W11	14 31 1	8° 6'50	11♉52	22°D12	11°46	7°51	8°19	16°31	4°51	5° 8	12°23	28° 6	28°40	16°57	n.a.	W11
T 12	14 34 57	9° 3'57	26°10	22°15	12°58	8°31	8°13	16°28	4°51	5°10	12°22	27°56	28°37	17° 4	n.a.	T 12
F 13	14 38 54	10° 1'04	10♊37	22°23	14°11	9°11	8° 7	16°25	4°50	5°12	12°20	27°47	28°34	17°11	n.a.	F 13
S 14	14 42 50	10°58'10	25° 6	22°36	15°23	9°51	8° 2	16°22	4°49	5°14	12°19	27°42	28°31	17°17	n.a.	S 14
S 15	14 46 47	11°55'16	9♋32	22°53	16°35	10°31	7°57	16°19	4°49	5°16	12°18	27°39	28°28	17°24	n.a.	S 15
M16	14 50 43	12°52'21	23°52	23°15	17°47	11°11	7°52	16°15	4°48	5°18	12°16	27°D38	28°24	17°31	n.a.	M16
T 17	14 54 40	13°49'25	8♌ 2	23°41	19° 0	11°51	7°47	16°12	4°48	5°20	12°15	27°R38	28°21	17°37	n.a.	T 17
W18	14 58 37	14°46'29	22° 3	24°13	20°12	12°30	7°42	16° 9	4°48	5°22	12°14	27°38	28°18	17°44	n.a.	W18
T 19	15 2 33	15°43'33	5♍53	24°49	21°24	13°10	7°37	16° 5	4°47	5°24	12°12	27°36	28°15	17°51	n.a.	T 19
F 20	15 6 30	16°40'36	19°32	25°29	22°37	13°50	7°33	16° 2	4°47	5°26	12°11	27°32	28°12	17°57	n.a.	F 20
S 21	15 10 26	17°37'39	3♎ 0	26°14	23°49	14°29	7°28	15°58	4°47	5°29	12°10	27°26	28° 9	18° 4	n.a.	S 21
S 22	15 14 23	18°34'42	16°17	27° 3	25° 1	15° 9	7°24	15°54	4°47	5°31	12° 8	27°18	28° 5	18°11	n.a.	S 22
M23	15 18 19	19°31'44	29°22	27°56	26°14	15°48	7°20	15°51	4°47	5°33	12° 7	27° 7	28° 2	18°17	n.a.	M23
T 24	15 22 16	20°28'47	12♏14	28°54	27°26	16°28	7°16	15°47	4°D47	5°35	12° 6	26°56	27°59	18°24	n.a.	T 24
W25	15 26 12	21°25'50	24°53	29°56	28°39	17° 7	7°12	15°43	4°47	5°37	12° 5	26°45	27°56	18°31	n.a.	W25
T 26	15 30 9	22°22'52	7♐18	1♉ 2	29°52	17°47	7° 9	15°39	4°47	5°39	12° 4	26°35	27°53	18°37	n.a.	T 26
F 27	15 34 6	23°19'55	19°30	2°13	1♉ 4	18°26	7° 5	15°35	4°47	5°41	12° 3	26°27	27°49	18°44	n.a.	F 27
S 28	15 38 2	24°16'59	1♑31	3°27	2°17	19° 6	7° 2	15°31	4°47	5°44	12° 1	26°22	27°46	18°50	n.a.	S 28
S 29	15 41 59	25°14'03	13°24	4°46	3°29	19°45	6°59	15°28	4°47	5°46	12° 0	26°19	27°43	18°57	n.a.	S 29
M30	15 45 55	26°11'07	25°12	6° 8	4°42	20°24	6°56	15°23	4°48	5°48	11°59	26°D18	27°40	19° 4	n.a.	M30
T 31	15 49 52	27♉ 8'12	7♒ 0	7♉34	5♉55	21♉ 4	6♎53	15♐19	4♍48	5♊50	11♎58	26♋19	27♋37	19♑10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	11n 9	21s42	2n 2	7n52	2s13	1s40	1s43	12n14	0n10	2s24	1n29	22s34	0n37	10n35	0n48	20n27	1s 1	8n20	14n36	20n42	20n39	21s42			n.a.
M 2	11 30	21 41	1 2	7 27	2 27	1 10	1 42	12 28	0 10	2 22	1 29	22 34	0 37	10 35	0 48	20 27	1 1	8 20	14 36	20 43	20 40	21 42			n.a.
T 3	11 50	20 43	0s 0	7 4	2 41	0 41	1 42	12 43	0 11	2 19	1 29	22 34	0 37	10 35	0 48	20 27	1 1	8 21	14 36	20 43	20 41	21 42			n.a.
W 4	12 10	18 49	1 3	6 42	2 53	0 11	1 41	12 58	0 12	2 17	1 29	22 34	0 37	10 36	0 48	20 28	1 1	8 21	14 35	20 43	20 42	21 42			n.a.
T 5	12 30	16 3	2 3	6 22	3 5	0n18	1 41	13 12	0 12	2 15	1 28	22 34	0 37	10 36	0 48	20 28	1 1	8 22	14 35	20 43	20 42	21 42			n.a.
F 6	12 50	12 33	2 59	6 5	3 15	0 48	1 40	13 26	0 13	2 12	1 28	22 33	0 37	10 36	0 48	20 29	1 1	8 22	14 35	20 44	20 43	21 42			n.a.
S 7	13 10	8 24	3 48	5 50	3 24	1 18	1 39	13 41	0 13	2 10	1 28	22 33	0 37	10 37	0 48	20 29	1 1	8 22	14 35	20 45	20 43	21 42			n.a.
S 8	13 29	3 46	4 27	5 37	3 32	1 47	1 38	13 55	0 14	2 8	1 28	22 33	0 37	10 37	0 48	20 29	1 1	8 23	14 34	20 46	20 44	21 42			n.a.
M 9	13 49	1n10	4 52	5 28	3 38	2 17	1 37	14 9	0 14	2 5	1 28	22 33	0 37	10 37	0 48	20 30	1 1	8 23	14 34	20 48	20 45	21 42			n.a.
T 10	14 8	6 12	5 1	5 21	3 43	2 46	1 37	14 23	0 15	2 3	1 27	22 33	0 37	10 38	0 48	20 30	1 1	8 23	14 34	20 51	20 45	21 42			n.a.
W11	14 27	11 1	4 53	5 16	3 47	3 16	1 36	14 36	0 16	2 1	1 27	22 32	0 36	10 38	0 48	20 31	1 1	8 24	14 33	20 53	20 46	21 42			n.a.
T 12	14 45	15 19	4 26	5 15	3 50	3 46	1 34	14 50	0 16	1 59	1 27	22 32	0 36	10 38	0 48	20 31	1 1	8 24	14 33	20 55	20 47	21 42			n.a.
F 13	15 4	18 45	3 42	5 16	3 52	4 15	1 33	15 4	0 17	1 57	1 27	22 32	0 36	10 38	0 48	20 31	1 1	8 24	14 33	20 57	20 47	21 42			n.a.
S 14	15 22	21 2	2 43	5 20	3 53	4 44	1 32	15 17	0 17	1 55	1 26	22 31	0 36	10 38	0 48	20 32	1 1	8 24	14 33	20 58	20 48	21 42			n.a.
S 15	15 40	21 55	1 34	5 27	3 52	5 14	1 31	15 30	0 18	1 53	1 26	22 31	0 36	10 38	0 48	20 32	1 1	8 25	14 32	20 59	20 49	21 42			n.a.
M16	15 58	21 22	0 20	5 37	3 51	5 43	1 29	15 43	0 18	1 51	1 26	22 31	0 36	10 39	0 48	20 33	1 1	8 25	14 32	20 59	20 49	21 42			n.a.
T 17	16 15	19 27	0n55	5 49	3 48	6 12	1 28	15 56	0 19	1 50	1 26	22 31	0 36	10 39	0 48	20 33	1 1	8 25	14 32	20 59	20 50	21 42			n.a.
W18	16 32	16 22	2 6	6 4	3 44	6 41	1 27	16 9	0 19	1 48	1 25	22 30	0 36	10 39	0 48	20 33	1 1	8 25	14 31	20 59	20 51	21 42			n.a.
T 19	16 49	12 25	3 8	6 22	3 40	7 10	1 25	16 22	0 20	1 46	1 25	22 30	0 36	10 39	0 48	20 34	1 1	8 26	14 31	20 59	20 51	21 42			n.a.
F 20	17 6	7 52	3 59	6 41	3 35	7 39	1 24	16 35	0 21	1 45	1 25	22 30	0 36	10 39	0 48	20 34	1 1	8 26	14 31	21 0	20 52	21 42			n.a.
S 21	17 22	3 0	4 36	7 3	3 29	8 8	1 22	16 47	0 21	1 43	1 25	22 29	0 36	10 39	0 47	20 35	1 1	8 26	14 30	21 1	20 53	21 42			n.a.
S 22	17 38	1s57	4 57	7 28	3 22	8 36	1 20	17 0	0 22	1 42	1 24	22 29	0 36	10 39	0 47	20 35	1 1	8 26	14 30	21 3	20 53	21 42			n.a.
M23	17 54	6 43	5 2	7 54	3 14	9 4	1 19	17 12	0 22	1 40	1 24	22 29	0 36	10 39	0 47	20 35	1 1	8 26	14 29	21 5	20 54	21 42			n.a.
T 24	18 10	11 8	4 52	8 22	3 6	9 33	1 17	17 24	0 23	1 39	1 24	22 28	0 36	10 39	0 47	20 36	1 1	8 26	14 29	21 7	20 55	21 42			n.a.
W25	18 25	14 59	4 28	8 53	2 57	10 0	1 15	17 36	0 23	1 38	1 23	22 28	0 36	10 39	0 47	20 36	1 1	8 26	14 29	21 9	20 55	21 42			n.a.
T 26	18 40	18 6	3 51	9 25	2 48	10 28	1 13	17 48	0 24	1 37	1 23	22 28	0 36	10 39	0 47	20 37	1 1	8 27	14 28	21 11	20 56	21 42			n.a.
F 27	18 55	20 22	3 3	9 59	2 38	10 56	1 11	18 0	0 24	1 36	1 23	22 27	0 36	10 39	0 47	20 37	1 1	8 27	14 28	21 13	20 57	21 42			n.a.
S 28	19 9	21 41	2 9	10 34	2 27	11 23	1 9	18 11	0 25	1 35	1 23	22 27	0 36	10 39	0 47	20 37	1 1	8 27	14 27	21 14	20 57	21 42			n.a.
S 29	19 23	22 1	1 9	11 11	2 16	11 50	1 7	18 23	0 26	1 34	1 22	22 27	0 35	10 39	0 47	20 38	1 1	8 27	14 27	21 14	20 58	21 42			n.a.
M30	19 37	21 21	0 6	11 49	2 5	12 17	1 5	18 34	0 26	1 33	1 22	22 26	0 35	10 38	0 47	20 38	1 1	8 27	14 27	21 15	20 58	21 42			n.a.
T 31	19n51	19s45	0s57	12n29	1s54	12n43	1s 3	18n45	0n27	1s32	1n22	22s26	0n35	10n38	0n47	20n39	1s 1	8n27	14n26	21n14	20n59	21s42			n.a.

Julian Day Number = 1275573.5, Delta T = 08h13m02s
Ecliptic obliquity = 23°50'19, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'24, Lahiri = -20°48'23 Julian Calendar 1 May 1221 BCE == Greg. Calendar 20 Apr. 1221 BCE

The year -1220 astronomical counting style corresponds to year 1221 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1221 BCE
geocentric

JUNE 1221 BCE (-1220) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 53 48	28♉ 5'17	18♒53	9♉ 4	7♉ 8	21♉43	6°R51	15°R15	4♍48	5♊52	11°R57	26♋20	27♋34	19♑17	n.a.	W 1
T 2	15 57 45	29° 2'23	0♓55	10°38	8°20	22°22	6♎48	15♐11	4°49	5°55	11♎56	26°R20	27°30	19°24	n.a.	T 2
F 3	16 1 42	29°59'29	13°12	12°15	9°33	23° 1	6°46	15° 7	4°49	5°57	11°55	26°19	27°27	19°30	n.a.	F 3
S 4	16 5 38	0♊56'36	25°49	13°56	10°46	23°41	6°44	15° 3	4°50	5°59	11°54	26°16	27°24	19°37	n.a.	S 4
S 5	16 9 35	1°53'44	8♈49	15°41	11°59	24°20	6°42	14°59	4°50	6° 1	11°53	26°11	27°21	19°44	n.a.	S 5
M 6	16 13 31	2°50'52	22°16	17°28	13°12	24°59	6°41	14°54	4°51	6° 4	11°53	26° 4	27°18	19°50	n.a.	M 6
T 7	16 17 28	3°48'02	6♉ 9	19°19	14°25	25°38	6°39	14°50	4°52	6° 6	11°52	25°57	27°15	19°57	n.a.	T 7
W 8	16 21 24	4°45'12	20°26	21°13	15°38	26°17	6°38	14°46	4°52	6° 8	11°51	25°49	27°11	20° 4	n.a.	W 8
T 9	16 25 21	5°42'23	5♊ 3	23° 9	16°51	26°56	6°37	14°41	4°53	6°10	11°50	25°41	27° 8	20°10	n.a.	T 9
F 10	16 29 17	6°39'34	19°51	25° 8	18° 4	27°35	6°36	14°37	4°54	6°12	11°49	25°35	27° 5	20°17	n.a.	F 10
S 11	16 33 14	7°36'46	4♋43	27° 8	19°17	28°14	6°35	14°33	4°55	6°15	11°49	25°32	27° 2	20°24	n.a.	S 11
S 12	16 37 11	8°33'59	19°31	29°11	20°30	28°53	6°35	14°28	4°56	6°17	11°48	25°D30	26°59	20°30	n.a.	S 12
M13	16 41 7	9°31'12	4♌ 9	1♊15	21°43	29°32	6°34	14°24	4°57	6°19	11°47	25°30	26°55	20°37	n.a.	M13
T 14	16 45 4	10°28'26	18°32	3°20	22°57	0♊11	6°34	14°19	4°58	6°21	11°47	25°31	26°52	20°43	n.a.	T 14
W15	16 49 0	11°25'40	2♍39	5°26	24°10	0°50	6°D34	14°15	4°59	6°24	11°46	25°32	26°49	20°50	n.a.	W15
T 16	16 52 57	12°22'54	16°27	7°32	25°23	1°29	6°34	14°10	5° 0	6°26	11°45	25°R32	26°46	20°57	n.a.	T 16
F 17	16 56 53	13°20'09	29°58	9°39	26°36	2° 8	6°35	14° 6	5° 2	6°28	11°45	25°31	26°43	21° 3	n.a.	F 17
S 18	17 0 50	14°17'25	13♎13	11°46	27°50	2°47	6°35	14° 2	5° 3	6°30	11°44	25°28	26°40	21°10	n.a.	S 18
S 19	17 4 47	15°14'41	26°13	13°53	29° 3	3°25	6°36	13°57	5° 4	6°33	11°44	25°23	26°36	21°17	n.a.	S 19
M20	17 8 43	16°11'58	8♏58	15°59	0♊16	4° 4	6°37	13°53	5° 5	6°35	11°43	25°17	26°33	21°23	n.a.	M20
T 21	17 12 40	17° 9'16	21°32	18° 4	1°30	4°43	6°38	13°48	5° 7	6°37	11°43	25°11	26°30	21°30	n.a.	T 21
W22	17 16 36	18° 6'35	3♐53	20° 8	2°43	5°22	6°39	13°44	5° 8	6°39	11°42	25° 4	26°27	21°37	n.a.	W22
T 23	17 20 33	19° 3'55	16° 4	22°12	3°57	6° 0	6°41	13°39	5°10	6°41	11°42	24°59	26°24	21°43	n.a.	T 23
F 24	17 24 29	20° 1'16	28° 6	24°14	5°10	6°39	6°42	13°35	5°11	6°43	11°42	24°54	26°21	21°50	n.a.	F 24
S 25	17 28 26	20°58'38	10♑ 1	26°15	6°24	7°18	6°44	13°31	5°13	6°46	11°41	24°52	26°17	21°57	n.a.	S 25
S 26	17 32 22	21°56'01	21°50	28°14	7°37	7°56	6°46	13°26	5°15	6°48	11°41	24°D51	26°14	22° 3	n.a.	S 26
M27	17 36 19	22°53'26	3♒37	0♋13	8°51	8°35	6°48	13°22	5°16	6°50	11°41	24°51	26°11	22°10	n.a.	M27
T 28	17 40 16	23°50'52	15°25	2° 9	10° 4	9°13	6°51	13°18	5°18	6°52	11°41	24°52	26° 8	22°17	n.a.	T 28
W29	17 44 12	24°48'19	27°17	4° 5	11°18	9°52	6°53	13°13	5°20	6°54	11°41	24°54	26° 5	22°23	n.a.	W29
T 30	17 48 9	25♊45'48	9♓20	5♋58	12♊32	10♊31	6♎56	13♐ 9	5♍22	6♊56	11♎40	24♋55	26♋ 1	22♑30	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	20n 4	17s17	1s58	13n 9	1s42	13n10	1s 1	18n56	0n27	1s31	1n21	22s25	0n35	10n38	0n47	20n39	1s 1	8n27	14n26	21n14	21n 0	21s41		n.a.	W 1
T 2	20 17	14 3	2 55	13 50	1 30	13 35	0 59	19 7	0 28	1 31	1 21	22 25	0 35	10 38	0 47	20 39	1 1	8 27	14 25	21 14	21 0	21 41		n.a.	T 2
F 3	20 29	10 9	3 45	14 32	1 18	14 1	0 57	19 18	0 28	1 30	1 21	22 25	0 35	10 38	0 47	20 40	1 1	8 27	14 25	21 14	21 1	21 41		n.a.	F 3
S 4	20 41	5 44	4 25	15 15	1 5	14 26	0 55	19 28	0 29	1 29	1 20	22 24	0 35	10 37	0 47	20 40	1 1	8 27	14 25	21 15	21 2	21 41		n.a.	S 4
S 5	20 53	0 55	4 53	15 58	0 53	14 51	0 52	19 38	0 29	1 29	1 20	22 24	0 35	10 37	0 47	20 41	1 1	8 27	14 24	21 16	21 2	21 41		n.a.	S 5
M 6	21 5	4n 5	5 6	16 41	0 41	15 16	0 50	19 49	0 30	1 29	1 20	22 23	0 35	10 37	0 47	20 41	1 1	8 27	14 24	21 17	21 3	21 41		n.a.	M 6
T 7	21 16	9 3	5 2	17 24	0 28	15 40	0 48	19 59	0 30	1 28	1 20	22 23	0 35	10 37	0 47	20 41	1 1	8 26	14 23	21 19	21 4	21 41		n.a.	T 7
W 8	21 26	13 40	4 39	18 6	0 16	16 4	0 45	20 9	0 31	1 28	1 19	22 23	0 35	10 36	0 47	20 42	1 1	8 26	14 23	21 20	21 4	21 41		n.a.	W 8
T 9	21 37	17 36	3 58	18 48	0 5	16 28	0 43	20 18	0 31	1 28	1 19	22 22	0 35	10 36	0 47	20 42	1 1	8 26	14 22	21 22	21 5	21 41		n.a.	T 9
F 10	21 47	20 27	3 0	19 28	0n 7	16 51	0 41	20 28	0 32	1 28	1 19	22 22	0 35	10 36	0 47	20 43	1 1	8 26	14 22	21 23	21 5	21 40		n.a.	F 10
S 11	21 57	21 55	1 50	20 8	0 18	17 13	0 38	20 38	0 33	1 28	1 18	22 21	0 34	10 35	0 47	20 43	1 1	8 26	14 21	21 23	21 6	21 40		n.a.	S 11
S 12	22 6	21 52	0 32	20 46	0 28	17 36	0 36	20 47	0 33	1 28	1 18	22 21	0 34	10 35	0 46	20 43	1 1	8 26	14 21	21 24	21 7	21 40		n.a.	S 12
M13	22 15	20 18	0n47	21 23	0 39	17 57	0 34	20 56	0 34	1 28	1 18	22 20	0 34	10 34	0 46	20 44	1 1	8 26	14 20	21 24	21 7	21 40		n.a.	M13
T 14	22 23	17 27	2 2	21 57	0 48	18 19	0 31	21 5	0 34	1 28	1 17	22 20	0 34	10 34	0 46	20 44	1 1	8 25	14 20	21 23	21 8	21 40		n.a.	T 14
W15	22 32	13 37	3 8	22 30	0 57	18 40	0 29	21 14	0 35	1 28	1 17	22 20	0 34	10 33	0 46	20 45	1 0	8 25	14 19	21 23	21 9	21 40		n.a.	W15
T 16	22 39	9 7	4 1	23 0	1 5	19 0	0 26	21 22	0 35	1 29	1 17	22 19	0 34	10 33	0 46	20 45	1 0	8 25	14 19	21 23	21 9	21 40		n.a.	T 16
F 17	22 47	4 17	4 40	23 28	1 13	19 20	0 24	21 31	0 36	1 29	1 16	22 19	0 34	10 32	0 46	20 45	1 0	8 25	14 18	21 23	21 10	21 39		n.a.	F 17
S 18	22 54	0s39	5 3	23 53	1 20	19 40	0 21	21 39	0 36	1 30	1 16	22 18	0 34	10 32	0 46	20 46	1 0	8 24	14 18	21 24	21 10	21 39		n.a.	S 18
S 19	23 0	5 28	5 10	24 16	1 26	19 58	0 19	21 47	0 37	1 30	1 16	22 18	0 34	10 31	0 46	20 46	1 0	8 24	14 17	21 25	21 11	21 39		n.a.	S 19
M20	23 7	9 58	5 1	24 36	1 31	20 17	0 16	21 55	0 37	1 31	1 16	22 17	0 34	10 31	0 46	20 47	1 0	8 24	14 17	21 26	21 12	21 39		n.a.	M20
T 21	23 12	13 58	4 38	24 53	1 36	20 35	0 14	22 3	0 38	1 32	1 15	22 17	0 34	10 30	0 46	20 47	1 0	8 24	14 16	21 27	21 12	21 39		n.a.	T 21
W22	23 18	17 19	4 2	25 8	1 40	20 52	0 11	22 11	0 38	1 32	1 15	22 16	0 33	10 30	0 46	20 47	1 0	8 23	14 16	21 28	21 13	21 38		n.a.	W22
T 23	23 23	19 51	3 16	25 20	1 43	21 9	0 9	22 18	0 39	1 33	1 15	22 16	0 33	10 29	0 46	20 48	1 0	8 23	14 15	21 29	21 13	21 38		n.a.	T 23
F 24	23 27	21 29	2 21	25 29	1 46	21 25	0 6	22 26	0 39	1 34	1 14	22 16	0 33	10 28	0 46	20 48	1 0	8 23	14 15	21 30	21 14	21 38		n.a.	F 24
S 25	23 32	22 7	1 20	25 35	1 48	21 40	0 4	22 33	0 40	1 35	1 14	22 15	0 33	10 28	0 46	20 48	1 0	8 22	14 14	21 31	21 15	21 38		n.a.	S 25
S 26	23 35	21 46	0 16	25 39	1 49	21 55	0 1	22 40	0 40	1 36	1 14	22 15	0 33	10 27	0 46	20 49	1 0	8 22	14 14	21 31	21 15	21 38		n.a.	S 26
M27	23 39	20 27	0s48	25 40	1 50	22 10	0n 1	22 46	0 41	1 37	1 13	22 14	0 33	10 27	0 46	20 49	1 0	8 21	14 13	21 31	21 16	21 37		n.a.	M27
T 28	23 42	18 14	1 51	25 39	1 50	22 23	0 4	22 53	0 41	1 39	1 13	22 14	0 33	10 26	0 46	20 50	1 0	8 21	14 13	21 31	21 17	21 37		n.a.	T 28
W29	23 44	15 15	2 49	25 36	1 49	22 36	0 6	22 59	0 42	1 40	1 13	22 13	0 33	10 25	0 46	20 50	1 0	8 21	14 12	21 30	21 17	21 37		n.a.	W29
T 30	23n46	11s36	3s41	25n30	1n48	22n49	0n 8	23n 6	0n42	1s41	1n12	22s13	0n33	10n24	0n46	20n50	1s 0	8n20	14n12	21n30	21n18	21s37		n.a.	T 30

Julian Day Number = 1275604.5, Delta T = 08h13m00s
Ecliptic obliquity = 23°50'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'20, Lahiri = -20°48'19 Julian Calendar 1 June 1221 BCE == Greg. Calendar 21 May 1221 BCE

The year -1220 astronomical counting style corresponds to year 1221 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1221 BCE
geocentric

JULY 1221 BCE (-1220) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 52 5	26♊43'18	21♓36	7♋51	13♊45	11♊ 9	6♎59	13°R 5	5♍24	6♊59	11°R40	24°R56	25♋58	22♑36	n.a.	F 1
S 2	17 56 2	27°40'50	4♈10	9°42	14°59	11°48	7° 2	13♐ 0	5°26	7° 1	11♎40	24♋56	25°55	22°43	n.a.	S 2
S 3	17 59 58	28°38'24	17° 8	11°31	16°13	12°26	7° 5	12°56	5°28	7° 3	11°40	24°55	25°52	22°50	n.a.	S 3
M 4	18 3 55	29°35'59	0♉32	13°19	17°27	13° 4	7° 8	12°52	5°30	7° 5	11°D40	24°53	25°49	22°56	n.a.	M 4
T 5	18 7 51	0♋33'36	14°23	15° 5	18°41	13°43	7°12	12°48	5°32	7° 7	11°40	24°50	25°46	23° 3	n.a.	T 5
W 6	18 11 48	1°31'14	28°42	16°50	19°55	14°21	7°16	12°44	5°34	7° 9	11°40	24°47	25°42	23°10	n.a.	W 6
T 7	18 15 45	2°28'54	13♊23	18°33	21° 9	15° 0	7°19	12°40	5°36	7°11	11°40	24°44	25°39	23°16	n.a.	T 7
F 8	18 19 41	3°26'36	28°21	20°15	22°23	15°38	7°24	12°36	5°38	7°13	11°41	24°41	25°36	23°23	n.a.	F 8
S 9	18 23 38	4°24'20	13♋28	21°55	23°37	16°16	7°28	12°32	5°40	7°15	11°41	24°40	25°33	23°30	n.a.	S 9
S 10	18 27 34	5°22'05	28°35	23°34	24°51	16°55	7°32	12°28	5°43	7°17	11°41	24°D40	25°30	23°36	n.a.	S 10
M11	18 31 31	6°19'51	13♌32	25°12	26° 5	17°33	7°37	12°24	5°45	7°19	11°41	24°40	25°27	23°43	n.a.	M11
T 12	18 35 27	7°17'38	28°12	26°48	27°19	18°11	7°41	12°20	5°47	7°21	11°41	24°42	25°23	23°50	n.a.	T 12
W13	18 39 24	8°15'27	12♍32	28°23	28°33	18°49	7°46	12°16	5°50	7°23	11°42	24°43	25°20	23°56	n.a.	W13
T 14	18 43 20	9°13'17	26°28	29°56	29°47	19°28	7°51	12°13	5°52	7°25	11°42	24°44	25°17	24° 3	n.a.	T 14
F 15	18 47 17	10°11'09	10♎ 0	1♌28	1♋ 1	20° 6	7°57	12° 9	5°55	7°27	11°42	24°R44	25°14	24° 9	n.a.	F 15
S 16	18 51 14	11° 9'02	23°11	2°58	2°16	20°44	8° 2	12° 5	5°57	7°29	11°43	24°44	25°11	24°16	n.a.	S 16
S 17	18 55 10	12° 6'56	6♏ 2	4°27	3°30	21°22	8° 7	12° 2	6° 0	7°31	11°43	24°43	25° 7	24°23	n.a.	S 17
M18	18 59 7	13° 4'52	18°35	5°55	4°44	22° 0	8°13	11°58	6° 3	7°33	11°44	24°41	25° 4	24°29	n.a.	M18
T 19	19 3 3	14° 2'49	0♐55	7°21	5°58	22°39	8°19	11°55	6° 5	7°35	11°44	24°40	25° 1	24°36	n.a.	T 19
W20	19 7 0	15° 0'48	13° 3	8°46	7°13	23°17	8°25	11°52	6° 8	7°37	11°45	24°39	24°58	24°43	n.a.	W20
T 21	19 10 56	15°58'49	25° 3	10° 9	8°27	23°55	8°31	11°48	6°11	7°38	11°45	24°37	24°55	24°49	n.a.	T 21
F 22	19 14 53	16°56'51	6♑56	11°30	9°41	24°33	8°37	11°45	6°13	7°40	11°46	24°37	24°52	24°56	n.a.	F 22
S 23	19 18 49	17°54'55	18°46	12°50	10°56	25°11	8°44	11°42	6°16	7°42	11°47	24°D36	24°48	25° 3	n.a.	S 23
S 24	19 22 46	18°53'01	0♒33	14° 8	12°10	25°49	8°50	11°39	6°19	7°44	11°47	24°36	24°45	25° 9	n.a.	S 24
M25	19 26 43	19°51'09	12°21	15°25	13°25	26°27	8°57	11°36	6°22	7°46	11°48	24°36	24°42	25°16	n.a.	M25
T 26	19 30 39	20°49'19	24°12	16°40	14°39	27° 5	9° 4	11°33	6°25	7°47	11°49	24°37	24°39	25°23	n.a.	T 26
W27	19 34 36	21°47'31	6♓ 9	17°53	15°54	27°43	9°11	11°30	6°28	7°49	11°49	24°37	24°36	25°29	n.a.	W27
T 28	19 38 32	22°45'45	18°15	19° 4	17° 8	28°21	9°18	11°27	6°31	7°51	11°50	24°37	24°33	25°36	n.a.	T 28
F 29	19 42 29	23°44'01	0♈34	20°13	18°23	28°59	9°25	11°25	6°34	7°52	11°51	24°38	24°29	25°43	n.a.	F 29
S 30	19 46 25	24°42'19	13° 8	21°21	19°37	29°37	9°33	11°22	6°37	7°54	11°52	24°R38	24°26	25°49	n.a.	S 30
S 31	19 50 22	25♋40'39	26♈ 2	22♌25	20♋52	0♋14	9♎40	11♐19	6♍40	7♊56	11♎53	24°D38	24♋23	25♑56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	7s24	4s23	25n22	1n46	23n 1	0n11	23n12	0n43	1s43	1n12	22s12	0n33	10n24	0n46	20n51	1s 0	8n20	14n11	21n30	21n18	21s37		n.a.
S 2	23 49	2 48	4 54	25 13	1 44	23 12	0 13	23 17	0 43	1 44	1 12	22 12	0 32	10 23	0 46	20 51	1 0	8 19	14 10	21 30	21 19	21 36		n.a.
S 3	23 50	2n 3	5 12	25 1	1 41	23 22	0 16	23 23	0 44	1 46	1 12	22 12	0 32	10 22	0 46	20 51	1 0	8 19	14 10	21 30	21 20	21 36		n.a.
M 4	23 50	6 58	5 13	24 47	1 38	23 32	0 18	23 29	0 44	1 47	1 11	22 11	0 32	10 21	0 46	20 52	1 0	8 18	14 9	21 31	21 20	21 36		n.a.
T 5	23 50	11 42	4 57	24 32	1 35	23 41	0 20	23 34	0 45	1 49	1 11	22 11	0 32	10 21	0 46	20 52	1 0	8 18	14 9	21 31	21 21	21 36		n.a.
W 6	23 50	15 57	4 22	24 15	1 31	23 50	0 23	23 39	0 45	1 51	1 11	22 10	0 32	10 20	0 45	20 52	1 0	8 17	14 8	21 32	21 21	21 35		n.a.
T 7	23 49	19 20	3 29	23 57	1 26	23 57	0 25	23 44	0 46	1 53	1 10	22 10	0 32	10 19	0 45	20 53	1 0	8 17	14 8	21 32	21 22	21 35		n.a.
F 8	23 48	21 29	2 20	23 37	1 21	24 4	0 27	23 49	0 46	1 55	1 10	22 10	0 32	10 18	0 45	20 53	1 0	8 16	14 7	21 33	21 23	21 35		n.a.
S 9	23 46	22 7	1 1	23 16	1 16	24 10	0 30	23 54	0 47	1 57	1 10	22 9	0 32	10 17	0 45	20 53	1 0	8 16	14 7	21 33	21 23	21 34		n.a.
S 10	23 44	21 8	0n22	22 54	1 10	24 16	0 32	23 58	0 47	1 59	1 9	22 9	0 32	10 16	0 45	20 54	1 0	8 15	14 6	21 33	21 24	21 34		n.a.
M11	23 41	18 40	1 43	22 30	1 5	24 21	0 34	24 2	0 48	2 1	1 9	22 8	0 31	10 15	0 45	20 54	1 0	8 14	14 6	21 33	21 24	21 34		n.a.
T 12	23 38	15 2	2 55	22 6	0 58	24 25	0 36	24 6	0 48	2 3	1 9	22 8	0 31	10 14	0 45	20 54	1 0	8 14	14 5	21 33	21 25	21 34		n.a.
W13	23 35	10 35	3 55	21 40	0 52	24 28	0 38	24 10	0 49	2 5	1 9	22 8	0 31	10 13	0 45	20 55	1 0	8 13	14 4	21 32	21 26	21 33		n.a.
T 14	23 31	5 41	4 39	21 14	0 45	24 31	0 41	24 14	0 49	2 7	1 8	22 7	0 31	10 12	0 45	20 55	1 0	8 13	14 4	21 32	21 26	21 33		n.a.
F 15	23 26	0 40	5 7	20 47	0 38	24 33	0 43	24 17	0 50	2 10	1 8	22 7	0 31	10 12	0 45	20 55	1 0	8 12	14 3	21 32	21 27	21 33		n.a.
S 16	23 22	4s16	5 17	20 19	0 31	24 34	0 45	24 21	0 50	2 12	1 8	22 6	0 31	10 11	0 45	20 56	1 1	8 11	14 3	21 32	21 27	21 32		n.a.
S 17	23 17	8 52	5 11	19 50	0 23	24 34	0 47	24 24	0 51	2 15	1 8	22 6	0 31	10 10	0 45	20 56	1 1	8 11	14 2	21 32	21 28	21 32		n.a.
M18	23 11	13 0	4 50	19 21	0 15	24 34	0 49	24 27	0 51	2 17	1 7	22 6	0 31	10 9	0 45	20 56	1 1	8 10	14 2	21 33	21 28	21 32		n.a.
T 19	23 5	16 31	4 16	18 52	0 7	24 33	0 51	24 29	0 52	2 20	1 7	22 5	0 31	10 7	0 45	20 57	1 1	8 9	14 1	21 33	21 29	21 31		n.a.
W20	22 59	19 15	3 31	18 21	0s 1	24 31	0 52	24 32	0 52	2 22	1 7	22 5	0 30	10 6	0 45	20 57	1 1	8 9	14 1	21 33	21 30	21 31		n.a.
T 21	22 52	21 8	2 37	17 51	0 9	24 28	0 54	24 34	0 53	2 25	1 6	22 5	0 30	10 5	0 45	20 57	1 1	8 8	14 0	21 33	21 30	21 31		n.a.
F 22	22 45	22 3	1 37	17 20	0 18	24 25	0 56	24 36	0 53	2 28	1 6	22 4	0 30	10 4	0 45	20 57	1 1	8 7	14 0	21 33	21 31	21 30		n.a.
S 23	22 37	21 58	0 32	16 49	0 26	24 20	0 58	24 38	0 54	2 31	1 6	22 4	0 30	10 3	0 45	20 58	1 1	8 6	13 59	21 34	21 31	21 30		n.a.
S 24	22 29	20 54	0s33	16 18	0 35	24 15	0 59	24 40	0 54	2 34	1 6	22 4	0 30	10 2	0 45	20 58	1 1	8 6	13 59	21 34	21 32	21 30		n.a.
M25	22 21	18 56	1 37	15 47	0 44	24 10	1 1	24 42	0 55	2 36	1 5	22 3	0 30	10 1	0 45	20 58	1 1	8 5	13 58	21 34	21 33	21 29		n.a.
T 26	22 12	16 8	2 37	15 16	0 53	24 3	1 3	24 43	0 55	2 39	1 5	22 3	0 30	10 0	0 45	20 59	1 1	8 4	13 57	21 33	21 33	21 29		n.a.
W27	22 2	12 40	3 31	14 45	1 2	23 56	1 4	24 45	0 55	2 42	1 5	22 3	0 30	9 59	0 45	20 59	1 1	8 3	13 57	21 33	21 34	21 29		n.a.
T 28	21 53	8 38	4 16	14 14	1 11	23 48	1 6	24 46	0 56	2 46	1 5	22 3	0 29	9 58	0 45	20 59	1 1	8 2	13 56	21 33	21 34	21 28		n.a.
F 29	21 43	4 12	4 50	13 43	1 21	23 40	1 7	24 47	0 56	2 49	1 4	22 2	0 29	9 56	0 45	20 59	1 1	8 2	13 56	21 33	21 35	21 28		n.a.
S 30	21 32	0n30	5 12	13 12	1 30	23 30	1 9	24 47	0 57	2 52	1 4	22 2	0 29	9 55	0 45	21 0	1 1	8 1	13 55	21 33	21 35	21 27		n.a.
S 31	21n22	5n17	5s18	12n42	1s39	23n20	1n10	24n48	0n57	2s55	1n 4	22s 2	0n29	9n54	0n45	21n 0	1s 1	8n 0	13n55	21n33	21n36	21s27		n.a.

Julian Day Number = 1275634.5, Delta T = 08h12m59s
Ecliptic obliquity = 23°50'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'15, Lahiri = -20°48'15 Julian Calendar 1 July 1221 BCE == Greg. Calendar 20 June 1221 BCE

The year -1220 astronomical counting style corresponds to year 1221 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1221 BCE
geocentric

AUGUST 1221 BCE (-1220) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 54 18	26♋39'02	9♉19	23♌28	22♋ 7	0♋52	9♎48	11°R17	6♍43	7♊57	11♎54	24♋38	24♋20	26♂ 2	n.a.	M 1
T 2	19 58 15	27°37'27	23° 2	24°28	23°21	1°30	9°56	11♐15	6°46	7°59	11°55	24°38	24°17	26° 9	n.a.	T 2
W 3	20 2 12	28°35'55	7♊10	25°26	24°36	2° 8	10° 4	11°12	6°49	8° 1	11°56	24°38	24°13	26°16	n.a.	W 3
T 4	20 6 8	29°34'25	21°43	26°21	25°51	2°46	10°12	11°10	6°52	8° 2	11°57	24°39	24°10	26°22	n.a.	T 4
F 5	20 10 5	0♌32'57	6♋36	27°13	27° 6	3°24	10°20	11° 8	6°56	8° 4	11°58	24°39	24° 7	26°29	n.a.	F 5
S 6	20 14 1	1°31'31	21°43	28° 2	28°20	4° 2	10°28	11° 6	6°59	8° 5	11°59	24°R39	24° 4	26°36	n.a.	S 6
S 7	20 17 58	2°30'07	6♌55	28°47	29°35	4°39	10°37	11° 4	7° 2	8° 7	12° 0	24°39	24° 1	26°42	n.a.	S 7
M 8	20 21 54	3°28'46	22° 2	29°29	0♌50	5°17	10°45	11° 2	7° 6	8° 8	12° 1	24°39	23°58	26°49	n.a.	M 8
T 9	20 25 51	4°27'26	6♍56	0♍ 6	2° 5	5°55	10°54	11° 0	7° 9	8° 9	12° 2	24°38	23°54	26°56	n.a.	T 9
W10	20 29 47	5°26'08	21°29	0°40	3°20	6°33	11° 3	10°59	7°12	8°11	12° 4	24°36	23°51	27° 2	n.a.	W10
T 11	20 33 44	6°24'52	5♎37	1° 9	4°35	7°10	11°12	10°57	7°16	8°12	12° 5	24°35	23°48	27° 9	n.a.	T 11
F 12	20 37 40	7°23'38	19°17	1°33	5°50	7°48	11°21	10°56	7°19	8°14	12° 6	24°34	23°45	27°16	n.a.	F 12
S 13	20 41 37	8°22'26	2♏31	1°51	7° 5	8°26	11°30	10°54	7°22	8°15	12° 8	24°D33	23°42	27°22	n.a.	S 13
S 14	20 45 34	9°21'16	15°21	2° 4	8°20	9° 3	11°39	10°53	7°26	8°16	12° 9	24°33	23°38	27°29	n.a.	S 14
M15	20 49 30	10°20'07	27°50	2°11	9°35	9°41	11°48	10°52	7°29	8°17	12°10	24°34	23°35	27°36	n.a.	M15
T 16	20 53 27	11°19'01	10♐ 3	2°R12	10°49	10°18	11°58	10°51	7°33	8°19	12°12	24°35	23°32	27°42	n.a.	T 16
W17	20 57 23	12°17'56	22° 4	2° 6	12° 4	10°56	12° 7	10°50	7°36	8°20	12°13	24°37	23°29	27°49	n.a.	W17
T 18	21 1 20	13°16'54	3♑57	1°53	13°20	11°34	12°17	10°49	7°40	8°21	12°15	24°38	23°26	27°55	n.a.	T 18
F 19	21 5 16	14°15'53	15°45	1°32	14°35	12°11	12°27	10°48	7°43	8°22	12°16	24°39	23°23	28° 2	n.a.	F 19
S 20	21 9 13	15°14'55	27°32	1° 4	15°50	12°49	12°37	10°47	7°47	8°23	12°18	24°R39	23°19	28° 9	n.a.	S 20
S 21	21 13 9	16°13'58	9♒21	0°28	17° 5	13°26	12°47	10°46	7°51	8°24	12°19	24°39	23°16	28°15	n.a.	S 21
M22	21 17 6	17°13'04	21°14	29♌45	18°20	14° 4	12°57	10°46	7°54	8°25	12°21	24°37	23°13	28°22	n.a.	M22
T 23	21 21 3	18°12'12	3♓13	28°55	19°35	14°41	13° 7	10°46	7°58	8°26	12°22	24°34	23°10	28°29	n.a.	T 23
W24	21 24 59	19°11'22	15°20	27°59	20°50	15°19	13°18	10°45	8° 1	8°27	12°24	24°30	23° 7	28°35	n.a.	W24
T 25	21 28 56	20°10'34	27°36	26°57	22° 5	15°56	13°28	10°45	8° 5	8°28	12°25	24°25	23° 4	28°42	n.a.	T 25
F 26	21 32 52	21° 9'49	10♈ 3	25°51	23°20	16°33	13°38	10°45	8° 9	8°29	12°27	24°21	23° 0	28°49	n.a.	F 26
S 27	21 36 49	22° 9'06	22°44	24°42	24°35	17°11	13°49	10°D45	8°12	8°30	12°29	24°18	22°57	28°55	n.a.	S 27
S 28	21 40 45	23° 8'26	5♉40	23°32	25°50	17°48	14° 0	10°45	8°16	8°31	12°31	24°15	22°54	29° 2	n.a.	S 28
M29	21 44 42	24° 7'48	18°54	22°22	27° 6	18°26	14°11	10°45	8°20	8°32	12°32	24°D14	22°51	29° 9	n.a.	M29
T 30	21 48 38	25° 7'12	2♊28	21°16	28°21	19° 3	14°21	10°45	8°24	8°33	12°34	24°14	22°48	29°15	n.a.	T 30
W31	21 52 35	26♌ 6'40	16♊23	20♌13	29♌36	19♋40	14♎32	10♐46	8♍27	8♊33	12♎36	24♋15	22♋44	29♂22	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21n10	9n59	5s 8	12n13	1s49	23n10	1n11	24n48	0n58	2s58	1n 4	22s 2	0n29	9n53	0n45	21n 0	1s 1	7n59	13n54	21n33	21n37	21s27			n.a.
T 2	20 59	14 20	4 40	11 44	1 58	22 58	1 12	24 48	0 58	3 2	1 3	22 1	0 29	9 52	0 45	21 0	1 1	7 58	13 54	21 33	21 37	21 26			n.a.
W 3	20 47	18 1	3 55	11 16	2 7	22 46	1 14	24 48	0 59	3 5	1 3	22 1	0 29	9 51	0 45	21 1	1 1	7 57	13 53	21 33	21 38	21 26			n.a.
T 4	20 35	20 42	2 53	10 49	2 16	22 33	1 15	24 48	0 59	3 9	1 3	22 1	0 29	9 49	0 45	21 1	1 1	7 57	13 53	21 33	21 38	21 25			n.a.
F 5	20 22	22 2	1 39	10 22	2 25	22 20	1 16	24 47	1 0	3 12	1 3	22 1	0 28	9 48	0 45	21 1	1 1	7 56	13 52	21 33	21 39	21 25			n.a.
S 6	20 9	21 47	0 16	9 57	2 34	22 5	1 17	24 47	1 0	3 16	1 2	22 1	0 28	9 47	0 45	21 1	1 1	7 55	13 52	21 33	21 39	21 25			n.a.
S 7	19 56	19 57	1n 8	9 33	2 43	21 51	1 18	24 46	1 1	3 19	1 2	22 1	0 28	9 46	0 44	21 2	1 1	7 54	13 51	21 33	21 40	21 24			n.a.
M 8	19 42	16 42	2 26	9 10	2 52	21 35	1 19	24 45	1 1	3 23	1 2	22 0	0 28	9 44	0 44	21 2	1 1	7 53	13 51	21 33	21 40	21 24			n.a.
T 9	19 28	12 25	3 34	8 49	3 0	21 19	1 19	24 44	1 2	3 26	1 2	22 0	0 28	9 43	0 44	21 2	1 1	7 52	13 50	21 33	21 41	21 23			n.a.
W10	19 14	7 29	4 26	8 30	3 8	21 2	1 20	24 42	1 2	3 30	1 1	22 0	0 28	9 42	0 44	21 2	1 1	7 51	13 50	21 34	21 42	21 23			n.a.
T 11	18 59	2 19	5 0	8 12	3 15	20 45	1 21	24 41	1 3	3 34	1 1	22 0	0 28	9 40	0 44	21 2	1 1	7 50	13 49	21 34	21 42	21 22			n.a.
F 12	18 44	2s49	5 16	7 57	3 23	20 27	1 22	24 39	1 3	3 38	1 1	22 0	0 28	9 39	0 44	21 3	1 1	7 49	13 49	21 34	21 43	21 22			n.a.
S 13	18 28	7 38	5 14	7 44	3 29	20 8	1 22	24 37	1 3	3 42	1 1	22 0	0 27	9 38	0 44	21 3	1 1	7 48	13 48	21 34	21 43	21 21			n.a.
S 14	18 13	11 59	4 57	7 34	3 35	19 49	1 23	24 35	1 4	3 45	1 0	22 0	0 27	9 36	0 44	21 3	1 1	7 47	13 48	21 34	21 44	21 21			n.a.
M15	17 57	15 42	4 25	7 27	3 40	19 29	1 23	24 33	1 4	3 49	1 0	22 0	0 27	9 35	0 44	21 3	1 1	7 46	13 47	21 34	21 44	21 21			n.a.
T 16	17 40	18 39	3 43	7 23	3 45	19 9	1 23	24 30	1 5	3 53	1 0	22 0	0 27	9 34	0 44	21 3	1 1	7 45	13 47	21 34	21 45	21 20			n.a.
W17	17 24	20 45	2 51	7 22	3 48	18 48	1 24	24 28	1 5	3 57	1 0	22 0	0 27	9 32	0 44	21 4	1 1	7 44	13 46	21 33	21 45	21 20			n.a.
T 18	17 7	21 55	1 52	7 24	3 50	18 26	1 24	24 25	1 6	4 1	1 0	22 0	0 27	9 31	0 44	21 4	1 1	7 43	13 46	21 33	21 46	21 19			n.a.
F 19	16 49	22 5	0 49	7 31	3 51	18 4	1 24	24 22	1 6	4 5	0 59	22 0	0 27	9 30	0 44	21 4	1 1	7 42	13 45	21 33	21 47	21 19			n.a.
S 20	16 32	21 16	0s16	7 41	3 51	17 42	1 24	24 19	1 7	4 10	0 59	22 0	0 27	9 28	0 44	21 4	1 1	7 41	13 45	21 33	21 47	21 18			n.a.
S 21	16 14	19 30	1 20	7 56	3 48	17 19	1 24	24 16	1 7	4 14	0 59	22 0	0 26	9 27	0 44	21 4	1 1	7 40	13 44	21 33	21 48	21 18			n.a.
M22	15 56	16 53	2 21	8 15	3 45	16 55	1 24	24 12	1 8	4 18	0 59	22 0	0 26	9 26	0 44	21 4	1 1	7 39	13 44	21 33	21 48	21 17			n.a.
T 23	15 38	13 32	3 17	8 38	3 39	16 31	1 24	24 8	1 8	4 22	0 58	22 0	0 26	9 24	0 44	21 4	1 1	7 38	13 44	21 34	21 49	21 17			n.a.
W24	15 19	9 36	4 4	9 5	3 31	16 7	1 24	24 5	1 8	4 26	0 58	22 0	0 26	9 23	0 44	21 5	1 1	7 37	13 43	21 35	21 49	21 16			n.a.
T 25	15 0	5 14	4 40	9 35	3 21	15 42	1 24	24 1	1 9	4 31	0 58	22 0	0 26	9 21	0 44	21 5	1 1	7 36	13 43	21 36	21 50	21 16			n.a.
F 26	14 41	0 36	5 4	10 9	3 10	15 17	1 24	23 56	1 9	4 35	0 58	22 0	0 26	9 20	0 44	21 5	1 1	7 35	13 42	21 36	21 50	21 15			n.a.
S 27	14 21	4n 9	5 14	10 45	2 56	14 51	1 23	23 52	1 10	4 39	0 58	22 0	0 26	9 19	0 44	21 5	1 1	7 34	13 42	21 37	21 51	21 15			n.a.
S 28	14 2	8 48	5 7	11 23	2 40	14 25	1 23	23 48	1 10	4 44	0 57	22 1	0 26	9 17	0 44	21 5	1 1	7 33	13 41	21 37	21 51	21 14			n.a.
M29	13 42	13 10	4 45	12 2	2 23	13 58	1 23	23 43	1 11	4 48	0 57	22 1	0 25	9 16	0 44	21 5	1 1	7 32	13 41	21 38	21 52	21 13			n.a.
T 30	13 22	16 58	4 7	12 41	2 5	13 31	1 22	23 38	1 11	4 53	0 57	22 1	0 25	9 14	0 44	21 5	1 1	7 31	13 41	21 38	21 53	21 13			n.a.
W31	13n 1	19n56	3s13	13n19	1s45	13n 4	1n21	23n33	1n12	4s57	0n57	22s 1	0n25	9n13	0n44	21n 5	1s 1	7n30	13n40	21n37	21n53	21s12			n.a.

Julian Day Number = 1275665.5, Delta T = 08h12m57s
Ecliptic obliquity = 23°50'19, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'11, Lahiri = -20°48'11 Julian Calendar 1 Aug. 1221 BCE == Greg. Calendar 21 July 1221 BCE

The year -1220 astronomical counting style corresponds to year 1221 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1221 BCE
geocentric

SEPTEMBER 1221 BCE (-1220) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 56 31	27♌ 6'09	0♋39	19°R17	0♍51	20♋18	14♎43	10♐46	8♍31	8♊34	12♎38	24♋17	22♋41	29♉28	n.a.	T 1
F 2	22 0 28	28° 5'42	15°15	18♌29	2° 6	20°55	14°55	10°47	8°35	8°35	12°40	24°18	22°38	29°35	n.a.	F 2
S 3	22 4 25	29° 5'16	0♌ 6	17°50	3°22	21°32	15° 6	10°47	8°39	8°36	12°41	24°R18	22°35	29°42	n.a.	S 3
S 4	22 8 21	0♍ 4'53	15° 7	17°21	4°37	22° 9	15°17	10°48	8°42	8°36	12°43	24°16	22°32	29°48	n.a.	S 4
M 5	22 12 18	1° 4'32	0♍ 9	17° 2	5°52	22°47	15°28	10°49	8°46	8°37	12°45	24°13	22°29	29°55	n.a.	M 5
T 6	22 16 14	2° 4'13	15° 3	16°D55	7° 7	23°24	15°40	10°50	8°50	8°37	12°47	24° 8	22°25	0♒ 2	n.a.	T 6
W 7	22 20 11	3° 3'57	29°41	16°59	8°23	24° 1	15°51	10°51	8°54	8°38	12°49	24° 2	22°22	0° 8	n.a.	W 7
T 8	22 24 7	4° 3'42	13♎56	17°13	9°38	24°38	16° 3	10°52	8°57	8°38	12°51	23°56	22°19	0°15	n.a.	T 8
F 9	22 28 4	5° 3'29	27°45	17°38	10°53	25°15	16°15	10°54	9° 1	8°39	12°53	23°50	22°16	0°22	n.a.	F 9
S 10	22 32 0	6° 3'18	11♏ 5	18°13	12° 8	25°53	16°26	10°55	9° 5	8°39	12°55	23°46	22°13	0°28	n.a.	S 10
S 11	22 35 57	7° 3'09	23°58	18°56	13°24	26°30	16°38	10°56	9° 9	8°40	12°57	23°43	22°10	0°35	n.a.	S 11
M12	22 39 53	8° 3'02	6♐29	19°48	14°39	27° 7	16°50	10°58	9°13	8°40	12°59	23°D42	22° 6	0°42	n.a.	M12
T 13	22 43 50	9° 2'57	18°41	20°46	15°54	27°44	17° 2	11° 0	9°16	8°40	13° 1	23°42	22° 3	0°48	n.a.	T 13
W14	22 47 47	10° 2'53	0♑40	21°52	17° 9	28°21	17°14	11° 1	9°20	8°41	13° 3	23°44	22° 0	0°55	n.a.	W14
T 15	22 51 43	11° 2'52	12°30	23° 3	18°25	28°58	17°26	11° 3	9°24	8°41	13° 5	23°45	21°57	1° 2	n.a.	T 15
F 16	22 55 40	12° 2'52	24°17	24°19	19°40	29°35	17°38	11° 5	9°28	8°41	13° 8	23°R46	21°54	1° 8	n.a.	F 16
S 17	22 59 36	13° 2'54	6♒ 5	25°39	20°55	0♌12	17°51	11° 7	9°32	8°42	13°10	23°45	21°50	1°15	n.a.	S 17
S 18	23 3 33	14° 2'58	17°57	27° 3	22°11	0°49	18° 3	11° 9	9°35	8°42	13°12	23°41	21°47	1°21	n.a.	S 18
M19	23 7 29	15° 3'04	29°58	28°30	23°26	1°26	18°15	11°12	9°39	8°42	13°14	23°36	21°44	1°28	n.a.	M19
T 20	23 11 26	16° 3'12	12♓ 8	29°59	24°41	2° 3	18°28	11°14	9°43	8°42	13°16	23°28	21°41	1°35	n.a.	T 20
W21	23 15 22	17° 3'21	24°29	1♍31	25°56	2°40	18°40	11°17	9°47	8°42	13°18	23°19	21°38	1°41	n.a.	W21
T 22	23 19 19	18° 3'33	7♈ 1	3° 4	27°12	3°17	18°53	11°19	9°51	8°R42	13°21	23° 9	21°35	1°48	n.a.	T 22
F 23	23 23 15	19° 3'46	19°46	4°38	28°27	3°53	19° 5	11°22	9°54	8°42	13°23	22°58	21°31	1°55	n.a.	F 23
S 24	23 27 12	20° 4'02	2♉42	6°14	29°42	4°30	19°18	11°24	9°58	8°42	13°25	22°49	21°28	2° 1	n.a.	S 24
S 25	23 31 9	21° 4'20	15°51	7°51	0♎57	5° 7	19°31	11°27	10° 2	8°42	13°27	22°42	21°25	2° 8	n.a.	S 25
M26	23 35 5	22° 4'40	29°11	9°28	2°13	5°44	19°43	11°30	10° 6	8°42	13°30	22°37	21°22	2°15	n.a.	M26
T 27	23 39 2	23° 5'02	12♊45	11° 5	3°28	6°21	19°56	11°33	10° 9	8°42	13°32	22°34	21°19	2°21	n.a.	T 27
W28	23 42 58	24° 5'27	26°33	12°43	4°43	6°57	20° 9	11°36	10°13	8°41	13°34	22°D34	21°15	2°28	n.a.	W28
T 29	23 46 55	25° 5'54	10♋34	14°21	5°59	7°34	20°22	11°39	10°17	8°41	13°37	22°34	21°12	2°35	n.a.	T 29
F 30	23 50 51	26♍ 6'22	24♋50	15♍59	7♎14	8♌11	20♎35	11♐43	10♍20	8♊41	13♎39	22°R35	21♋ 9	2♒41	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n41	21n44	2s 6	13n56	1s25	12n37	1n21	23n28	1n12	5s 2	0n57	22s 1	0n25	9n11	0n44	21n 5	1s 1	7n29	13n40	21n37	21n54	21s12		n.a.
F 2	12 20	22 8	0 49	14 30	1 5	12 9	1 20	23 23	1 13	5 6	0 56	22 1	0 25	9 10	0 44	21 6	1 1	7 28	13 39	21 37	21 54	21 11		n.a.
S 3	11 59	20 59	0n32	15 2	0 45	11 40	1 19	23 17	1 13	5 11	0 56	22 2	0 25	9 9	0 44	21 6	1 1	7 27	13 39	21 37	21 55	21 11		n.a.
S 4	11 38	18 20	1 51	15 29	0 26	11 12	1 18	23 11	1 13	5 15	0 56	22 2	0 25	9 7	0 44	21 6	1 1	7 26	13 39	21 37	21 55	21 10		n.a.
M 5	11 16	14 27	3 3	15 53	0 7	10 43	1 18	23 6	1 14	5 20	0 56	22 2	0 25	9 6	0 44	21 6	1 1	7 25	13 38	21 38	21 56	21 10		n.a.
T 6	10 55	9 41	4 2	16 12	0n11	10 13	1 17	23 0	1 14	5 25	0 56	22 2	0 24	9 4	0 44	21 6	1 1	7 24	13 38	21 39	21 56	21 9		n.a.
W 7	10 33	4 26	4 43	16 27	0 28	9 44	1 16	22 53	1 15	5 29	0 56	22 3	0 24	9 3	0 44	21 6	1 1	7 22	13 38	21 40	21 57	21 8		n.a.
T 8	10 11	0s54	5 6	16 37	0 43	9 14	1 15	22 47	1 15	5 34	0 55	22 3	0 24	9 1	0 44	21 6	1 1	7 21	13 37	21 41	21 57	21 8		n.a.
F 9	9 49	6 2	5 10	16 42	0 57	8 44	1 13	22 41	1 16	5 39	0 55	22 3	0 24	9 0	0 44	21 6	1 1	7 20	13 37	21 42	21 58	21 7		n.a.
S 10	9 26	10 43	4 56	16 43	1 10	8 14	1 12	22 34	1 16	5 43	0 55	22 4	0 24	8 58	0 44	21 6	1 2	7 19	13 37	21 43	21 58	21 7		n.a.
S 11	9 4	14 45	4 28	16 40	1 21	7 43	1 11	22 27	1 17	5 48	0 55	22 4	0 24	8 57	0 44	21 6	1 2	7 18	13 36	21 43	21 59	21 6		n.a.
M12	8 41	18 0	3 48	16 33	1 30	7 13	1 10	22 21	1 17	5 53	0 55	22 4	0 24	8 56	0 44	21 6	1 2	7 17	13 36	21 43	21 59	21 5		n.a.
T 13	8 19	20 23	2 59	16 22	1 38	6 42	1 8	22 14	1 17	5 58	0 55	22 5	0 24	8 54	0 44	21 6	1 2	7 16	13 36	21 43	22 0	21 5		n.a.
W14	7 56	21 48	2 2	16 7	1 45	6 11	1 7	22 6	1 18	6 3	0 54	22 5	0 23	8 53	0 44	21 6	1 2	7 15	13 35	21 43	22 0	21 4		n.a.
T 15	7 33	22 14	1 1	15 48	1 51	5 39	1 5	21 59	1 18	6 7	0 54	22 5	0 23	8 51	0 44	21 6	1 2	7 14	13 35	21 43	22 1	21 3		n.a.
F 16	7 9	21 40	0s 3	15 27	1 56	5 8	1 4	21 52	1 19	6 12	0 54	22 6	0 23	8 50	0 44	21 6	1 2	7 13	13 35	21 43	22 2	21 3		n.a.
S 17	6 46	20 8	1 6	15 3	1 59	4 37	1 2	21 44	1 19	6 17	0 54	22 6	0 23	8 48	0 44	21 6	1 2	7 12	13 34	21 43	22 2	21 2		n.a.
S 18	6 23	17 43	2 7	14 36	2 1	4 5	1 1	21 36	1 20	6 22	0 54	22 7	0 23	8 47	0 44	21 6	1 2	7 10	13 34	21 43	22 3	21 2		n.a.
M19	5 59	14 31	3 2	14 6	2 3	3 33	0 59	21 28	1 20	6 27	0 54	22 7	0 23	8 45	0 44	21 6	1 2	7 9	13 34	21 44	22 3	21 1		n.a.
T 20	5 35	10 40	3 50	13 35	2 3	3 1	0 57	21 20	1 21	6 32	0 53	22 8	0 23	8 44	0 44	21 6	1 2	7 8	13 34	21 46	22 4	21 0		n.a.
W21	5 12	6 19	4 28	13 2	2 3	2 29	0 56	21 12	1 21	6 37	0 53	22 8	0 23	8 42	0 44	21 6	1 2	7 7	13 33	21 47	22 4	21 0		n.a.
T 22	4 48	1 39	4 53	12 27	2 2	1 57	0 54	21 4	1 21	6 42	0 53	22 8	0 22	8 41	0 44	21 6	1 2	7 6	13 33	21 49	22 5	20 59		n.a.
F 23	4 24	3n10	5 5	11 50	2 1	1 25	0 52	20 56	1 22	6 47	0 53	22 9	0 22	8 40	0 44	21 6	1 2	7 5	13 33	21 51	22 5	20 58		n.a.
S 24	4 0	7 55	5 1	11 12	1 59	0 53	0 50	20 47	1 22	6 52	0 53	22 9	0 22	8 38	0 44	21 6	1 2	7 4	13 32	21 52	22 6	20 58		n.a.
S 25	3 36	12 23	4 41	10 33	1 56	0 21	0 48	20 39	1 23	6 57	0 53	22 10	0 22	8 37	0 44	21 6	1 2	7 3	13 32	21 54	22 6	20 57		n.a.
M26	3 12	16 19	4 6	9 53	1 53	0s11	0 46	20 30	1 23	7 2	0 53	22 10	0 22	8 35	0 44	21 6	1 2	7 2	13 32	21 54	22 7	20 56		n.a.
T 27	2 47	19 28	3 16	9 12	1 49	0 44	0 44	20 21	1 24	7 7	0 52	22 11	0 22	8 34	0 44	21 6	1 2	7 1	13 32	21 55	22 7	20 55		n.a.
W28	2 23	21 33	2 14	8 31	1 45	1 16	0 42	20 12	1 24	7 12	0 52	22 12	0 22	8 32	0 44	21 6	1 2	7 0	13 32	21 55	22 8	20 55		n.a.
T 29	1 59	22 21	1 4	7 48	1 41	1 48	0 40	20 3	1 25	7 17	0 52	22 12	0 22	8 31	0 44	21 6	1 2	6 58	13 31	21 55	22 8	20 54		n.a.
F 30	1n34	21n43	0n12	7n 5	1n36	2s20	0n38	19n53	1n25	7s22	0n52	22s13	0n22	8n30	0n44	21n 6	1s 2	6n57	13n31	21n55	22n 9	20s53		n.a.

Julian Day Number = 1275696.5, Delta T = 08h12m55s
Ecliptic obliquity = 23°50'19, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'07, Lahiri = -20°48'07 Julian Calendar 1 Sept. 1221 BCE == Greg. Calendar 21 Aug. 1221 BCE

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ASTRODIENST EPHEMERIS for the year 1221 BCE
geocentric

OCTOBER 1221 BCE (-1220) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 54 48	27♍ 6'53	9♌19	17♍37	8♎29	8♌47	20♎48	11♐46	10♍24	8°R41	13♎41	22°R34	21♋ 6	2♒48	n.a.	S 1
S 2	23 58 44	28° 7'26	23°56	19°15	9°44	9°24	21° 1	11°49	10°28	8♊40	13°43	22♋30	21° 3	2°55	n.a.	S 2
M 3	0 2 41	29° 8'01	8♍37	20°53	11° 0	10° 1	21°14	11°53	10°31	8°40	13°46	22°24	21° 0	3° 1	n.a.	M 3
T 4	0 6 38	0♎ 8'37	23°16	22°31	12°15	10°37	21°27	11°57	10°35	8°40	13°48	22°15	20°56	3° 8	n.a.	T 4
W 5	0 10 34	1° 9'15	7♎43	24° 9	13°30	11°14	21°40	12° 0	10°39	8°39	13°51	22° 4	20°53	3°14	n.a.	W 5
T 6	0 14 31	2° 9'55	21°53	25°46	14°46	11°50	21°53	12° 4	10°42	8°39	13°53	21°52	20°50	3°21	n.a.	T 6
F 7	0 18 27	3°10'36	5♏40	27°23	16° 1	12°27	22° 6	12° 8	10°46	8°38	13°55	21°41	20°47	3°28	n.a.	F 7
S 8	0 22 24	4°11'19	19° 2	29° 0	17°16	13° 3	22°20	12°12	10°50	8°38	13°58	21°32	20°44	3°34	n.a.	S 8
S 9	0 26 20	5°12'03	1♐59	0♎37	18°31	13°40	22°33	12°16	10°53	8°37	14° 0	21°25	20°41	3°41	n.a.	S 9
M10	0 30 17	6°12'49	14°32	2°13	19°47	14°16	22°46	12°20	10°57	8°37	14° 2	21°20	20°37	3°48	n.a.	M10
T 11	0 34 13	7°13'36	26°46	3°49	21° 2	14°52	22°59	12°24	11° 0	8°36	14° 5	21°18	20°34	3°54	n.a.	T 11
W12	0 38 10	8°14'24	8♉45	5°25	22°17	15°29	23°13	12°29	11° 4	8°36	14° 7	21°D18	20°31	4° 1	n.a.	W12
T 13	0 42 7	9°15'13	20°36	7° 1	23°32	16° 5	23°26	12°33	11° 7	8°35	14°10	21°R18	20°28	4° 8	n.a.	T 13
F 14	0 46 3	10°16'03	2♒23	8°36	24°47	16°41	23°40	12°37	11°11	8°34	14°12	21°18	20°25	4°14	n.a.	F 14
S 15	0 50 0	11°16'55	14°12	10°11	26° 3	17°18	23°53	12°42	11°14	8°33	14°14	21°16	20°21	4°21	n.a.	S 15
S 16	0 53 56	12°17'48	26° 8	11°46	27°18	17°54	24° 6	12°47	11°17	8°33	14°17	21°11	20°18	4°28	n.a.	S 16
M17	0 57 53	13°18'41	8♓15	13°21	28°33	18°30	24°20	12°51	11°21	8°32	14°19	21° 4	20°15	4°34	n.a.	M17
T 18	1 1 49	14°19'36	20°36	14°56	29°48	19° 6	24°33	12°56	11°24	8°31	14°22	20°53	20°12	4°41	n.a.	T 18
W19	1 5 46	15°20'32	3♈12	16°31	1♏ 3	19°42	24°47	13° 1	11°28	8°30	14°24	20°41	20° 9	4°48	n.a.	W19
T 20	1 9 42	16°21'30	16° 3	18° 5	2°18	20°18	25° 0	13° 6	11°31	8°29	14°26	20°27	20° 6	4°54	n.a.	T 20
F 21	1 13 39	17°22'28	29°10	19°39	3°34	20°54	25°14	13°11	11°34	8°28	14°29	20°13	20° 2	5° 1	n.a.	F 21
S 22	1 17 36	18°23'28	12♉29	21°14	4°49	21°30	25°28	13°16	11°37	8°27	14°31	20° 1	19°59	5° 8	n.a.	S 22
S 23	1 21 32	19°24'29	26° 0	22°48	6° 4	22° 6	25°41	13°21	11°41	8°26	14°34	19°51	19°56	5°14	n.a.	S 23
M24	1 25 29	20°25'31	9♊40	24°22	7°19	22°42	25°55	13°26	11°44	8°25	14°36	19°44	19°53	5°21	n.a.	M24
T 25	1 29 25	21°26'35	23°27	25°56	8°34	23°18	26° 8	13°31	11°47	8°24	14°38	19°40	19°50	5°27	n.a.	T 25
W26	1 33 22	22°27'40	7♋21	27°30	9°49	23°54	26°22	13°36	11°50	8°23	14°41	19°38	19°47	5°34	n.a.	W26
T 27	1 37 18	23°28'46	21°20	29° 4	11° 4	24°30	26°36	13°42	11°53	8°22	14°43	19°38	19°43	5°41	n.a.	T 27
F 28	1 41 15	24°29'54	5♌25	0♏38	12°19	25° 6	26°49	13°47	11°56	8°21	14°46	19°37	19°40	5°47	n.a.	F 28
S 29	1 45 11	25°31'02	19°34	2°12	13°34	25°41	27° 3	13°53	11°59	8°20	14°48	19°36	19°37	5°54	n.a.	S 29
S 30	1 49 8	26°32'12	3♍48	3°46	14°49	26°17	27°17	13°58	12° 2	8°19	14°50	19°32	19°34	6° 1	n.a.	S 30
M31	1 53 5	27♎33'23	18♍ 2	5♏20	16♏ 5	26♌53	27♎30	14♐ 4	12♍ 5	8♊18	14♎53	19♋25	19♋31	6♒ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n10	19n38	1n28	6n22	1n31	2s52	0n36	19n44	1n25	7s27	0n52	22s13	0n21	8n28	0n44	21n 6	1s 2	6n56	13n31	21n55	22n 9	20s53		n.a.
S 2	0 45	16 15	2 39	5 38	1 26	3 24	0 34	19 35	1 26	7 32	0 52	22 14	0 21	8 27	0 44	21 6	1 2	6 55	13 31	21 56	22 10	20 52		n.a.
M 3	0 21	11 51	3 39	4 54	1 20	3 56	0 31	19 25	1 26	7 37	0 52	22 14	0 21	8 25	0 44	21 6	1 2	6 54	13 31	21 57	22 10	20 51		n.a.
T 4	0s 3	6 46	4 25	4 10	1 15	4 28	0 29	19 15	1 27	7 42	0 52	22 15	0 21	8 24	0 44	21 6	1 2	6 53	13 30	21 58	22 11	20 51		n.a.
W 5	0 28	1 22	4 53	3 25	1 9	5 0	0 27	19 5	1 27	7 47	0 51	22 16	0 21	8 23	0 44	21 6	1 2	6 52	13 30	22 0	22 11	20 50		n.a.
T 6	0 52	4s 0	5 2	2 40	1 3	5 32	0 25	18 55	1 28	7 52	0 51	22 16	0 21	8 21	0 44	21 5	1 2	6 51	13 30	22 2	22 12	20 49		n.a.
F 7	1 17	9 1	4 53	1 56	0 57	6 4	0 22	18 45	1 28	7 58	0 51	22 17	0 21	8 20	0 44	21 5	1 2	6 50	13 30	22 4	22 12	20 48		n.a.
S 8	1 41	13 28	4 29	1 11	0 51	6 35	0 20	18 35	1 29	8 3	0 51	22 18	0 21	8 18	0 44	21 5	1 2	6 49	13 30	22 5	22 13	20 48		n.a.
S 9	2 6	17 8	3 51	0 26	0 44	7 6	0 18	18 25	1 29	8 8	0 51	22 18	0 20	8 17	0 44	21 5	1 2	6 48	13 30	22 6	22 13	20 47		n.a.
M10	2 30	19 55	3 2	0s19	0 38	7 38	0 15	18 15	1 29	8 13	0 51	22 19	0 20	8 16	0 44	21 5	1 2	6 47	13 29	22 7	22 14	20 46		n.a.
T 11	2 55	21 41	2 6	1 4	0 32	8 9	0 13	18 4	1 30	8 18	0 51	22 19	0 20	8 14	0 44	21 5	1 2	6 46	13 29	22 7	22 14	20 45		n.a.
W12	3 19	22 27	1 6	1 48	0 25	8 39	0 10	17 54	1 30	8 23	0 51	22 20	0 20	8 13	0 44	21 5	1 2	6 45	13 29	22 7	22 15	20 44		n.a.
T 13	3 44	22 10	0 4	2 33	0 19	9 10	0 8	17 43	1 31	8 28	0 50	22 21	0 20	8 12	0 44	21 5	1 2	6 44	13 29	22 7	22 15	20 44		n.a.
F 14	4 8	20 54	0s59	3 17	0 12	9 40	0 5	17 32	1 31	8 33	0 50	22 22	0 20	8 10	0 44	21 5	1 2	6 43	13 29	22 7	22 16	20 43		n.a.
S 15	4 32	18 44	1 58	4 1	0 6	10 11	0 3	17 22	1 32	8 38	0 50	22 22	0 20	8 9	0 44	21 4	1 2	6 42	13 29	22 8	22 16	20 42		n.a.
S 16	4 56	15 44	2 53	4 45	0s 1	10 40	0 0	17 11	1 32	8 44	0 50	22 23	0 20	8 8	0 44	21 4	1 2	6 41	13 29	22 8	22 16	20 41		n.a.
M17	5 20	12 1	3 41	5 28	0 7	11 10	0s 2	17 0	1 32	8 49	0 50	22 24	0 20	8 7	0 44	21 4	1 2	6 40	13 29	22 10	22 17	20 41		n.a.
T 18	5 44	7 45	4 20	6 11	0 14	11 39	0 5	16 49	1 33	8 54	0 50	22 24	0 20	8 5	0 44	21 4	1 2	6 39	13 29	22 11	22 17	20 40		n.a.
W19	6 8	3 5	4 46	6 54	0 20	12 9	0 7	16 38	1 33	8 59	0 50	22 25	0 19	8 4	0 44	21 4	1 2	6 38	13 29	22 13	22 18	20 39		n.a.
T 20	6 32	1n50	4 59	7 37	0 27	12 37	0 10	16 26	1 34	9 4	0 50	22 26	0 19	8 3	0 44	21 4	1 2	6 37	13 29	22 15	22 18	20 38		n.a.
F 21	6 56	6 45	4 56	8 19	0 33	13 6	0 12	16 15	1 34	9 9	0 50	22 27	0 19	8 1	0 44	21 3	1 2	6 36	13 29	22 17	22 19	20 37		n.a.
S 22	7 20	11 26	4 38	9 1	0 39	13 34	0 15	16 4	1 35	9 14	0 50	22 27	0 19	8 0	0 44	21 3	1 2	6 35	13 28	22 19	22 19	20 36		n.a.
S 23	7 43	15 38	4 3	9 43	0 45	14 2	0 17	15 52	1 35	9 19	0 49	22 28	0 19	7 59	0 44	21 3	1 2	6 34	13 28	22 21	22 20	20 36		n.a.
M24	8 7	19 4	3 14	10 24	0 51	14 29	0 19	15 41	1 35	9 24	0 49	22 29	0 19	7 58	0 44	21 3	1 2	6 33	13 28	22 22	22 20	20 35		n.a.
T 25	8 30	21 27	2 14	11 4	0 57	14 56	0 22	15 29	1 36	9 30	0 49	22 30	0 19	7 57	0 44	21 3	1 2	6 32	13 28	22 22	22 21	20 34		n.a.
W26	8 53	22 33	1 5	11 44	1 3	15 23	0 24	15 17	1 36	9 35	0 49	22 30	0 19	7 55	0 45	21 3	1 2	6 31	13 28	22 23	22 21	20 33		n.a.
T 27	9 16	22 16	0n 9	12 24	1 9	15 49	0 27	15 6	1 37	9 40	0 49	22 31	0 19	7 54	0 45	21 2	1 3	6 30	13 28	22 23	22 22	20 32		n.a.
F 28	9 39	20 34	1 22	13 3	1 14	16 15	0 29	14 54	1 37	9 45	0 49	22 32	0 18	7 53	0 45	21 2	1 3	6 29	13 28	22 23	22 22	20 31		n.a.
S 29	10 2	17 35	2 31	13 41	1 20	16 41	0 32	14 42	1 38	9 50	0 49	22 33	0 18	7 52	0 45	21 2	1 3	6 28	13 28	22 23	22 23	20 31		n.a.
S 30	10 24	13 33	3 31	14 19	1 25	17 6	0 34	14 30	1 38	9 55	0 49	22 33	0 18	7 51	0 45	21 2	1 3	6 27	13 28	22 23	22 23	20 30		n.a.
M31	10s47	8n45	4n17	14s56	1s30	17s30	0s37	14n18	1n38	10s 0	0n49	22s34	0n18	7n50	0n45	21n 2	1s 3	6n27	13n28	22n24	22n24	20s29		n.a.

Julian Day Number = 1275726.5, Delta T = 08h12m54s
Ecliptic obliquity = 23°50'20, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°55'03, Lahiri = -20°48'02 Julian Calendar 1 Oct. 1221 BCE == Greg. Calendar 20 Sept. 1221 BCE

The year -1220 astronomical counting style corresponds to year 1221 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1221 BCE
geocentric

NOVEMBER 1221 BCE (-1220) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 57 1	28♎34'35	2♎13	6♏54	17♏20	27♌28	27♎44	14♐ 9	12♍ 8	8°R17	14♎55	19°R15	19♋27	6♒14	n.a.	T 1
W 2	2 0 58	29°35'48	16°16	8°28	18°35	28° 4	27°57	14°15	12°11	8♊15	14°57	19♋ 3	19°24	6°21	n.a.	W 2
T 3	2 4 54	0♏37'02	0♏ 6	10° 2	19°50	28°39	28°11	14°21	12°14	8°14	15° 0	18°50	19°21	6°27	n.a.	T 3
F 4	2 8 51	1°38'16	13°40	11°36	21° 5	29°15	28°25	14°27	12°17	8°13	15° 2	18°38	19°18	6°34	n.a.	F 4
S 5	2 12 47	2°39'31	26°53	13°10	22°20	29°50	28°38	14°33	12°19	8°11	15° 4	18°27	19°15	6°41	n.a.	S 5
S 6	2 16 44	3°40'47	9♐45	14°44	23°35	0♍26	28°52	14°39	12°22	8°10	15° 7	18°18	19°12	6°47	n.a.	S 6
M 7	2 20 40	4°42'03	22°17	16°17	24°50	1° 1	29° 6	14°45	12°25	8° 9	15° 9	18°13	19° 8	6°54	n.a.	M 7
T 8	2 24 37	5°43'19	4♑31	17°51	26° 5	1°36	29°19	14°51	12°28	8° 7	15°11	18°10	19° 5	7° 1	n.a.	T 8
W 9	2 28 34	6°44'36	16°31	19°25	27°20	2°12	29°33	14°57	12°30	8° 6	15°14	18°D 9	19° 2	7° 7	n.a.	W 9
T 10	2 32 30	7°45'53	28°23	20°58	28°35	2°47	29°47	15° 3	12°33	8° 5	15°16	18° 9	18°59	7°14	n.a.	T 10
F 11	2 36 27	8°47'09	10♒11	22°32	29°49	3°22	0♏ 0	15° 9	12°35	8° 3	15°18	18°R 9	18°56	7°21	n.a.	F 11
S 12	2 40 23	9°48'26	22° 0	24° 5	1♐ 4	3°57	0°14	15°15	12°38	8° 2	15°20	18° 8	18°52	7°27	n.a.	S 12
S 13	2 44 20	10°49'43	3♓58	25°37	2°19	4°32	0°27	15°22	12°40	8° 0	15°23	18° 6	18°49	7°34	n.a.	S 13
M14	2 48 16	11°51'01	16° 7	27° 9	3°34	5° 7	0°41	15°28	12°43	7°59	15°25	18° 0	18°46	7°41	n.a.	M14
T 15	2 52 13	12°52'18	28°33	28°40	4°49	5°42	0°54	15°34	12°45	7°57	15°27	17°53	18°43	7°47	n.a.	T 15
W16	2 56 10	13°53'35	11♈18	0♐11	6° 4	6°17	1° 8	15°41	12°47	7°56	15°29	17°43	18°40	7°54	n.a.	W16
T 17	3 0 6	14°54'52	24°24	1°40	7°19	6°51	1°21	15°47	12°50	7°54	15°31	17°32	18°37	8° 0	n.a.	T 17
F 18	3 4 3	15°56'09	7♉50	3° 8	8°33	7°26	1°35	15°54	12°52	7°53	15°34	17°20	18°33	8° 7	n.a.	F 18
S 19	3 7 59	16°57'26	21°33	4°35	9°48	8° 1	1°48	16° 0	12°54	7°51	15°36	17°10	18°30	8°14	n.a.	S 19
S 20	3 11 56	17°58'43	5♊30	6° 0	11° 3	8°35	2° 2	16° 7	12°56	7°50	15°38	17° 2	18°27	8°20	n.a.	S 20
M21	3 15 52	19° 0'01	19°37	7°23	12°18	9°10	2°15	16°13	12°58	7°48	15°40	16°56	18°24	8°27	n.a.	M21
T 22	3 19 49	20° 1'18	3♋50	8°43	13°32	9°44	2°28	16°20	13° 0	7°46	15°42	16°53	18°21	8°34	n.a.	T 22
W23	3 23 45	21° 2'36	18° 3	10° 0	14°47	10°19	2°42	16°27	13° 2	7°45	15°44	16°D52	18°18	8°40	n.a.	W23
T 24	3 27 42	22° 3'54	2♌16	11°13	16° 2	10°53	2°55	16°33	13° 4	7°43	15°46	16°53	18°14	8°47	n.a.	T 24
F 25	3 31 39	23° 5'12	16°25	12°23	17°16	11°27	3° 8	16°40	13° 6	7°42	15°48	16°R54	18°11	8°54	n.a.	F 25
S 26	3 35 35	24° 6'30	0♍29	13°27	18°31	12° 2	3°22	16°47	13° 8	7°40	15°50	16°54	18° 8	9° 0	n.a.	S 26
S 27	3 39 32	25° 7'48	14°28	14°26	19°46	12°36	3°35	16°54	13°10	7°38	15°52	16°52	18° 5	9° 7	n.a.	S 27
M28	3 43 28	26° 9'06	28°21	15°19	21° 0	13°10	3°48	17° 1	13°11	7°37	15°54	16°48	18° 2	9°14	n.a.	M28
T 29	3 47 25	27°10'24	12♎ 6	16° 4	22°15	13°44	4° 1	17° 7	13°13	7°35	15°56	16°42	17°58	9°20	n.a.	T 29
W30	3 51 21	28♏11'42	25♎41	16♐41	23♐30	14♍18	4♏14	17♐14	13♍15	7♊33	15♎58	16♋34	17♋55	9♒27	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 9	3n30	4n48	15s32	1s35	17s55	0s39	14n 6	1n39	10s 5	0n49	22s35	0n18	7n49	0n45	21n 1	1s 3	6n26	13n28	22n26	22n24	20s28		n.a.
W 2	11 31	1s53	5 0	16 8	1 40	18 18	0 41	13 54	1 39	10 10	0 49	22 36	0 18	7 47	0 45	21 1	1 3	6 25	13 29	22 28	22 25	20 27		n.a.
T 3	11 53	7 6	4 55	16 43	1 44	18 41	0 44	13 41	1 40	10 15	0 49	22 36	0 18	7 46	0 45	21 1	1 3	6 24	13 29	22 29	22 25	20 26		n.a.
F 4	12 14	11 52	4 33	17 17	1 48	19 4	0 46	13 29	1 40	10 20	0 48	22 37	0 18	7 45	0 45	21 1	1 3	6 23	13 29	22 31	22 25	20 25		n.a.
S 5	12 36	15 57	3 57	17 50	1 52	19 26	0 48	13 17	1 41	10 25	0 48	22 38	0 18	7 44	0 45	21 1	1 3	6 22	13 29	22 33	22 26	20 24		n.a.
S 6	12 57	19 10	3 9	18 22	1 56	19 48	0 51	13 5	1 41	10 30	0 48	22 39	0 18	7 43	0 45	21 0	1 3	6 21	13 29	22 34	22 26	20 24		n.a.
M 7	13 18	21 24	2 13	18 53	1 59	20 9	0 53	12 52	1 42	10 35	0 48	22 40	0 18	7 42	0 45	21 0	1 3	6 21	13 29	22 35	22 27	20 23		n.a.
T 8	13 39	22 34	1 12	19 23	2 2	20 29	0 55	12 40	1 42	10 40	0 48	22 40	0 17	7 41	0 45	21 0	1 3	6 20	13 29	22 35	22 27	20 22		n.a.
W 9	13 59	22 39	0 9	19 53	2 5	20 49	0 57	12 27	1 42	10 45	0 48	22 41	0 17	7 40	0 45	21 0	1 3	6 19	13 29	22 35	22 28	20 21		n.a.
T 10	14 20	21 43	0s54	20 21	2 7	21 9	1 0	12 15	1 43	10 50	0 48	22 42	0 17	7 39	0 45	20 59	1 3	6 18	13 29	22 35	22 28	20 20		n.a.
F 11	14 40	19 49	1 55	20 47	2 9	21 27	1 2	12 2	1 43	10 55	0 48	22 43	0 17	7 38	0 45	20 59	1 3	6 18	13 29	22 35	22 29	20 19		n.a.
S 12	15 0	17 5	2 50	21 13	2 11	21 45	1 4	11 50	1 44	11 0	0 48	22 44	0 17	7 37	0 45	20 59	1 3	6 17	13 29	22 35	22 29	20 18		n.a.
S 13	15 19	13 36	3 39	21 37	2 12	22 3	1 6	11 37	1 44	11 4	0 48	22 44	0 17	7 36	0 45	20 59	1 3	6 16	13 29	22 36	22 30	20 17		n.a.
M14	15 39	9 31	4 18	22 0	2 12	22 20	1 8	11 25	1 44	11 9	0 48	22 45	0 17	7 35	0 45	20 58	1 3	6 15	13 30	22 36	22 30	20 16		n.a.
T 15	15 58	4 57	4 47	22 21	2 12	22 36	1 10	11 12	1 45	11 14	0 48	22 46	0 17	7 35	0 45	20 58	1 3	6 15	13 30	22 37	22 30	20 15		n.a.
W16	16 16	0 4	5 2	22 40	2 12	22 51	1 12	10 59	1 45	11 19	0 48	22 47	0 17	7 34	0 45	20 58	1 3	6 14	13 30	22 39	22 31	20 14		n.a.
T 17	16 35	4n57	5 1	22 58	2 11	23 6	1 14	10 46	1 46	11 24	0 48	22 47	0 17	7 33	0 45	20 58	1 3	6 13	13 30	22 40	22 31	20 13		n.a.
F 18	16 53	9 52	4 45	23 14	2 9	23 20	1 15	10 34	1 46	11 29	0 48	22 48	0 17	7 32	0 45	20 57	1 3	6 13	13 30	22 42	22 32	20 12		n.a.
S 19	17 11	14 25	4 11	23 29	2 6	23 34	1 17	10 21	1 47	11 33	0 48	22 49	0 16	7 31	0 45	20 57	1 3	6 12	13 30	22 43	22 32	20 11		n.a.
S 20	17 28	18 16	3 22	23 41	2 3	23 47	1 19	10 8	1 47	11 38	0 48	22 50	0 16	7 30	0 45	20 57	1 3	6 11	13 31	22 44	22 33	20 10		n.a.
M21	17 46	21 5	2 21	23 52	1 59	23 59	1 21	9 55	1 47	11 43	0 47	22 51	0 16	7 30	0 45	20 57	1 3	6 11	13 31	22 45	22 33	20 9		n.a.
T 22	18 2	22 38	1 9	24 0	1 54	24 10	1 22	9 42	1 48	11 48	0 47	22 51	0 16	7 29	0 45	20 56	1 3	6 10	13 31	22 45	22 33	20 8		n.a.
W23	18 19	22 42	0n 6	24 6	1 48	24 21	1 24	9 30	1 48	11 52	0 47	22 52	0 16	7 28	0 45	20 56	1 3	6 9	13 31	22 45	22 34	20 7		n.a.
T 24	18 35	21 19	1 22	24 10	1 41	24 31	1 25	9 17	1 49	11 57	0 47	22 53	0 16	7 27	0 45	20 56	1 3	6 9	13 31	22 45	22 34	20 6		n.a.
F 25	18 51	18 35	2 32	24 12	1 34	24 40	1 27	9 4	1 49	12 1	0 47	22 54	0 16	7 27	0 45	20 56	1 3	6 8	13 31	22 45	22 35	20 5		n.a.
S 26	19 7	14 47	3 32	24 12	1 25	24 48	1 28	8 51	1 50	12 6	0 47	22 54	0 16	7 26	0 45	20 55	1 3	6 8	13 32	22 45	22 35	20 4		n.a.
S 27	19 22	10 12	4 20	24 9	1 14	24 56	1 30	8 38	1 50	12 11	0 47	22 55	0 16	7 25	0 46	20 55	1 3	6 7	13 32	22 45	22 36	20 3		n.a.
M28	19 37	5 7	4 52	24 4	1 3	25 2	1 31	8 25	1 50	12 15	0 47	22 56	0 16	7 25	0 46	20 55	1 3	6 6	13 32	22 46	22 36	20 2		n.a.
T 29	19 51	0s10	5 6	23 56	0 51	25 9	1 32	8 12	1 51	12 20	0 47	22 57	0 16	7 24	0 46	20 55	1 3	6 6	13 32	22 47	22 37	20 1		n.a.
W30	20s 5	5s23	5n 3	23s46	0s37	25s14	1s33	7n59	1n51	12s24	0n47	22s57	0n15	7n23	0n46	20n54	1s 3	6n 5	13n33	22n48	22n37	20s 0		n.a.

Julian Day Number = 1275757.5, Delta T = 08h12m52s
Ecliptic obliquity = 23°50'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'59, Lahiri = -20°47'58 Julian Calendar 1 Nov. 1221 BCE == Greg. Calendar 21 Oct. 1221 BCE

The year -1220 astronomical counting style corresponds to year 1221 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1221 BCE
geocentric

DECEMBER 1221 BCE (-1220) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 55 18	29♏13'00	9♏ 4	17♐ 9	24♐44	14♍52	4♏27	17♐21	13♍16	7°R32	16♎ 0	16°R25	17♋52	9♒34	n.a.	T 1
F 2	3 59 14	0♐14'17	22°14	17°27	25°59	15°25	4°40	17°28	13°18	7♊30	16° 2	16♋16	17°49	9°40	n.a.	F 2
S 3	4 3 11	1°15'34	5♐ 9	17°R34	27°13	15°59	4°53	17°35	13°19	7°28	16° 4	16° 9	17°46	9°47	n.a.	S 3
S 4	4 7 8	2°16'51	17°48	17°30	28°28	16°33	5° 6	17°42	13°21	7°27	16° 6	16° 3	17°43	9°54	n.a.	S 4
M 5	4 11 4	3°18'06	0♑12	17°14	29°42	17° 6	5°19	17°49	13°22	7°25	16° 7	15°59	17°39	10° 0	n.a.	M 5
T 6	4 15 1	4°19'21	12°21	16°46	0♑57	17°40	5°32	17°56	13°23	7°23	16° 9	15°D58	17°36	10° 7	n.a.	T 6
W 7	4 18 57	5°20'36	24°20	16° 7	2°11	18°13	5°45	18° 3	13°25	7°22	16°11	15°58	17°33	10°14	n.a.	W 7
T 8	4 22 54	6°21'49	6♒11	15°17	3°25	18°46	5°57	18°10	13°26	7°20	16°13	16° 0	17°30	10°20	n.a.	T 8
F 9	4 26 50	7°23'01	17°59	14°18	4°40	19°19	6°10	18°17	13°27	7°18	16°14	16° 1	17°27	10°27	n.a.	F 9
S 10	4 30 47	8°24'13	29°48	13°11	5°54	19°52	6°23	18°24	13°28	7°16	16°16	16° 3	17°24	10°34	n.a.	S 10
S 11	4 34 44	9°25'23	11♓44	11°58	7° 8	20°25	6°35	18°31	13°29	7°15	16°18	16°R 3	17°20	10°40	n.a.	S 11
M12	4 38 40	10°26'32	23°53	10°42	8°22	20°58	6°48	18°39	13°30	7°13	16°19	16° 2	17°17	10°47	n.a.	M12
T 13	4 42 37	11°27'40	6♈18	9°24	9°37	21°31	7° 0	18°46	13°31	7°11	16°21	15°59	17°14	10°54	n.a.	T 13
W14	4 46 33	12°28'46	19° 4	8° 8	10°51	22° 4	7°13	18°53	13°32	7°10	16°22	15°55	17°11	11° 0	n.a.	W14
T 15	4 50 30	13°29'52	2♉13	6°55	12° 5	22°36	7°25	19° 0	13°33	7° 8	16°24	15°50	17° 8	11° 7	n.a.	T 15
F 16	4 54 26	14°30'56	15°47	5°47	13°19	23° 9	7°37	19° 7	13°34	7° 6	16°26	15°45	17° 4	11°14	n.a.	F 16
S 17	4 58 23	15°32'00	29°45	4°47	14°33	23°41	7°49	19°14	13°34	7° 5	16°27	15°40	17° 1	11°20	n.a.	S 17
S 18	5 2 19	16°33'02	14♊ 2	3°53	15°47	24°13	8° 2	19°21	13°35	7° 3	16°28	15°36	16°58	11°27	n.a.	S 18
M19	5 6 16	17°34'03	28°34	3° 9	17° 1	24°46	8°14	19°29	13°36	7° 1	16°30	15°34	16°55	11°34	n.a.	M19
T 20	5 10 13	18°35'03	13♋15	2°33	18°15	25°18	8°26	19°36	13°36	7° 0	16°31	15°D33	16°52	11°40	n.a.	T 20
W21	5 14 9	19°36'02	27°56	2° 6	19°29	25°50	8°38	19°43	13°37	6°58	16°33	15°33	16°49	11°47	n.a.	W21
T 22	5 18 6	20°37'00	12♌34	1°48	20°43	26°21	8°50	19°50	13°37	6°56	16°34	15°35	16°45	11°53	n.a.	T 22
F 23	5 22 2	21°37'57	27° 1	1°38	21°57	26°53	9° 1	19°57	13°38	6°55	16°35	15°36	16°42	12° 0	n.a.	F 23
S 24	5 25 59	22°38'53	11♍16	1°D36	23°10	27°25	9°13	20° 4	13°38	6°53	16°37	15°37	16°39	12° 7	n.a.	S 24
S 25	5 29 55	23°39'48	25°16	1°42	24°24	27°56	9°25	20°12	13°38	6°51	16°38	15°R38	16°36	12°13	n.a.	S 25
M26	5 33 52	24°40'42	9♎ 0	1°55	25°38	28°28	9°36	20°19	13°38	6°50	16°39	15°37	16°33	12°20	n.a.	M26
T 27	5 37 49	25°41'35	22°29	2°15	26°51	28°59	9°48	20°26	13°38	6°48	16°40	15°35	16°30	12°27	n.a.	T 27
W28	5 41 45	26°42'26	5♏43	2°40	28° 5	29°30	9°59	20°33	13°39	6°47	16°41	15°33	16°26	12°33	n.a.	W28
T 29	5 45 42	27°43'17	18°42	3°11	29°18	0♎ 1	10°10	20°40	13°R39	6°45	16°43	15°30	16°23	12°40	n.a.	T 29
F 30	5 49 38	28°44'06	1♐28	3°47	0♒32	0°32	10°22	20°47	13°39	6°43	16°44	15°27	16°20	12°47	n.a.	F 30
S 31	5 53 35	29♐44'54	14♐ 2	4♐27	1♒45	1♎ 2	10♏33	20♐54	13♍39	6♊42	16♎45	15♋25	16♋17	12♒53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s19	10s17	4n44	23s34	0s22	25s18	1s35	7n46	1n52	12s29	0n47	22s58	0n15	7n23	0n46	20n54	1s 3	6n 5	13n33	22n49	22n37	19s59			n.a.
F 2	20 32	14 37	4 9	23 20	0 6	25 22	1 36	7 33	1 52	12 33	0 47	22 59	0 15	7 22	0 46	20 54	1 3	6 4	13 33	22 50	22 38	19 58			n.a.
S 3	20 45	18 12	3 23	23 3	0n12	25 25	1 37	7 20	1 52	12 38	0 47	23 0	0 15	7 22	0 46	20 53	1 3	6 4	13 33	22 51	22 38	19 57			n.a.
S 4	20 58	20 50	2 27	22 45	0 30	25 27	1 38	7 7	1 53	12 42	0 47	23 0	0 15	7 21	0 46	20 53	1 3	6 3	13 34	22 51	22 39	19 56			n.a.
M 5	21 10	22 26	1 25	22 24	0 49	25 29	1 38	6 55	1 53	12 47	0 47	23 1	0 15	7 21	0 46	20 53	1 3	6 3	13 34	22 52	22 39	19 55			n.a.
T 6	21 22	22 56	0 20	22 2	1 8	25 29	1 39	6 42	1 54	12 51	0 47	23 2	0 15	7 20	0 46	20 53	1 3	6 3	13 34	22 52	22 40	19 54			n.a.
W 7	21 33	22 21	0s45	21 39	1 28	25 29	1 40	6 29	1 54	12 55	0 47	23 3	0 15	7 20	0 46	20 52	1 3	6 2	13 34	22 52	22 40	19 53			n.a.
T 8	21 44	20 47	1 48	21 14	1 47	25 28	1 41	6 16	1 54	13 0	0 47	23 3	0 15	7 19	0 46	20 52	1 3	6 2	13 35	22 52	22 40	19 52			n.a.
F 9	21 54	18 19	2 46	20 49	2 6	25 26	1 41	6 3	1 55	13 4	0 47	23 4	0 15	7 19	0 46	20 52	1 3	6 1	13 35	22 52	22 41	19 51			n.a.
S 10	22 4	15 6	3 36	20 23	2 23	25 24	1 42	5 50	1 55	13 8	0 47	23 5	0 15	7 19	0 46	20 52	1 3	6 1	13 35	22 51	22 41	19 50			n.a.
S 11	22 14	11 14	4 18	19 58	2 40	25 21	1 42	5 37	1 56	13 12	0 47	23 5	0 15	7 18	0 46	20 51	1 3	6 1	13 35	22 51	22 42	19 49			n.a.
M12	22 23	6 53	4 49	19 33	2 54	25 16	1 42	5 25	1 56	13 16	0 47	23 6	0 14	7 18	0 46	20 51	1 3	6 0	13 36	22 51	22 42	19 48			n.a.
T 13	22 32	2 10	5 8	19 10	3 6	25 12	1 43	5 12	1 56	13 21	0 47	23 7	0 14	7 18	0 46	20 51	1 3	6 0	13 36	22 52	22 42	19 47			n.a.
W14	22 40	2n47	5 12	18 48	3 16	25 6	1 43	4 59	1 57	13 25	0 47	23 8	0 14	7 17	0 46	20 50	1 3	6 0	13 36	22 52	22 43	19 46			n.a.
T 15	22 48	7 46	5 0	18 29	3 24	24 59	1 43	4 46	1 57	13 29	0 47	23 8	0 14	7 17	0 46	20 50	1 3	5 59	13 37	22 53	22 43	19 44			n.a.
F 16	22 55	12 31	4 31	18 12	3 29	24 52	1 43	4 34	1 58	13 33	0 47	23 9	0 14	7 17	0 46	20 50	1 3	5 59	13 37	22 53	22 44	19 43			n.a.
S 17	23 2	16 46	3 45	17 59	3 31	24 44	1 43	4 21	1 58	13 37	0 47	23 10	0 14	7 16	0 46	20 50	1 2	5 59	13 37	22 54	22 44	19 42			n.a.
S 18	23 9	20 9	2 44	17 49	3 32	24 36	1 43	4 8	1 58	13 41	0 47	23 10	0 14	7 16	0 46	20 49	1 2	5 59	13 38	22 55	22 44	19 41			n.a.
M19	23 15	22 18	1 32	17 41	3 31	24 26	1 43	3 56	1 59	13 45	0 47	23 11	0 14	7 16	0 46	20 49	1 2	5 58	13 38	22 55	22 45	19 40			n.a.
T 20	23 20	22 57	0 13	17 37	3 28	24 16	1 43	3 43	1 59	13 49	0 47	23 12	0 14	7 16	0 46	20 49	1 2	5 58	13 38	22 55	22 45	19 39			n.a.
W21	23 25	22 1	1n 8	17 37	3 23	24 5	1 42	3 31	2 0	13 53	0 47	23 12	0 14	7 16	0 46	20 49	1 2	5 58	13 39	22 55	22 46	19 38			n.a.
T 22	23 30	19 36	2 23	17 39	3 17	23 53	1 42	3 18	2 0	13 57	0 47	23 13	0 14	7 16	0 47	20 48	1 2	5 58	13 39	22 55	22 46	19 37			n.a.
F 23	23 34	15 58	3 29	17 44	3 10	23 41	1 41	3 6	2 0	14 0	0 47	23 13	0 14	7 15	0 47	20 48	1 2	5 58	13 39	22 55	22 46	19 35			n.a.
S 24	23 38	11 28	4 21	17 51	3 3	23 28	1 41	2 53	2 1	14 4	0 47	23 14	0 14	7 15	0 47	20 48	1 2	5 57	13 40	22 54	22 47	19 34			n.a.
S 25	23 41	6 25	4 56	18 0	2 54	23 14	1 40	2 41	2 1	14 8	0 47	23 15	0 14	7 15	0 47	20 48	1 2	5 57	13 40	22 54	22 47	19 33			n.a.
M26	23 44	1 10	5 13	18 12	2 45	23 0	1 39	2 28	2 1	14 12	0 47	23 15	0 13	7 15	0 47	20 47	1 2	5 57	13 40	22 54	22 48	19 32			n.a.
T 27	23 46	4s 3	5 13	18 25	2 36	22 45	1 39	2 16	2 2	14 15	0 47	23 16	0 13	7 15	0 47	20 47	1 2	5 57	13 41	22 55	22 48	19 31			n.a.
W28	23 48	9 0	4 56	18 40	2 26	22 29	1 38	2 4	2 2	14 19	0 47	23 16	0 13	7 15	0 47	20 47	1 2	5 57	13 41	22 55	22 48	19 30			n.a.
T 29	23 49	13 27	4 24	18 55	2 16	22 13	1 37	1 52	2 2	14 23	0 47	23 17	0 13	7 15	0 47	20 47	1 2	5 57	13 42	22 55	22 49	19 28			n.a.
F 30	23 50	17 13	3 40	19 12	2 6	21 56	1 36	1 40	2 3	14 26	0 47	23 18	0 13	7 15	0 47	20 46	1 2	5 57	13 42	22 56	22 49	19 27			n.a.
S 31	23s50	20s 8	2n45	19s30	1n55	21s38	1s35	1n28	2n 3	14s30	0n47	23s18	0n13	7n15	0n47	20n46	1s 2	5n57	13n42	22n56	22n50	19s26			n.a.

Julian Day Number = 1275787.5, Delta T = 08h12m50s
Ecliptic obliquity = 23°50'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'55, Lahiri = -20°47'54 Julian Calendar 1 Dec. 1221 BCE == Greg. Calendar 20 Nov. 1221 BCE

The year -1220 astronomical counting style corresponds to year 1221 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1220 BCE
geocentric

JANUARY 1220 BCE (-1219) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 57 31	0♉45'40	26♐23	5♐12	2♒59	1♎33	10♏44	21♐ 1	13°R38	6°R40	16♎46	15°R23	16♋14	13♒ 0	n.a.	S 1
M 2	6 1 28	1°46'25	8♉34	6° 1	4°12	2° 3	10°55	21° 9	13♍38	6♊39	16°47	15♋23	16°10	13° 7	n.a.	M 2
T 3	6 5 24	2°47'09	20°36	6°53	5°25	2°33	11° 6	21°16	13°38	6°37	16°48	15°D23	16° 7	13°13	n.a.	T 3
W 4	6 9 21	3°47'51	2♒30	7°48	6°39	3° 3	11°17	21°23	13°38	6°36	16°49	15°23	16° 4	13°20	n.a.	W 4
T 5	6 13 18	4°48'30	14°20	8°46	7°52	3°33	11°27	21°30	13°37	6°34	16°49	15°24	16° 1	13°27	n.a.	T 5
F 6	6 17 14	5°49'08	26° 8	9°47	9° 5	4° 3	11°38	21°37	13°37	6°33	16°50	15°25	15°58	13°33	n.a.	F 6
S 7	6 21 11	6°49'45	7♓57	10°51	10°18	4°33	11°48	21°44	13°37	6°32	16°51	15°26	15°55	13°40	n.a.	S 7
S 8	6 25 7	7°50'19	19°53	11°57	11°31	5° 2	11°59	21°51	13°36	6°30	16°52	15°27	15°51	13°47	n.a.	S 8
M 9	6 29 4	8°50'51	1♈59	13° 5	12°44	5°31	12° 9	21°58	13°35	6°29	16°53	15°27	15°48	13°53	n.a.	M 9
T 10	6 33 0	9°51'21	14°21	14°15	13°57	6° 0	12°19	22° 5	13°35	6°27	16°53	15°R27	15°45	14° 0	n.a.	T 10
W11	6 36 57	10°51'49	27° 1	15°27	15°10	6°29	12°30	22°12	13°34	6°26	16°54	15°27	15°42	14° 7	n.a.	W11
T 12	6 40 53	11°52'15	10♉ 6	16°40	16°22	6°58	12°40	22°19	13°33	6°25	16°55	15°27	15°39	14°13	n.a.	T 12
F 13	6 44 50	12°52'39	23°36	17°56	17°35	7°26	12°49	22°25	13°33	6°23	16°55	15°26	15°36	14°20	n.a.	F 13
S 14	6 48 47	13°53'01	7♊33	19°13	18°47	7°55	12°59	22°32	13°32	6°22	16°56	15°26	15°32	14°27	n.a.	S 14
S 15	6 52 43	14°53'21	21°56	20°31	20° 0	8°23	13° 9	22°39	13°31	6°21	16°56	15°D26	15°29	14°33	n.a.	S 15
M16	6 56 40	15°53'39	6♋40	21°51	21°12	8°51	13°18	22°46	13°30	6°20	16°57	15°26	15°26	14°40	n.a.	M16
T 17	7 0 36	16°53'55	21°38	23°13	22°25	9°18	13°28	22°53	13°29	6°18	16°57	15°R26	15°23	14°47	n.a.	T 17
W18	7 4 33	17°54'09	6♌44	24°35	23°37	9°46	13°37	22°59	13°28	6°17	16°58	15°26	15°20	14°53	n.a.	W18
T 19	7 8 29	18°54'21	21°47	25°59	24°49	10°13	13°46	23° 6	13°27	6°16	16°58	15°26	15°16	15° 0	n.a.	T 19
F 20	7 12 26	19°54'31	6♍38	27°24	26° 1	10°40	13°56	23°13	13°26	6°15	16°59	15°25	15°13	15° 7	n.a.	F 20
S 21	7 16 22	20°54'40	21°13	28°51	27°13	11° 7	14° 5	23°19	13°25	6°14	16°59	15°25	15°10	15°13	n.a.	S 21
S 22	7 20 19	21°54'46	5♎26	0♉19	28°25	11°34	14°13	23°26	13°23	6°13	16°59	15°24	15° 7	15°20	n.a.	S 22
M23	7 24 16	22°54'51	19°15	1°47	29°37	12° 0	14°22	23°33	13°22	6°12	16°59	15°D24	15° 4	15°27	n.a.	M23
T 24	7 28 12	23°54'55	2♏41	3°17	0♓49	12°26	14°31	23°39	13°21	6°11	17° 0	15°24	15° 1	15°33	n.a.	T 24
W25	7 32 9	24°54'56	15°46	4°49	2° 0	12°52	14°39	23°46	13°19	6°10	17° 0	15°25	14°57	15°40	n.a.	W25
T 26	7 36 5	25°54'56	28°31	6°21	3°12	13°18	14°48	23°52	13°18	6° 9	17° 0	15°25	14°54	15°47	n.a.	T 26
F 27	7 40 2	26°54'54	11♐ 1	7°54	4°23	13°43	14°56	23°59	13°17	6° 8	17° 0	15°27	14°51	15°53	n.a.	F 27
S 28	7 43 58	27°54'50	23°18	9°29	5°35	14° 8	15° 4	24° 5	13°15	6° 7	17° 0	15°28	14°48	16° 0	n.a.	S 28
S 29	7 47 55	28°54'44	5♉24	11° 5	6°46	14°33	15°12	24°11	13°14	6° 6	17° 0	15°28	14°45	16° 7	n.a.	S 29
M30	7 51 51	29°54'37	17°23	12°42	7°57	14°58	15°20	24°18	13°12	6° 5	17°R 0	15°R29	14°42	16°13	n.a.	M30
T 31	7 55 48	0♒54'27	29♉16	14♉20	9♓ 8	15♎22	15♏27	24♐24	13♍10	6♊ 4	17♎ 0	15♋28	14♋38	16♒20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s50	22s 4	1n43	19s48	1n45	21s20	1s33	1n15	2n 4	14s33	0n47	23s19	0n13	7n15	0n47	20n46	1s 2	5n57	13n43	22n56	22n50	19s25			n.a.
M 2	23 50	22 56	0 38	20 7	1 35	21 1	1 32	1 4	2 4	14 37	0 47	23 19	0 13	7 16	0 47	20 46	1 2	5 57	13 43	22 56	22 50	19 24			n.a.
T 3	23 49	22 42	0s29	20 26	1 25	20 42	1 31	0 52	2 4	14 40	0 47	23 20	0 13	7 16	0 47	20 45	1 2	5 57	13 43	22 56	22 51	19 23			n.a.
W 4	23 47	21 27	1 34	20 45	1 14	20 22	1 29	0 40	2 5	14 44	0 47	23 20	0 13	7 16	0 47	20 45	1 2	5 57	13 44	22 56	22 51	19 21			n.a.
T 5	23 45	19 15	2 34	21 4	1 4	20 1	1 28	0 28	2 5	14 47	0 47	23 21	0 13	7 16	0 47	20 45	1 2	5 57	13 44	22 56	22 52	19 20			n.a.
F 6	23 42	16 16	3 28	21 24	0 54	19 40	1 26	0 16	2 5	14 50	0 47	23 21	0 13	7 16	0 47	20 45	1 2	5 57	13 45	22 56	22 52	19 19			n.a.
S 7	23 40	12 37	4 12	21 42	0 45	19 18	1 25	0 5	2 5	14 53	0 47	23 22	0 13	7 16	0 47	20 45	1 2	5 57	13 45	22 56	22 52	19 18			n.a.
S 8	23 36	8 27	4 47	22 1	0 35	18 56	1 23	0s 7	2 6	14 57	0 47	23 23	0 12	7 17	0 47	20 44	1 2	5 57	13 45	22 56	22 53	19 16			n.a.
M 9	23 32	3 55	5 9	22 19	0 26	18 34	1 21	0 18	2 6	15 0	0 47	23 23	0 12	7 17	0 47	20 44	1 2	5 57	13 46	22 56	22 53	19 15			n.a.
T 10	23 28	0n52	5 18	22 37	0 16	18 11	1 19	0 30	2 6	15 3	0 47	23 24	0 12	7 17	0 47	20 44	1 2	5 57	13 46	22 56	22 53	19 14			n.a.
W11	23 23	5 45	5 11	22 54	0 7	17 47	1 17	0 41	2 7	15 6	0 47	23 24	0 12	7 17	0 47	20 44	1 2	5 57	13 47	22 56	22 54	19 13			n.a.
T 12	23 18	10 31	4 49	23 11	0s 1	17 23	1 15	0 52	2 7	15 9	0 47	23 24	0 12	7 18	0 47	20 44	1 2	5 57	13 47	22 56	22 54	19 12			n.a.
F 13	23 12	14 57	4 10	23 27	0 10	16 58	1 13	1 3	2 7	15 12	0 47	23 25	0 12	7 18	0 47	20 43	1 2	5 57	13 47	22 56	22 55	19 10			n.a.
S 14	23 6	18 43	3 16	23 42	0 18	16 33	1 11	1 14	2 8	15 15	0 47	23 25	0 12	7 18	0 47	20 43	1 2	5 57	13 48	22 56	22 55	19 9			n.a.
S 15	22 59	21 28	2 7	23 56	0 26	16 8	1 8	1 25	2 8	15 18	0 47	23 26	0 12	7 19	0 47	20 43	1 2	5 58	13 48	22 56	22 55	19 8			n.a.
M16	22 52	22 52	0 49	24 9	0 34	15 42	1 6	1 36	2 8	15 21	0 47	23 26	0 12	7 19	0 48	20 43	1 2	5 58	13 48	22 56	22 56	19 6			n.a.
T 17	22 45	22 38	0n34	24 21	0 42	15 16	1 3	1 47	2 8	15 24	0 47	23 27	0 12	7 20	0 48	20 43	1 2	5 58	13 49	22 56	22 56	19 5			n.a.
W18	22 37	20 46	1 56	24 32	0 49	14 50	1 1	1 58	2 9	15 27	0 47	23 27	0 12	7 20	0 48	20 42	1 2	5 58	13 49	22 56	22 56	19 4			n.a.
T 19	22 29	17 27	3 9	24 43	0 56	14 23	0 58	2 9	2 9	15 30	0 47	23 28	0 12	7 21	0 48	20 42	1 2	5 58	13 50	22 56	22 57	19 3			n.a.
F 20	22 20	13 3	4 8	24 51	1 3	13 56	0 56	2 19	2 9	15 32	0 47	23 28	0 12	7 21	0 48	20 42	1 2	5 59	13 50	22 56	22 57	19 1			n.a.
S 21	22 11	7 58	4 50	24 59	1 9	13 28	0 53	2 30	2 9	15 35	0 47	23 28	0 12	7 22	0 48	20 42	1 2	5 59	13 51	22 56	22 58	19 0			n.a.
S 22	22 1	2 35	5 13	25 6	1 15	13 0	0 50	2 40	2 9	15 38	0 47	23 29	0 12	7 22	0 48	20 42	1 1	5 59	13 51	22 56	22 58	18 59			n.a.
M23	21 51	2s47	5 17	25 11	1 21	12 32	0 47	2 50	2 10	15 40	0 47	23 29	0 11	7 23	0 48	20 42	1 1	5 59	13 51	22 56	22 58	18 57			n.a.
T 24	21 41	7 52	5 3	25 14	1 27	12 3	0 44	3 0	2 10	15 43	0 47	23 30	0 11	7 23	0 48	20 41	1 1	6 0	13 52	22 56	22 59	18 56			n.a.
W25	21 30	12 27	4 34	25 17	1 32	11 35	0 41	3 10	2 10	15 45	0 47	23 30	0 11	7 24	0 48	20 41	1 1	6 0	13 52	22 56	22 59	18 55			n.a.
T 26	21 19	16 23	3 52	25 17	1 37	11 6	0 38	3 20	2 10	15 48	0 47	23 30	0 11	7 24	0 48	20 41	1 1	6 0	13 53	22 56	22 59	18 54			n.a.
F 27	21 7	19 30	3 0	25 17	1 41	10 36	0 35	3 30	2 10	15 50	0 47	23 31	0 11	7 25	0 48	20 41	1 1	6 1	13 53	22 56	23 0	18 52			n.a.
S 28	20 55	21 40	2 0	25 15	1 45	10 7	0 32	3 40	2 11	15 53	0 47	23 31	0 11	7 25	0 48	20 41	1 1	6 1	13 53	22 56	23 0	18 51			n.a.
S 29	20 43	22 48	0 56	25 11	1 49	9 37	0 29	3 50	2 11	15 55	0 47	23 32	0 11	7 26	0 48	20 41	1 1	6 1	13 54	22 55	23 0	18 50			n.a.
M30	20 30	22 52	0s11	25 5	1 52	9 7	0 25	3 59	2 11	15 57	0 47	23 32	0 11	7 27	0 48	20 41	1 1	6 2	13 54	22 55	23 1	18 48			n.a.
T 31	20s17	21s53	1s16	24s58	1s55	8s37	0s22	4s 8	2n11	15s59	0n47	23s32	0n11	7n27	0n48	20n41	1s 1	6n 2	13n55	22n55	23n 1	18s47			n.a.

Julian Day Number = 1275818.5, Delta T = 08h12m49s
Ecliptic obliquity = 23°50'19, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'50, Lahiri = -20°47'50 Julian Calendar 1 Jan. 1220 BCE == Greg. Calendar 21 Dec. 1221 BCE

The year -1219 astronomical counting style corresponds to year 1220 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1220 BCE
geocentric

FEBRUARY 1220 BCE (-1219) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 59 45	1♒54'15	11♒ 6	15♉59	10♓19	15♎46	15♏35	24♐30	13°R 9	6°R 3	17°R 0	15°R27	14♋35	16♒27	n.a.	W 1
T 2	8 3 41	2°54'00	22°54	17°39	11°30	16°10	15°42	24°36	13♍ 7	6♊ 3	17♎ 0	15♋25	14°32	16°33	n.a.	T 2
F 3	8 7 38	3°53'44	4♓44	19°21	12°41	16°33	15°50	24°42	13° 5	6° 2	17° 0	15°22	14°29	16°40	n.a.	F 3
S 4	8 11 34	4°53'25	16°36	21° 3	13°51	16°56	15°57	24°48	13° 3	6° 1	17° 0	15°18	14°26	16°47	n.a.	S 4
S 5	8 15 31	5°53'04	28°35	22°47	15° 2	17°19	16° 4	24°54	13° 2	6° 0	17° 0	15°15	14°22	16°53	n.a.	S 5
M 6	8 19 27	6°52'40	10♈42	24°33	16°12	17°42	16°11	25° 0	13° 0	6° 0	16°59	15°13	14°19	17° 0	n.a.	M 6
T 7	8 23 24	7°52'14	23° 3	26°19	17°22	18° 4	16°17	25° 6	12°58	5°59	16°59	15°11	14°16	17° 7	n.a.	T 7
W 8	8 27 20	8°51'46	5♉39	28° 6	18°33	18°26	16°24	25°12	12°56	5°58	16°59	15°D10	14°13	17°13	n.a.	W 8
T 9	8 31 17	9°51'15	18°37	29°55	19°43	18°47	16°30	25°18	12°54	5°58	16°58	15°10	14°10	17°20	n.a.	T 9
F 10	8 35 13	10°50'42	1♊58	1♒45	20°52	19° 8	16°36	25°24	12°52	5°57	16°58	15°11	14° 7	17°27	n.a.	F 10
S 11	8 39 10	11°50'06	15°45	3°37	22° 2	19°29	16°42	25°29	12°50	5°57	16°58	15°13	14° 3	17°33	n.a.	S 11
S 12	8 43 7	12°49'28	29°59	5°29	23°12	19°49	16°48	25°35	12°48	5°56	16°57	15°14	14° 0	17°40	n.a.	S 12
M13	8 47 3	13°48'48	14♋38	7°23	24°21	20° 9	16°54	25°41	12°46	5°56	16°57	15°R15	13°57	17°47	n.a.	M13
T 14	8 51 0	14°48'05	29°38	9°18	25°31	20°29	17° 0	25°46	12°43	5°56	16°56	15°14	13°54	17°53	n.a.	T 14
W15	8 54 56	15°47'19	14♌51	11°15	26°40	20°48	17° 5	25°52	12°41	5°55	16°56	15°12	13°51	18° 0	n.a.	W15
T 16	8 58 53	16°46'32	0♍ 7	13°12	27°49	21° 7	17°10	25°57	12°39	5°55	16°55	15° 8	13°47	18° 7	n.a.	T 16
F 17	9 2 49	17°45'42	15°17	15°11	28°58	21°25	17°16	26° 2	12°37	5°54	16°55	15° 4	13°44	18°13	n.a.	F 17
S 18	9 6 46	18°44'51	0♎ 9	17°10	0♈ 6	21°43	17°20	26° 8	12°35	5°54	16°54	14°59	13°41	18°20	n.a.	S 18
S 19	9 10 42	19°43'57	14°38	19°11	1°15	22° 1	17°25	26°13	12°32	5°54	16°53	14°54	13°38	18°27	n.a.	S 19
M20	9 14 39	20°43'01	28°39	21°13	2°23	22°18	17°30	26°18	12°30	5°54	16°53	14°51	13°35	18°33	n.a.	M20
T 21	9 18 36	21°42'04	12♏12	23°15	3°32	22°34	17°34	26°23	12°28	5°54	16°52	14°49	13°32	18°40	n.a.	T 21
W22	9 22 32	22°41'04	25°17	25°19	4°40	22°51	17°39	26°28	12°25	5°53	16°51	14°D49	13°28	18°47	n.a.	W22
T 23	9 26 29	23°40'03	7♐59	27°22	5°48	23° 6	17°43	26°33	12°23	5°53	16°50	14°50	13°25	18°53	n.a.	T 23
F 24	9 30 25	24°39'00	20°22	29°26	6°55	23°22	17°47	26°38	12°21	5°53	16°50	14°51	13°22	19° 0	n.a.	F 24
S 25	9 34 22	25°37'55	2♑30	1♓31	8° 3	23°36	17°50	26°43	12°18	5°53	16°49	14°53	13°19	19° 7	n.a.	S 25
S 26	9 38 18	26°36'48	14°28	3°34	9°10	23°51	17°54	26°48	12°16	5°D53	16°48	14°R53	13°16	19°13	n.a.	S 26
M27	9 42 15	27°35'39	26°19	5°38	10°17	24° 4	17°57	26°52	12°13	5°53	16°47	14°53	13°13	19°20	n.a.	M27
T 28	9 46 11	28♒34'28	8♒ 7	7♓41	11♈24	24♎17	18♏ 1	26♐57	12♍11	5♊53	16♎46	14♋50	13♋ 9	19♒27	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s 4	19s56	2s17	24s49	1s58	8s 7	0s19	4s18	2n11	16s 2	0n47	23s33	0n11	7n28	0n48	20n41	1s 1	6n 2	13n55	22n56	23n 2	18s46		n.a.
T 2	19 50	17 8	3 13	24 38	2 0	7 36	0 15	4 27	2 11	16 4	0 47	23 33	0 11	7 29	0 48	20 40	1 1	6 3	13 55	22 56	23 2	18 44		n.a.
F 3	19 36	13 38	4 0	24 26	2 2	7 6	0 12	4 36	2 11	16 6	0 47	23 33	0 11	7 29	0 48	20 40	1 1	6 3	13 56	22 56	23 2	18 43		n.a.
S 4	19 22	9 36	4 37	24 12	2 4	6 35	0 8	4 45	2 11	16 8	0 47	23 33	0 11	7 30	0 48	20 40	1 1	6 4	13 56	22 57	23 3	18 42		n.a.
S 5	19 7	5 11	5 2	23 55	2 5	6 4	0 5	4 54	2 11	16 10	0 47	23 34	0 11	7 31	0 48	20 40	1 1	6 4	13 56	22 57	23 3	18 40		n.a.
M 6	18 52	0 30	5 14	23 37	2 5	5 33	0 1	5 2	2 11	16 12	0 47	23 34	0 10	7 32	0 48	20 40	1 1	6 5	13 57	22 57	23 3	18 39		n.a.
T 7	18 36	4n17	5 12	23 17	2 5	5 2	0n 3	5 11	2 11	16 14	0 47	23 34	0 10	7 32	0 48	20 40	1 1	6 5	13 57	22 58	23 4	18 37		n.a.
W 8	18 21	8 59	4 55	22 55	2 5	4 30	0 7	5 19	2 11	16 16	0 47	23 35	0 10	7 33	0 48	20 40	1 1	6 5	13 58	22 58	23 4	18 36		n.a.
T 9	18 5	13 26	4 23	22 31	2 4	3 59	0 10	5 27	2 11	16 17	0 47	23 35	0 10	7 34	0 48	20 40	1 1	6 6	13 58	22 58	23 4	18 35		n.a.
F 10	17 48	17 22	3 36	22 5	2 2	3 28	0 14	5 35	2 11	16 19	0 48	23 35	0 10	7 35	0 48	20 40	1 1	6 6	13 58	22 57	23 5	18 33		n.a.
S 11	17 32	20 29	2 35	21 37	2 0	2 56	0 18	5 43	2 11	16 21	0 48	23 35	0 10	7 36	0 48	20 40	1 1	6 7	13 59	22 57	23 5	18 32		n.a.
S 12	17 15	22 27	1 23	21 7	1 58	2 25	0 22	5 51	2 11	16 23	0 48	23 36	0 10	7 36	0 48	20 40	1 1	6 7	13 59	22 57	23 5	18 30		n.a.
M13	16 57	22 58	0 3	20 35	1 55	1 53	0 26	5 59	2 11	16 24	0 48	23 36	0 10	7 37	0 48	20 40	1 1	6 8	13 59	22 57	23 6	18 29		n.a.
T 14	16 40	21 50	1n18	20 1	1 51	1 21	0 30	6 6	2 11	16 26	0 48	23 36	0 10	7 38	0 48	20 40	1 1	6 8	14 0	22 57	23 6	18 28		n.a.
W15	16 22	19 7	2 35	19 25	1 47	0 50	0 34	6 14	2 11	16 27	0 48	23 36	0 10	7 39	0 48	20 40	1 1	6 9	14 0	22 57	23 6	18 26		n.a.
T 16	16 4	15 3	3 41	18 46	1 43	0 18	0 38	6 21	2 11	16 29	0 48	23 37	0 10	7 40	0 48	20 40	1 0	6 10	14 1	22 58	23 7	18 25		n.a.
F 17	15 46	10 3	4 31	18 6	1 37	0n13	0 42	6 28	2 11	16 30	0 48	23 37	0 10	7 41	0 48	20 40	1 0	6 10	14 1	22 58	23 7	18 23		n.a.
S 18	15 27	4 32	5 2	17 24	1 32	0 45	0 46	6 35	2 11	16 32	0 48	23 37	0 10	7 42	0 48	20 40	1 0	6 11	14 1	22 59	23 7	18 22		n.a.
S 19	15 9	1s 4	5 12	16 40	1 25	1 16	0 50	6 42	2 10	16 33	0 48	23 37	0 10	7 43	0 48	20 40	1 0	6 11	14 2	22 59	23 8	18 21		n.a.
M20	14 50	6 27	5 3	15 54	1 18	1 47	0 54	6 49	2 10	16 34	0 48	23 38	0 10	7 43	0 48	20 40	1 0	6 12	14 2	23 0	23 8	18 19		n.a.
T 21	14 30	11 21	4 37	15 6	1 11	2 19	0 58	6 55	2 10	16 36	0 48	23 38	0 9	7 44	0 49	20 40	1 0	6 12	14 2	23 0	23 8	18 18		n.a.
W22	14 11	15 33	3 58	14 17	1 3	2 50	1 2	7 2	2 10	16 37	0 48	23 38	0 9	7 45	0 49	20 40	1 0	6 13	14 3	23 0	23 9	18 16		n.a.
T 23	13 51	18 55	3 7	13 26	0 54	3 21	1 7	7 8	2 9	16 38	0 48	23 38	0 9	7 46	0 49	20 40	1 0	6 14	14 3	23 0	23 9	18 15		n.a.
F 24	13 31	21 20	2 10	12 33	0 45	3 52	1 11	7 14	2 9	16 39	0 48	23 38	0 9	7 47	0 49	20 40	1 0	6 14	14 3	23 0	23 9	18 13		n.a.
S 25	13 11	22 42	1 7	11 40	0 35	4 23	1 15	7 20	2 9	16 40	0 48	23 39	0 9	7 48	0 49	20 40	1 0	6 15	14 3	23 0	23 10	18 12		n.a.
S 26	12 51	23 0	0 2	10 45	0 25	4 54	1 19	7 25	2 8	16 41	0 48	23 39	0 9	7 49	0 49	20 40	1 0	6 15	14 4	23 0	23 10	18 10		n.a.
M27	12 31	22 15	1s 2	9 49	0 14	5 25	1 23	7 31	2 8	16 42	0 48	23 39	0 9	7 50	0 49	20 40	1 0	6 16	14 4	23 0	23 10	18 9		n.a.
T 28	12s10	20s31	2s 3	8s53	0s 3	5n55	1n28	7s36	2n 7	16s43	0n48	23s39	0n 9	7n51	0n49	20n40	1s 0	6n17	14n 4	23n 0	23n11	18s 7		n.a.

Julian Day Number = 1275849.5, Delta T = 08h12m47s
Ecliptic obliquity = 23°50'20, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'46, Lahiri = -20°47'46 Julian Calendar 1 Feb. 1220 BCE == Greg. Calendar 21 Jan. 1220 BCE

The year -1219 astronomical counting style corresponds to year 1220 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1220 BCE
geocentric

MARCH 1220 BCE (-1219) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 50 8	29♒33'15	19♒55	9♓42	12♈31	24♎30	18♏ 4	27♐ 1	12°R 8	5♊53	16°R45	14°R45	13♋ 6	19♒34	n.a.	W 1
T 2	9 54 4	0♓32'00	1♓45	11°42	13°38	24°42	18° 7	27° 6	12♍ 6	5°53	16♎44	14♋38	13° 3	19°40	n.a.	T 2
F 3	9 58 1	1°30'43	13°39	13°41	14°44	24°53	18° 9	27°10	12° 4	5°54	16°43	14°30	13° 0	19°47	n.a.	F 3
S 4	10 1 58	2°29'23	25°38	15°37	15°51	25° 4	18°12	27°14	12° 1	5°54	16°42	14°20	12°57	19°54	n.a.	S 4
S 5	10 5 54	3°28'01	7♈44	17°31	16°57	25°15	18°14	27°19	11°58	5°54	16°41	14°11	12°53	20° 0	n.a.	S 5
M 6	10 9 51	4°26'37	19°59	19°21	18° 2	25°24	18°16	27°23	11°56	5°54	16°40	14° 3	12°50	20° 7	n.a.	M 6
T 7	10 13 47	5°25'11	2♉24	21° 9	19° 8	25°33	18°18	27°27	11°53	5°55	16°39	13°56	12°47	20°14	n.a.	T 7
W 8	10 17 44	6°23'43	15° 3	22°53	20°13	25°42	18°20	27°31	11°51	5°55	16°38	13°52	12°44	20°20	n.a.	W 8
T 9	10 21 40	7°22'12	27°59	24°34	21°18	25°50	18°22	27°35	11°48	5°55	16°37	13°50	12°41	20°27	n.a.	T 9
F 10	10 25 37	8°20'39	11♊14	26°10	22°23	25°57	18°23	27°39	11°46	5°56	16°35	13°D49	12°38	20°34	n.a.	F 10
S 11	10 29 33	9°19'04	24°51	27°42	23°28	26° 3	18°24	27°42	11°43	5°56	16°34	13°50	12°34	20°40	n.a.	S 11
S 12	10 33 30	10°17'26	8♋52	29°10	24°32	26° 9	18°25	27°46	11°41	5°57	16°33	13°R51	12°31	20°47	n.a.	S 12
M13	10 37 26	11°15'47	23°17	0♈34	25°36	26°15	18°26	27°50	11°38	5°57	16°32	13°51	12°28	20°54	n.a.	M13
T 14	10 41 23	12°14'05	8♌ 4	1°52	26°40	26°19	18°27	27°53	11°36	5°58	16°30	13°48	12°25	21° 0	n.a.	T 14
W15	10 45 20	13°12'20	23° 7	3° 6	27°43	26°23	18°27	27°57	11°33	5°58	16°29	13°44	12°22	21° 7	n.a.	W15
T 16	10 49 16	14°10'34	8♍19	4°15	28°47	26°26	18°28	28° 0	11°30	5°59	16°28	13°37	12°19	21°14	n.a.	T 16
F 17	10 53 13	15° 8'46	23°29	5°18	29°49	26°29	18°R28	28° 3	11°28	5°59	16°27	13°28	12°15	21°20	n.a.	F 17
S 18	10 57 9	16° 6'55	8♎27	6°17	0♉52	26°31	18°28	28° 6	11°25	6° 0	16°25	13°19	12°12	21°27	n.a.	S 18
S 19	11 1 6	17° 5'03	23° 3	7°10	1°54	26°32	18°27	28° 9	11°23	6° 1	16°24	13°10	12° 9	21°34	n.a.	S 19
M20	11 5 2	18° 3'10	7♏13	7°58	2°56	26°R32	18°27	28°12	11°20	6° 1	16°22	13° 2	12° 6	21°40	n.a.	M20
T 21	11 8 59	19° 1'14	20°53	8°41	3°58	26°31	18°26	28°15	11°18	6° 2	16°21	12°57	12° 3	21°47	n.a.	T 21
W22	11 12 55	19°59'18	4♐ 4	9°18	4°59	26°30	18°25	28°18	11°15	6° 3	16°20	12°54	11°59	21°54	n.a.	W22
T 23	11 16 52	20°57'19	16°49	9°50	6° 0	26°28	18°24	28°21	11°13	6° 4	16°18	12°D52	11°56	22° 0	n.a.	T 23
F 24	11 20 49	21°55'20	29°13	10°16	7° 1	26°26	18°23	28°24	11°10	6° 5	16°17	12°53	11°53	22° 7	n.a.	F 24
S 25	11 24 45	22°53'18	11♑19	10°37	8° 1	26°22	18°22	28°26	11° 8	6° 5	16°15	12°R53	11°50	22°14	n.a.	S 25
S 26	11 28 42	23°51'16	23°15	10°52	9° 1	26°18	18°20	28°29	11° 5	6° 6	16°14	12°52	11°47	22°20	n.a.	S 26
M27	11 32 38	24°49'11	5♒ 4	11° 2	10° 0	26°13	18°18	28°31	11° 3	6° 7	16°12	12°50	11°44	22°27	n.a.	M27
T 28	11 36 35	25°47'06	16°51	11°R 7	10°59	26° 7	18°16	28°33	11° 0	6° 8	16°11	12°46	11°40	22°34	n.a.	T 28
W29	11 40 31	26°44'58	28°40	11° 7	11°58	26° 1	18°14	28°35	10°58	6° 9	16° 9	12°38	11°37	22°40	n.a.	W29
T 30	11 44 28	27°42'49	10♓34	11° 1	12°56	25°53	18°12	28°37	10°55	6°10	16° 8	12°28	11°34	22°47	n.a.	T 30
F 31	11 48 24	28♓40'39	22♓34	10♈51	13♉54	25♎45	18♏ 9	28♐39	10♍53	6♊11	16♎ 6	12♋16	11♋31	22♒54	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11s49	17s54	2s58	7s56	0n 8	6n26	1n32	7s41	2n 7	16s44	0n48	23s39	0n 9	7n52	0n49	20n40	1s 0	6n17	14n 5	23n 0	23n11	18s 6			n.a.
T 2	11 28	14 32	3 46	7 0	0 19	6 56	1 36	7 46	2 6	16 44	0 48	23 40	0 9	7 53	0 49	20 40	1 0	6 18	14 5	23 1	23 11	18 4			n.a.
F 3	11 7	10 35	4 24	6 3	0 31	7 26	1 40	7 51	2 6	16 45	0 48	23 40	0 9	7 54	0 49	20 40	1 0	6 18	14 5	23 2	23 12	18 3			n.a.
S 4	10 46	6 12	4 51	5 7	0 43	7 56	1 44	7 55	2 5	16 46	0 48	23 40	0 9	7 55	0 49	20 40	1 0	6 19	14 6	23 3	23 12	18 2			n.a.
S 5	10 24	1 32	5 5	4 11	0 54	8 26	1 48	8 0	2 5	16 46	0 48	23 40	0 9	7 56	0 49	20 40	1 0	6 20	14 6	23 4	23 12	18 0			n.a.
M 6	10 2	3n14	5 5	3 16	1 6	8 55	1 53	8 4	2 4	16 47	0 48	23 40	0 9	7 57	0 49	20 40	1 0	6 20	14 6	23 5	23 12	17 59			n.a.
T 7	9 41	7 57	4 51	2 23	1 18	9 24	1 57	8 8	2 3	16 47	0 48	23 40	0 9	7 58	0 49	20 40	1 0	6 21	14 6	23 6	23 13	17 57			n.a.
W 8	9 19	12 26	4 23	1 31	1 29	9 53	2 1	8 12	2 3	16 48	0 48	23 40	0 8	7 59	0 49	20 41	1 0	6 22	14 7	23 6	23 13	17 55			n.a.
T 9	8 57	16 27	3 41	0 40	1 40	10 22	2 5	8 15	2 2	16 48	0 48	23 41	0 8	8 0	0 49	20 41	1 0	6 22	14 7	23 6	23 13	17 54			n.a.
F 10	8 35	19 46	2 46	0n 8	1 50	10 50	2 9	8 19	2 1	16 49	0 48	23 41	0 8	8 1	0 49	20 41	0 59	6 23	14 7	23 6	23 14	17 52			n.a.
S 11	8 12	22 4	1 40	0 55	2 1	11 19	2 13	8 22	2 0	16 49	0 49	23 41	0 8	8 2	0 49	20 41	0 59	6 24	14 7	23 6	23 14	17 51			n.a.
S 12	7 50	23 6	0 27	1 39	2 10	11 47	2 17	8 25	1 59	16 49	0 49	23 41	0 8	8 3	0 49	20 41	0 59	6 24	14 8	23 6	23 14	17 49			n.a.
M13	7 28	22 37	0n50	2 21	2 19	12 14	2 21	8 28	1 58	16 49	0 49	23 41	0 8	8 4	0 49	20 41	0 59	6 25	14 8	23 6	23 15	17 48			n.a.
T 14	7 5	20 35	2 6	3 0	2 28	12 42	2 25	8 30	1 57	16 50	0 49	23 41	0 8	8 5	0 49	20 41	0 59	6 26	14 8	23 7	23 15	17 46			n.a.
W15	6 42	17 5	3 14	3 37	2 35	13 9	2 29	8 33	1 56	16 50	0 49	23 41	0 8	8 6	0 49	20 41	0 59	6 26	14 8	23 7	23 15	17 45			n.a.
T 16	6 20	12 25	4 9	4 11	2 42	13 35	2 33	8 35	1 55	16 50	0 49	23 41	0 8	8 7	0 49	20 42	0 59	6 27	14 8	23 8	23 16	17 43			n.a.
F 17	5 57	6 59	4 46	4 42	2 48	14 2	2 36	8 37	1 54	16 50	0 49	23 42	0 8	8 8	0 49	20 42	0 59	6 28	14 9	23 9	23 16	17 42			n.a.
S 18	5 34	1 13	5 3	5 11	2 53	14 28	2 40	8 39	1 53	16 50	0 49	23 42	0 8	8 9	0 49	20 42	0 59	6 28	14 9	23 10	23 16	17 40			n.a.
S 19	5 11	4s29	5 0	5 36	2 58	14 53	2 44	8 40	1 51	16 50	0 49	23 42	0 8	8 10	0 49	20 42	0 59	6 29	14 9	23 11	23 16	17 38			n.a.
M20	4 48	9 47	4 38	5 58	3 1	15 18	2 47	8 42	1 50	16 50	0 49	23 42	0 8	8 11	0 49	20 42	0 59	6 30	14 9	23 11	23 17	17 37			n.a.
T 21	4 25	14 25	4 0	6 18	3 3	15 43	2 51	8 43	1 49	16 49	0 49	23 42	0 8	8 12	0 49	20 42	0 59	6 30	14 9	23 12	23 17	17 35			n.a.
W22	4 2	18 11	3 11	6 34	3 4	16 8	2 54	8 44	1 47	16 49	0 49	23 42	0 8	8 13	0 49	20 43	0 59	6 31	14 9	23 12	23 17	17 34			n.a.
T 23	3 39	20 57	2 14	6 46	3 4	16 32	2 58	8 45	1 46	16 49	0 49	23 42	0 7	8 14	0 49	20 43	0 59	6 32	14 10	23 12	23 18	17 32			n.a.
F 24	3 15	22 38	1 12	6 56	3 3	16 56	3 1	8 45	1 44	16 48	0 49	23 42	0 7	8 15	0 49	20 43	0 59	6 33	14 10	23 12	23 18	17 31			n.a.
S 25	2 52	23 13	0 8	7 2	3 1	17 19	3 5	8 45	1 42	16 48	0 49	23 42	0 7	8 16	0 49	20 43	0 59	6 33	14 10	23 12	23 18	17 29			n.a.
S 26	2 29	22 42	0s55	7 5	2 58	17 42	3 8	8 45	1 41	16 48	0 49	23 43	0 7	8 16	0 49	20 43	0 59	6 34	14 10	23 12	23 18	17 27			n.a.
M27	2 5	21 11	1 55	7 5	2 53	18 4	3 11	8 45	1 39	16 47	0 49	23 43	0 7	8 17	0 49	20 44	0 59	6 35	14 10	23 12	23 19	17 26			n.a.
T 28	1 42	18 44	2 50	7 2	2 47	18 26	3 14	8 45	1 37	16 46	0 49	23 43	0 7	8 18	0 49	20 44	0 59	6 35	14 10	23 13	23 19	17 24			n.a.
W29	1 19	15 31	3 38	6 55	2 40	18 48	3 17	8 44	1 35	16 46	0 49	23 43	0 7	8 19	0 49	20 44	0 59	6 36	14 10	23 14	23 19	17 23			n.a.
T 30	0 55	11 40	4 16	6 45	2 32	19 9	3 20	8 43	1 33	16 45	0 49	23 43	0 7	8 20	0 48	20 44	0 59	6 37	14 10	23 15	23 20	17 21			n.a.
F 31	0s32	7s19	4s43	6n32	2n22	19n30	3n23	8s42	1n31	16s45	0n49	23s43	0n 7	8n21	0n48	20n44	0s59	6n37	14n10	23n16	23n20	17s19			n.a.

Julian Day Number = 1275877.5, Delta T = 08h12m46s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'42, Lahiri = -20°47'42 Julian Calendar 1 March 1220 BCE == Greg. Calendar 18 Feb. 1220 BCE

The year -1219 astronomical counting style corresponds to year 1220 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1220 BCE
geocentric

APRIL 1220 BCE (-1219) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 52 21	29♓38'27	4♈43	10°R36	14♉52	25°R37	18°R 7	28♐41	10°R51	6♊12	16°R 5	12°R 3	11♋28	23♒ 0	n.a.	S 1
S 2	11 56 17	0♈36'13	17° 1	10♈17	15°49	25♎27	18♏ 4	28°43	10♍48	6°13	16♎ 3	11♋50	11°24	23° 7	n.a.	S 2
M 3	12 0 14	1°33'58	29°29	9°55	16°45	25°17	18° 1	28°45	10°46	6°15	16° 1	11°38	11°21	23°14	n.a.	M 3
T 4	12 4 11	2°31'41	12♉ 8	9°28	17°41	25° 6	17°57	28°46	10°43	6°16	16° 0	11°28	11°18	23°21	n.a.	T 4
W 5	12 8 7	3°29'22	24°58	8°59	18°36	24°54	17°54	28°48	10°41	6°17	15°58	11°20	11°15	23°27	n.a.	W 5
T 6	12 12 4	4°27'02	8♊ 1	8°28	19°31	24°42	17°51	28°49	10°39	6°18	15°57	11°16	11°12	23°34	n.a.	T 6
F 7	12 16 0	5°24'40	21°19	7°54	20°26	24°29	17°47	28°51	10°37	6°19	15°55	11°14	11° 9	23°41	n.a.	F 7
S 8	12 19 57	6°22'17	4♋53	7°20	21°19	24°15	17°43	28°52	10°34	6°21	15°53	11°14	11° 5	23°47	n.a.	S 8
S 9	12 23 53	7°19'51	18°46	6°44	22°12	24° 1	17°39	28°53	10°32	6°22	15°52	11°13	11° 2	23°54	n.a.	S 9
M10	12 27 50	8°17'24	2♌57	6° 9	23° 5	23°46	17°35	28°54	10°30	6°23	15°50	11°13	10°59	24° 1	n.a.	M10
T 11	12 31 46	9°14'56	17°26	5°35	23°57	23°31	17°30	28°55	10°28	6°25	15°48	11°10	10°56	24° 7	n.a.	T 11
W12	12 35 43	10°12'26	2♍11	5° 1	24°48	23°15	17°26	28°56	10°26	6°26	15°47	11° 4	10°53	24°14	n.a.	W12
T 13	12 39 40	11° 9'54	17° 4	4°29	25°39	22°58	17°21	28°57	10°24	6°27	15°45	10°56	10°50	24°21	n.a.	T 13
F 14	12 43 36	12° 7'20	1♎58	4° 0	26°28	22°41	17°16	28°57	10°22	6°29	15°44	10°46	10°46	24°27	n.a.	F 14
S 15	12 47 33	13° 4'46	16°44	3°33	27°18	22°24	17°11	28°58	10°20	6°30	15°42	10°34	10°43	24°34	n.a.	S 15
S 16	12 51 29	14° 2'10	1♏15	3°10	28° 6	22° 6	17° 6	28°58	10°18	6°32	15°40	10°24	10°40	24°41	n.a.	S 16
M17	12 55 26	14°59'33	15°22	2°50	28°53	21°48	17° 1	28°59	10°16	6°33	15°39	10°14	10°37	24°47	n.a.	M17
T 18	12 59 22	15°56'56	29° 3	2°33	29°40	21°29	16°55	28°59	10°14	6°35	15°37	10° 7	10°34	24°54	n.a.	T 18
W19	13 3 19	16°54'17	12♐16	2°21	0♊26	21°11	16°50	28°59	10°12	6°36	15°35	10° 2	10°30	25° 1	n.a.	W19
T 20	13 7 15	17°51'38	25° 4	2°13	1°11	20°52	16°44	28°R59	10°10	6°38	15°34	10° 0	10°27	25° 7	n.a.	T 20
F 21	13 11 12	18°48'58	7♑30	2°D10	1°55	20°32	16°38	28°59	10° 8	6°40	15°32	9°D59	10°24	25°14	n.a.	F 21
S 22	13 15 9	19°46'17	19°39	2°10	2°38	20°13	16°32	28°59	10° 6	6°41	15°30	9°R59	10°21	25°21	n.a.	S 22
S 23	13 19 5	20°43'35	1♒36	2°16	3°20	19°53	16°26	28°59	10° 5	6°43	15°29	9°59	10°18	25°27	n.a.	S 23
M24	13 23 2	21°40'53	13°26	2°26	4° 2	19°33	16°20	28°58	10° 3	6°45	15°27	9°57	10°15	25°34	n.a.	M24
T 25	13 26 58	22°38'10	25°15	2°40	4°42	19°13	16°13	28°58	10° 1	6°46	15°25	9°53	10°11	25°41	n.a.	T 25
W26	13 30 55	23°35'26	7♓ 7	2°59	5°21	18°54	16° 7	28°58	10° 0	6°48	15°24	9°47	10° 8	25°48	n.a.	W26
T 27	13 34 51	24°32'41	19° 6	3°22	5°59	18°34	16° 0	28°57	9°58	6°50	15°22	9°37	10° 5	25°54	n.a.	T 27
F 28	13 38 48	25°29'56	1♈14	3°49	6°35	18°14	15°54	28°56	9°56	6°51	15°20	9°26	10° 2	26° 1	n.a.	F 28
S 29	13 42 44	26°27'10	13°34	4°21	7°11	17°55	15°47	28°55	9°55	6°53	15°19	9°14	9°59	26° 8	n.a.	S 29
S 30	13 46 41	27♈24'23	26♈ 7	4♈57	7♊45	17♎35	15♏40	28♐54	9♍53	6♊55	15♎17	9♋ 2	9♋55	26♒14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	0s 9	2s38	4s58	6n17	2n12	19n50	3n25	8s41	1n29	16s44	0n49	23s43	0n 7	8n22	0n48	20n45	0s59	6n38	14n10	23n17	23n20	17s18		n.a.	
S 2	0n15	2n12	4 59	5 58	2 0	20 9	3 28	8 39	1 27	16 43	0 49	23 43	0 7	8 23	0 48	20 45	0 58	6 39	14 11	23 18	23 20	17 16		n.a.	
M 3	0 38	7 1	4 46	5 37	1 47	20 29	3 31	8 38	1 25	16 42	0 49	23 43	0 7	8 24	0 48	20 45	0 58	6 39	14 11	23 19	23 21	17 14		n.a.	
T 4	1 1	11 37	4 19	5 14	1 33	20 47	3 33	8 36	1 22	16 41	0 49	23 43	0 7	8 25	0 48	20 45	0 58	6 40	14 11	23 20	23 21	17 13		n.a.	
W 5	1 25	15 48	3 39	4 49	1 19	21 5	3 35	8 34	1 20	16 40	0 49	23 44	0 6	8 26	0 48	20 46	0 58	6 40	14 11	23 21	23 21	17 11		n.a.	
T 6	1 48	19 17	2 46	4 22	1 3	21 23	3 37	8 31	1 17	16 39	0 49	23 44	0 6	8 26	0 48	20 46	0 58	6 41	14 11	23 21	23 21	17 9		n.a.	
F 7	2 11	21 50	1 43	3 54	0 47	21 40	3 39	8 29	1 15	16 38	0 49	23 44	0 6	8 27	0 48	20 46	0 58	6 42	14 11	23 21	23 22	17 8		n.a.	
S 8	2 34	23 11	0 33	3 25	0 31	21 57	3 41	8 26	1 12	16 37	0 49	23 44	0 6	8 28	0 48	20 46	0 58	6 42	14 11	23 21	23 22	17 6		n.a.	
S 9	2 57	23 9	0n40	2 56	0 14	22 13	3 43	8 23	1 10	16 36	0 49	23 44	0 6	8 29	0 48	20 47	0 58	6 43	14 11	23 21	23 22	17 4		n.a.	
M10	3 20	21 39	1 52	2 26	0s 3	22 28	3 45	8 20	1 7	16 35	0 49	23 44	0 6	8 30	0 48	20 47	0 58	6 44	14 11	23 21	23 23	17 3		n.a.	
T 11	3 43	18 42	2 59	1 56	0 20	22 43	3 46	8 17	1 4	16 34	0 49	23 44	0 6	8 31	0 48	20 47	0 58	6 44	14 11	23 22	23 23	17 1		n.a.	
W12	4 6	14 31	3 55	1 28	0 37	22 57	3 48	8 14	1 1	16 32	0 49	23 44	0 6	8 31	0 48	20 47	0 58	6 45	14 11	23 22	23 23	16 59		n.a.	
T 13	4 29	9 24	4 35	1 0	0 54	23 11	3 49	8 10	0 58	16 31	0 49	23 44	0 6	8 32	0 48	20 48	0 58	6 45	14 11	23 23	23 23	16 58		n.a.	
F 14	4 52	3 44	4 57	0 33	1 10	23 25	3 50	8 7	0 55	16 30	0 49	23 44	0 6	8 33	0 48	20 48	0 58	6 46	14 11	23 24	23 24	16 56		n.a.	
S 15	5 15	2s 6	4 59	0 8	1 25	23 37	3 51	8 3	0 52	16 28	0 49	23 44	0 6	8 34	0 48	20 48	0 58	6 47	14 11	23 25	23 24	16 54		n.a.	
S 16	5 38	7 43	4 41	0s15	1 40	23 49	3 51	7 59	0 49	16 27	0 49	23 44	0 6	8 34	0 48	20 49	0 58	6 47	14 11	23 25	23 24	16 53		n.a.	
M17	6 0	12 47	4 6	0 36	1 54	24 1	3 52	7 55	0 46	16 25	0 49	23 45	0 6	8 35	0 48	20 49	0 58	6 48	14 11	23 26	23 24	16 51		n.a.	
T 18	6 23	17 3	3 18	0 55	2 7	24 12	3 52	7 51	0 43	16 24	0 48	23 45	0 6	8 36	0 48	20 49	0 58	6 48	14 10	23 27	23 25	16 49		n.a.	
W19	6 45	20 19	2 21	1 11	2 20	24 22	3 53	7 47	0 40	16 22	0 48	23 45	0 5	8 37	0 48	20 50	0 58	6 49	14 10	23 27	23 25	16 48		n.a.	
T 20	7 7	22 27	1 18	1 24	2 31	24 32	3 53	7 43	0 36	16 21	0 48	23 45	0 5	8 37	0 48	20 50	0 58	6 49	14 10	23 27	23 25	16 46		n.a.	
F 21	7 29	23 24	0 13	1 35	2 41	24 41	3 52	7 39	0 33	16 19	0 48	23 45	0 5	8 38	0 48	20 50	0 58	6 50	14 10	23 27	23 25	16 44		n.a.	
S 22	7 51	23 13	0s51	1 43	2 50	24 49	3 52	7 34	0 30	16 17	0 48	23 45	0 5	8 39	0 48	20 50	0 58	6 51	14 10	23 27	23 26	16 42		n.a.	
S 23	8 13	21 57	1 52	1 49	2 59	24 57	3 51	7 30	0 26	16 16	0 48	23 45	0 5	8 39	0 48	20 51	0 58	6 51	14 10	23 27	23 26	16 41		n.a.	
M24	8 35	19 44	2 47	1 51	3 6	25 4	3 50	7 25	0 23	16 14	0 48	23 45	0 5	8 40	0 48	20 51	0 58	6 52	14 10	23 28	23 26	16 39		n.a.	
T 25	8 57	16 41	3 35	1 51	3 12	25 11	3 49	7 21	0 19	16 12	0 48	23 45	0 5	8 40	0 48	20 51	0 58	6 52	14 10	23 28	23 26	16 37		n.a.	
W26	9 18	12 58	4 14	1 48	3 17	25 17	3 48	7 17	0 16	16 10	0 48	23 45	0 5	8 41	0 48	20 52	0 58	6 53	14 10	23 28	23 27	16 35		n.a.	
T 27	9 40	8 42	4 42	1 43	3 21	25 23	3 46	7 12	0 12	16 8	0 48	23 45	0 5	8 42	0 48	20 52	0 58	6 53	14 9	23 29	23 27	16 34		n.a.	
F 28	10 1	4 3	4 58	1 34	3 24	25 27	3 45	7 8	0 9	16 7	0 48	23 45	0 5	8 42	0 48	20 52	0 58	6 54	14 9	23 30	23 27	16 32		n.a.	
S 29	10 22	0n50	5 0	1 24	3 27	25 32	3 43	7 3	0 5	16 5	0 48	23 45	0 5	8 43	0 48	20 53	0 57	6 54	14 9	23 31	23 27	16 30		n.a.	
S 30	10n43	5n47	4s48	1s10	3s28	25n35	3n40	6s59	0n 2	16s 3	0n48	23s46	0n 5	8n43	0n48	20n53	0s57	6n54	14n 9	23n32	23n28	16s28		n.a.	

Julian Day Number = 1275908.5, Delta T = 08h12m44s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'38, Lahiri = -20°47'38 Julian Calendar 1 Apr. 1220 BCE == Greg. Calendar 21 March 1220 BCE

The year -1219 astronomical counting style corresponds to year 1220 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1220 BCE
geocentric

MAY 1220 BCE (-1219) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 50 38	28♈21'36	8♉52	5♈37	8♊18	17°R16	15°R33	28°R53	9°R52	6♊57	15°R16	8°R51	9♋52	26♒21	n.a.	M 1
T 2	13 54 34	29°18'48	21°49	6°21	8°49	16♎57	15♏26	28♐52	9♍51	6°59	15♎14	8♋41	9°49	26°28	n.a.	T 2
W 3	13 58 31	0♉15'59	4♊58	7° 9	9°20	16°39	15°19	28°51	9°49	7° 0	15°12	8°34	9°46	26°34	n.a.	W 3
T 4	14 2 27	1°13'10	18°18	8° 1	9°48	16°21	15°12	28°50	9°48	7° 2	15°11	8°31	9°43	26°41	n.a.	T 4
F 5	14 6 24	2°10'19	1♋49	8°56	10°15	16° 3	15° 5	28°49	9°47	7° 4	15° 9	8°29	9°40	26°48	n.a.	F 5
S 6	14 10 20	3° 7'28	15°31	9°56	10°41	15°46	14°57	28°47	9°46	7° 6	15° 8	8°D29	9°36	26°54	n.a.	S 6
S 7	14 14 17	4° 4'36	29°25	10°58	11° 5	15°29	14°50	28°46	9°44	7° 8	15° 6	8°R29	9°33	27° 1	n.a.	S 7
M 8	14 18 13	5° 1'44	13♌31	12° 4	11°27	15°13	14°43	28°44	9°43	7°10	15° 5	8°29	9°30	27° 8	n.a.	M 8
T 9	14 22 10	5°58'50	27°47	13°14	11°47	14°57	14°35	28°42	9°42	7°12	15° 3	8°27	9°27	27°14	n.a.	T 9
W10	14 26 7	6°55'56	12♍12	14°27	12° 6	14°42	14°28	28°40	9°41	7°14	15° 2	8°23	9°24	27°21	n.a.	W10
T 11	14 30 3	7°53'00	26°41	15°44	12°22	14°28	14°20	28°38	9°40	7°16	15° 0	8°17	9°21	27°28	n.a.	T 11
F 12	14 34 0	8°50'05	11♎11	17° 4	12°37	14°14	14°13	28°36	9°39	7°18	14°59	8° 9	9°17	27°35	n.a.	F 12
S 13	14 37 56	9°47'08	25°34	18°27	12°50	14° 1	14° 5	28°34	9°39	7°20	14°57	8° 0	9°14	27°41	n.a.	S 13
S 14	14 41 53	10°44'12	9♏44	19°53	13° 0	13°48	13°57	28°32	9°38	7°22	14°56	7°51	9°11	27°48	n.a.	S 14
M15	14 45 49	11°41'15	23°36	21°23	13° 9	13°36	13°50	28°30	9°37	7°24	14°54	7°43	9° 8	27°55	n.a.	M15
T 16	14 49 46	12°38'18	7♐ 7	22°55	13°15	13°25	13°42	28°27	9°36	7°26	14°53	7°38	9° 5	28° 1	n.a.	T 16
W17	14 53 43	13°35'21	20°15	24°31	13°19	13°15	13°34	28°25	9°36	7°28	14°51	7°34	9° 1	28° 8	n.a.	W17
T 18	14 57 39	14°32'24	3♑ 1	26°10	13°R21	13° 6	13°27	28°23	9°35	7°30	14°50	7°D33	8°58	28°15	n.a.	T 18
F 19	15 1 36	15°29'28	15°27	27°52	13°20	12°57	13°19	28°20	9°34	7°32	14°49	7°33	8°55	28°21	n.a.	F 19
S 20	15 5 32	16°26'31	27°37	29°37	13°17	12°49	13°11	28°17	9°34	7°34	14°47	7°34	8°52	28°28	n.a.	S 20
S 21	15 9 29	17°23'34	9♒36	1♉25	13°12	12°42	13° 4	28°15	9°33	7°36	14°46	7°35	8°49	28°35	n.a.	S 21
M22	15 13 25	18°20'38	21°28	3°16	13° 5	12°36	12°56	28°12	9°33	7°39	14°45	7°R35	8°46	28°41	n.a.	M22
T 23	15 17 22	19°17'42	3♓19	5°10	12°55	12°30	12°49	28° 9	9°33	7°41	14°43	7°34	8°42	28°48	n.a.	T 23
W24	15 21 18	20°14'46	15°14	7° 6	12°42	12°26	12°41	28° 6	9°32	7°43	14°42	7°31	8°39	28°55	n.a.	W24
T 25	15 25 15	21°11'51	27°17	9° 4	12°28	12°22	12°33	28° 3	9°32	7°45	14°41	7°26	8°36	29° 2	n.a.	T 25
F 26	15 29 12	22° 8'55	9♈31	11° 5	12°11	12°19	12°26	28° 0	9°32	7°47	14°40	7°20	8°33	29° 8	n.a.	F 26
S 27	15 33 8	23° 6'00	22° 1	13° 8	11°51	12°17	12°19	27°56	9°32	7°49	14°38	7°12	8°30	29°15	n.a.	S 27
S 28	15 37 5	24° 3'06	4♉46	15°12	11°30	12°15	12°11	27°53	9°32	7°51	14°37	7° 5	8°27	29°22	n.a.	S 28
M29	15 41 1	25° 0'12	17°47	17°18	11° 6	12°D15	12° 4	27°50	9°D32	7°54	14°36	6°58	8°23	29°28	n.a.	M29
T 30	15 44 58	25°57'18	1♊ 5	19°26	10°41	12°15	11°57	27°46	9°32	7°56	14°35	6°52	8°20	29°35	n.a.	T 30
W31	15 48 54	26♉54'24	14♊36	21♉34	10♊13	12♎17	11♏49	27♐43	9♍32	7♊58	14♎34	6♋48	8♋17	29♒42	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11n 4	10n34	4s22	0s54	3s28	25n38	3n38	6s55	0s 2	16s 1	0n48	23s46	0n 4	8n44	0n48	20n53	0s57	6n55	14n 9	23n32	23n28	16s27			n.a.
T 2	11 25	14 58	3 41	0 36	3 28	25 40	3 35	6 51	0 5	15 59	0 48	23 46	0 4	8 44	0 48	20 54	0 57	6 55	14 9	23 33	23 28	16 25			n.a.
W 3	11 45	18 44	2 48	0 16	3 26	25 42	3 32	6 47	0 9	15 57	0 47	23 46	0 4	8 45	0 48	20 54	0 57	6 56	14 8	23 33	23 28	16 23			n.a.
T 4	12 6	21 34	1 45	0n 7	3 24	25 43	3 28	6 43	0 12	15 55	0 47	23 46	0 4	8 45	0 48	20 54	0 57	6 56	14 8	23 34	23 29	16 21			n.a.
F 5	12 26	23 14	0 35	0 32	3 21	25 44	3 24	6 39	0 16	15 53	0 47	23 46	0 4	8 46	0 47	20 55	0 57	6 57	14 8	23 34	23 29	16 20			n.a.
S 6	12 46	23 32	0n37	0 59	3 17	25 43	3 20	6 36	0 19	15 51	0 47	23 46	0 4	8 46	0 47	20 55	0 57	6 57	14 8	23 34	23 29	16 18			n.a.
S 7	13 5	22 23	1 49	1 28	3 13	25 42	3 16	6 33	0 23	15 49	0 47	23 46	0 4	8 46	0 47	20 55	0 57	6 57	14 8	23 34	23 29	16 16			n.a.
M 8	13 25	19 50	2 55	1 59	3 8	25 41	3 11	6 29	0 26	15 46	0 47	23 46	0 4	8 47	0 47	20 56	0 57	6 58	14 7	23 34	23 30	16 14			n.a.
T 9	13 44	16 3	3 51	2 31	3 2	25 39	3 6	6 26	0 30	15 44	0 47	23 46	0 4	8 47	0 47	20 56	0 57	6 58	14 7	23 34	23 30	16 12			n.a.
W10	14 3	11 18	4 33	3 6	2 55	25 36	3 0	6 24	0 33	15 42	0 47	23 46	0 4	8 48	0 47	20 57	0 57	6 58	14 7	23 34	23 30	16 11			n.a.
T 11	14 22	5 53	4 58	3 42	2 48	25 32	2 54	6 21	0 36	15 40	0 47	23 46	0 4	8 48	0 47	20 57	0 57	6 59	14 7	23 35	23 30	16 9			n.a.
F 12	14 41	0 9	5 4	4 20	2 41	25 28	2 48	6 19	0 40	15 38	0 46	23 46	0 4	8 48	0 47	20 57	0 57	6 59	14 6	23 35	23 30	16 7			n.a.
S 13	14 59	5s33	4 50	5 0	2 33	25 23	2 41	6 16	0 43	15 36	0 46	23 46	0 3	8 49	0 47	20 58	0 57	6 59	14 6	23 36	23 31	16 5			n.a.
S 14	15 18	10 53	4 19	5 41	2 24	25 17	2 34	6 14	0 46	15 34	0 46	23 46	0 3	8 49	0 47	20 58	0 57	7 0	14 6	23 36	23 31	16 3			n.a.
M15	15 36	15 33	3 33	6 24	2 15	25 11	2 27	6 13	0 49	15 31	0 46	23 47	0 3	8 49	0 47	20 58	0 57	7 0	14 5	23 37	23 31	16 1			n.a.
T 16	15 53	19 18	2 36	7 8	2 5	25 4	2 19	6 11	0 53	15 29	0 46	23 47	0 3	8 49	0 47	20 59	0 57	7 0	14 5	23 37	23 31	16 0			n.a.
W17	16 11	21 57	1 32	7 53	1 55	24 56	2 11	6 10	0 56	15 27	0 46	23 47	0 3	8 50	0 47	20 59	0 57	7 0	14 5	23 37	23 32	15 58			n.a.
T 18	16 28	23 24	0 24	8 39	1 45	24 48	2 2	6 9	0 59	15 25	0 46	23 47	0 3	8 50	0 47	20 59	0 57	7 1	14 4	23 37	23 32	15 56			n.a.
F 19	16 45	23 38	0s42	9 26	1 34	24 39	1 53	6 9	1 2	15 23	0 45	23 47	0 3	8 50	0 47	21 0	0 57	7 1	14 4	23 37	23 32	15 54			n.a.
S 20	17 2	22 43	1 46	10 14	1 23	24 29	1 43	6 8	1 5	15 20	0 45	23 47	0 3	8 50	0 47	21 0	0 57	7 1	14 4	23 37	23 32	15 52			n.a.
S 21	17 18	20 46	2 44	11 3	1 12	24 18	1 33	6 8	1 8	15 18	0 45	23 47	0 3	8 50	0 47	21 1	0 57	7 1	14 4	23 37	23 32	15 50			n.a.
M22	17 35	17 57	3 34	11 52	1 0	24 7	1 22	6 8	1 10	15 16	0 45	23 47	0 3	8 50	0 47	21 1	0 57	7 2	14 3	23 37	23 33	15 48			n.a.
T 23	17 50	14 24	4 15	12 42	0 49	23 55	1 12	6 8	1 13	15 14	0 45	23 47	0 3	8 50	0 47	21 1	0 57	7 2	14 3	23 37	23 33	15 47			n.a.
W24	18 6	10 17	4 45	13 31	0 37	23 42	1 0	6 9	1 16	15 12	0 45	23 47	0 2	8 50	0 47	21 2	0 57	7 2	14 2	23 37	23 33	15 45			n.a.
T 25	18 22	5 43	5 3	14 21	0 26	23 28	0 49	6 10	1 19	15 10	0 45	23 47	0 2	8 51	0 47	21 2	0 57	7 2	14 2	23 38	23 33	15 43			n.a.
F 26	18 37	0 52	5 8	15 11	0 14	23 14	0 37	6 11	1 21	15 7	0 44	23 47	0 2	8 51	0 47	21 2	0 57	7 2	14 2	23 38	23 33	15 41			n.a.
S 27	18 51	4n 7	4 58	15 59	0 3	22 59	0 24	6 13	1 24	15 5	0 44	23 47	0 2	8 51	0 47	21 3	0 57	7 2	14 1	23 38	23 34	15 39			n.a.
S 28	19 6	9 2	4 33	16 48	0n 8	22 43	0 11	6 15	1 26	15 3	0 44	23 47	0 2	8 51	0 47	21 3	0 57	7 2	14 1	23 39	23 34	15 37			n.a.
M29	19 20	13 41	3 54	17 35	0 19	22 27	0s 2	6 17	1 29	15 1	0 44	23 47	0 2	8 51	0 46	21 3	0 57	7 2	14 1	23 39	23 34	15 35			n.a.
T 30	19 34	17 46	3 1	18 21	0 29	22 10	0 15	6 19	1 31	14 59	0 44	23 47	0 2	8 51	0 46	21 4	0 57	7 3	14 0	23 39	23 34	15 33			n.a.
W31	19n48	20n59	1s57	19n 5	0n39	21n53	0s29	6s22	1s34	14s57	0n43	23s47	0n 2	8n50	0n46	21n 4	0s57	7n 3	14n 0	23n40	23n35	15s32			n.a.

Julian Day Number = 1275938.5, Delta T = 08h12m42s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'34, Lahiri = -20°47'34 Julian Calendar 1 May 1220 BCE == Greg. Calendar 20 Apr. 1220 BCE

The year -1219 astronomical counting style corresponds to year 1220 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1220 BCE
geocentric

JUNE 1220 BCE (-1219) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 52 51	27♉51'31	28♊20	23♉43	9°R44	12♎19	11°R42	27°R39	9♍32	8♊ 0	14°R33	6°R47	8♋14	29♒48	n.a.	T 1
F 2	15 56 47	28°48'38	12♋13	25°52	9♊13	12°22	11♏35	27♐36	9°32	8° 2	14♎32	6°D46	8°11	29°55	n.a.	F 2
S 3	16 0 44	29°45'45	26°14	28° 1	8°40	12°25	11°28	27°32	9°32	8° 5	14°31	6♋47	8° 7	0♓ 2	n.a.	S 3
S 4	16 4 41	0♊42'52	10♌21	0♊10	8° 6	12°30	11°21	27°29	9°32	8° 7	14°30	6°49	8° 4	0° 8	n.a.	S 4
M 5	16 8 37	1°40'00	24°31	2°19	7°31	12°35	11°15	27°25	9°33	8° 9	14°29	6°50	8° 1	0°15	n.a.	M 5
T 6	16 12 34	2°37'07	8♍43	4°27	6°56	12°41	11° 8	27°21	9°33	8°11	14°28	6°R50	7°58	0°22	n.a.	T 6
W 7	16 16 30	3°34'15	22°56	6°34	6°19	12°48	11° 1	27°17	9°34	8°13	14°27	6°48	7°55	0°29	n.a.	W 7
T 8	16 20 27	4°31'22	7♎ 5	8°40	5°42	12°56	10°55	27°13	9°34	8°16	14°26	6°46	7°52	0°35	n.a.	T 8
F 9	16 24 23	5°28'31	21°10	10°45	5° 5	13° 5	10°48	27° 9	9°35	8°18	14°25	6°42	7°48	0°42	n.a.	F 9
S 10	16 28 20	6°25'39	5♏ 5	12°48	4°27	13°14	10°42	27° 5	9°35	8°20	14°24	6°37	7°45	0°49	n.a.	S 10
S 11	16 32 17	7°22'48	18°49	14°50	3°50	13°24	10°36	27° 1	9°36	8°22	14°23	6°33	7°42	0°55	n.a.	S 11
M12	16 36 13	8°19'58	2♐18	16°51	3°14	13°35	10°30	26°57	9°36	8°25	14°23	6°29	7°39	1° 2	n.a.	M12
T 13	16 40 10	9°17'09	15°30	18°50	2°38	13°46	10°24	26°53	9°37	8°27	14°22	6°27	7°36	1° 9	n.a.	T 13
W14	16 44 6	10°14'20	28°25	20°47	2° 3	13°58	10°18	26°49	9°38	8°29	14°21	6°25	7°33	1°15	n.a.	W14
T 15	16 48 3	11°11'32	11♑ 2	22°43	1°29	14°11	10°13	26°45	9°39	8°31	14°20	6°D25	7°29	1°22	n.a.	T 15
F 16	16 51 59	12° 8'46	23°23	24°37	0°57	14°24	10° 7	26°40	9°40	8°34	14°20	6°26	7°26	1°29	n.a.	F 16
S 17	16 55 56	13° 6'00	5♒32	26°29	0°26	14°39	10° 2	26°36	9°41	8°36	14°19	6°27	7°23	1°36	n.a.	S 17
S 18	16 59 52	14° 3'15	17°30	28°20	29♉57	14°54	9°57	26°32	9°42	8°38	14°18	6°29	7°20	1°42	n.a.	S 18
M19	17 3 49	15° 0'31	29°23	0♋ 9	29°30	15° 9	9°51	26°28	9°43	8°40	14°18	6°30	7°17	1°49	n.a.	M19
T 20	17 7 46	15°57'49	11♓15	1°56	29° 5	15°25	9°47	26°23	9°44	8°42	14°17	6°R31	7°13	1°56	n.a.	T 20
W21	17 11 42	16°55'08	23°11	3°41	28°42	15°42	9°42	26°19	9°45	8°45	14°17	6°31	7°10	2° 2	n.a.	W21
T 22	17 15 39	17°52'28	5♈15	5°25	28°21	15°59	9°37	26°14	9°46	8°47	14°16	6°30	7° 7	2° 9	n.a.	T 22
F 23	17 19 35	18°49'49	17°31	7° 8	28° 2	16°17	9°33	26°10	9°47	8°49	14°16	6°28	7° 4	2°16	n.a.	F 23
S 24	17 23 32	19°47'11	0♉ 4	8°48	27°46	16°36	9°28	26° 6	9°49	8°51	14°15	6°26	7° 1	2°22	n.a.	S 24
S 25	17 27 28	20°44'35	12°56	10°27	27°32	16°55	9°24	26° 1	9°50	8°53	14°15	6°24	6°58	2°29	n.a.	S 25
M26	17 31 25	21°42'01	26° 9	12° 4	27°20	17°15	9°20	25°57	9°51	8°56	14°15	6°22	6°54	2°36	n.a.	M26
T 27	17 35 22	22°39'27	9♊43	13°40	27°11	17°35	9°16	25°52	9°53	8°58	14°14	6°21	6°51	2°43	n.a.	T 27
W28	17 39 18	23°36'55	23°35	15°14	27° 4	17°56	9°13	25°48	9°54	9° 0	14°14	6°20	6°48	2°49	n.a.	W28
T 29	17 43 15	24°34'24	7♋44	16°46	26°59	18°17	9° 9	25°43	9°56	9° 2	14°14	6°D19	6°45	2°56	n.a.	T 29
F 30	17 47 11	25♊31'55	22♋ 4	18♋17	26°D57	18♎39	9♏ 6	25♐39	9♍58	9♊ 4	14♎14	6♋20	6♋42	3♓ 3	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20n 1	23n 4	0s46	19n48	0n48	21n35	0s42	6s25	1s36	14s55	0n43	23s47	0n 2	8n50	0n46	21n 5	0s57	7n 3	13n59	23n40	23n35	15s30		n.a.	T 1
F 2	20 14	23 46	0n30	20 28	0 57	21 16	0 56	6 28	1 38	14 53	0 43	23 47	0 2	8 50	0 46	21 5	0 57	7 3	13 59	23 40	23 35	15 28		n.a.	F 2
S 3	20 26	22 57	1 44	21 7	1 6	20 57	1 10	6 31	1 40	14 51	0 43	23 47	0 2	8 50	0 46	21 5	0 57	7 3	13 59	23 40	23 35	15 26		n.a.	S 3
S 4	20 38	20 42	2 53	21 43	1 13	20 38	1 25	6 35	1 42	14 49	0 43	23 47	0 2	8 50	0 46	21 6	0 57	7 3	13 58	23 40	23 35	15 24		n.a.	S 4
M 5	20 50	17 11	3 51	22 17	1 20	20 19	1 39	6 39	1 44	14 47	0 42	23 47	0 1	8 50	0 46	21 6	0 57	7 3	13 58	23 40	23 36	15 22		n.a.	M 5
T 6	21 2	12 40	4 35	22 48	1 27	19 59	1 53	6 43	1 46	14 45	0 42	23 47	0 1	8 50	0 46	21 6	0 57	7 3	13 57	23 40	23 36	15 20		n.a.	T 6
W 7	21 13	7 28	5 3	23 17	1 32	19 39	2 7	6 48	1 48	14 43	0 42	23 47	0 1	8 49	0 46	21 7	0 57	7 3	13 57	23 40	23 36	15 18		n.a.	W 7
T 8	21 24	1 54	5 12	23 43	1 37	19 19	2 20	6 53	1 50	14 41	0 42	23 47	0 1	8 49	0 46	21 7	0 57	7 3	13 56	23 40	23 36	15 16		n.a.	T 8
F 9	21 34	3s44	5 2	24 6	1 42	18 59	2 34	6 58	1 52	14 39	0 42	23 47	0 1	8 49	0 46	21 8	0 57	7 2	13 56	23 40	23 36	15 14		n.a.	F 9
S 10	21 45	9 8	4 35	24 27	1 45	18 39	2 47	7 3	1 54	14 38	0 41	23 47	0 1	8 49	0 46	21 8	0 57	7 2	13 56	23 40	23 36	15 12		n.a.	S 10
S 11	21 54	14 0	3 52	24 45	1 48	18 19	3 0	7 9	1 56	14 36	0 41	23 47	0 1	8 48	0 46	21 8	0 57	7 2	13 55	23 40	23 37	15 10		n.a.	S 11
M12	22 4	18 5	2 56	25 0	1 50	18 0	3 13	7 14	1 57	14 34	0 41	23 47	0 1	8 48	0 46	21 9	0 57	7 2	13 55	23 41	23 37	15 8		n.a.	M12
T 13	22 13	21 11	1 52	25 13	1 52	17 41	3 25	7 20	1 59	14 32	0 41	23 47	0 1	8 48	0 46	21 9	0 57	7 2	13 54	23 41	23 37	15 6		n.a.	T 13
W14	22 21	23 6	0 44	25 23	1 53	17 23	3 36	7 27	2 1	14 31	0 41	23 47	0 1	8 47	0 46	21 9	0 57	7 2	13 54	23 41	23 37	15 4		n.a.	W14
T 15	22 30	23 48	0s25	25 31	1 53	17 5	3 48	7 33	2 2	14 29	0 40	23 47	0 0	8 47	0 46	21 10	0 56	7 2	13 53	23 41	23 37	15 2		n.a.	T 15
F 16	22 38	23 17	1 32	25 36	1 53	16 48	3 58	7 40	2 4	14 28	0 40	23 47	0 0	8 47	0 46	21 10	0 56	7 2	13 53	23 41	23 38	15 0		n.a.	F 16
S 17	22 45	21 41	2 33	25 39	1 52	16 32	4 8	7 47	2 5	14 26	0 40	23 47	0 0	8 46	0 46	21 10	0 56	7 1	13 52	23 41	23 38	14 59		n.a.	S 17
S 18	22 52	19 8	3 27	25 40	1 50	16 17	4 18	7 54	2 7	14 25	0 40	23 47	0 0	8 46	0 46	21 11	0 56	7 1	13 52	23 41	23 38	14 57		n.a.	S 18
M19	22 59	15 48	4 12	25 38	1 48	16 2	4 27	8 1	2 8	14 23	0 40	23 47	0 0	8 45	0 46	21 11	0 56	7 1	13 51	23 41	23 38	14 55		n.a.	M19
T 20	23 5	11 51	4 45	25 35	1 46	15 49	4 35	8 9	2 9	14 22	0 39	23 47	0 0	8 45	0 46	21 12	0 56	7 1	13 51	23 41	23 38	14 53		n.a.	T 20
W21	23 11	7 26	5 7	25 30	1 42	15 36	4 43	8 17	2 11	14 21	0 39	23 47	0s 0	8 45	0 45	21 12	0 56	7 0	13 50	23 41	23 38	14 51		n.a.	W21
T 22	23 16	2 42	5 15	25 22	1 39	15 25	4 50	8 25	2 12	14 19	0 39	23 47	0 0	8 44	0 45	21 12	0 56	7 0	13 50	23 41	23 39	14 49		n.a.	T 22
F 23	23 22	2n14	5 10	25 13	1 35	15 14	4 56	8 33	2 13	14 18	0 39	23 47	0 0	8 43	0 45	21 13	0 56	7 0	13 49	23 41	23 39	14 47		n.a.	F 23
S 24	23 26	7 11	4 49	25 2	1 30	15 5	5 2	8 41	2 14	14 17	0 38	23 47	0 0	8 43	0 45	21 13	0 56	7 0	13 49	23 41	23 39	14 45		n.a.	S 24
S 25	23 31	11 57	4 14	24 50	1 25	14 56	5 8	8 50	2 15	14 16	0 38	23 47	0 0	8 42	0 45	21 13	0 56	6 59	13 48	23 41	23 39	14 43		n.a.	S 25
M26	23 34	16 18	3 24	24 36	1 20	14 49	5 13	8 59	2 16	14 15	0 38	23 47	0 1	8 42	0 45	21 14	0 56	6 59	13 48	23 41	23 39	14 41		n.a.	M26
T 27	23 38	19 56	2 22	24 21	1 14	14 43	5 17	9 7	2 17	14 14	0 38	23 47	0 1	8 41	0 45	21 14	0 56	6 59	13 47	23 41	23 39	14 39		n.a.	T 27
W28	23 41	22 31	1 10	24 5	1 8	14 38	5 21	9 16	2 18	14 13	0 37	23 47	0 1	8 41	0 45	21 14	0 56	6 58	13 47	23 41	23 40	14 37		n.a.	W28
T 29	23 44	23 44	0n 8	23 47	1 1	14 34	5 24	9 26	2 19	14 12	0 37	23 47	0 1	8 40	0 45	21 15	0 56	6 58	13 46	23 41	23 40	14 34		n.a.	T 29
F 30	23n46	23n25	1n26	23n28	0n55	14n30	5s27	9s35	2s20	14s11	0n37	23s47	0s 1	8n39	0n45	21n15	0s56	6n57	13n46	23n41	23n40	14s32		n.a.	F 30

Julian Day Number = 1275969.5, Delta T = 08h12m41s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'30, Lahiri = -20°47'29 Julian Calendar 1 June 1220 BCE == Greg. Calendar 21 May 1220 BCE

The year -1219 astronomical counting style corresponds to year 1220 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1220 BCE
geocentric

JULY 1220 BCE (-1219) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 51 8	26♊29'26	6♌31	19♋46	26♉57	19♎ 2	9°R 3	25°R34	9♍59	9♊ 6	14°R13	6♋20	6♋39	3♓ 9	n.a.	S 1
S 2	17 55 4	27°26'59	20°59	21°13	27° 0	19°25	9♏ 0	25♐30	10° 1	9° 9	14♎13	6°21	6°35	3°16	n.a.	S 2
M 3	17 59 1	28°24'32	5♍25	22°39	27° 5	19°48	8°57	25°25	10° 3	9°11	14°13	6°22	6°32	3°23	n.a.	M 3
T 4	18 2 57	29°22'07	19°44	24° 3	27°12	20°12	8°55	25°21	10° 4	9°13	14°13	6°22	6°29	3°29	n.a.	T 4
W 5	18 6 54	0♋19'42	3♎54	25°25	27°21	20°37	8°52	25°16	10° 6	9°15	14°13	6°R22	6°26	3°36	n.a.	W 5
T 6	18 10 51	1°17'19	17°52	26°45	27°32	21° 2	8°50	25°12	10° 8	9°17	14°13	6°22	6°23	3°43	n.a.	T 6
F 7	18 14 47	2°14'57	1♏37	28° 4	27°45	21°27	8°48	25° 7	10°10	9°19	14°D13	6°22	6°19	3°50	n.a.	F 7
S 8	18 18 44	3°12'36	15° 9	29°20	28° 0	21°53	8°46	25° 3	10°12	9°21	14°13	6°21	6°16	3°56	n.a.	S 8
S 9	18 22 40	4°10'17	28°27	0♌35	28°17	22°19	8°45	24°59	10°14	9°23	14°13	6°21	6°13	4° 3	n.a.	S 9
M10	18 26 37	5° 7'58	11♐32	1°47	28°36	22°46	8°43	24°54	10°16	9°25	14°13	6°21	6°10	4°10	n.a.	M10
T 11	18 30 33	6° 5'42	24°22	2°58	28°57	23°13	8°42	24°50	10°18	9°27	14°13	6°D21	6° 7	4°16	n.a.	T 11
W12	18 34 30	7° 3'27	6♑59	4° 6	29°20	23°41	8°41	24°46	10°20	9°29	14°13	6°R21	6° 4	4°23	n.a.	W12
T 13	18 38 26	8° 1'13	19°23	5°12	29°44	24° 9	8°40	24°41	10°23	9°31	14°14	6°21	6° 0	4°30	n.a.	T 13
F 14	18 42 23	8°59'01	1♒36	6°15	0♊10	24°37	8°39	24°37	10°25	9°33	14°14	6°21	5°57	4°36	n.a.	F 14
S 15	18 46 20	9°56'51	13°39	7°17	0°37	25° 6	8°39	24°33	10°27	9°35	14°14	6°20	5°54	4°43	n.a.	S 15
S 16	18 50 16	10°54'43	25°36	8°15	1° 7	25°35	8°38	24°29	10°29	9°37	14°14	6°20	5°51	4°50	n.a.	S 16
M17	18 54 13	11°52'36	7♓28	9°11	1°37	26° 4	8°D38	24°24	10°32	9°39	14°15	6°19	5°48	4°57	n.a.	M17
T 18	18 58 9	12°50'31	19°19	10° 3	2° 9	26°34	8°38	24°20	10°34	9°41	14°15	6°18	5°44	5° 3	n.a.	T 18
W19	19 2 6	13°48'29	1♈14	10°53	2°43	27° 4	8°38	24°16	10°37	9°43	14°15	6°18	5°41	5°10	n.a.	W19
T 20	19 6 2	14°46'28	13°16	11°40	3°17	27°35	8°39	24°12	10°39	9°45	14°16	6°D18	5°38	5°17	n.a.	T 20
F 21	19 9 59	15°44'29	25°31	12°22	3°53	28° 5	8°39	24° 8	10°42	9°47	14°16	6°18	5°35	5°23	n.a.	F 21
S 22	19 13 55	16°42'33	8♉ 2	13° 2	4°31	28°37	8°40	24° 4	10°44	9°49	14°17	6°18	5°32	5°30	n.a.	S 22
S 23	19 17 52	17°40'38	20°54	13°37	5° 9	29° 8	8°41	24° 0	10°47	9°51	14°17	6°19	5°29	5°37	n.a.	S 23
M24	19 21 49	18°38'46	4♊ 9	14° 8	5°49	29°40	8°42	23°56	10°50	9°53	14°18	6°20	5°25	5°44	n.a.	M24
T 25	19 25 45	19°36'56	17°50	14°34	6°29	0♏12	8°44	23°52	10°52	9°54	14°19	6°21	5°22	5°50	n.a.	T 25
W26	19 29 42	20°35'07	1♋54	14°56	7°11	0°44	8°45	23°49	10°55	9°56	14°19	6°R22	5°19	5°57	n.a.	W26
T 27	19 33 38	21°33'21	16°21	15°13	7°54	1°17	8°47	23°45	10°58	9°58	14°20	6°22	5°16	6° 4	n.a.	T 27
F 28	19 37 35	22°31'37	1♌ 4	15°24	8°38	1°50	8°49	23°41	11° 1	10° 0	14°21	6°21	5°13	6°10	n.a.	F 28
S 29	19 41 31	23°29'55	15°57	15°R30	9°22	2°24	8°51	23°38	11° 3	10° 1	14°21	6°19	5°10	6°17	n.a.	S 29
S 30	19 45 28	24°28'14	0♍52	15°30	10° 8	2°57	8°53	23°34	11° 6	10° 3	14°22	6°17	5° 6	6°24	n.a.	S 30
M31	19 49 24	25♋26'36	15♍40	15♌24	10♊54	3♏31	8♏56	23♐31	11♍ 9	10♊ 5	14♎23	6♋14	5♋ 3	6♓30	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	21n32	2n40	23n 8	0n47	14n28	5s29	9s45	2s21	14s10	0n37	23s47	0s 1	8n39	0n45	21n15	0s56	6n57	13n45	23n41	23n40	14s30		n.a.
S 2	23 49	18 15	3 43	22 47	0 40	14 27	5 31	9 54	2 22	14 10	0 37	23 47	0 1	8 38	0 45	21 16	0 56	6 57	13 45	23 41	23 40	14 28		n.a.
M 3	23 50	13 53	4 32	22 26	0 32	14 27	5 32	10 4	2 23	14 9	0 36	23 47	0 1	8 37	0 45	21 16	0 56	6 56	13 44	23 41	23 40	14 26		n.a.
T 4	23 50	8 46	5 4	22 3	0 24	14 27	5 33	10 14	2 24	14 8	0 36	23 47	0 1	8 37	0 45	21 16	0 56	6 56	13 44	23 41	23 41	14 24		n.a.
W 5	23 50	3 15	5 17	21 40	0 16	14 29	5 34	10 24	2 24	14 8	0 36	23 47	0 1	8 36	0 45	21 17	0 56	6 55	13 43	23 41	23 41	14 22		n.a.
T 6	23 50	2s21	5 11	21 16	0 7	14 31	5 34	10 34	2 25	14 7	0 36	23 46	0 1	8 35	0 45	21 17	0 56	6 55	13 43	23 41	23 41	14 20		n.a.
F 7	23 49	7 45	4 47	20 52	0s 2	14 34	5 34	10 45	2 26	14 7	0 35	23 46	0 2	8 34	0 45	21 17	0 56	6 54	13 42	23 41	23 41	14 18		n.a.
S 8	23 48	12 43	4 7	20 27	0 11	14 38	5 33	10 55	2 27	14 6	0 35	23 46	0 2	8 33	0 45	21 18	0 56	6 54	13 42	23 41	23 41	14 16		n.a.
S 9	23 46	16 59	3 15	20 2	0 20	14 43	5 32	11 6	2 27	14 6	0 35	23 46	0 2	8 33	0 45	21 18	0 56	6 53	13 41	23 41	23 41	14 14		n.a.
M10	23 44	20 20	2 13	19 36	0 30	14 48	5 31	11 17	2 28	14 6	0 35	23 46	0 2	8 32	0 45	21 18	0 56	6 53	13 40	23 41	23 42	14 12		n.a.
T 11	23 42	22 37	1 6	19 11	0 40	14 54	5 30	11 28	2 28	14 6	0 34	23 46	0 2	8 31	0 45	21 19	0 56	6 52	13 40	23 41	23 42	14 10		n.a.
W12	23 39	23 43	0s 4	18 45	0 50	15 0	5 28	11 38	2 29	14 6	0 34	23 46	0 2	8 30	0 45	21 19	0 56	6 52	13 39	23 41	23 42	14 8		n.a.
T 13	23 35	23 36	1 12	18 19	1 0	15 7	5 26	11 49	2 29	14 5	0 34	23 46	0 2	8 29	0 45	21 19	0 56	6 51	13 39	23 41	23 42	14 6		n.a.
F 14	23 32	22 20	2 16	17 54	1 10	15 15	5 24	12 1	2 30	14 5	0 34	23 46	0 2	8 28	0 45	21 19	0 56	6 51	13 38	23 41	23 42	14 4		n.a.
S 15	23 28	20 4	3 12	17 28	1 20	15 23	5 22	12 12	2 30	14 6	0 33	23 46	0 2	8 27	0 44	21 20	0 56	6 50	13 38	23 41	23 42	14 2		n.a.
S 16	23 23	16 58	4 0	17 3	1 31	15 31	5 19	12 23	2 31	14 6	0 33	23 46	0 2	8 26	0 44	21 20	0 56	6 49	13 37	23 41	23 42	13 59		n.a.
M17	23 18	13 12	4 38	16 38	1 41	15 40	5 16	12 34	2 31	14 6	0 33	23 46	0 3	8 26	0 44	21 20	0 56	6 49	13 37	23 41	23 43	13 57		n.a.
T 18	23 12	8 56	5 3	16 14	1 52	15 49	5 13	12 46	2 32	14 6	0 33	23 46	0 3	8 25	0 44	21 21	0 56	6 48	13 36	23 41	23 43	13 55		n.a.
W19	23 7	4 19	5 16	15 50	2 2	15 59	5 10	12 57	2 32	14 6	0 33	23 45	0 3	8 24	0 44	21 21	0 56	6 47	13 36	23 41	23 43	13 53		n.a.
T 20	23 0	0n30	5 14	15 27	2 13	16 9	5 7	13 9	2 32	14 7	0 32	23 45	0 3	8 23	0 44	21 21	0 56	6 47	13 35	23 41	23 43	13 51		n.a.
F 21	22 54	5 23	4 59	15 5	2 23	16 19	5 3	13 20	2 33	14 7	0 32	23 45	0 3	8 22	0 44	21 21	0 56	6 46	13 35	23 41	23 43	13 49		n.a.
S 22	22 46	10 10	4 30	14 44	2 34	16 30	4 59	13 32	2 33	14 8	0 32	23 45	0 3	8 21	0 44	21 22	0 56	6 45	13 34	23 41	23 43	13 47		n.a.
S 23	22 39	14 39	3 46	14 24	2 44	16 40	4 55	13 44	2 33	14 8	0 32	23 45	0 3	8 20	0 44	21 22	0 56	6 45	13 34	23 41	23 43	13 45		n.a.
M24	22 31	18 34	2 49	14 5	2 54	16 51	4 51	13 56	2 33	14 9	0 31	23 45	0 3	8 18	0 44	21 22	0 56	6 44	13 33	23 41	23 44	13 43		n.a.
T 25	22 23	21 36	1 41	13 48	3 4	17 2	4 47	14 7	2 34	14 9	0 31	23 45	0 3	8 17	0 44	21 23	0 56	6 43	13 32	23 41	23 44	13 40		n.a.
W26	22 14	23 25	0 25	13 32	3 14	17 13	4 43	14 19	2 34	14 10	0 31	23 45	0 3	8 16	0 44	21 23	0 57	6 43	13 32	23 41	23 44	13 38		n.a.
T 27	22 5	23 44	0n55	13 19	3 23	17 24	4 39	14 31	2 34	14 11	0 31	23 45	0 3	8 15	0 44	21 23	0 57	6 42	13 31	23 41	23 44	13 36		n.a.
F 28	21 55	22 24	2 12	13 7	3 32	17 36	4 34	14 43	2 34	14 12	0 30	23 45	0 3	8 14	0 44	21 23	0 57	6 41	13 31	23 41	23 44	13 34		n.a.
S 29	21 45	19 31	3 22	12 57	3 40	17 47	4 30	14 55	2 34	14 13	0 30	23 45	0 4	8 13	0 44	21 24	0 57	6 40	13 30	23 41	23 44	13 32		n.a.
S 30	21 35	15 21	4 17	12 50	3 47	17 58	4 25	15 7	2 34	14 13	0 30	23 44	0 4	8 12	0 44	21 24	0 57	6 40	13 30	23 41	23 44	13 30		n.a.
M31	21n24	10n16	4n55	12n46	3s54	18n10	4s20	15s19	2s35	14s15	0n30	23s44	0s 4	8n11	0n44	21n24	0s57	6n39	13n29	23n41	23n44	13s27		n.a.

Julian Day Number = 1275999.5, Delta T = 08h12m39s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'26, Lahiri = -20°47'25 Julian Calendar 1 July 1220 BCE == Greg. Calendar 20 June 1220 BCE

The year -1219 astronomical counting style corresponds to year 1220 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1220 BCE
geocentric

AUGUST 1220 BCE (-1219) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 53 21	26♋24'58	0♎15	15°R11	11♊42	4♏ 5	8♏58	23°R27	11♍12	10♊ 7	14♎24	6°R12	5♋ 0	6♓37	n.a.	T 1
W 2	19 57 18	27°23'23	14°32	14♌52	12°30	4°40	9° 1	23♐24	11°15	10° 8	14°25	6♋11	4°57	6°44	n.a.	W 2
T 3	20 1 14	28°21'49	28°30	14°26	13°19	5°14	9° 4	23°21	11°18	10°10	14°26	6°D10	4°54	6°51	n.a.	T 3
F 4	20 5 11	29°20'17	12♏ 7	13°53	14° 8	5°49	9° 7	23°18	11°21	10°11	14°26	6°11	4°50	6°57	n.a.	F 4
S 5	20 9 7	0♌18'47	25°24	13°14	14°59	6°25	9°11	23°14	11°24	10°13	14°27	6°12	4°47	7° 4	n.a.	S 5
S 6	20 13 4	1°17'19	8♐23	12°29	15°50	7° 0	9°14	23°11	11°27	10°15	14°28	6°14	4°44	7°11	n.a.	S 6
M 7	20 17 0	2°15'52	21° 7	11°39	16°42	7°36	9°18	23° 8	11°30	10°16	14°29	6°15	4°41	7°17	n.a.	M 7
T 8	20 20 57	3°14'28	3♑38	10°43	17°34	8°12	9°22	23° 6	11°33	10°18	14°31	6°R16	4°38	7°24	n.a.	T 8
W 9	20 24 53	4°13'05	15°58	9°44	18°27	8°48	9°26	23° 3	11°37	10°19	14°32	6°16	4°35	7°31	n.a.	W 9
T 10	20 28 50	5°11'44	28° 8	8°42	19°21	9°24	9°30	23° 0	11°40	10°21	14°33	6°14	4°31	7°38	n.a.	T 10
F 11	20 32 46	6°10'26	10♒12	7°38	20°16	10° 1	9°35	22°57	11°43	10°22	14°34	6°10	4°28	7°44	n.a.	F 11
S 12	20 36 43	7° 9'09	22° 9	6°34	21°11	10°37	9°39	22°55	11°46	10°23	14°35	6° 6	4°25	7°51	n.a.	S 12
S 13	20 40 40	8° 7'55	4♓ 2	5°32	22° 6	11°14	9°44	22°52	11°50	10°25	14°36	6° 0	4°22	7°58	n.a.	S 13
M14	20 44 36	9° 6'43	15°54	4°32	23° 2	11°52	9°49	22°50	11°53	10°26	14°38	5°54	4°19	8° 4	n.a.	M14
T 15	20 48 33	10° 5'33	27°45	3°38	23°59	12°29	9°54	22°48	11°56	10°27	14°39	5°48	4°16	8°11	n.a.	T 15
W16	20 52 29	11° 4'26	9♈40	2°49	24°56	13° 7	9°59	22°45	12° 0	10°29	14°40	5°43	4°12	8°18	n.a.	W16
T 17	20 56 26	12° 3'21	21°41	2° 8	25°54	13°44	10° 5	22°43	12° 3	10°30	14°42	5°40	4° 9	8°25	n.a.	T 17
F 18	21 0 22	13° 2'18	3♉53	1°35	26°52	14°22	10°10	22°41	12° 7	10°31	14°43	5°38	4° 6	8°31	n.a.	F 18
S 19	21 4 19	14° 1'18	16°20	1°11	27°50	15° 0	10°16	22°39	12°10	10°32	14°44	5°D37	4° 3	8°38	n.a.	S 19
S 20	21 8 15	15° 0'20	29° 6	0°57	28°49	15°39	10°22	22°37	12°13	10°34	14°46	5°38	4° 0	8°45	n.a.	S 20
M21	21 12 12	15°59'25	12♊15	0°D54	29°49	16°17	10°28	22°36	12°17	10°35	14°47	5°40	3°56	8°51	n.a.	M21
T 22	21 16 9	16°58'33	25°52	1° 0	0♋49	16°56	10°34	22°34	12°20	10°36	14°49	5°41	3°53	8°58	n.a.	T 22
W23	21 20 5	17°57'42	9♋56	1°17	1°49	17°35	10°40	22°32	12°24	10°37	14°50	5°R41	3°50	9° 5	n.a.	W23
T 24	21 24 2	18°56'55	24°27	1°44	2°50	18°14	10°47	22°31	12°28	10°38	14°52	5°40	3°47	9°11	n.a.	T 24
F 25	21 27 58	19°56'09	9♌21	2°20	3°51	18°53	10°54	22°29	12°31	10°39	14°53	5°36	3°44	9°18	n.a.	F 25
S 26	21 31 55	20°55'26	24°30	3° 5	4°53	19°32	11° 1	22°28	12°35	10°40	14°55	5°31	3°41	9°25	n.a.	S 26
S 27	21 35 51	21°54'45	9♍45	3°58	5°54	20°11	11° 8	22°27	12°38	10°41	14°56	5°24	3°37	9°32	n.a.	S 27
M28	21 39 48	22°54'06	24°55	4°59	6°57	20°51	11°15	22°26	12°42	10°42	14°58	5°17	3°34	9°38	n.a.	M28
T 29	21 43 44	23°53'29	9♎49	6° 6	7°59	21°31	11°22	22°25	12°46	10°43	15° 0	5°10	3°31	9°45	n.a.	T 29
W30	21 47 41	24°52'53	24°22	7°20	9° 2	22°11	11°29	22°24	12°49	10°44	15° 1	5° 5	3°28	9°52	n.a.	W30
T 31	21 51 37	25♌52'20	8♏28	8♌39	10♋ 5	22♏51	11♏37	22♐23	12♍53	10♊45	15♎ 3	5♋ 1	3♋25	9♓58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n13	4n40	5n13	12n44	4s 0	18n21	4s15	15s31	2s35	14s16	0n30	23s44	0s 4	8n10	0n44	21n24	0s57	6n38	13n29	23n41	23n45	13s25			n.a.
W 2	21 2	1s 3	5 12	12 45	4 5	18 32	4 11	15 43	2 35	14 17	0 29	23 44	0 4	8 8	0 44	21 25	0 57	6 37	13 28	23 42	23 45	13 23			n.a.
T 3	20 50	6 35	4 52	12 49	4 8	18 43	4 6	15 55	2 35	14 18	0 29	23 44	0 4	8 7	0 44	21 25	0 57	6 36	13 28	23 42	23 45	13 21			n.a.
F 4	20 38	11 41	4 15	12 57	4 10	18 54	4 1	16 6	2 35	14 19	0 29	23 44	0 4	8 6	0 44	21 25	0 57	6 35	13 27	23 42	23 45	13 19			n.a.
S 5	20 25	16 6	3 26	13 7	4 11	19 5	3 55	16 18	2 35	14 20	0 29	23 44	0 4	8 5	0 44	21 25	0 57	6 35	13 27	23 41	23 45	13 17			n.a.
S 6	20 12	19 39	2 27	13 21	4 10	19 15	3 50	16 30	2 35	14 22	0 28	23 44	0 4	8 4	0 44	21 25	0 57	6 34	13 26	23 41	23 45	13 14			n.a.
M 7	19 59	22 10	1 22	13 38	4 7	19 26	3 45	16 42	2 35	14 23	0 28	23 44	0 4	8 2	0 44	21 26	0 57	6 33	13 26	23 41	23 45	13 12			n.a.
T 8	19 45	23 33	0 14	13 58	4 2	19 36	3 40	16 54	2 34	14 25	0 28	23 44	0 4	8 1	0 44	21 26	0 57	6 32	13 25	23 41	23 45	13 10			n.a.
W 9	19 31	23 45	0s53	14 20	3 55	19 46	3 35	17 6	2 34	14 26	0 28	23 44	0 5	8 0	0 44	21 26	0 57	6 31	13 25	23 41	23 46	13 8			n.a.
T 10	19 17	22 47	1 57	14 45	3 46	19 56	3 29	17 18	2 34	14 28	0 28	23 44	0 5	7 59	0 44	21 26	0 57	6 30	13 24	23 41	23 46	13 6			n.a.
F 11	19 2	20 47	2 55	15 12	3 35	20 5	3 24	17 30	2 34	14 29	0 27	23 44	0 5	7 57	0 44	21 26	0 57	6 29	13 24	23 42	23 46	13 4			n.a.
S 12	18 48	17 53	3 45	15 41	3 22	20 14	3 18	17 41	2 34	14 31	0 27	23 44	0 5	7 56	0 44	21 27	0 57	6 29	13 23	23 42	23 46	13 1			n.a.
S 13	18 32	14 17	4 24	16 10	3 8	20 23	3 13	17 53	2 34	14 33	0 27	23 44	0 5	7 55	0 44	21 27	0 57	6 28	13 23	23 42	23 46	12 59			n.a.
M14	18 17	10 8	4 52	16 40	2 52	20 32	3 8	18 5	2 34	14 35	0 27	23 43	0 5	7 53	0 44	21 27	0 57	6 27	13 22	23 42	23 46	12 57			n.a.
T 15	18 1	5 36	5 8	17 10	2 34	20 40	3 2	18 16	2 33	14 36	0 27	23 43	0 5	7 52	0 44	21 27	0 57	6 26	13 22	23 43	23 46	12 55			n.a.
W16	17 44	0 51	5 10	17 39	2 16	20 48	2 57	18 28	2 33	14 38	0 26	23 43	0 5	7 51	0 44	21 27	0 57	6 25	13 21	23 43	23 46	12 52			n.a.
T 17	17 28	3n58	4 59	18 7	1 57	20 56	2 51	18 39	2 33	14 40	0 26	23 43	0 5	7 49	0 44	21 28	0 57	6 24	13 21	23 43	23 46	12 50			n.a.
F 18	17 11	8 44	4 34	18 34	1 37	21 3	2 46	18 51	2 33	14 42	0 26	23 43	0 5	7 48	0 43	21 28	0 57	6 23	13 20	23 43	23 46	12 48			n.a.
S 19	16 54	13 14	3 56	18 58	1 18	21 9	2 40	19 2	2 32	14 44	0 26	23 43	0 5	7 47	0 43	21 28	0 57	6 22	13 20	23 43	23 47	12 46			n.a.
S 20	16 36	17 16	3 5	19 20	0 58	21 16	2 34	19 13	2 32	14 46	0 26	23 43	0 5	7 45	0 43	21 28	0 57	6 21	13 19	23 43	23 47	12 44			n.a.
M21	16 18	20 36	2 4	19 39	0 40	21 21	2 29	19 24	2 32	14 48	0 25	23 43	0 6	7 44	0 43	21 28	0 57	6 20	13 19	23 43	23 47	12 41			n.a.
T 22	16 0	22 53	0 53	19 55	0 21	21 27	2 23	19 35	2 32	14 51	0 25	23 43	0 6	7 43	0 43	21 28	0 57	6 19	13 19	23 43	23 47	12 39			n.a.
W23	15 42	23 51	0n23	20 8	0 4	21 32	2 18	19 46	2 31	14 53	0 25	23 43	0 6	7 41	0 43	21 28	0 57	6 18	13 18	23 43	23 47	12 37			n.a.
T 24	15 24	23 13	1 40	20 18	0n12	21 36	2 12	19 57	2 31	14 55	0 25	23 43	0 6	7 40	0 43	21 29	0 57	6 17	13 18	23 43	23 47	12 35			n.a.
F 25	15 5	20 58	2 52	20 25	0 27	21 40	2 7	20 8	2 31	14 57	0 25	23 43	0 6	7 38	0 43	21 29	0 57	6 16	13 17	23 43	23 47	12 32			n.a.
S 26	14 46	17 13	3 53	20 28	0 41	21 44	2 1	20 19	2 30	15 0	0 24	23 43	0 6	7 37	0 43	21 29	0 57	6 15	13 17	23 43	23 47	12 30			n.a.
S 27	14 26	12 19	4 37	20 28	0 54	21 47	1 56	20 29	2 30	15 2	0 24	23 43	0 6	7 36	0 43	21 29	0 57	6 14	13 16	23 44	23 47	12 28			n.a.
M28	14 7	6 40	5 2	20 24	1 5	21 49	1 50	20 40	2 29	15 5	0 24	23 43	0 6	7 34	0 43	21 29	0 57	6 13	13 16	23 44	23 47	12 26			n.a.
T 29	13 47	0 44	5 6	20 17	1 16	21 51	1 45	20 50	2 29	15 7	0 24	23 43	0 6	7 33	0 43	21 29	0 57	6 12	13 16	23 44	23 48	12 23			n.a.
W30	13 27	5s 6	4 50	20 7	1 25	21 52	1 39	21 0	2 29	15 9	0 24	23 43	0 6	7 31	0 43	21 29	0 57	6 11	13 15	23 44	23 48	12 21			n.a.
T 31	13n 6	10s30	4n17	19n53	1n32	21n53	1s34	21s11	2s28	15s12	0n23	23s43	0s 6	7n30	0n43	21n29	0s57	6n10	13n15	23n45	23n48	12s19			n.a.

Julian Day Number = 1276030.5, Delta T = 08h12m37s
Ecliptic obliquity = 23°50'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'22, Lahiri = -20°47'21 Julian Calendar 1 Aug. 1220 BCE == Greg. Calendar 21 July 1220 BCE

The year -1219 astronomical counting style corresponds to year 1220 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1220 BCE
geocentric

SEPTEMBER 1220 BCE (-1219) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 55 34	26♌51'49	22♏ 6	10♌ 2	11♋ 9	23♏31	11♏45	22°R22	12♍57	10♊46	15♎ 5	5°D 0	3♋22	10♓ 5	n.a.	F 1
S 2	21 59 31	27°51'20	5♐19	11°30	12°13	24°11	11°53	22♐22	13° 0	10°46	15° 7	5♋ 0	3°18	10°12	n.a.	S 2
S 3	22 3 27	28°50'52	18°10	13° 1	13°17	24°52	12° 1	22°21	13° 4	10°47	15° 9	5° 1	3°15	10°19	n.a.	S 3
M 4	22 7 24	29°50'27	0♑43	14°35	14°22	25°32	12° 9	22°21	13° 8	10°48	15°10	5°R 2	3°12	10°25	n.a.	M 4
T 5	22 11 20	0♍50'03	13° 1	16°11	15°26	26°13	12°17	22°20	13°11	10°48	15°12	5° 1	3° 9	10°32	n.a.	T 5
W 6	22 15 17	1°49'42	25° 8	17°49	16°31	26°54	12°25	22°20	13°15	10°49	15°14	4°59	3° 6	10°39	n.a.	W 6
T 7	22 19 13	2°49'22	7♒ 8	19°28	17°37	27°35	12°34	22°20	13°19	10°50	15°16	4°54	3° 2	10°45	n.a.	T 7
F 8	22 23 10	3°49'05	19° 4	21° 9	18°42	28°16	12°43	22°D20	13°23	10°50	15°18	4°47	2°59	10°52	n.a.	F 8
S 9	22 27 6	4°48'49	0♓57	22°51	19°48	28°57	12°51	22°20	13°26	10°51	15°20	4°37	2°56	10°59	n.a.	S 9
S 10	22 31 3	5°48'36	12°49	24°33	20°54	29°38	13° 0	22°20	13°30	10°51	15°22	4°26	2°53	11° 6	n.a.	S 10
M11	22 34 59	6°48'24	24°41	26°15	22° 1	0♐20	13° 9	22°21	13°34	10°52	15°24	4°13	2°50	11°12	n.a.	M11
T 12	22 38 56	7°48'15	6♈35	27°58	23° 7	1° 1	13°18	22°21	13°38	10°52	15°26	4° 1	2°47	11°19	n.a.	T 12
W13	22 42 53	8°48'08	18°33	29°40	24°14	1°43	13°28	22°21	13°41	10°53	15°28	3°50	2°43	11°26	n.a.	W13
T 14	22 46 49	9°48'03	0♉37	1♍23	25°21	2°24	13°37	22°22	13°45	10°53	15°30	3°42	2°40	11°32	n.a.	T 14
F 15	22 50 46	10°48'01	12°50	3° 6	26°28	3° 6	13°47	22°23	13°49	10°54	15°32	3°35	2°37	11°39	n.a.	F 15
S 16	22 54 42	11°48'01	25°15	4°48	27°36	3°48	13°56	22°24	13°53	10°54	15°34	3°32	2°34	11°46	n.a.	S 16
S 17	22 58 39	12°48'04	7♊57	6°30	28°44	4°30	14° 6	22°24	13°57	10°54	15°36	3°D31	2°31	11°53	n.a.	S 17
M18	23 2 35	13°48'08	20°58	8°12	29°52	5°12	14°16	22°25	14° 0	10°54	15°38	3°31	2°27	11°59	n.a.	M18
T 19	23 6 32	14°48'15	4♋25	9°53	1♌ 0	5°54	14°26	22°27	14° 4	10°55	15°40	3°R31	2°24	12° 6	n.a.	T 19
W20	23 10 28	15°48'25	18°19	11°34	2° 8	6°36	14°36	22°28	14° 8	10°55	15°42	3°30	2°21	12°13	n.a.	W20
T 21	23 14 25	16°48'36	2♌40	13°14	3°17	7°19	14°46	22°29	14°12	10°55	15°44	3°27	2°18	12°19	n.a.	T 21
F 22	23 18 22	17°48'50	17°28	14°54	4°26	8° 1	14°56	22°30	14°16	10°55	15°47	3°22	2°15	12°26	n.a.	F 22
S 23	23 22 18	18°49'06	2♍36	16°34	5°35	8°43	15° 7	22°32	14°19	10°55	15°49	3°13	2°12	12°33	n.a.	S 23
S 24	23 26 15	19°49'24	17°56	18°13	6°44	9°26	15°17	22°34	14°23	10°55	15°51	3° 3	2° 8	12°40	n.a.	S 24
M25	23 30 11	20°49'44	3♎15	19°51	7°53	10° 9	15°28	22°35	14°27	10°R55	15°53	2°52	2° 5	12°46	n.a.	M25
T 26	23 34 8	21°50'05	18°22	21°29	9° 3	10°51	15°39	22°37	14°31	10°55	15°55	2°41	2° 2	12°53	n.a.	T 26
W27	23 38 4	22°50'29	3♏ 8	23° 7	10°12	11°34	15°49	22°39	14°34	10°55	15°58	2°32	1°59	13° 0	n.a.	W27
T 28	23 42 1	23°50'54	17°25	24°44	11°22	12°17	16° 0	22°41	14°38	10°55	16° 0	2°25	1°56	13° 6	n.a.	T 28
F 29	23 45 57	24°51'21	1♐13	26°21	12°32	13° 0	16°11	22°43	14°42	10°55	16° 2	2°21	1°53	13°13	n.a.	F 29
S 30	23 49 54	25♍51'49	14♐31	27♍58	13♌42	13♐43	16♏23	22♐45	14♍46	10♊55	16♎ 4	2♋19	1♋49	13♓20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n46	15s13	3n30	19n37	1n39	21n53	1s29	21s21	2s28	15s15	0n23	23s43	0s 6	7n28	0n43	21n29	0s57	6n 9	13n14	23n45	23n48	12s16		n.a.
S 2	12 25	19 3	2 33	19 17	1 44	21 53	1 23	21 30	2 27	15 17	0 23	23 43	0 7	7 27	0 43	21 30	0 57	6 8	13 14	23 45	23 48	12 14		n.a.
S 3	12 4	21 49	1 29	18 55	1 49	21 52	1 18	21 40	2 27	15 20	0 23	23 43	0 7	7 25	0 43	21 30	0 57	6 7	13 14	23 45	23 48	12 12		n.a.
M 4	11 43	23 27	0 23	18 31	1 52	21 51	1 13	21 50	2 26	15 23	0 23	23 44	0 7	7 24	0 43	21 30	0 57	6 6	13 13	23 45	23 48	12 10		n.a.
T 5	11 22	23 54	0s43	18 4	1 55	21 49	1 8	21 59	2 26	15 25	0 22	23 44	0 7	7 23	0 43	21 30	0 57	6 5	13 13	23 45	23 48	12 7		n.a.
W 6	11 0	23 12	1 46	17 35	1 56	21 46	1 2	22 9	2 25	15 28	0 22	23 44	0 7	7 21	0 43	21 30	0 57	6 4	13 12	23 45	23 48	12 5		n.a.
T 7	10 38	21 25	2 43	17 5	1 57	21 43	0 57	22 18	2 25	15 31	0 22	23 44	0 7	7 20	0 43	21 30	0 57	6 3	13 12	23 45	23 48	12 3		n.a.
F 8	10 16	18 43	3 33	16 32	1 57	21 39	0 52	22 27	2 24	15 34	0 22	23 44	0 7	7 18	0 43	21 30	0 57	6 2	13 12	23 45	23 48	12 0		n.a.
S 9	9 54	15 15	4 13	15 58	1 57	21 34	0 47	22 36	2 24	15 37	0 22	23 44	0 7	7 17	0 43	21 30	0 57	6 0	13 11	23 45	23 48	11 58		n.a.
S 10	9 32	11 11	4 42	15 22	1 55	21 29	0 42	22 44	2 23	15 40	0 22	23 44	0 7	7 15	0 43	21 30	0 57	5 59	13 11	23 46	23 48	11 56		n.a.
M11	9 10	6 42	4 58	14 45	1 53	21 24	0 37	22 53	2 22	15 43	0 21	23 44	0 7	7 14	0 43	21 30	0 57	5 58	13 11	23 46	23 49	11 54		n.a.
T 12	8 47	1 57	5 2	14 7	1 51	21 17	0 32	23 1	2 22	15 45	0 21	23 44	0 7	7 12	0 43	21 30	0 57	5 57	13 10	23 47	23 49	11 51		n.a.
W13	8 24	2n53	4 53	13 28	1 48	21 11	0 28	23 9	2 21	15 48	0 21	23 44	0 7	7 11	0 43	21 30	0 57	5 56	13 10	23 47	23 49	11 49		n.a.
T 14	8 1	7 40	4 30	12 47	1 45	21 3	0 23	23 17	2 21	15 52	0 21	23 44	0 7	7 9	0 43	21 30	0 57	5 55	13 10	23 47	23 49	11 47		n.a.
F 15	7 38	12 13	3 55	12 7	1 41	20 55	0 18	23 25	2 20	15 55	0 21	23 44	0 8	7 8	0 43	21 30	0 57	5 54	13 9	23 47	23 49	11 44		n.a.
S 16	7 15	16 21	3 8	11 25	1 37	20 46	0 13	23 33	2 19	15 58	0 21	23 45	0 8	7 6	0 43	21 30	0 57	5 53	13 9	23 47	23 49	11 42		n.a.
S 17	6 52	19 50	2 11	10 43	1 33	20 37	0 9	23 40	2 19	16 1	0 20	23 45	0 8	7 5	0 43	21 30	0 57	5 52	13 9	23 48	23 49	11 40		n.a.
M18	6 28	22 26	1 6	10 0	1 28	20 27	0 4	23 47	2 18	16 4	0 20	23 45	0 8	7 3	0 43	21 30	0 57	5 51	13 8	23 48	23 49	11 37		n.a.
T 19	6 5	23 51	0n 5	9 16	1 23	20 16	0n 0	23 54	2 17	16 7	0 20	23 45	0 8	7 2	0 43	21 30	0 57	5 50	13 8	23 48	23 49	11 35		n.a.
W20	5 41	23 51	1 18	8 33	1 18	20 5	0 5	24 1	2 17	16 10	0 20	23 45	0 8	7 0	0 43	21 30	0 57	5 49	13 8	23 48	23 49	11 33		n.a.
T 21	5 17	22 17	2 28	7 49	1 13	19 54	0 9	24 8	2 16	16 13	0 20	23 45	0 8	6 59	0 43	21 30	0 58	5 48	13 7	23 48	23 49	11 30		n.a.
F 22	4 54	19 11	3 30	7 4	1 7	19 41	0 13	24 14	2 15	16 17	0 20	23 45	0 8	6 57	0 43	21 30	0 58	5 46	13 7	23 48	23 49	11 28		n.a.
S 23	4 30	14 44	4 19	6 20	1 1	19 28	0 17	24 21	2 15	16 20	0 19	23 46	0 8	6 56	0 43	21 30	0 58	5 45	13 7	23 48	23 49	11 25		n.a.
S 24	4 6	9 17	4 50	5 35	0 55	19 15	0 21	24 27	2 14	16 23	0 19	23 46	0 8	6 54	0 43	21 30	0 58	5 44	13 7	23 48	23 49	11 23		n.a.
M25	3 42	3 16	5 1	4 50	0 49	19 1	0 25	24 32	2 13	16 26	0 19	23 46	0 8	6 53	0 43	21 30	0 58	5 43	13 6	23 48	23 49	11 21		n.a.
T 26	3 17	2s52	4 50	4 5	0 43	18 46	0 29	24 38	2 13	16 30	0 19	23 46	0 8	6 51	0 43	21 30	0 58	5 42	13 6	23 49	23 49	11 18		n.a.
W27	2 53	8 42	4 19	3 21	0 37	18 31	0 33	24 43	2 12	16 33	0 19	23 46	0 8	6 50	0 43	21 30	0 58	5 41	13 6	23 49	23 49	11 16		n.a.
T 28	2 29	13 54	3 34	2 36	0 31	18 15	0 37	24 49	2 11	16 36	0 19	23 46	0 8	6 49	0 43	21 30	0 58	5 40	13 6	23 49	23 50	11 14		n.a.
F 29	2 5	18 12	2 36	1 51	0 24	17 59	0 41	24 54	2 10	16 40	0 18	23 47	0 9	6 47	0 43	21 30	0 58	5 39	13 5	23 49	23 50	11 11		n.a.
S 30	1n40	21s23	1n33	1n 6	0n18	17n42	0n44	24s58	2s10	16s43	0n18	23s47	0s 9	6n46	0n43	21n30	0s58	5n38	13n 5	23n49	23n50	11s 9		n.a.

Julian Day Number = 1276061.5, Delta T = 08h12m36s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'17, Lahiri = -20°47'17 Julian Calendar 1 Sept. 1220 BCE == Greg. Calendar 21 Aug. 1220 BCE

The year -1219 astronomical counting style corresponds to year 1220 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1220 BCE
geocentric

OCTOBER 1220 BCE (-1219) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 53 50	26♍52'19	27♐23	29♍34	14♌52	14♐26	16♏34	22♐48	14♍49	10°R55	16♎ 7	2°R19	1♋46	13♓27	n.a.	S 1
M 2	23 57 47	27°52'50	9♑54	1♎ 9	16° 3	15° 9	16°45	22°50	14°53	10♊54	16° 9	2♋19	1°43	13°33	n.a.	M 2
T 3	0 1 44	28°53'23	22° 7	2°45	17°13	15°52	16°56	22°53	14°57	10°54	16°11	2°18	1°40	13°40	n.a.	T 3
W 4	0 5 40	29°53'57	4♒ 9	4°20	18°24	16°35	17° 8	22°55	15° 1	10°54	16°14	2°14	1°37	13°47	n.a.	W 4
T 5	0 9 37	0♎54'32	16° 4	5°54	19°35	17°18	17°19	22°58	15° 4	10°53	16°16	2° 8	1°33	13°53	n.a.	T 5
F 6	0 13 33	1°55'10	27°55	7°29	20°46	18° 2	17°31	23° 1	15° 8	10°53	16°18	1°59	1°30	14° 0	n.a.	F 6
S 7	0 17 30	2°55'48	9♓46	9° 3	21°57	18°45	17°43	23° 4	15°12	10°53	16°21	1°48	1°27	14° 7	n.a.	S 7
S 8	0 21 26	3°56'28	21°39	10°36	23° 8	19°28	17°55	23° 7	15°15	10°52	16°23	1°34	1°24	14°14	n.a.	S 8
M 9	0 25 23	4°57'10	3♈35	12°10	24°20	20°12	18° 6	23°10	15°19	10°52	16°25	1°19	1°21	14°20	n.a.	M 9
T 10	0 29 19	5°57'53	15°36	13°43	25°31	20°55	18°18	23°13	15°23	10°51	16°28	1° 4	1°18	14°27	n.a.	T 10
W11	0 33 16	6°58'37	27°42	15°16	26°43	21°39	18°30	23°16	15°26	10°51	16°30	0°51	1°14	14°34	n.a.	W11
T 12	0 37 13	7°59'24	9♉55	16°49	27°54	22°22	18°43	23°19	15°30	10°50	16°32	0°40	1°11	14°41	n.a.	T 12
F 13	0 41 9	9° 0'12	22°17	18°21	29° 6	23° 6	18°55	23°23	15°33	10°50	16°35	0°31	1° 8	14°47	n.a.	F 13
S 14	0 45 6	10° 1'01	4♊48	19°54	0♍18	23°50	19° 7	23°26	15°37	10°49	16°37	0°26	1° 5	14°54	n.a.	S 14
S 15	0 49 2	11° 1'53	17°33	21°26	1°30	24°33	19°19	23°30	15°40	10°48	16°40	0°24	1° 2	15° 1	n.a.	S 15
M16	0 52 59	12° 2'46	0♋34	22°58	2°42	25°17	19°32	23°34	15°44	10°48	16°42	0°D24	0°59	15° 7	n.a.	M16
T 17	0 56 55	13° 3'40	13°54	24°30	3°55	26° 1	19°44	23°37	15°47	10°47	16°44	0°R24	0°55	15°14	n.a.	T 17
W18	1 0 52	14° 4'37	27°37	26° 1	5° 7	26°44	19°57	23°41	15°51	10°46	16°47	0°23	0°52	15°21	n.a.	W18
T 19	1 4 48	15° 5'35	11♌44	27°33	6°20	27°28	20° 9	23°45	15°54	10°45	16°49	0°21	0°49	15°28	n.a.	T 19
F 20	1 8 45	16° 6'34	26°14	29° 4	7°32	28°12	20°22	23°49	15°58	10°45	16°52	0°16	0°46	15°34	n.a.	F 20
S 21	1 12 42	17° 7'35	11♍ 5	0♏35	8°45	28°56	20°35	23°53	16° 1	10°44	16°54	0° 8	0°43	15°41	n.a.	S 21
S 22	1 16 38	18° 8'37	26° 9	2° 5	9°58	29°40	20°47	23°58	16° 5	10°43	16°56	29♊58	0°39	15°48	n.a.	S 22
M23	1 20 35	19° 9'40	11♎18	3°36	11°10	0♑24	21° 0	24° 2	16° 8	10°42	16°59	29°47	0°36	15°54	n.a.	M23
T 24	1 24 31	20°10'45	26°21	5° 5	12°23	1° 8	21°13	24° 6	16°11	10°41	17° 1	29°36	0°33	16° 1	n.a.	T 24
W25	1 28 28	21°11'50	11♏ 7	6°35	13°36	1°52	21°26	24°11	16°15	10°40	17° 3	29°27	0°30	16° 8	n.a.	W25
T 26	1 32 24	22°12'57	25°30	8° 4	14°49	2°36	21°39	24°15	16°18	10°39	17° 6	29°20	0°27	16°15	n.a.	T 26
F 27	1 36 21	23°14'04	9♐25	9°33	16° 2	3°20	21°52	24°20	16°21	10°38	17° 8	29°16	0°24	16°21	n.a.	F 27
S 28	1 40 17	24°15'13	22°50	11° 1	17°16	4° 4	22° 5	24°24	16°24	10°37	17°11	29°14	0°20	16°28	n.a.	S 28
S 29	1 44 14	25°16'22	5♑49	12°28	18°29	4°48	22°19	24°29	16°27	10°36	17°13	29°D14	0°17	16°35	n.a.	S 29
M30	1 48 11	26°17'31	18°24	13°54	19°42	5°32	22°32	24°34	16°31	10°35	17°15	29°14	0°14	16°41	n.a.	M30
T 31	1 52 7	27♎18'41	0♒40	15♏20	20♍56	6♑16	22♏45	24♐39	16♍34	10♊34	17♎18	29°R15	0♋11	16♓48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	1n16	23s23	0n26	0n21	0n11	17n24	0n48	25s 3	2s 9	16s47	0n18	23s47	0s 9	6n44	0n43	21n30	0s58	5n37	13n 5	23n49	23n50	11s 6		n.a.	
M 2	0 51	24 8	0s40	0s24	0 5	17 6	0 51	25 7	2 8	16 50	0 18	23 47	0 9	6 43	0 43	21 30	0 58	5 36	13 5	23 49	23 50	11 4		n.a.	
T 3	0 27	23 41	1 43	1 8	0s 2	16 48	0 55	25 11	2 7	16 53	0 18	23 47	0 9	6 41	0 43	21 30	0 58	5 35	13 5	23 49	23 50	11 2		n.a.	
W 4	0 2	22 7	2 40	1 52	0 8	16 29	0 58	25 15	2 7	16 57	0 18	23 48	0 9	6 40	0 43	21 30	0 58	5 34	13 4	23 49	23 50	10 59		n.a.	
T 5	0s22	19 36	3 29	2 36	0 15	16 9	1 1	25 19	2 6	17 0	0 18	23 48	0 9	6 38	0 43	21 30	0 58	5 33	13 4	23 49	23 50	10 57		n.a.	
F 6	0 47	16 16	4 9	3 20	0 21	15 49	1 4	25 22	2 5	17 4	0 17	23 48	0 9	6 37	0 43	21 30	0 58	5 31	13 4	23 49	23 50	10 54		n.a.	
S 7	1 11	12 18	4 38	4 4	0 28	15 29	1 7	25 25	2 4	17 7	0 17	23 48	0 9	6 35	0 43	21 30	0 58	5 30	13 4	23 50	23 50	10 52		n.a.	
S 8	1 36	7 52	4 55	4 47	0 34	15 8	1 10	25 28	2 3	17 11	0 17	23 49	0 9	6 34	0 43	21 30	0 58	5 29	13 4	23 50	23 50	10 50		n.a.	
M 9	2 0	3 7	4 59	5 30	0 40	14 47	1 13	25 31	2 3	17 14	0 17	23 49	0 9	6 33	0 43	21 30	0 58	5 28	13 4	23 50	23 50	10 47		n.a.	
T 10	2 24	1n48	4 50	6 13	0 47	14 25	1 16	25 33	2 2	17 18	0 17	23 49	0 9	6 31	0 43	21 30	0 58	5 27	13 3	23 50	23 50	10 45		n.a.	
W11	2 49	6 40	4 28	6 55	0 53	14 3	1 18	25 35	2 1	17 21	0 17	23 49	0 9	6 30	0 43	21 29	0 58	5 26	13 3	23 50	23 50	10 42		n.a.	
T 12	3 13	11 21	3 53	7 37	0 59	13 40	1 21	25 37	2 0	17 25	0 17	23 49	0 9	6 28	0 43	21 29	0 58	5 25	13 3	23 50	23 50	10 40		n.a.	
F 13	3 38	15 38	3 7	8 19	1 5	13 17	1 23	25 39	1 59	17 28	0 16	23 50	0 9	6 27	0 43	21 29	0 58	5 24	13 3	23 50	23 50	10 38		n.a.	
S 14	4 2	19 19	2 11	9 0	1 11	12 53	1 26	25 40	1 58	17 32	0 16	23 50	0 10	6 26	0 43	21 29	0 58	5 23	13 3	23 50	23 50	10 35		n.a.	
S 15	4 26	22 8	1 7	9 41	1 17	12 29	1 28	25 41	1 58	17 35	0 16	23 50	0 10	6 24	0 43	21 29	0 58	5 22	13 3	23 50	23 50	10 33		n.a.	
M16	4 50	23 51	0n 1	10 21	1 22	12 5	1 30	25 42	1 57	17 39	0 16	23 50	0 10	6 23	0 43	21 29	0 58	5 21	13 3	23 50	23 50	10 30		n.a.	
T 17	5 14	24 16	1 11	11 0	1 28	11 40	1 32	25 43	1 56	17 43	0 16	23 51	0 10	6 21	0 43	21 29	0 58	5 20	13 3	23 50	23 50	10 28		n.a.	
W18	5 38	23 15	2 19	11 39	1 33	11 15	1 34	25 43	1 55	17 46	0 16	23 51	0 10	6 20	0 43	21 29	0 58	5 19	13 2	23 50	23 50	10 25		n.a.	
T 19	6 2	20 45	3 20	12 18	1 38	10 50	1 36	25 43	1 54	17 50	0 16	23 51	0 10	6 19	0 43	21 29	0 58	5 18	13 2	23 50	23 50	10 23		n.a.	
F 20	6 26	16 54	4 10	12 56	1 43	10 24	1 38	25 43	1 53	17 53	0 15	23 51	0 10	6 17	0 43	21 28	0 58	5 17	13 2	23 50	23 50	10 21		n.a.	
S 21	6 50	11 55	4 45	13 33	1 48	9 58	1 40	25 43	1 52	17 57	0 15	23 52	0 10	6 16	0 43	21 28	0 58	5 16	13 2	23 50	23 50	10 18		n.a.	
S 22	7 14	6 8	5 1	14 9	1 53	9 31	1 41	25 42	1 52	18 0	0 15	23 52	0 10	6 15	0 43	21 28	0 58	5 15	13 2	23 50	23 50	10 16		n.a.	
M23	7 37	0s 1	4 55	14 45	1 57	9 4	1 43	25 41	1 51	18 4	0 15	23 52	0 10	6 13	0 43	21 28	0 58	5 14	13 2	23 50	23 50	10 13		n.a.	
T 24	8 1	6 9	4 30	15 20	2 1	8 37	1 44	25 40	1 50	18 8	0 15	23 53	0 10	6 12	0 43	21 28	0 58	5 13	13 2	23 50	23 50	10 11		n.a.	
W25	8 24	11 50	3 46	15 54	2 5	8 10	1 45	25 38	1 49	18 11	0 15	23 53	0 10	6 11	0 43	21 28	0 58	5 12	13 2	23 50	23 50	10 8		n.a.	
T 26	8 47	16 43	2 49	16 27	2 8	7 43	1 47	25 37	1 48	18 15	0 15	23 53	0 10	6 10	0 43	21 27	0 58	5 11	13 2	23 50	23 50	10 6		n.a.	
F 27	9 10	20 32	1 43	16 59	2 11	7 15	1 48	25 35	1 47	18 18	0 15	23 53	0 10	6 8	0 44	21 27	0 58	5 11	13 2	23 50	23 50	10 3		n.a.	
S 28	9 33	23 5	0 34	17 30	2 14	6 47	1 49	25 33	1 46	18 22	0 14	23 54	0 10	6 7	0 44	21 27	0 58	5 10	13 2	23 50	23 50	10 1		n.a.	
S 29	9 56	24 18	0s35	17 59	2 16	6 18	1 50	25 30	1 45	18 25	0 14	23 54	0 11	6 6	0 44	21 27	0 58	5 9	13 2	23 50	23 50	9 58		n.a.	
M30	10 19	24 13	1 40	18 28	2 18	5 50	1 51	25 28	1 44	18 29	0 14	23 54	0 11	6 5	0 44	21 27	0 58	5 8	13 2	23 50	23 50	9 56		n.a.	
T 31	10s41	22s56	2s39	18s55	2s19	5n21	1n51	25s25	1s44	18s33	0n14	23s54	0s11	6n 3	0n44	21n27	0s58	5n 7	13n 2	23n50	23n50	9s53		n.a.	

Julian Day Number = 1276091.5, Delta T = 08h12m34s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'13, Lahiri = -20°47'13 Julian Calendar 1 Oct. 1220 BCE == Greg. Calendar 20 Sept. 1220 BCE

The year -1219 astronomical counting style corresponds to year 1220 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1220 BCE
geocentric

NOVEMBER 1220 BCE (-1219) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 56 4	28♎19'52	12♒42	16♏44	22♍ 9	7♉ 0	22♏58	24♐44	16♍37	10°R33	17♎20	29°R13	0♋ 8	16♓55	n.a.	W 1
T 2	2 0 0	29°21'03	24°37	18° 7	23°23	7°44	23°12	24°49	16°40	10♊31	17°23	29♊10	0° 4	17° 2	n.a.	T 2
F 3	2 3 57	0♏22'14	6♓28	19°28	24°36	8°28	23°25	24°54	16°43	10°30	17°25	29° 4	0° 1	17° 8	n.a.	F 3
S 4	2 7 53	1°23'27	18°19	20°48	25°50	9°12	23°39	24°59	16°46	10°29	17°27	28°56	29♊58	17°15	n.a.	S 4
S 5	2 11 50	2°24'39	0♈14	22° 5	27° 3	9°56	23°52	25° 4	16°49	10°28	17°30	28°45	29°55	17°22	n.a.	S 5
M 6	2 15 46	3°25'52	12°15	23°20	28°17	10°40	24° 6	25°10	16°52	10°27	17°32	28°34	29°52	17°28	n.a.	M 6
T 7	2 19 43	4°27'05	24°24	24°32	29°31	11°25	24°19	25°15	16°55	10°25	17°34	28°23	29°49	17°35	n.a.	T 7
W 8	2 23 40	5°28'19	6♉42	25°41	0♎45	12° 9	24°33	25°21	16°57	10°24	17°37	28°13	29°45	17°42	n.a.	W 8
T 9	2 27 36	6°29'34	19°10	26°45	1°59	12°53	24°46	25°26	17° 0	10°23	17°39	28° 5	29°42	17°49	n.a.	T 9
F 10	2 31 33	7°30'49	1♊48	27°45	3°13	13°37	25° 0	25°32	17° 3	10°21	17°41	27°59	29°39	17°55	n.a.	F 10
S 11	2 35 29	8°32'05	14°36	28°40	4°27	14°21	25°14	25°37	17° 6	10°20	17°43	27°56	29°36	18° 2	n.a.	S 11
S 12	2 39 26	9°33'21	27°36	29°29	5°41	15° 5	25°27	25°43	17° 8	10°19	17°46	27°D55	29°33	18° 9	n.a.	S 12
M13	2 43 22	10°34'38	10♋48	0♐11	6°55	15°49	25°41	25°49	17°11	10°17	17°48	27°56	29°30	18°16	n.a.	M13
T 14	2 47 19	11°35'55	24°14	0°45	8° 9	16°33	25°55	25°55	17°14	10°16	17°50	27°57	29°26	18°22	n.a.	T 14
W15	2 51 16	12°37'13	7♌56	1°11	9°23	17°17	26° 9	26° 0	17°16	10°14	17°52	27°R58	29°23	18°29	n.a.	W15
T 16	2 55 12	13°38'32	21°54	1°27	10°37	18° 2	26°22	26° 6	17°19	10°13	17°55	27°58	29°20	18°36	n.a.	T 16
F 17	2 59 9	14°39'51	6♍ 8	1°R33	11°51	18°46	26°36	26°12	17°21	10°11	17°57	27°56	29°17	18°42	n.a.	F 17
S 18	3 3 5	15°41'10	20°36	1°27	13° 6	19°30	26°50	26°18	17°24	10°10	17°59	27°52	29°14	18°49	n.a.	S 18
S 19	3 7 2	16°42'30	5♎14	1°11	14°20	20°14	27° 4	26°24	17°26	10° 8	18° 1	27°46	29°10	18°56	n.a.	S 19
M20	3 10 58	17°43'50	19°57	0°42	15°34	20°58	27°18	26°31	17°28	10° 7	18° 3	27°40	29° 7	19° 3	n.a.	M20
T 21	3 14 55	18°45'10	4♏37	0° 2	16°48	21°42	27°32	26°37	17°31	10° 5	18° 5	27°33	29° 4	19° 9	n.a.	T 21
W22	3 18 51	19°46'30	19° 6	29♏10	18° 3	22°26	27°46	26°43	17°33	10° 4	18° 8	27°28	29° 1	19°16	n.a.	W22
T 23	3 22 48	20°47'50	3♐18	28° 9	19°17	23°10	28° 0	26°49	17°35	10° 2	18°10	27°24	28°58	19°23	n.a.	T 23
F 24	3 26 45	21°49'10	17° 9	26°59	20°32	23°54	28°14	26°56	17°37	10° 0	18°12	27°21	28°55	19°29	n.a.	F 24
S 25	3 30 41	22°50'30	0♑35	25°43	21°46	24°38	28°28	27° 2	17°40	9°59	18°14	27°D21	28°51	19°36	n.a.	S 25
S 26	3 34 38	23°51'49	13°37	24°23	23° 1	25°22	28°42	27° 8	17°42	9°57	18°16	27°22	28°48	19°43	n.a.	S 26
M27	3 38 34	24°53'08	26°17	23° 3	24°15	26° 6	28°56	27°15	17°44	9°56	18°18	27°24	28°45	19°50	n.a.	M27
T 28	3 42 31	25°54'27	8♒37	21°43	25°29	26°50	29°10	27°21	17°46	9°54	18°20	27°25	28°42	19°56	n.a.	T 28
W29	3 46 27	26°55'45	20°44	20°28	26°44	27°34	29°24	27°28	17°48	9°52	18°22	27°27	28°39	20° 3	n.a.	W29
T 30	3 50 24	27♏57'02	2♓41	19♏18	27♎58	28♉18	29♏38	27♐34	17♍49	9♊51	18♎24	27°R27	28♊36	20♓10	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s 4	20s38	3s30	19s21	2s20	4n52	1n52	25s22	1s43	18s36	0n14	23s55	0s11	6n 2	0n44	21n26	0s58	5n 6	13n 2	23n50	23n50	9s51		n.a.
T 2	11 26	17 28	4 11	19 45	2 20	4 23	1 53	25 18	1 42	18 40	0 14	23 55	0 11	6 1	0 44	21 26	0 58	5 5	13 2	23 50	23 50	9 48		n.a.
F 3	11 47	13 38	4 41	20 8	2 20	3 54	1 53	25 14	1 41	18 43	0 14	23 55	0 11	6 0	0 44	21 26	0 58	5 4	13 2	23 50	23 50	9 46		n.a.
S 4	12 9	9 16	4 59	20 29	2 19	3 25	1 53	25 10	1 40	18 47	0 14	23 56	0 11	5 59	0 44	21 26	0 58	5 3	13 2	23 50	23 50	9 43		n.a.
S 5	12 31	4 33	5 4	20 48	2 17	2 55	1 54	25 6	1 39	18 50	0 13	23 56	0 11	5 58	0 44	21 26	0 58	5 3	13 2	23 50	23 50	9 41		n.a.
M 6	12 52	0n23	4 56	21 5	2 15	2 26	1 54	25 2	1 38	18 54	0 13	23 56	0 11	5 56	0 44	21 26	0 58	5 2	13 2	23 50	23 50	9 38		n.a.
T 7	13 13	5 22	4 34	21 21	2 12	1 56	1 54	24 57	1 37	18 57	0 13	23 56	0 11	5 55	0 44	21 25	0 58	5 1	13 2	23 50	23 50	9 36		n.a.
W 8	13 34	10 13	3 59	21 34	2 7	1 26	1 54	24 52	1 36	19 1	0 13	23 57	0 11	5 54	0 44	21 25	0 58	5 0	13 2	23 50	23 50	9 33		n.a.
T 9	13 55	14 43	3 13	21 44	2 2	0 56	1 54	24 47	1 35	19 4	0 13	23 57	0 11	5 53	0 44	21 25	0 58	4 59	13 2	23 50	23 50	9 31		n.a.
F 10	14 15	18 39	2 16	21 52	1 56	0 26	1 54	24 42	1 34	19 8	0 13	23 57	0 11	5 52	0 44	21 25	0 58	4 58	13 2	23 49	23 50	9 28		n.a.
S 11	14 35	21 45	1 11	21 58	1 49	0s 4	1 53	24 36	1 33	19 11	0 13	23 57	0 11	5 51	0 44	21 25	0 58	4 58	13 2	23 49	23 50	9 26		n.a.
S 12	14 55	23 47	0 2	22 0	1 40	0 34	1 53	24 30	1 32	19 15	0 13	23 58	0 11	5 50	0 44	21 24	0 58	4 57	13 2	23 49	23 50	9 23		n.a.
M13	15 15	24 32	1n 9	22 0	1 31	1 4	1 53	24 24	1 32	19 18	0 12	23 58	0 12	5 49	0 44	21 24	0 58	4 56	13 2	23 49	23 50	9 21		n.a.
T 14	15 34	23 53	2 17	21 57	1 20	1 34	1 52	24 18	1 31	19 21	0 12	23 58	0 12	5 48	0 44	21 24	0 58	4 55	13 3	23 49	23 50	9 18		n.a.
W15	15 53	21 47	3 19	21 50	1 7	2 4	1 52	24 11	1 30	19 25	0 12	23 58	0 12	5 47	0 44	21 24	0 58	4 55	13 3	23 49	23 50	9 16		n.a.
T 16	16 12	18 23	4 10	21 40	0 53	2 34	1 51	24 4	1 29	19 28	0 12	23 59	0 12	5 46	0 44	21 23	0 58	4 54	13 3	23 49	23 50	9 13		n.a.
F 17	16 30	13 51	4 47	21 26	0 38	3 5	1 50	23 57	1 28	19 32	0 12	23 59	0 12	5 45	0 44	21 23	0 58	4 53	13 3	23 49	23 50	9 11		n.a.
S 18	16 49	8 28	5 7	21 9	0 22	3 35	1 49	23 50	1 27	19 35	0 12	23 59	0 12	5 44	0 44	21 23	0 58	4 53	13 3	23 49	23 50	9 8		n.a.
S 19	17 7	2 34	5 7	20 48	0 4	4 5	1 49	23 42	1 26	19 38	0 12	23 59	0 12	5 43	0 44	21 23	0 58	4 52	13 3	23 49	23 50	9 6		n.a.
M20	17 24	3s31	4 46	20 24	0n15	4 35	1 48	23 34	1 25	19 42	0 12	24 0	0 12	5 42	0 44	21 23	0 58	4 51	13 3	23 49	23 50	9 3		n.a.
T 21	17 41	9 24	4 7	19 56	0 34	5 5	1 47	23 26	1 24	19 45	0 12	24 0	0 12	5 41	0 44	21 22	0 58	4 50	13 3	23 49	23 50	9 0		n.a.
W22	17 58	14 42	3 13	19 25	0 54	5 34	1 45	23 18	1 23	19 48	0 11	24 0	0 12	5 41	0 44	21 22	0 58	4 50	13 4	23 49	23 50	8 58		n.a.
T 23	18 15	19 5	2 7	18 52	1 15	6 4	1 44	23 10	1 22	19 52	0 11	24 0	0 12	5 40	0 44	21 22	0 58	4 49	13 4	23 49	23 50	8 55		n.a.
F 24	18 31	22 17	0 55	18 17	1 34	6 34	1 43	23 1	1 21	19 55	0 11	24 0	0 12	5 39	0 44	21 22	0 58	4 49	13 4	23 49	23 50	8 53		n.a.
S 25	18 47	24 8	0s18	17 41	1 53	7 3	1 42	22 52	1 20	19 58	0 11	24 1	0 12	5 38	0 44	21 21	0 58	4 48	13 4	23 49	23 50	8 50		n.a.
S 26	19 3	24 35	1 28	17 4	2 11	7 32	1 40	22 43	1 19	20 1	0 11	24 1	0 12	5 37	0 44	21 21	0 58	4 47	13 4	23 49	23 50	8 48		n.a.
M27	19 18	23 43	2 31	16 29	2 27	8 2	1 39	22 34	1 19	20 5	0 11	24 1	0 12	5 36	0 44	21 21	0 58	4 47	13 4	23 49	23 50	8 45		n.a.
T 28	19 33	21 43	3 27	15 55	2 41	8 31	1 37	22 24	1 18	20 8	0 11	24 1	0 13	5 36	0 44	21 21	0 58	4 46	13 5	23 49	23 50	8 43		n.a.
W29	19 48	18 47	4 11	15 24	2 52	8 59	1 36	22 15	1 17	20 11	0 11	24 1	0 13	5 35	0 44	21 20	0 58	4 46	13 5	23 49	23 50	8 40		n.a.
T 30	20s 2	15s 6	4s45	14s56	3n 2	9s28	1n34	22s 5	1s16	20s14	0n11	24s 2	0s13	5n34	0n44	21n20	0s58	4n45	13n 5	23n49	23n50	8s37		n.a.

Julian Day Number = 1276122.5, Delta T = 08h12m32s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'09, Lahiri = -20°47'09 Julian Calendar 1 Nov. 1220 BCE == Greg. Calendar 21 Oct. 1220 BCE

The year -1219 astronomical counting style corresponds to year 1220 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1220 BCE
geocentric

DECEMBER 1220 BCE (-1219) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 54 21	28♏58'18	14♓33	18°R16	29♎13	29♑ 2	29♏52	27♐41	17♍51	9°R49	18♎26	27°R25	28♊32	20♓17	n.a.	F 1
S 2	3 58 17	29°59'34	26°25	17♏23	0♏28	29°46	0♐ 6	27°48	17°53	9♊47	18°28	27♊23	28°29	20°23	n.a.	S 2
S 3	4 2 14	1♐ 0'49	8♈22	16°39	1°42	0♒30	0°20	27°54	17°55	9°46	18°30	27°19	28°26	20°30	n.a.	S 3
M 4	4 6 10	2° 2'03	20°27	16° 6	2°57	1°14	0°34	28° 1	17°56	9°44	18°32	27°15	28°23	20°37	n.a.	M 4
T 5	4 10 7	3° 3'16	2♉43	15°42	4°11	1°58	0°48	28° 8	17°58	9°42	18°34	27°11	28°20	20°43	n.a.	T 5
W 6	4 14 3	4° 4'29	15°11	15°27	5°26	2°42	1° 2	28°15	18° 0	9°41	18°35	27° 7	28°16	20°50	n.a.	W 6
T 7	4 18 0	5° 5'41	27°54	15°D22	6°40	3°26	1°16	28°22	18° 1	9°39	18°37	27° 3	28°13	20°57	n.a.	T 7
F 8	4 21 56	6° 6'53	10♊52	15°25	7°55	4°10	1°30	28°28	18° 3	9°37	18°39	27° 1	28°10	21° 4	n.a.	F 8
S 9	4 25 53	7° 8'04	24° 3	15°37	9°10	4°53	1°44	28°35	18° 4	9°36	18°41	27°D 1	28° 7	21°10	n.a.	S 9
S 10	4 29 50	8° 9'14	7♋27	15°55	10°24	5°37	1°58	28°42	18° 5	9°34	18°42	27° 1	28° 4	21°17	n.a.	S 10
M11	4 33 46	9°10'23	21° 3	16°20	11°39	6°21	2°12	28°49	18° 7	9°32	18°44	27° 2	28° 1	21°24	n.a.	M11
T 12	4 37 43	10°11'32	4♌49	16°52	12°53	7° 5	2°26	28°56	18° 8	9°30	18°46	27° 3	27°57	21°31	n.a.	T 12
W13	4 41 39	11°12'40	18°45	17°28	14° 8	7°48	2°40	29° 3	18° 9	9°29	18°48	27° 5	27°54	21°37	n.a.	W13
T 14	4 45 36	12°13'48	2♍48	18°10	15°23	8°32	2°54	29°10	18°10	9°27	18°49	27° 5	27°51	21°44	n.a.	T 14
F 15	4 49 32	13°14'55	16°57	18°56	16°37	9°16	3° 8	29°17	18°11	9°25	18°51	27°R 6	27°48	21°51	n.a.	F 15
S 16	4 53 29	14°16'01	1♎10	19°47	17°52	9°59	3°22	29°24	18°13	9°24	18°52	27° 5	27°45	21°57	n.a.	S 16
S 17	4 57 26	15°17'06	15°26	20°41	19° 7	10°43	3°36	29°31	18°14	9°22	18°54	27° 4	27°42	22° 4	n.a.	S 17
M18	5 1 22	16°18'11	29°40	21°38	20°21	11°27	3°50	29°38	18°14	9°20	18°56	27° 3	27°38	22°11	n.a.	M18
T 19	5 5 19	17°19'15	13♏49	22°38	21°36	12°10	4° 4	29°46	18°15	9°19	18°57	27° 1	27°35	22°18	n.a.	T 19
W20	5 9 15	18°20'18	27°49	23°41	22°51	12°54	4°18	29°53	18°16	9°17	18°58	27° 0	27°32	22°24	n.a.	W20
T 21	5 13 12	19°21'20	11♐37	24°47	24° 5	13°37	4°31	29°59	18°17	9°15	19° 0	26°59	27°29	22°31	n.a.	T 21
F 22	5 17 8	20°22'21	25° 9	25°55	25°20	14°21	4°45	0♑ 7	18°18	9°14	19° 1	26°D59	27°26	22°38	n.a.	F 22
S 23	5 21 5	21°23'21	8♑24	27° 4	26°35	15° 4	4°59	0°14	18°18	9°12	19° 3	26°59	27°22	22°45	n.a.	S 23
S 24	5 25 1	22°24'19	21°20	28°16	27°49	15°48	5°13	0°21	18°19	9°10	19° 4	27° 0	27°19	22°51	n.a.	S 24
M25	5 28 58	23°25'16	3♒58	29°30	29° 4	16°31	5°27	0°29	18°19	9° 9	19° 5	27° 0	27°16	22°58	n.a.	M25
T 26	5 32 55	24°26'11	16°20	0♐45	0♐19	17°14	5°40	0°36	18°20	9° 7	19° 7	27° 0	27°13	23° 5	n.a.	T 26
W27	5 36 51	25°27'04	28°29	2° 1	1°33	17°58	5°54	0°43	18°20	9° 5	19° 8	27° 1	27°10	23°11	n.a.	W27
T 28	5 40 48	26°27'56	10♓28	3°19	2°48	18°41	6° 8	0°50	18°21	9° 4	19° 9	27° 1	27° 7	23°18	n.a.	T 28
F 29	5 44 44	27°28'47	22°21	4°39	4° 2	19°24	6°21	0°58	18°21	9° 2	19°10	27° 1	27° 3	23°25	n.a.	F 29
S 30	5 48 41	28°29'35	4♈14	5°59	5°17	20° 8	6°35	1° 5	18°21	9° 1	19°12	27° 1	27° 0	23°32	n.a.	S 30
S 31	5 52 37	29♐30'22	16♈10	7♐21	6♐32	20♒51	6♐48	1♑12	18♍22	8♊59	19♎13	27♊ 1	26♊57	23♓38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s16	10s52	5s 5	14s32	3n 8	9s56	1n32	21s55	1s15	20s17	0n10	24s 2	0s13	5n34	0n45	21n20	0s58	4n44	13n 5	23n49	23n50	8s35		n.a.
S 2	20 29	6 13	5 13	14 13	3 13	10 25	1 31	21 44	1 14	20 21	0 10	24 2	0 13	5 33	0 45	21 20	0 58	4 44	13 5	23 49	23 50	8 32		n.a.
S 3	20 42	1 20	5 7	13 58	3 16	10 53	1 29	21 34	1 13	20 24	0 10	24 2	0 13	5 32	0 45	21 19	0 58	4 43	13 6	23 49	23 50	8 30		n.a.
M 4	20 55	3n41	4 48	13 48	3 16	11 20	1 27	21 23	1 12	20 27	0 10	24 2	0 13	5 32	0 45	21 19	0 58	4 43	13 6	23 49	23 50	8 27		n.a.
T 5	21 7	8 37	4 15	13 42	3 15	11 48	1 25	21 12	1 11	20 30	0 10	24 3	0 13	5 31	0 45	21 19	0 58	4 42	13 6	23 49	23 50	8 24		n.a.
W 6	21 19	13 19	3 30	13 41	3 12	12 15	1 23	21 1	1 10	20 33	0 10	24 3	0 13	5 30	0 45	21 19	0 58	4 42	13 6	23 48	23 50	8 22		n.a.
T 7	21 30	17 32	2 33	13 43	3 8	12 42	1 21	20 50	1 9	20 36	0 10	24 3	0 13	5 30	0 45	21 18	0 58	4 42	13 7	23 48	23 50	8 19		n.a.
F 8	21 41	21 0	1 28	13 49	3 3	13 8	1 19	20 39	1 8	20 39	0 10	24 3	0 13	5 29	0 45	21 18	0 58	4 41	13 7	23 48	23 50	8 17		n.a.
S 9	21 52	23 26	0 16	13 58	2 57	13 35	1 17	20 27	1 7	20 42	0 10	24 3	0 13	5 29	0 45	21 18	0 58	4 41	13 7	23 48	23 50	8 14		n.a.
S 10	22 2	24 35	0n57	14 9	2 51	14 0	1 15	20 15	1 6	20 45	0 9	24 3	0 13	5 28	0 45	21 18	0 58	4 40	13 7	23 48	23 49	8 11		n.a.
M11	22 12	24 17	2 9	14 24	2 43	14 26	1 12	20 3	1 6	20 48	0 9	24 3	0 13	5 28	0 45	21 17	0 58	4 40	13 8	23 48	23 49	8 9		n.a.
T 12	22 21	22 31	3 14	14 40	2 36	14 51	1 10	19 51	1 5	20 51	0 9	24 4	0 14	5 27	0 45	21 17	0 58	4 39	13 8	23 48	23 49	8 6		n.a.
W13	22 30	19 23	4 8	14 59	2 27	15 16	1 8	19 39	1 4	20 54	0 9	24 4	0 14	5 27	0 45	21 17	0 58	4 39	13 8	23 48	23 49	8 4		n.a.
T 14	22 38	15 7	4 48	15 18	2 19	15 40	1 6	19 26	1 3	20 56	0 9	24 4	0 14	5 26	0 45	21 17	0 58	4 39	13 8	23 48	23 49	8 1		n.a.
F 15	22 46	10 0	5 11	15 40	2 10	16 4	1 3	19 14	1 2	20 59	0 9	24 4	0 14	5 26	0 45	21 17	0 58	4 38	13 9	23 48	23 49	7 58		n.a.
S 16	22 54	4 20	5 15	16 2	2 1	16 28	1 1	19 1	1 1	21 2	0 9	24 4	0 14	5 26	0 45	21 16	0 58	4 38	13 9	23 48	23 49	7 56		n.a.
S 17	23 1	1s34	5 0	16 25	1 52	16 51	0 58	18 48	1 0	21 5	0 9	24 4	0 14	5 25	0 45	21 16	0 58	4 38	13 9	23 48	23 49	7 53		n.a.
M18	23 7	7 23	4 27	16 49	1 43	17 14	0 56	18 35	0 59	21 8	0 9	24 4	0 14	5 25	0 45	21 16	0 58	4 37	13 10	23 48	23 49	7 50		n.a.
T 19	23 13	12 48	3 37	17 14	1 34	17 36	0 54	18 22	0 58	21 10	0 8	24 4	0 14	5 25	0 45	21 16	0 58	4 37	13 10	23 48	23 49	7 48		n.a.
W20	23 19	17 30	2 35	17 39	1 25	17 58	0 51	18 8	0 57	21 13	0 8	24 4	0 14	5 24	0 45	21 15	0 58	4 37	13 10	23 48	23 49	7 45		n.a.
T 21	23 24	21 10	1 24	18 4	1 16	18 19	0 49	17 55	0 56	21 16	0 8	24 5	0 14	5 24	0 45	21 15	0 58	4 37	13 11	23 48	23 49	7 43		n.a.
F 22	23 29	23 35	0 10	18 29	1 6	18 40	0 46	17 41	0 56	21 19	0 8	24 5	0 14	5 24	0 45	21 15	0 58	4 36	13 11	23 48	23 49	7 40		n.a.
S 23	23 33	24 37	1s 3	18 54	0 57	19 1	0 43	17 27	0 55	21 21	0 8	24 5	0 14	5 24	0 45	21 15	0 58	4 36	13 11	23 48	23 49	7 37		n.a.
S 24	23 37	24 16	2 11	19 19	0 48	19 20	0 41	17 13	0 54	21 24	0 8	24 5	0 14	5 23	0 45	21 14	0 58	4 36	13 11	23 48	23 49	7 35		n.a.
M25	23 40	22 40	3 11	19 44	0 40	19 40	0 38	16 59	0 53	21 26	0 8	24 5	0 14	5 23	0 45	21 14	0 58	4 36	13 12	23 48	23 49	7 32		n.a.
T 26	23 43	20 1	4 1	20 9	0 31	19 58	0 36	16 45	0 52	21 29	0 8	24 5	0 15	5 23	0 45	21 14	0 58	4 36	13 12	23 48	23 49	7 29		n.a.
W27	23 46	16 33	4 39	20 33	0 22	20 17	0 33	16 31	0 51	21 32	0 8	24 5	0 15	5 23	0 46	21 14	0 58	4 35	13 12	23 48	23 49	7 27		n.a.
T 28	23 47	12 27	5 4	20 56	0 14	20 34	0 30	16 16	0 50	21 34	0 8	24 5	0 15	5 23	0 46	21 13	0 58	4 35	13 13	23 48	23 48	7 24		n.a.
F 29	23 49	7 54	5 16	21 20	0 6	20 51	0 28	16 2	0 49	21 37	0 7	24 5	0 15	5 23	0 46	21 13	0 58	4 35	13 13	23 48	23 48	7 21		n.a.
S 30	23 50	3 5	5 15	21 42	0s 2	21 8	0 25	15 47	0 48	21 39	0 7	24 5	0 15	5 23	0 46	21 13	0 58	4 35	13 13	23 48	23 48	7 19		n.a.
S 31	23s50	1n52	5s 0	22s 4	0s10	21s23	0n23	15s32	0s48	21s41	0n 7	24s 5	0s15	5n23	0n46	21n13	0s58	4n35	13n14	23n48	23n48	7s16		n.a.

Julian Day Number = 1276152.5, Delta T = 08h12m31s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'05, Lahiri = -20°47'05 Julian Calendar 1 Dec. 1220 BCE == Greg. Calendar 20 Nov. 1220 BCE

The year -1219 astronomical counting style corresponds to year 1220 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1219 BCE
geocentric

JANUARY 1219 BCE (-1218) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 56 34	0♉31'07	28♈15	8♐44	7♐46	21♒34	7♐ 2	1♉19	18♍22	8°R57	19♎14	27♊ 1	26♊54	23♓45	n.a.	M 1
T 2	6 0 30	1°31'50	10♉33	10° 8	9° 1	22°17	7°15	1°27	18°22	8♊56	19°15	27° 2	26°51	23°52	n.a.	T 2
W 3	6 4 27	2°32'31	23° 8	11°33	10°15	23° 0	7°29	1°34	18°R22	8°54	19°16	27° 2	26°48	23°58	n.a.	W 3
T 4	6 8 24	3°33'11	6♊ 0	12°59	11°30	23°43	7°42	1°41	18°22	8°53	19°17	27° 3	26°44	24° 5	n.a.	T 4
F 5	6 12 20	4°33'49	19°13	14°27	12°45	24°26	7°55	1°48	18°22	8°51	19°18	27° 3	26°41	24°12	n.a.	F 5
S 6	6 16 17	5°34'26	2♋46	15°55	13°59	25° 9	8° 9	1°55	18°22	8°50	19°19	27°R 3	26°38	24°19	n.a.	S 6
S 7	6 20 13	6°35'00	16°36	17°24	15°14	25°52	8°22	2° 3	18°21	8°48	19°20	27° 3	26°35	24°25	n.a.	S 7
M 8	6 24 10	7°35'33	0♌41	18°54	16°28	26°35	8°35	2°10	18°21	8°47	19°21	27° 2	26°32	24°32	n.a.	M 8
T 9	6 28 6	8°36'04	14°57	20°25	17°43	27°18	8°48	2°17	18°21	8°45	19°21	27° 0	26°28	24°39	n.a.	T 9
W10	6 32 3	9°36'34	29°18	21°57	18°57	28° 1	9° 1	2°24	18°21	8°44	19°22	26°59	26°25	24°46	n.a.	W10
T 11	6 36 0	10°37'02	13♍40	23°30	20°12	28°44	9°14	2°32	18°20	8°43	19°23	26°57	26°22	24°52	n.a.	T 11
F 12	6 39 56	11°37'29	28° 0	25° 4	21°26	29°27	9°27	2°39	18°20	8°41	19°24	26°56	26°19	24°59	n.a.	F 12
S 13	6 43 53	12°37'54	12♎13	26°38	22°41	0♓10	9°40	2°46	18°19	8°40	19°24	26°D56	26°16	25° 6	n.a.	S 13
S 14	6 47 49	13°38'17	26°17	28°14	23°55	0°52	9°53	2°53	18°19	8°39	19°25	26°56	26°13	25°12	n.a.	S 14
M15	6 51 46	14°38'39	10♏12	29°51	25°10	1°35	10° 6	3° 0	18°18	8°37	19°26	26°57	26° 9	25°19	n.a.	M15
T 16	6 55 42	15°39'00	23°55	1♑28	26°24	2°18	10°19	3° 7	18°17	8°36	19°26	26°59	26° 6	25°26	n.a.	T 16
W17	6 59 39	16°39'19	7♐27	3° 7	27°39	3° 0	10°31	3°15	18°17	8°35	19°27	27° 0	26° 3	25°33	n.a.	W17
T 18	7 3 35	17°39'36	20°47	4°47	28°53	3°43	10°44	3°22	18°16	8°33	19°27	27°R 1	26° 0	25°39	n.a.	T 18
F 19	7 7 32	18°39'51	3♑54	6°27	0♑ 8	4°25	10°56	3°29	18°15	8°32	19°28	27° 1	25°57	25°46	n.a.	F 19
S 20	7 11 29	19°40'04	16°49	8° 9	1°22	5° 8	11° 9	3°36	18°14	8°31	19°28	27° 0	25°54	25°53	n.a.	S 20
S 21	7 15 25	20°40'16	29°31	9°51	2°37	5°50	11°21	3°43	18°13	8°30	19°29	26°57	25°50	26° 0	n.a.	S 21
M22	7 19 22	21°40'25	12♒ 0	11°35	3°51	6°33	11°34	3°50	18°12	8°29	19°29	26°54	25°47	26° 6	n.a.	M22
T 23	7 23 18	22°40'32	24°16	13°20	5° 6	7°15	11°46	3°57	18°11	8°28	19°30	26°49	25°44	26°13	n.a.	T 23
W24	7 27 15	23°40'37	6♓23	15° 6	6°20	7°58	11°58	4° 4	18°10	8°26	19°30	26°45	25°41	26°20	n.a.	W24
T 25	7 31 11	24°40'40	18°21	16°52	7°35	8°40	12°10	4°11	18° 9	8°25	19°30	26°40	25°38	26°26	n.a.	T 25
F 26	7 35 8	25°40'40	0♈14	18°40	8°49	9°22	12°23	4°18	18° 8	8°24	19°30	26°36	25°34	26°33	n.a.	F 26
S 27	7 39 4	26°40'38	12° 6	20°29	10° 4	10° 5	12°35	4°25	18° 7	8°23	19°31	26°34	25°31	26°40	n.a.	S 27
S 28	7 43 1	27°40'34	24° 1	22°19	11°18	10°47	12°46	4°32	18° 5	8°22	19°31	26°D33	25°28	26°47	n.a.	S 28
M29	7 46 57	28°40'27	6♉ 4	24°11	12°32	11°29	12°58	4°38	18° 4	8°21	19°31	26°33	25°25	26°53	n.a.	M29
T 30	7 50 54	29°40'18	18°20	26° 3	13°47	12°11	13°10	4°45	18° 3	8°20	19°31	26°34	25°22	27° 0	n.a.	T 30
W31	7 54 51	0♒40'07	0♊52	27♑56	15♑ 1	12♓53	13♐22	4♑52	18♍ 1	8♊19	19♎31	26♊36	25♊19	27♓ 7	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23 s50	6n49	4 s31	22 s25	0 s18	21 s39	0n20	15 s17	0 s47	21 s44	0n 7	24 s 5	0 s15	5n23	0n46	21n13	0 s58	4n35	13n14	23n48	23n48	7 s13			n.a.
T 2	23 50	11 36	3 50	22 46	0 25	21 53	0 17	15 2	0 46	21 46	0 7	24 5	0 15	5 23	0 46	21 12	0 58	4 35	13 15	23 48	23 48	7 11			n.a.
W 3	23 49	16 0	2 57	23 5	0 33	22 7	0 15	14 47	0 45	21 49	0 7	24 5	0 15	5 23	0 46	21 12	0 58	4 35	13 15	23 48	23 48	7 8			n.a.
T 4	23 47	19 48	1 54	23 24	0 40	22 20	0 12	14 32	0 44	21 51	0 7	24 5	0 15	5 23	0 46	21 12	0 58	4 35	13 15	23 48	23 48	7 5			n.a.
F 5	23 46	22 40	0 43	23 41	0 47	22 33	0 9	14 16	0 43	21 53	0 7	24 5	0 15	5 23	0 46	21 12	0 58	4 35	13 16	23 48	23 48	7 3			n.a.
S 6	23 43	24 20	0n32	23 58	0 53	22 45	0 7	14 1	0 42	21 55	0 7	24 5	0 15	5 23	0 46	21 11	0 58	4 35	13 16	23 48	23 48	7 0			n.a.
S 7	23 40	24 33	1 46	24 13	1 0	22 56	0 4	13 45	0 42	21 58	0 6	24 5	0 15	5 23	0 46	21 11	0 58	4 35	13 16	23 48	23 48	6 57			n.a.
M 8	23 37	23 12	2 56	24 27	1 6	23 7	0 2	13 30	0 41	22 0	0 6	24 5	0 16	5 23	0 46	21 11	0 58	4 35	13 17	23 48	23 48	6 55			n.a.
T 9	23 33	20 21	3 55	24 41	1 12	23 17	0 s 1	13 14	0 40	22 2	0 6	24 5	0 16	5 23	0 46	21 11	0 58	4 35	13 17	23 48	23 47	6 52			n.a.
W10	23 29	16 16	4 40	24 52	1 17	23 26	0 4	12 58	0 39	22 4	0 6	24 5	0 16	5 23	0 46	21 11	0 58	4 35	13 17	23 48	23 47	6 49			n.a.
T 11	23 24	11 14	5 8	25 3	1 22	23 34	0 6	12 42	0 38	22 6	0 6	24 5	0 16	5 24	0 46	21 10	0 58	4 35	13 18	23 48	23 47	6 47			n.a.
F 12	23 19	5 37	5 16	25 12	1 27	23 42	0 9	12 26	0 37	22 8	0 6	24 5	0 16	5 24	0 46	21 10	0 58	4 35	13 18	23 48	23 47	6 44			n.a.
S 13	23 14	0 s14	5 5	25 20	1 32	23 49	0 11	12 10	0 36	22 11	0 6	24 5	0 16	5 24	0 46	21 10	0 58	4 35	13 19	23 48	23 47	6 41			n.a.
S 14	23 8	6 2	4 36	25 26	1 37	23 56	0 14	11 54	0 36	22 13	0 6	24 4	0 16	5 24	0 46	21 10	0 58	4 35	13 19	23 48	23 47	6 38			n.a.
M15	23 1	11 29	3 50	25 31	1 41	24 1	0 16	11 38	0 35	22 15	0 6	24 4	0 16	5 25	0 46	21 10	0 57	4 35	13 19	23 48	23 47	6 36			n.a.
T 16	22 54	16 17	2 53	25 34	1 45	24 6	0 19	11 22	0 34	22 17	0 6	24 4	0 16	5 25	0 46	21 10	0 57	4 35	13 20	23 48	23 47	6 33			n.a.
W17	22 47	20 11	1 46	25 36	1 48	24 10	0 21	11 5	0 33	22 19	0 5	24 4	0 16	5 25	0 46	21 9	0 57	4 35	13 20	23 48	23 47	6 30			n.a.
T 18	22 39	22 57	0 34	25 36	1 51	24 14	0 24	10 49	0 32	22 20	0 5	24 4	0 16	5 25	0 46	21 9	0 57	4 35	13 20	23 48	23 47	6 28			n.a.
F 19	22 31	24 25	0 s38	25 34	1 54	24 16	0 26	10 32	0 32	22 22	0 5	24 4	0 16	5 26	0 46	21 9	0 57	4 36	13 21	23 48	23 47	6 25			n.a.
S 20	22 22	24 32	1 47	25 31	1 56	24 18	0 28	10 16	0 31	22 24	0 5	24 4	0 16	5 26	0 46	21 9	0 57	4 36	13 21	23 48	23 46	6 22			n.a.
S 21	22 13	23 21	2 49	25 26	1 58	24 20	0 31	9 59	0 30	22 26	0 5	24 4	0 17	5 27	0 46	21 9	0 57	4 36	13 22	23 48	23 46	6 19			n.a.
M22	22 4	21 2	3 42	25 19	2 0	24 20	0 33	9 42	0 29	22 28	0 5	24 4	0 17	5 27	0 46	21 9	0 57	4 36	13 22	23 48	23 46	6 17			n.a.
T 23	21 54	17 47	4 24	25 10	2 1	24 20	0 35	9 26	0 28	22 30	0 5	24 4	0 17	5 27	0 47	21 8	0 57	4 36	13 22	23 48	23 46	6 14			n.a.
W24	21 44	13 51	4 53	24 59	2 2	24 19	0 38	9 9	0 27	22 32	0 5	24 3	0 17	5 28	0 47	21 8	0 57	4 37	13 23	23 48	23 46	6 11			n.a.
T 25	21 33	9 25	5 9	24 46	2 2	24 17	0 40	8 52	0 27	22 33	0 5	24 3	0 17	5 28	0 47	21 8	0 57	4 37	13 23	23 48	23 46	6 9			n.a.
F 26	21 22	4 40	5 12	24 31	2 2	24 14	0 42	8 35	0 26	22 35	0 4	24 3	0 17	5 29	0 47	21 8	0 57	4 37	13 23	23 48	23 46	6 6			n.a.
S 27	21 10	0n15	5 1	24 14	2 1	24 11	0 44	8 18	0 25	22 37	0 4	24 3	0 17	5 29	0 47	21 8	0 57	4 37	13 24	23 48	23 46	6 3			n.a.
S 28	20 58	5 10	4 38	23 56	2 0	24 7	0 46	8 1	0 24	22 38	0 4	24 3	0 17	5 30	0 47	21 8	0 57	4 38	13 24	23 48	23 46	6 0			n.a.
M29	20 46	9 58	4 2	23 35	1 58	24 2	0 48	7 44	0 24	22 40	0 4	24 3	0 17	5 31	0 47	21 8	0 57	4 38	13 25	23 48	23 46	5 58			n.a.
T 30	20 34	14 28	3 14	23 11	1 56	23 57	0 50	7 27	0 23	22 42	0 4	24 2	0 17	5 31	0 47	21 8	0 57	4 38	13 25	23 48	23 45	5 55			n.a.
W31	20 s21	18n28	2 s16	22 s46	1 s53	23 s50	0 s52	7 s10	0 s22	22 s43	0n 4	24 s 2	0 s17	5n32	0n47	21n 7	0 s57	4n39	13n25	23n48	23n45	5 s52			n.a.

Julian Day Number = 1276183.5, Delta T = 08h12m29s
Ecliptic obliquity = 23°50'22, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°54'01, Lahiri = -20°47'00 Julian Calendar 1 Jan. 1219 BCE == Greg. Calendar 21 Dec. 1220 BCE

The year -1218 astronomical counting style corresponds to year 1219 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1219 BCE
geocentric

FEBRUARY 1219 BCE (-1218) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 58 47	1♒39'53	13♊47	29♉51	16♉15	13♓35	13♐33	4♉59	18°R 0	8°R19	19♎31	26♊37	25♊15	27♓14	n.a.	T 1
F 2	8 2 44	2°39'38	27° 5	1♒46	17°30	14°17	13°45	5° 6	17♍58	8♊18	19°R31	26°R38	25°12	27°20	n.a.	F 2
S 3	8 6 40	3°39'19	10♋49	3°42	18°44	14°59	13°56	5°12	17°57	8°17	19°31	26°37	25° 9	27°27	n.a.	S 3
S 4	8 10 37	4°38'59	24°58	5°40	19°58	15°41	14° 8	5°19	17°55	8°16	19°31	26°35	25° 6	27°34	n.a.	S 4
M 5	8 14 33	5°38'36	9♌27	7°38	21°13	16°23	14°19	5°25	17°54	8°15	19°31	26°30	25° 3	27°40	n.a.	M 5
T 6	8 18 30	6°38'11	24°11	9°37	22°27	17° 5	14°30	5°32	17°52	8°15	19°31	26°24	24°59	27°47	n.a.	T 6
W 7	8 22 26	7°37'44	9♍ 1	11°36	23°41	17°47	14°41	5°39	17°50	8°14	19°31	26°18	24°56	27°54	n.a.	W 7
T 8	8 26 23	8°37'15	23°50	13°36	24°56	18°29	14°52	5°45	17°48	8°13	19°30	26°12	24°53	28° 1	n.a.	T 8
F 9	8 30 20	9°36'43	8♎31	15°36	26°10	19°11	15° 3	5°52	17°47	8°13	19°30	26° 7	24°50	28° 7	n.a.	F 9
S 10	8 34 16	10°36'10	22°56	17°36	27°24	19°52	15°14	5°58	17°45	8°12	19°30	26° 4	24°47	28°14	n.a.	S 10
S 11	8 38 13	11°35'35	7♏ 4	19°36	28°38	20°34	15°25	6° 4	17°43	8°11	19°30	26°D 2	24°44	28°21	n.a.	S 11
M12	8 42 9	12°34'59	20°52	21°36	29°53	21°16	15°35	6°11	17°41	8°11	19°29	26° 2	24°40	28°28	n.a.	M12
T 13	8 46 6	13°34'20	4♐22	23°35	1♒ 7	21°57	15°46	6°17	17°39	8°10	19°29	26° 3	24°37	28°34	n.a.	T 13
W14	8 50 2	14°33'39	17°36	25°32	2°21	22°39	15°56	6°23	17°37	8°10	19°29	26° 5	24°34	28°41	n.a.	W14
T 15	8 53 59	15°32'57	0♑34	27°29	3°35	23°20	16° 6	6°29	17°35	8° 9	19°28	26°R 5	24°31	28°48	n.a.	T 15
F 16	8 57 55	16°32'13	13°20	29°23	4°50	24° 2	16°17	6°36	17°33	8° 9	19°28	26° 3	24°28	28°54	n.a.	F 16
S 17	9 1 52	17°31'26	25°54	1♓15	6° 4	24°43	16°27	6°42	17°31	8° 9	19°27	25°59	24°25	29° 1	n.a.	S 17
S 18	9 5 48	18°30'37	8♒19	3° 5	7°18	25°25	16°37	6°48	17°29	8° 8	19°27	25°53	24°21	29° 8	n.a.	S 18
M19	9 9 45	19°29'47	20°35	4°51	8°32	26° 6	16°46	6°54	17°27	8° 8	19°26	25°44	24°18	29°15	n.a.	M19
T 20	9 13 42	20°28'54	2♓43	6°34	9°46	26°48	16°56	7° 0	17°25	8° 8	19°25	25°34	24°15	29°21	n.a.	T 20
W21	9 17 38	21°27'58	14°44	8°13	11° 1	27°29	17° 6	7° 5	17°22	8° 7	19°25	25°23	24°12	29°28	n.a.	W21
T 22	9 21 35	22°27'01	26°39	9°48	12°15	28°10	17°15	7°11	17°20	8° 7	19°24	25°13	24° 9	29°35	n.a.	T 22
F 23	9 25 31	23°26'00	8♈31	11°18	13°29	28°51	17°25	7°17	17°18	8° 7	19°23	25° 3	24° 5	29°41	n.a.	F 23
S 24	9 29 28	24°24'58	20°22	12°43	14°43	29°33	17°34	7°23	17°16	8° 7	19°23	24°56	24° 2	29°48	n.a.	S 24
S 25	9 33 24	25°23'53	2♉15	14° 3	15°57	0♈14	17°43	7°28	17°13	8° 7	19°22	24°50	23°59	29°55	n.a.	S 25
M26	9 37 21	26°22'46	14°16	15°17	17°11	0°55	17°52	7°34	17°11	8° 6	19°21	24°48	23°56	0♈ 2	n.a.	M26
T 27	9 41 17	27°21'37	26°28	16°26	18°25	1°36	18° 1	7°40	17° 9	8° 6	19°20	24°D47	23°53	0° 8	n.a.	T 27
W28	9 45 14	28♒20'25	8♊57	17♓29	19♒39	2♈17	18♐10	7♉45	17♍ 6	8°D 6	19♎19	24♊47	23♊50	0♈15	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 7	21n41	1s10	22s19	1s50	23s43	0s54	6s53	0s21	22s45	0n 4	24s 2	0s18	5n32	0n47	21n 7	0s57	4n39	13n26	23n48	23n45	5s49		n.a.
F 2	19 54	23 51	0n 2	21 49	1 46	23 36	0 56	6 36	0 20	22 46	0 4	24 2	0 18	5 33	0 47	21 7	0 57	4 39	13 26	23 48	23 45	5 47		n.a.
S 3	19 40	24 40	1 16	21 18	1 42	23 27	0 58	6 19	0 20	22 48	0 4	24 2	0 18	5 34	0 47	21 7	0 57	4 40	13 27	23 48	23 45	5 44		n.a.
S 4	19 25	23 55	2 28	20 44	1 37	23 18	0 59	6 1	0 19	22 49	0 3	24 2	0 18	5 34	0 47	21 7	0 57	4 40	13 27	23 48	23 45	5 41		n.a.
M 5	19 10	21 34	3 31	20 8	1 31	23 8	1 1	5 44	0 18	22 51	0 3	24 1	0 18	5 35	0 47	21 7	0 57	4 40	13 27	23 48	23 45	5 38		n.a.
T 6	18 55	17 47	4 22	19 30	1 25	22 58	1 3	5 27	0 17	22 52	0 3	24 1	0 18	5 36	0 47	21 7	0 57	4 41	13 28	23 47	23 45	5 36		n.a.
W 7	18 40	12 52	4 55	18 50	1 18	22 47	1 4	5 10	0 17	22 54	0 3	24 1	0 18	5 36	0 47	21 7	0 57	4 41	13 28	23 47	23 44	5 33		n.a.
T 8	18 24	7 12	5 9	18 9	1 11	22 35	1 6	4 52	0 16	22 55	0 3	24 1	0 18	5 37	0 47	21 7	0 57	4 42	13 28	23 47	23 44	5 30		n.a.
F 9	18 8	1 11	5 2	17 25	1 3	22 22	1 7	4 35	0 15	22 56	0 3	24 1	0 18	5 38	0 47	21 7	0 57	4 42	13 29	23 47	23 44	5 27		n.a.
S 10	17 52	4s48	4 36	16 40	0 54	22 9	1 9	4 18	0 14	22 58	0 3	24 0	0 18	5 38	0 47	21 7	0 57	4 43	13 29	23 47	23 44	5 25		n.a.
S 11	17 36	10 25	3 54	15 53	0 45	21 55	1 10	4 0	0 14	22 59	0 3	24 0	0 18	5 39	0 47	21 7	0 56	4 43	13 29	23 47	23 44	5 22		n.a.
M12	17 19	15 24	2 58	15 5	0 35	21 41	1 12	3 43	0 13	23 0	0 3	24 0	0 19	5 40	0 47	21 7	0 56	4 43	13 30	23 47	23 44	5 19		n.a.
T 13	17 2	19 30	1 54	14 16	0 24	21 26	1 13	3 26	0 12	23 1	0 2	24 0	0 19	5 41	0 47	21 7	0 56	4 44	13 30	23 47	23 44	5 16		n.a.
W14	16 44	22 30	0 46	13 26	0 13	21 10	1 14	3 8	0 11	23 3	0 2	24 0	0 19	5 42	0 47	21 6	0 56	4 44	13 31	23 47	23 44	5 14		n.a.
T 15	16 27	24 14	0s24	12 35	0 2	20 54	1 15	2 51	0 11	23 4	0 2	23 59	0 19	5 42	0 47	21 6	0 56	4 45	13 31	23 47	23 43	5 11		n.a.
F 16	16 9	24 41	1 31	11 44	0n10	20 37	1 16	2 34	0 10	23 5	0 2	23 59	0 19	5 43	0 47	21 6	0 56	4 45	13 31	23 47	23 43	5 8		n.a.
S 17	15 50	23 49	2 33	10 52	0 22	20 19	1 17	2 16	0 9	23 6	0 2	23 59	0 19	5 44	0 47	21 6	0 56	4 46	13 32	23 47	23 43	5 5		n.a.
S 18	15 32	21 48	3 27	10 1	0 34	20 1	1 18	1 59	0 9	23 7	0 2	23 59	0 19	5 45	0 47	21 6	0 56	4 46	13 32	23 46	23 43	5 2		n.a.
M19	15 13	18 48	4 10	9 10	0 46	19 42	1 19	1 42	0 8	23 8	0 2	23 59	0 19	5 46	0 47	21 6	0 56	4 47	13 32	23 46	23 43	5 0		n.a.
T 20	14 54	15 2	4 41	8 20	0 59	19 23	1 20	1 24	0 7	23 10	0 2	23 58	0 19	5 47	0 47	21 6	0 56	4 47	13 33	23 46	23 43	4 57		n.a.
W21	14 35	10 42	4 59	7 31	1 12	19 3	1 21	1 7	0 6	23 11	0 2	23 58	0 19	5 48	0 47	21 6	0 56	4 48	13 33	23 45	23 43	4 54		n.a.
T 22	14 16	5 59	5 4	6 44	1 24	18 43	1 22	0 50	0 6	23 12	0 1	23 58	0 20	5 48	0 47	21 6	0 56	4 49	13 33	23 45	23 42	4 51		n.a.
F 23	13 56	1 6	4 56	5 58	1 37	18 22	1 22	0 32	0 5	23 13	0 1	23 58	0 20	5 49	0 47	21 6	0 56	4 49	13 33	23 45	23 42	4 48		n.a.
S 24	13 36	3n51	4 35	5 14	1 49	18 1	1 23	0 15	0 4	23 14	0 1	23 58	0 20	5 50	0 47	21 6	0 56	4 50	13 34	23 44	23 42	4 46		n.a.
S 25	13 16	8 40	4 2	4 32	2 0	17 39	1 23	0n 2	0 4	23 15	0 1	23 57	0 20	5 51	0 47	21 6	0 56	4 50	13 34	23 44	23 42	4 43		n.a.
M26	12 56	13 14	3 19	3 52	2 12	17 16	1 24	0 19	0 3	23 16	0 1	23 57	0 20	5 52	0 47	21 6	0 56	4 51	13 34	23 44	23 42	4 40		n.a.
T 27	12 35	17 20	2 25	3 15	2 23	16 54	1 24	0 37	0 2	23 17	0 1	23 57	0 20	5 53	0 47	21 6	0 56	4 51	13 35	23 44	23 42	4 37		n.a.
W28	12s15	20n47	1s23	2s41	2n33	16s30	1s25	0n54	0s 2	23s17	0n 1	23s57	0s20	5n54	0n47	21n 7	0s56	4n52	13n35	23n44	23n42	4s34		n.a.

Julian Day Number = 1276214.5, Delta T = 08h12m27s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'57, Lahiri = -20°46'56 Julian Calendar 1 Feb. 1219 BCE == Greg. Calendar 21 Jan. 1219 BCE

The year -1218 astronomical counting style corresponds to year 1219 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1219 BCE
geocentric

MARCH 1219 BCE (-1218) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 49 10	29♒19'11	21♊47	18♓26	20♒54	2♈58	18♐19	7♉51	17°R 4	8♊ 6	19°R19	24°R48	23♊46	0♈22	n.a.	T 1
F 2	9 53 7	0♓17'54	5♋ 2	19°16	22° 8	3°39	18°27	7°56	17♍ 2	8° 6	19♎18	24♊47	23°43	0°29	n.a.	F 2
S 3	9 57 4	1°16'35	18°47	20° 1	23°22	4°20	18°35	8° 1	16°59	8° 7	19°17	24°45	23°40	0°35	n.a.	S 3
S 4	10 1 0	2°15'14	3♌ 0	20°38	24°36	5° 1	18°44	8° 6	16°57	8° 7	19°16	24°40	23°37	0°42	n.a.	S 4
M 5	10 4 57	3°13'50	17°40	21°10	25°50	5°42	18°52	8°12	16°54	8° 7	19°15	24°33	23°34	0°49	n.a.	M 5
T 6	10 8 53	4°12'24	2♍40	21°35	27° 4	6°23	19° 0	8°17	16°52	8° 7	19°14	24°24	23°31	0°55	n.a.	T 6
W 7	10 12 50	5°10'56	17°51	21°53	28°18	7° 3	19° 8	8°22	16°49	8° 7	19°13	24°14	23°27	1° 2	n.a.	W 7
T 8	10 16 46	6° 9'26	3♎ 3	22° 5	29°32	7°44	19°15	8°27	16°47	8° 7	19°12	24° 4	23°24	1° 9	n.a.	T 8
F 9	10 20 43	7° 7'54	18° 5	22°R11	0♓46	8°25	19°23	8°32	16°44	8° 8	19°11	23°55	23°21	1°16	n.a.	F 9
S 10	10 24 39	8° 6'20	2♏48	22°10	2° 0	9° 6	19°30	8°36	16°42	8° 8	19°10	23°49	23°18	1°22	n.a.	S 10
S 11	10 28 36	9° 4'45	17° 8	22° 4	3°14	9°46	19°38	8°41	16°39	8° 8	19° 8	23°45	23°15	1°29	n.a.	S 11
M12	10 32 33	10° 3'08	1♐ 2	21°52	4°28	10°27	19°45	8°46	16°37	8° 9	19° 7	23°43	23°11	1°36	n.a.	M12
T 13	10 36 29	11° 1'29	14°31	21°35	5°42	11° 7	19°52	8°50	16°34	8° 9	19° 6	23°D43	23° 8	1°43	n.a.	T 13
W14	10 40 26	11°59'49	27°38	21°12	6°56	11°48	19°59	8°55	16°32	8°10	19° 5	23°R43	23° 5	1°49	n.a.	W14
T 15	10 44 22	12°58'07	10♉26	20°46	8°10	12°29	20° 6	8°59	16°29	8°10	19° 4	23°42	23° 2	1°56	n.a.	T 15
F 16	10 48 19	13°56'23	22°59	20°15	9°24	13° 9	20°12	9° 4	16°27	8°10	19° 2	23°39	22°59	2° 3	n.a.	F 16
S 17	10 52 15	14°54'37	5♒20	19°41	10°38	13°49	20°19	9° 8	16°24	8°11	19° 1	23°34	22°56	2° 9	n.a.	S 17
S 18	10 56 12	15°52'50	17°31	19° 5	11°51	14°30	20°25	9°12	16°22	8°12	19° 0	23°25	22°52	2°16	n.a.	S 18
M19	11 0 8	16°51'01	29°35	18°27	13° 5	15°10	20°31	9°17	16°19	8°12	18°59	23°14	22°49	2°23	n.a.	M19
T 20	11 4 5	17°49'10	11♓34	17°47	14°19	15°51	20°37	9°21	16°16	8°13	18°57	23° 1	22°46	2°30	n.a.	T 20
W21	11 8 1	18°47'17	23°30	17° 7	15°33	16°31	20°43	9°25	16°14	8°13	18°56	22°47	22°43	2°36	n.a.	W21
T 22	11 11 58	19°45'22	5♈22	16°27	16°47	17°11	20°48	9°29	16°11	8°14	18°55	22°33	22°40	2°43	n.a.	T 22
F 23	11 15 55	20°43'25	17°13	15°48	18° 1	17°52	20°54	9°32	16° 9	8°15	18°53	22°20	22°36	2°50	n.a.	F 23
S 24	11 19 51	21°41'27	29° 5	15°11	19°15	18°32	20°59	9°36	16° 6	8°16	18°52	22° 9	22°33	2°56	n.a.	S 24
S 25	11 23 48	22°39'27	11♉ 0	14°36	20°29	19°12	21° 4	9°40	16° 4	8°16	18°50	22° 2	22°30	3° 3	n.a.	S 25
M26	11 27 44	23°37'24	23° 1	14° 4	21°43	19°52	21° 9	9°44	16° 1	8°17	18°49	21°57	22°27	3°10	n.a.	M26
T 27	11 31 41	24°35'20	5♊13	13°34	22°56	20°32	21°14	9°47	15°59	8°18	18°47	21°55	22°24	3°17	n.a.	T 27
W28	11 35 37	25°33'14	17°40	13° 9	24°10	21°12	21°19	9°50	15°56	8°19	18°46	21°54	22°21	3°23	n.a.	W28
T 29	11 39 34	26°31'06	0♋26	12°47	25°24	21°52	21°23	9°54	15°54	8°20	18°44	21°54	22°17	3°30	n.a.	T 29
F 30	11 43 30	27°28'56	13°36	12°30	26°38	22°32	21°27	9°57	15°51	8°21	18°43	21°53	22°14	3°37	n.a.	F 30
S 31	11 47 27	28♓26'44	27♋14	12♓17	27♓52	23♈12	21♐31	10♉ 0	15♍49	8♊22	18♎41	21♊51	22♊11	3♈44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s54	23n19	0s16	2s10	2n42	16s 7	1s25	1n11	0s 1	23s18	0n 1	23s56	0s20	5n55	0n47	21n 7	0s56	4n53	13n35	23n44	23n41	4s32			n.a.
F 2	11 33	24 39	0n54	1 42	2 51	15 43	1 25	1 28	0 0	23 19	0 0	23 56	0 20	5 56	0 47	21 7	0 56	4 53	13 36	23 44	23 41	4 29			n.a.
S 3	11 12	24 33	2 4	1 17	2 59	15 18	1 25	1 45	0n 0	23 20	0 0	23 56	0 20	5 57	0 47	21 7	0 56	4 54	13 36	23 44	23 41	4 26			n.a.
S 4	10 51	22 52	3 8	0 56	3 6	14 53	1 26	2 2	0 1	23 21	0 0	23 56	0 21	5 58	0 47	21 7	0 56	4 54	13 36	23 44	23 41	4 23			n.a.
M 5	10 29	19 38	4 2	0 38	3 12	14 28	1 26	2 20	0 2	23 22	0 0	23 56	0 21	5 59	0 47	21 7	0 56	4 55	13 36	23 44	23 41	4 20			n.a.
T 6	10 8	15 3	4 41	0 24	3 16	14 2	1 26	2 37	0 2	23 23	0s 0	23 55	0 21	6 0	0 47	21 7	0 56	4 56	13 37	23 43	23 41	4 18			n.a.
W 7	9 46	9 28	5 0	0 13	3 20	13 36	1 25	2 54	0 3	23 23	0 0	23 55	0 21	6 1	0 47	21 7	0 55	4 56	13 37	23 43	23 41	4 15			n.a.
T 8	9 24	3 19	4 58	0 6	3 22	13 9	1 25	3 11	0 4	23 24	0 0	23 55	0 21	6 2	0 47	21 7	0 55	4 57	13 37	23 42	23 40	4 12			n.a.
F 9	9 2	2s58	4 36	0 3	3 24	12 43	1 25	3 27	0 4	23 25	0 0	23 55	0 21	6 3	0 47	21 7	0 55	4 57	13 37	23 42	23 40	4 9			n.a.
S 10	8 40	8 58	3 55	0 3	3 23	12 15	1 25	3 44	0 5	23 26	0 1	23 54	0 21	6 4	0 47	21 7	0 55	4 58	13 38	23 42	23 40	4 6			n.a.
S 11	8 18	14 21	3 1	0 7	3 22	11 48	1 25	4 1	0 6	23 26	0 1	23 54	0 21	6 5	0 47	21 7	0 55	4 59	13 38	23 41	23 40	4 3			n.a.
M12	7 56	18 48	1 57	0 15	3 18	11 20	1 24	4 18	0 6	23 27	0 1	23 54	0 21	6 6	0 47	21 7	0 55	4 59	13 38	23 41	23 40	4 1			n.a.
T 13	7 33	22 7	0 49	0 26	3 14	10 52	1 24	4 35	0 7	23 28	0 1	23 54	0 22	6 7	0 47	21 8	0 55	5 0	13 38	23 41	23 40	3 58			n.a.
W14	7 11	24 10	0s21	0 41	3 8	10 24	1 23	4 51	0 8	23 28	0 1	23 54	0 22	6 8	0 47	21 8	0 55	5 1	13 39	23 41	23 39	3 55			n.a.
T 15	6 48	24 52	1 27	0 58	3 0	9 55	1 23	5 8	0 8	23 29	0 1	23 53	0 22	6 9	0 47	21 8	0 55	5 1	13 39	23 41	23 39	3 52			n.a.
F 16	6 25	24 17	2 28	1 18	2 51	9 26	1 22	5 25	0 9	23 30	0 1	23 53	0 22	6 10	0 47	21 8	0 55	5 2	13 39	23 41	23 39	3 49			n.a.
S 17	6 2	22 30	3 21	1 41	2 41	8 57	1 21	5 41	0 9	23 30	0 2	23 53	0 22	6 11	0 47	21 8	0 55	5 3	13 39	23 41	23 39	3 46			n.a.
S 18	5 40	19 42	4 4	2 6	2 29	8 28	1 20	5 58	0 10	23 31	0 2	23 53	0 22	6 12	0 47	21 8	0 55	5 3	13 39	23 40	23 39	3 44			n.a.
M19	5 17	16 5	4 35	2 33	2 17	7 58	1 20	6 14	0 11	23 31	0 2	23 53	0 22	6 13	0 47	21 8	0 55	5 4	13 40	23 40	23 38	3 41			n.a.
T 20	4 54	11 51	4 54	3 1	2 3	7 29	1 19	6 30	0 11	23 32	0 2	23 53	0 22	6 14	0 47	21 8	0 55	5 5	13 40	23 39	23 38	3 38			n.a.
W21	4 30	7 11	4 59	3 31	1 48	6 59	1 18	6 47	0 12	23 33	0 2	23 52	0 22	6 15	0 47	21 9	0 55	5 5	13 40	23 38	23 38	3 35			n.a.
T 22	4 7	2 17	4 52	4 0	1 33	6 29	1 17	7 3	0 12	23 33	0 2	23 52	0 23	6 16	0 47	21 9	0 55	5 6	13 40	23 38	23 38	3 32			n.a.
F 23	3 44	2n41	4 32	4 30	1 17	5 58	1 16	7 19	0 13	23 34	0 2	23 52	0 23	6 17	0 47	21 9	0 55	5 7	13 40	23 37	23 38	3 29			n.a.
S 24	3 21	7 35	4 0	5 0	1 1	5 28	1 15	7 35	0 14	23 34	0 3	23 52	0 23	6 18	0 47	21 9	0 55	5 7	13 40	23 36	23 38	3 27			n.a.
S 25	2 58	12 15	3 18	5 29	0 44	4 57	1 14	7 51	0 14	23 35	0 3	23 52	0 23	6 19	0 47	21 9	0 55	5 8	13 40	23 36	23 37	3 24			n.a.
M26	2 34	16 29	2 26	5 57	0 28	4 27	1 12	8 7	0 15	23 35	0 3	23 52	0 23	6 20	0 47	21 9	0 55	5 9	13 41	23 35	23 37	3 21			n.a.
T 27	2 11	20 6	1 27	6 23	0 11	3 56	1 11	8 23	0 15	23 36	0 3	23 51	0 23	6 21	0 47	21 10	0 55	5 9	13 41	23 35	23 37	3 18			n.a.
W28	1 48	22 53	0 22	6 48	0s 5	3 25	1 10	8 39	0 16	23 36	0 3	23 51	0 23	6 22	0 47	21 10	0 55	5 10	13 41	23 35	23 37	3 15			n.a.
T 29	1 24	24 35	0n45	7 12	0 21	2 54	1 8	8 55	0 17	23 37	0 3	23 51	0 23	6 23	0 47	21 10	0 55	5 10	13 41	23 35	23 37	3 12			n.a.
F 30	1 1	24 59	1 52	7 33	0 37	2 23	1 7	9 11	0 17	23 37	0 3	23 51	0 24	6 24	0 47	21 10	0 55	5 11	13 41	23 35	23 36	3 9			n.a.
S 31	0s38	23n55	2n55	7s51	0s52	1s52	1s 5	9n26	0n18	23s37	0s 4	23s51	0s24	6n25	0n47	21n10	0s54	5n12	13n41	23n35	23n36	3s 7			n.a.

Julian Day Number = 1276242.5, Delta T = 08h12m26s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'53, Lahiri = -20°46'52 Julian Calendar 1 March 1219 BCE == Greg. Calendar 18 Feb. 1219 BCE

The year -1218 astronomical counting style corresponds to year 1219 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1219 BCE
geocentric

APRIL 1219 BCE (-1218) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 51 24	29♓24'30	11♌21	12°R 9	29♓ 6	23♈52	21♐35	10♑ 3	15°R46	8♊23	18°R40	21°R46	22♊ 8	3♈50	n.a.	S 1
M 2	11 55 20	0♈22'14	25°58	12°D 5	0♈19	24°32	21°39	10° 6	15♍44	8°24	18♎38	21♊39	22° 5	3°57	n.a.	M 2
T 3	11 59 17	1°19'57	10♍58	12♓ 6	1°33	25°12	21°43	10° 9	15°41	8°25	18°37	21°30	22° 2	4° 4	n.a.	T 3
W 4	12 3 13	2°17'37	26°13	12°12	2°47	25°52	21°46	10°12	15°39	8°26	18°35	21°20	21°58	4°10	n.a.	W 4
T 5	12 7 10	3°15'17	11♎34	12°22	4° 1	26°32	21°49	10°15	15°37	8°27	18°34	21° 9	21°55	4°17	n.a.	T 5
F 6	12 11 6	4°12'54	26°48	12°37	5°14	27°12	21°52	10°17	15°34	8°28	18°32	21° 0	21°52	4°24	n.a.	F 6
S 7	12 15 3	5°10'31	11♏45	12°56	6°28	27°51	21°55	10°20	15°32	8°30	18°31	20°53	21°49	4°31	n.a.	S 7
S 8	12 18 59	6° 8'06	26°17	13°20	7°42	28°31	21°58	10°22	15°29	8°31	18°29	20°49	21°46	4°37	n.a.	S 8
M 9	12 22 56	7° 5'40	10♐21	13°48	8°56	29°11	22° 1	10°25	15°27	8°32	18°27	20°47	21°42	4°44	n.a.	M 9
T 10	12 26 52	8° 3'14	23°58	14°20	10° 9	29°51	22° 3	10°27	15°25	8°33	18°26	20°D47	21°39	4°51	n.a.	T 10
W11	12 30 49	9° 0'46	7♑ 7	14°56	11°23	0♉30	22° 5	10°29	15°23	8°35	18°24	20°R47	21°36	4°57	n.a.	W11
T 12	12 34 46	9°58'17	19°55	15°36	12°37	1°10	22° 7	10°31	15°20	8°36	18°23	20°47	21°33	5° 4	n.a.	T 12
F 13	12 38 42	10°55'47	2♒23	16°20	13°51	1°50	22° 9	10°33	15°18	8°37	18°21	20°45	21°30	5°11	n.a.	F 13
S 14	12 42 39	11°53'16	14°38	17° 7	15° 4	2°29	22°10	10°35	15°16	8°39	18°19	20°40	21°27	5°18	n.a.	S 14
S 15	12 46 35	12°50'43	26°42	17°58	16°18	3° 9	22°12	10°37	15°14	8°40	18°18	20°33	21°23	5°24	n.a.	S 15
M16	12 50 32	13°48'10	8♓40	18°53	17°32	3°48	22°13	10°39	15°12	8°41	18°16	20°24	21°20	5°31	n.a.	M16
T 17	12 54 28	14°45'36	20°34	19°50	18°45	4°28	22°14	10°40	15° 9	8°43	18°14	20°13	21°17	5°38	n.a.	T 17
W18	12 58 25	15°43'01	2♈25	20°51	19°59	5° 7	22°15	10°42	15° 7	8°44	18°13	20° 1	21°14	5°44	n.a.	W18
T 19	13 2 21	16°40'24	14°17	21°56	21°13	5°47	22°15	10°43	15° 5	8°46	18°11	19°49	21°11	5°51	n.a.	T 19
F 20	13 6 18	17°37'47	26°10	23° 3	22°26	6°26	22°16	10°45	15° 3	8°47	18° 9	19°38	21° 8	5°58	n.a.	F 20
S 21	13 10 15	18°35'08	8♉ 6	24°13	23°40	7° 5	22°16	10°46	15° 1	8°49	18° 8	19°29	21° 4	6° 5	n.a.	S 21
S 22	13 14 11	19°32'29	20° 7	25°26	24°54	7°45	22°R16	10°47	14°59	8°50	18° 6	19°23	21° 1	6°11	n.a.	S 22
M23	13 18 8	20°29'48	2♊15	26°42	26° 7	8°24	22°16	10°48	14°57	8°52	18° 4	19°19	20°58	6°18	n.a.	M23
T 24	13 22 4	21°27'06	14°32	28° 1	27°21	9° 4	22°16	10°49	14°55	8°54	18° 3	19°D18	20°55	6°25	n.a.	T 24
W25	13 26 1	22°24'24	27° 3	29°22	28°35	9°43	22°15	10°50	14°54	8°55	18° 1	19°18	20°52	6°32	n.a.	W25
T 26	13 29 57	23°21'40	9♋51	0♈47	29°48	10°22	22°15	10°50	14°52	8°57	17°59	19°19	20°48	6°38	n.a.	T 26
F 27	13 33 54	24°18'54	22°59	2°14	1♉ 2	11° 1	22°14	10°51	14°50	8°59	17°58	19°R19	20°45	6°45	n.a.	F 27
S 28	13 37 50	25°16'08	6♌32	3°44	2°16	11°41	22°13	10°52	14°48	9° 0	17°56	19°19	20°42	6°52	n.a.	S 28
S 29	13 41 47	26°13'21	20°30	5°16	3°29	12°20	22°11	10°52	14°47	9° 2	17°55	19°16	20°39	6°58	n.a.	S 29
M30	13 45 44	27♈10'32	4♍54	6♈51	4♉43	12♉59	22♐10	10♑52	14♍45	9♊ 4	17♎53	19♊12	20♊36	7♈ 5	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s14	21n20	3n50	8s 8	1s 6	1s20	1s 4	9n42	0n18	23s38	0s 4	23s51	0s24	6n26	0n47	21n11	0s54	5n12	13n41	23n35	23n36	3s 4		n.a.
M 2	0n 9	17 19	4 31	8 22	1 20	0 49	1 2	9 57	0 19	23 38	0 4	23 51	0 24	6 27	0 47	21 11	0 54	5 13	13 41	23 34	23 36	3 1		n.a.
T 3	0 32	12 7	4 56	8 33	1 33	0 18	1 1	10 13	0 19	23 39	0 4	23 51	0 24	6 28	0 47	21 11	0 54	5 14	13 41	23 34	23 36	2 58		n.a.
W 4	0 56	6 6	5 0	8 42	1 45	0n13	0 59	10 28	0 20	23 39	0 4	23 50	0 24	6 28	0 47	21 11	0 54	5 14	13 41	23 33	23 36	2 55		n.a.
T 5	1 19	0s20	4 42	8 49	1 56	0 45	0 57	10 43	0 21	23 39	0 4	23 50	0 24	6 29	0 47	21 11	0 54	5 15	13 42	23 32	23 35	2 52		n.a.
F 6	1 42	6 42	4 5	8 53	2 6	1 16	0 56	10 58	0 21	23 40	0 4	23 50	0 24	6 30	0 47	21 12	0 54	5 16	13 42	23 32	23 35	2 49		n.a.
S 7	2 5	12 35	3 11	8 54	2 16	1 47	0 54	11 13	0 22	23 40	0 5	23 50	0 25	6 31	0 47	21 12	0 54	5 16	13 42	23 31	23 35	2 46		n.a.
S 8	2 29	17 36	2 6	8 53	2 25	2 19	0 52	11 28	0 22	23 40	0 5	23 50	0 25	6 32	0 47	21 12	0 54	5 17	13 42	23 31	23 35	2 44		n.a.
M 9	2 52	21 28	0 55	8 49	2 33	2 50	0 50	11 43	0 23	23 41	0 5	23 50	0 25	6 33	0 47	21 12	0 54	5 18	13 42	23 31	23 35	2 41		n.a.
T 10	3 15	23 59	0s17	8 43	2 40	3 21	0 48	11 58	0 23	23 41	0 5	23 50	0 25	6 34	0 47	21 13	0 54	5 18	13 42	23 31	23 34	2 38		n.a.
W11	3 38	25 4	1 26	8 34	2 46	3 52	0 46	12 13	0 24	23 41	0 5	23 50	0 25	6 35	0 47	21 13	0 54	5 19	13 42	23 31	23 34	2 35		n.a.
T 12	4 1	24 46	2 28	8 23	2 51	4 23	0 44	12 27	0 24	23 41	0 5	23 50	0 25	6 36	0 47	21 13	0 54	5 19	13 42	23 31	23 34	2 32		n.a.
F 13	4 24	23 14	3 22	8 10	2 56	4 54	0 42	12 42	0 25	23 42	0 6	23 50	0 25	6 37	0 47	21 13	0 54	5 20	13 42	23 31	23 34	2 29		n.a.
S 14	4 47	20 37	4 5	7 55	2 59	5 25	0 40	12 56	0 25	23 42	0 6	23 50	0 25	6 37	0 47	21 13	0 54	5 21	13 42	23 30	23 34	2 26		n.a.
S 15	5 9	17 8	4 37	7 37	3 2	5 56	0 38	13 10	0 26	23 42	0 6	23 50	0 26	6 38	0 47	21 14	0 54	5 21	13 42	23 30	23 33	2 23		n.a.
M16	5 32	13 1	4 56	7 17	3 4	6 26	0 36	13 25	0 27	23 42	0 6	23 50	0 26	6 39	0 47	21 14	0 54	5 22	13 42	23 29	23 33	2 20		n.a.
T 17	5 55	8 25	5 2	6 55	3 5	6 57	0 34	13 39	0 27	23 43	0 6	23 50	0 26	6 40	0 47	21 14	0 54	5 22	13 42	23 28	23 33	2 18		n.a.
W18	6 17	3 31	4 55	6 31	3 6	7 27	0 32	13 53	0 28	23 43	0 6	23 50	0 26	6 41	0 47	21 15	0 54	5 23	13 42	23 27	23 33	2 15		n.a.
T 19	6 40	1n30	4 36	6 5	3 6	7 57	0 29	14 7	0 28	23 43	0 7	23 50	0 26	6 41	0 47	21 15	0 54	5 23	13 41	23 27	23 32	2 12		n.a.
F 20	7 2	6 29	4 4	5 38	3 5	8 27	0 27	14 20	0 29	23 43	0 7	23 50	0 26	6 42	0 47	21 15	0 54	5 24	13 41	23 26	23 32	2 9		n.a.
S 21	7 24	11 16	3 21	5 8	3 3	8 57	0 25	14 34	0 29	23 44	0 7	23 50	0 26	6 43	0 47	21 15	0 54	5 25	13 41	23 25	23 32	2 6		n.a.
S 22	7 46	15 40	2 29	4 36	3 1	9 27	0 23	14 47	0 30	23 44	0 7	23 50	0 26	6 44	0 47	21 16	0 54	5 25	13 41	23 24	23 32	2 3		n.a.
M23	8 8	19 29	1 30	4 3	2 58	9 56	0 20	15 1	0 30	23 44	0 7	23 50	0 27	6 44	0 47	21 16	0 54	5 26	13 41	23 24	23 32	2 0		n.a.
T 24	8 30	22 30	0 25	3 28	2 55	10 25	0 18	15 14	0 31	23 44	0 7	23 50	0 27	6 45	0 47	21 16	0 54	5 26	13 41	23 24	23 31	1 57		n.a.
W25	8 52	24 30	0n41	2 51	2 50	10 54	0 16	15 27	0 31	23 44	0 8	23 50	0 27	6 46	0 47	21 16	0 54	5 27	13 41	23 24	23 31	1 54		n.a.
T 26	9 13	25 16	1 48	2 12	2 45	11 23	0 13	15 41	0 32	23 44	0 8	23 50	0 27	6 47	0 47	21 17	0 54	5 27	13 41	23 24	23 31	1 51		n.a.
F 27	9 35	24 39	2 51	1 32	2 40	11 51	0 11	15 53	0 32	23 44	0 8	23 50	0 27	6 47	0 47	21 17	0 53	5 28	13 41	23 24	23 31	1 49		n.a.
S 28	9 56	22 35	3 46	0 51	2 34	12 19	0 9	16 6	0 33	23 45	0 8	23 50	0 27	6 48	0 47	21 17	0 53	5 28	13 41	23 24	23 30	1 46		n.a.
S 29	10 17	19 8	4 29	0 7	2 27	12 47	0 6	16 19	0 33	23 45	0 8	23 50	0 27	6 49	0 47	21 18	0 53	5 29	13 40	23 24	23 30	1 43		n.a.
M30	10n38	14n28	4n57	0n37	2s20	13n15	0s 4	16n32	0n34	23s45	0s 8	23s51	0s27	6n49	0n47	21n18	0s53	5n29	13n40	23n24	23n30	1s40		n.a.

Julian Day Number = 1276273.5, Delta T = 08h12m24s
Ecliptic obliquity = 23°50'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'49, Lahiri = -20°46'48 Julian Calendar 1 Apr. 1219 BCE == Greg. Calendar 21 March 1219 BCE

The year -1218 astronomical counting style corresponds to year 1219 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1219 BCE
geocentric

MAY 1219 BCE (-1218) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 49 40	28♈ 7'42	19♍42	8♈29	5♉56	13♉38	22°R 8	10♑53	14°R43	9♊ 5	17°R51	19°R 6	20♊33	7♈12	n.a.	T 1
W 2	13 53 37	29° 4'52	4♎46	10° 9	7°10	14°17	22♐ 6	10°53	14♍42	9° 7	17♎50	18♊59	20°29	7°19	n.a.	W 2
T 3	13 57 33	0♉ 2'00	19°59	11°52	8°24	14°56	22° 4	10°R53	14°40	9° 9	17°48	18°52	20°26	7°25	n.a.	T 3
F 4	14 1 30	0°59'08	5♏ 9	13°38	9°37	15°35	22° 2	10°53	14°39	9°11	17°47	18°45	20°23	7°32	n.a.	F 4
S 5	14 5 26	1°56'16	20° 6	15°26	10°51	16°14	22° 0	10°53	14°37	9°13	17°45	18°41	20°20	7°39	n.a.	S 5
S 6	14 9 23	2°53'23	4♐43	17°17	12° 4	16°53	21°57	10°52	14°36	9°15	17°43	18°38	20°17	7°45	n.a.	S 6
M 7	14 13 20	3°50'29	18°54	19°10	13°18	17°32	21°55	10°52	14°34	9°16	17°42	18°D37	20°13	7°52	n.a.	M 7
T 8	14 17 16	4°47'36	2♑37	21° 5	14°32	18°11	21°52	10°52	14°33	9°18	17°40	18°38	20°10	7°59	n.a.	T 8
W 9	14 21 13	5°44'42	15°53	23° 3	15°45	18°50	21°49	10°51	14°32	9°20	17°39	18°39	20° 7	8° 6	n.a.	W 9
T 10	14 25 9	6°41'48	28°45	25° 3	16°59	19°29	21°45	10°50	14°30	9°22	17°37	18°40	20° 4	8°12	n.a.	T 10
F 11	14 29 6	7°38'54	11♒16	27° 5	18°12	20° 8	21°42	10°50	14°29	9°24	17°36	18°R40	20° 1	8°19	n.a.	F 11
S 12	14 33 2	8°36'00	23°31	29° 9	19°26	20°47	21°38	10°49	14°28	9°26	17°34	18°39	19°58	8°26	n.a.	S 12
S 13	14 36 59	9°33'05	5♓34	1♉15	20°39	21°26	21°34	10°48	14°27	9°28	17°33	18°36	19°54	8°32	n.a.	S 13
M14	14 40 55	10°30'11	17°29	3°22	21°53	22° 5	21°31	10°47	14°26	9°30	17°31	18°32	19°51	8°39	n.a.	M14
T 15	14 44 52	11°27'16	29°21	5°31	23° 6	22°44	21°26	10°46	14°25	9°32	17°30	18°26	19°48	8°46	n.a.	T 15
W16	14 48 49	12°24'21	11♈13	7°40	24°20	23°23	21°22	10°44	14°24	9°34	17°28	18°20	19°45	8°53	n.a.	W16
T 17	14 52 45	13°21'27	23° 6	9°50	25°34	24° 2	21°18	10°43	14°23	9°36	17°27	18°13	19°42	8°59	n.a.	T 17
F 18	14 56 42	14°18'32	5♉ 3	12° 1	26°47	24°40	21°13	10°42	14°22	9°38	17°25	18° 8	19°39	9° 6	n.a.	F 18
S 19	15 0 38	15°15'37	17° 7	14°12	28° 1	25°19	21° 8	10°40	14°21	9°40	17°24	18° 3	19°35	9°13	n.a.	S 19
S 20	15 4 35	16°12'42	29°18	16°23	29°14	25°58	21° 3	10°39	14°21	9°42	17°22	18° 0	19°32	9°19	n.a.	S 20
M21	15 8 31	17° 9'47	11♊38	18°33	0♊28	26°37	20°58	10°37	14°20	9°44	17°21	17°59	19°29	9°26	n.a.	M21
T 22	15 12 28	18° 6'52	24° 9	20°43	1°41	27°15	20°53	10°35	14°19	9°46	17°20	17°D59	19°26	9°33	n.a.	T 22
W23	15 16 24	19° 3'57	6♋53	22°52	2°55	27°54	20°47	10°33	14°19	9°49	17°18	18° 0	19°23	9°40	n.a.	W23
T 24	15 20 21	20° 1'01	19°51	25° 0	4° 8	28°33	20°42	10°31	14°18	9°51	17°17	18° 1	19°19	9°46	n.a.	T 24
F 25	15 24 18	20°58'06	3♌ 6	27° 7	5°22	29°12	20°36	10°29	14°17	9°53	17°16	18° 3	19°16	9°53	n.a.	F 25
S 26	15 28 14	21°55'10	16°39	29°12	6°35	29°50	20°30	10°27	14°17	9°55	17°15	18°R 3	19°13	10° 0	n.a.	S 26
S 27	15 32 11	22°52'14	0♍33	1♊16	7°49	0♊29	20°24	10°25	14°17	9°57	17°13	18° 3	19°10	10° 6	n.a.	S 27
M28	15 36 7	23°49'18	14°46	3°18	9° 2	1° 7	20°18	10°23	14°16	9°59	17°12	18° 2	19° 7	10°13	n.a.	M28
T 29	15 40 4	24°46'22	29°16	5°19	10°16	1°46	20°12	10°20	14°16	10° 1	17°11	18° 0	19° 4	10°20	n.a.	T 29
W30	15 44 0	25°43'25	14♎ 0	7°18	11°29	2°25	20° 6	10°18	14°16	10° 3	17°10	17°57	19° 0	10°27	n.a.	W30
T 31	15 47 57	26♉40'29	28♎51	9♊15	12♊43	3♊ 3	19♐59	10♑15	14♍15	10♊ 6	17♎ 8	17♊54	18♊57	10♈33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	10n59	8n50	5n 7	1n24	2s13	13n42	0s 2	16n44	0n34	23s45	0s 9	23s51	0s28	6n50	0n47	21n18	0s53	5n30	13n40	23n23	23n30	1s37			n.a.
W 2	11 20	2 35	4 55	2 11	2 4	14 9	0n 1	16 56	0 35	23 45	0 9	23 51	0 28	6 50	0 47	21 19	0 53	5 30	13 40	23 22	23 30	1 34			n.a.
T 3	11 40	3s53	4 23	3 0	1 56	14 35	0 3	17 9	0 35	23 45	0 9	23 51	0 28	6 51	0 47	21 19	0 53	5 30	13 40	23 22	23 29	1 31			n.a.
F 4	12 1	10 7	3 32	3 50	1 47	15 2	0 6	17 21	0 35	23 45	0 9	23 51	0 28	6 51	0 47	21 19	0 53	5 31	13 40	23 21	23 29	1 28			n.a.
S 5	12 21	15 42	2 28	4 41	1 37	15 27	0 8	17 33	0 36	23 45	0 9	23 51	0 28	6 52	0 47	21 20	0 53	5 31	13 39	23 21	23 29	1 25			n.a.
S 6	12 41	20 13	1 14	5 33	1 28	15 53	0 10	17 45	0 36	23 45	0 10	23 51	0 28	6 53	0 46	21 20	0 53	5 32	13 39	23 21	23 29	1 22			n.a.
M 7	13 0	23 24	0s 2	6 26	1 17	16 18	0 13	17 56	0 37	23 45	0 10	23 52	0 28	6 53	0 46	21 20	0 53	5 32	13 39	23 21	23 28	1 19			n.a.
T 8	13 20	25 4	1 15	7 20	1 7	16 42	0 15	18 8	0 37	23 45	0 10	23 52	0 29	6 54	0 46	21 20	0 53	5 33	13 39	23 21	23 28	1 16			n.a.
W 9	13 39	25 14	2 22	8 14	0 56	17 7	0 18	18 19	0 38	23 45	0 10	23 52	0 29	6 54	0 46	21 21	0 53	5 33	13 39	23 21	23 28	1 13			n.a.
T 10	13 59	24 1	3 20	9 9	0 46	17 30	0 20	18 31	0 38	23 45	0 10	23 52	0 29	6 54	0 46	21 21	0 53	5 33	13 38	23 21	23 28	1 11			n.a.
F 11	14 18	21 38	4 7	10 4	0 35	17 54	0 22	18 42	0 39	23 45	0 10	23 52	0 29	6 55	0 46	21 21	0 53	5 34	13 38	23 21	23 27	1 8			n.a.
S 12	14 36	18 19	4 41	10 59	0 24	18 17	0 25	18 53	0 39	23 45	0 11	23 52	0 29	6 55	0 46	21 22	0 53	5 34	13 38	23 21	23 27	1 5			n.a.
S 13	14 55	14 17	5 2	11 54	0 13	18 39	0 27	19 4	0 40	23 45	0 11	23 53	0 29	6 56	0 46	21 22	0 53	5 34	13 38	23 21	23 27	1 2			n.a.
M14	15 13	9 46	5 10	12 49	0 2	19 1	0 29	19 14	0 40	23 45	0 11	23 53	0 29	6 56	0 46	21 22	0 53	5 35	13 37	23 20	23 27	0 59			n.a.
T 15	15 31	4 54	5 4	13 43	0n 9	19 22	0 32	19 25	0 40	23 45	0 11	23 53	0 30	6 56	0 46	21 23	0 53	5 35	13 37	23 20	23 26	0 56			n.a.
W16	15 49	0n 8	4 46	14 36	0 20	19 43	0 34	19 35	0 41	23 45	0 11	23 53	0 30	6 57	0 46	21 23	0 53	5 35	13 37	23 19	23 26	0 53			n.a.
T 17	16 7	5 11	4 15	15 29	0 30	20 4	0 36	19 46	0 41	23 44	0 12	23 54	0 30	6 57	0 46	21 23	0 53	5 36	13 37	23 18	23 26	0 50			n.a.
F 18	16 24	10 5	3 33	16 19	0 40	20 23	0 39	19 56	0 42	23 44	0 12	23 54	0 30	6 57	0 46	21 24	0 53	5 36	13 36	23 18	23 26	0 47			n.a.
S 19	16 41	14 40	2 40	17 9	0 49	20 43	0 41	20 6	0 42	23 44	0 12	23 54	0 30	6 58	0 46	21 24	0 53	5 36	13 36	23 18	23 25	0 44			n.a.
S 20	16 58	18 42	1 40	17 56	0 58	21 1	0 43	20 16	0 43	23 44	0 12	23 54	0 30	6 58	0 46	21 24	0 53	5 36	13 36	23 17	23 25	0 41			n.a.
M21	17 14	21 59	0 35	18 42	1 7	21 20	0 45	20 25	0 43	23 44	0 12	23 55	0 30	6 58	0 46	21 25	0 53	5 37	13 35	23 17	23 25	0 38			n.a.
T 22	17 31	24 16	0n34	19 25	1 14	21 37	0 47	20 35	0 43	23 44	0 12	23 55	0 30	6 58	0 46	21 25	0 53	5 37	13 35	23 17	23 25	0 35			n.a.
W23	17 47	25 21	1 42	20 7	1 22	21 54	0 50	20 44	0 44	23 43	0 13	23 55	0 31	6 59	0 46	21 25	0 53	5 37	13 35	23 17	23 24	0 32			n.a.
T 24	18 2	25 5	2 46	20 46	1 28	22 10	0 52	20 53	0 44	23 43	0 13	23 56	0 31	6 59	0 46	21 26	0 53	5 37	13 34	23 17	23 24	0 29			n.a.
F 25	18 18	23 24	3 43	21 22	1 34	22 26	0 54	21 2	0 45	23 43	0 13	23 56	0 31	6 59	0 46	21 26	0 53	5 37	13 34	23 17	23 24	0 26			n.a.
S 26	18 33	20 22	4 28	21 56	1 40	22 41	0 56	21 11	0 45	23 43	0 13	23 56	0 31	6 59	0 46	21 26	0 53	5 38	13 34	23 18	23 24	0 23			n.a.
S 27	18 48	16 7	5 0	22 27	1 44	22 56	0 58	21 20	0 46	23 43	0 13	23 56	0 31	6 59	0 46	21 27	0 53	5 38	13 33	23 18	23 23	0 21			n.a.
M28	19 2	10 54	5 14	22 56	1 48	23 9	1 0	21 29	0 46	23 42	0 14	23 57	0 31	6 59	0 46	21 27	0 53	5 38	13 33	23 17	23 23	0 18			n.a.
T 29	19 17	5 0	5 8	23 22	1 51	23 23	1 2	21 37	0 46	23 42	0 14	23 57	0 31	6 59	0 46	21 27	0 53	5 38	13 33	23 17	23 23	0 15			n.a.
W30	19 31	1s17	4 42	23 46	1 54	23 35	1 4	21 45	0 47	23 42	0 14	23 57	0 32	7 0	0 46	21 28	0 53	5 38	13 32	23 17	23 23	0 12			n.a.
T 31	19n44	7s33	3n58	24n 7	1n56	23n47	1n 5	21n53	0n47	23s41	0s14	23s58	0s32	7n 0	0n45	21n28	0s53	5n38	13n32	23n17	23n22	0s 9			n.a.

Julian Day Number = 1276303.5, Delta T = 08h12m23s
Ecliptic obliquity = 23°50'24, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'45, Lahiri = -20°46'44 Julian Calendar 1 May 1219 BCE == Greg. Calendar 20 Apr. 1219 BCE

The year -1218 astronomical counting style corresponds to year 1219 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1219 BCE
geocentric

JUNE 1219 BCE (-1218) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 51 54	27♉37'33	13♏43	11♊10	13♊56	3♊42	19°R53	10°R13	14°R15	10♊ 8	17°R 7	17°R52	18♊54	10♈40	n.a.	F 1
S 2	15 55 50	28°34'37	28°26	13° 3	15°10	4°20	19♐46	10♑10	14♍15	10°10	17♎ 6	17♊50	18°51	10°47	n.a.	S 2
S 3	15 59 47	29°31'42	12♐54	14°54	16°23	4°59	19°39	10° 7	14°15	10°12	17° 5	17°D50	18°48	10°53	n.a.	S 3
M 4	16 3 43	0♊28'47	27° 2	16°44	17°37	5°37	19°33	10° 4	14°D15	10°14	17° 4	17°50	18°45	11° 0	n.a.	M 4
T 5	16 7 40	1°25'53	10♑46	18°32	18°50	6°16	19°26	10° 1	14°15	10°17	17° 3	17°51	18°41	11° 7	n.a.	T 5
W 6	16 11 36	2°23'00	24° 5	20°17	20° 4	6°54	19°19	9°58	14°15	10°19	17° 2	17°52	18°38	11°14	n.a.	W 6
T 7	16 15 33	3°20'07	7♒ 0	22° 1	21°17	7°33	19°11	9°55	14°15	10°21	17° 1	17°53	18°35	11°20	n.a.	T 7
F 8	16 19 30	4°17'15	19°35	23°43	22°30	8°11	19° 4	9°52	14°16	10°23	17° 0	17°54	18°32	11°27	n.a.	F 8
S 9	16 23 26	5°14'24	1♓53	25°23	23°44	8°50	18°57	9°49	14°16	10°25	16°59	17°R54	18°29	11°34	n.a.	S 9
S 10	16 27 23	6°11'33	13°57	27° 1	24°57	9°28	18°50	9°45	14°16	10°28	16°58	17°54	18°25	11°40	n.a.	S 10
M11	16 31 19	7° 8'44	25°54	28°38	26°11	10° 7	18°42	9°42	14°17	10°30	16°57	17°54	18°22	11°47	n.a.	M11
T 12	16 35 16	8° 5'55	7♈46	0♋12	27°24	10°45	18°35	9°39	14°17	10°32	16°56	17°53	18°19	11°54	n.a.	T 12
W13	16 39 12	9° 3'07	19°38	1°44	28°38	11°24	18°27	9°35	14°17	10°34	16°55	17°51	18°16	12° 1	n.a.	W13
T 14	16 43 9	10° 0'21	1♉35	3°15	29°51	12° 2	18°20	9°31	14°18	10°37	16°55	17°50	18°13	12° 7	n.a.	T 14
F 15	16 47 5	10°57'35	13°38	4°44	1♋ 4	12°41	18°12	9°28	14°18	10°39	16°54	17°49	18°10	12°14	n.a.	F 15
S 16	16 51 2	11°54'50	25°50	6°10	2°18	13°19	18° 4	9°24	14°19	10°41	16°53	17°49	18° 6	12°21	n.a.	S 16
S 17	16 54 59	12°52'07	8♊14	7°35	3°31	13°57	17°57	9°20	14°20	10°43	16°52	17°48	18° 3	12°27	n.a.	S 17
M18	16 58 55	13°49'24	20°51	8°58	4°45	14°36	17°49	9°17	14°21	10°46	16°52	17°D48	18° 0	12°34	n.a.	M18
T 19	17 2 52	14°46'42	3♋41	10°18	5°58	15°14	17°41	9°13	14°21	10°48	16°51	17°48	17°57	12°41	n.a.	T 19
W20	17 6 48	15°44'01	16°45	11°37	7°11	15°52	17°33	9° 9	14°22	10°50	16°50	17°49	17°54	12°48	n.a.	W20
T 21	17 10 45	16°41'21	0♌ 3	12°53	8°25	16°31	17°25	9° 5	14°23	10°52	16°50	17°49	17°51	12°54	n.a.	T 21
F 22	17 14 41	17°38'41	13°35	14° 7	9°38	17° 9	17°18	9° 1	14°24	10°54	16°49	17°R49	17°47	13° 1	n.a.	F 22
S 23	17 18 38	18°36'02	27°19	15°19	10°51	17°48	17°10	8°57	14°25	10°57	16°49	17°49	17°44	13° 8	n.a.	S 23
S 24	17 22 34	19°33'24	11♍16	16°29	12° 5	18°26	17° 2	8°53	14°26	10°59	16°48	17°49	17°41	13°14	n.a.	S 24
M25	17 26 31	20°30'47	25°24	17°36	13°18	19° 4	16°54	8°48	14°27	11° 1	16°48	17°D49	17°38	13°21	n.a.	M25
T 26	17 30 28	21°28'11	9♎41	18°41	14°31	19°42	16°47	8°44	14°28	11° 3	16°47	17°49	17°35	13°28	n.a.	T 26
W27	17 34 24	22°25'35	24° 5	19°43	15°45	20°21	16°39	8°40	14°29	11° 5	16°47	17°49	17°31	13°35	n.a.	W27
T 28	17 38 21	23°23'01	8♏31	20°42	16°58	20°59	16°31	8°36	14°31	11° 8	16°46	17°50	17°28	13°41	n.a.	T 28
F 29	17 42 17	24°20'27	22°56	21°39	18°11	21°37	16°24	8°31	14°32	11°10	16°46	17°50	17°25	13°48	n.a.	F 29
S 30	17 46 14	25♊17'54	7♐14	22♋32	19♋25	22♊16	16♐16	8♑27	14♍33	11♊12	16♎46	17♊51	17♊22	13♈55	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n58	13s24	2n57	24n25	1n57	23n58	1n 7	22n 1	0n48	23s41	0s14	23s58	0s32	7n 0	0n45	21n28	0s53	5n38	13n32	23n17	23n22	0s 6		n.a.
S 2	20 11	18 26	1 45	24 41	1 58	24 8	1 9	22 9	0 48	23 41	0 15	23 58	0 32	7 0	0 45	21 29	0 53	5 38	13 31	23 16	23 22	0 3		n.a.
S 3	20 23	22 17	0 27	24 55	1 57	24 18	1 11	22 17	0 48	23 40	0 15	23 59	0 32	7 0	0 45	21 29	0 53	5 38	13 31	23 16	23 21	0n 0		n.a.
M 4	20 36	24 39	0s51	25 6	1 57	24 27	1 12	22 24	0 49	23 40	0 15	23 59	0 32	7 0	0 45	21 29	0 53	5 38	13 30	23 16	23 21	0 3		n.a.
T 5	20 47	25 27	2 3	25 15	1 55	24 35	1 14	22 31	0 49	23 40	0 15	23 59	0 32	6 59	0 45	21 30	0 53	5 38	13 30	23 16	23 21	0 6		n.a.
W 6	20 59	24 43	3 7	25 22	1 53	24 43	1 16	22 38	0 49	23 39	0 15	24 0	0 32	6 59	0 45	21 30	0 53	5 38	13 30	23 17	23 21	0 9		n.a.
T 7	21 10	22 41	3 59	25 27	1 51	24 50	1 17	22 45	0 50	23 39	0 15	24 0	0 33	6 59	0 45	21 30	0 53	5 38	13 29	23 17	23 20	0 12		n.a.
F 8	21 21	19 35	4 39	25 29	1 48	24 56	1 18	22 52	0 50	23 38	0 16	24 1	0 33	6 59	0 45	21 31	0 52	5 38	13 29	23 17	23 20	0 15		n.a.
S 9	21 32	15 42	5 4	25 30	1 44	25 1	1 20	22 58	0 51	23 38	0 16	24 1	0 33	6 59	0 45	21 31	0 52	5 38	13 28	23 17	23 20	0 18		n.a.
S 10	21 42	11 15	5 15	25 29	1 40	25 6	1 21	23 5	0 51	23 38	0 16	24 1	0 33	6 59	0 45	21 31	0 52	5 38	13 28	23 17	23 20	0 21		n.a.
M11	21 52	6 26	5 13	25 26	1 36	25 10	1 23	23 11	0 51	23 37	0 16	24 2	0 33	6 59	0 45	21 32	0 52	5 38	13 27	23 17	23 19	0 24		n.a.
T 12	22 1	1 25	4 57	25 21	1 31	25 13	1 24	23 17	0 52	23 37	0 16	24 2	0 33	6 59	0 45	21 32	0 52	5 38	13 27	23 17	23 19	0 27		n.a.
W13	22 11	3n40	4 29	25 15	1 25	25 15	1 25	23 23	0 52	23 36	0 16	24 2	0 33	6 58	0 45	21 32	0 52	5 38	13 27	23 16	23 19	0 30		n.a.
T 14	22 19	8 39	3 49	25 7	1 19	25 16	1 26	23 29	0 52	23 36	0 17	24 3	0 33	6 58	0 45	21 33	0 52	5 38	13 26	23 16	23 18	0 33		n.a.
F 15	22 28	13 22	2 58	24 58	1 13	25 17	1 27	23 34	0 53	23 35	0 17	24 3	0 34	6 58	0 45	21 33	0 52	5 38	13 26	23 16	23 18	0 36		n.a.
S 16	22 36	17 37	1 59	24 47	1 6	25 17	1 28	23 39	0 53	23 35	0 17	24 4	0 34	6 57	0 45	21 33	0 52	5 38	13 25	23 16	23 18	0 39		n.a.
S 17	22 43	21 11	0 53	24 35	0 58	25 17	1 29	23 45	0 54	23 34	0 17	24 4	0 34	6 57	0 45	21 34	0 52	5 38	13 25	23 16	23 18	0 42		n.a.
M18	22 50	23 48	0n17	24 22	0 51	25 15	1 30	23 49	0 54	23 34	0 17	24 4	0 34	6 57	0 45	21 34	0 52	5 37	13 24	23 16	23 17	0 45		n.a.
T 19	22 57	25 14	1 27	24 8	0 42	25 13	1 31	23 54	0 54	23 33	0 18	24 5	0 34	6 57	0 45	21 34	0 52	5 37	13 24	23 16	23 17	0 48		n.a.
W20	23 4	25 19	2 34	23 53	0 34	25 10	1 32	23 59	0 55	23 32	0 18	24 5	0 34	6 56	0 45	21 35	0 52	5 37	13 23	23 16	23 17	0 51		n.a.
T 21	23 10	23 57	3 33	23 37	0 25	25 6	1 32	24 3	0 55	23 32	0 18	24 6	0 34	6 56	0 45	21 35	0 52	5 37	13 23	23 16	23 16	0 54		n.a.
F 22	23 15	21 12	4 22	23 20	0 16	25 2	1 33	24 7	0 55	23 31	0 18	24 6	0 34	6 55	0 44	21 35	0 52	5 37	13 22	23 16	23 16	0 57		n.a.
S 23	23 20	17 14	4 57	23 3	0 6	24 56	1 33	24 11	0 56	23 31	0 18	24 6	0 35	6 55	0 44	21 36	0 52	5 36	13 22	23 16	23 16	1 0		n.a.
S 24	23 25	12 18	5 15	22 45	0s 3	24 50	1 34	24 15	0 56	23 30	0 18	24 7	0 35	6 54	0 44	21 36	0 52	5 36	13 21	23 16	23 16	1 3		n.a.
M25	23 30	6 39	5 14	22 26	0 14	24 44	1 34	24 19	0 56	23 29	0 19	24 7	0 35	6 54	0 44	21 36	0 52	5 36	13 21	23 16	23 15	1 6		n.a.
T 26	23 34	0 36	4 54	22 7	0 24	24 36	1 35	24 22	0 57	23 29	0 19	24 8	0 35	6 54	0 44	21 37	0 52	5 36	13 20	23 16	23 15	1 9		n.a.
W27	23 37	5s32	4 16	21 48	0 35	24 28	1 35	24 26	0 57	23 28	0 19	24 8	0 35	6 53	0 44	21 37	0 52	5 35	13 20	23 16	23 15	1 12		n.a.
T 28	23 40	11 25	3 21	21 28	0 46	24 19	1 35	24 29	0 57	23 28	0 19	24 8	0 35	6 52	0 44	21 37	0 52	5 35	13 19	23 16	23 14	1 15		n.a.
F 29	23 43	16 40	2 14	21 8	0 57	24 9	1 35	24 32	0 58	23 27	0 19	24 9	0 35	6 52	0 44	21 38	0 52	5 35	13 19	23 16	23 14	1 18		n.a.
S 30	23n45	20s55	0n58	20n48	1s 8	23n59	1n35	24n34	0n58	23s26	0s19	24s 9	0s35	6n51	0n44	21n38	0s52	5n34	13n18	23n16	23n14	1n21		n.a.

Julian Day Number = 1276334.5, Delta T = 08h12m21s
Ecliptic obliquity = 23°50'24, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'40, Lahiri = -20°46'40 Julian Calendar 1 June 1219 BCE == Greg. Calendar 21 May 1219 BCE

The year -1218 astronomical counting style corresponds to year 1219 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1219 BCE
geocentric

JULY 1219 BCE (-1218) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 50 10	26♊15'23	21♐22	23♋22	20♋38	22♊54	16°R 8	8°R23	14♍35	11♊14	16°R45	17°R51	17♊19	14♈ 1	n.a.	S 1
M 2	17 54 7	27°12'53	5♑15	24° 9	21°51	23°32	16♐ 1	8♑18	14°36	11°16	16♎45	17♊50	17°16	14° 8	n.a.	M 2
T 3	17 58 4	28°10'25	18°49	24°53	23° 4	24°10	15°53	8°14	14°38	11°18	16°45	17°49	17°12	14°15	n.a.	T 3
W 4	18 2 0	29° 7'57	2♒ 4	25°33	24°17	24°49	15°46	8°10	14°39	11°21	16°45	17°48	17° 9	14°22	n.a.	W 4
T 5	18 5 57	0♋ 5'32	14°59	26° 9	25°31	25°27	15°39	8° 5	14°41	11°23	16°44	17°47	17° 6	14°28	n.a.	T 5
F 6	18 9 53	1° 3'08	27°34	26°41	26°44	26° 5	15°32	8° 1	14°42	11°25	16°44	17°45	17° 3	14°35	n.a.	F 6
S 7	18 13 50	2° 0'45	9♓53	27° 9	27°57	26°43	15°24	7°56	14°44	11°27	16°44	17°43	17° 0	14°42	n.a.	S 7
S 8	18 17 46	2°58'24	21°59	27°32	29°10	27°22	15°17	7°52	14°46	11°29	16°44	17°42	16°57	14°48	n.a.	S 8
M 9	18 21 43	3°56'05	3♈56	27°51	0♌23	28° 0	15°10	7°47	14°48	11°31	16°44	17°D42	16°53	14°55	n.a.	M 9
T 10	18 25 39	4°53'48	15°48	28° 5	1°36	28°38	15° 3	7°43	14°49	11°33	16°D44	17°42	16°50	15° 2	n.a.	T 10
W11	18 29 36	5°51'32	27°41	28°13	2°49	29°16	14°57	7°38	14°51	11°35	16°44	17°43	16°47	15° 8	n.a.	W11
T 12	18 33 33	6°49'19	9♉39	28°R17	4° 3	29°55	14°50	7°34	14°53	11°37	16°44	17°45	16°44	15°15	n.a.	T 12
F 13	18 37 29	7°47'07	21°47	28°14	5°16	0♋33	14°43	7°29	14°55	11°40	16°44	17°46	16°41	15°22	n.a.	F 13
S 14	18 41 26	8°44'57	4♊ 7	28° 6	6°29	1°11	14°37	7°25	14°57	11°42	16°44	17°48	16°37	15°29	n.a.	S 14
S 15	18 45 22	9°42'49	16°42	27°53	7°42	1°49	14°30	7°20	14°59	11°44	16°45	17°R48	16°34	15°35	n.a.	S 15
M16	18 49 19	10°40'43	29°36	27°33	8°55	2°28	14°24	7°15	15° 1	11°46	16°45	17°48	16°31	15°42	n.a.	M16
T 17	18 53 15	11°38'38	12♋47	27° 8	10° 8	3° 6	14°18	7°11	15° 3	11°48	16°45	17°46	16°28	15°49	n.a.	T 17
W18	18 57 12	12°36'35	26°16	26°36	11°21	3°44	14°12	7° 6	15° 6	11°50	16°45	17°43	16°25	15°55	n.a.	W18
T 19	19 1 8	13°34'34	10♌ 0	26° 0	12°34	4°22	14° 6	7° 2	15° 8	11°52	16°46	17°40	16°22	16° 2	n.a.	T 19
F 20	19 5 5	14°32'34	23°57	25°18	13°47	5° 0	14° 0	6°57	15°10	11°53	16°46	17°36	16°18	16° 9	n.a.	F 20
S 21	19 9 2	15°30'36	8♍ 2	24°32	15° 0	5°39	13°55	6°53	15°12	11°55	16°46	17°32	16°15	16°16	n.a.	S 21
S 22	19 12 58	16°28'40	22°13	23°41	16°13	6°17	13°49	6°49	15°15	11°57	16°47	17°29	16°12	16°22	n.a.	S 22
M23	19 16 55	17°26'44	6♎27	22°47	17°26	6°55	13°44	6°44	15°17	11°59	16°47	17°28	16° 9	16°29	n.a.	M23
T 24	19 20 51	18°24'51	20°40	21°52	18°39	7°33	13°39	6°40	15°20	12° 1	16°48	17°D27	16° 6	16°36	n.a.	T 24
W25	19 24 48	19°22'59	4♏49	20°55	19°51	8°11	13°34	6°35	15°22	12° 3	16°48	17°28	16° 3	16°42	n.a.	W25
T 26	19 28 44	20°21'08	18°55	19°57	21° 4	8°50	13°29	6°31	15°25	12° 5	16°49	17°29	15°59	16°49	n.a.	T 26
F 27	19 32 41	21°19'20	2♐54	19° 2	22°17	9°28	13°24	6°27	15°27	12° 7	16°49	17°31	15°56	16°56	n.a.	F 27
S 28	19 36 37	22°17'33	16°45	18° 8	23°30	10° 6	13°20	6°22	15°30	12° 8	16°50	17°R31	15°53	17° 2	n.a.	S 28
S 29	19 40 34	23°15'47	0♑27	17°19	24°43	10°44	13°16	6°18	15°33	12°10	16°51	17°31	15°50	17° 9	n.a.	S 29
M30	19 44 31	24°14'04	13°57	16°34	25°55	11°22	13°11	6°14	15°35	12°12	16°51	17°28	15°47	17°16	n.a.	M30
T 31	19 48 27	25♋12'22	27♑14	15♋55	27♌ 8	12♋ 1	13♐ 7	6♑10	15♍38	12♊14	16♎52	17♊24	15♊43	17♈23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n47	23s53	0s20	20n28	1s20	23n48	1n35	24n37	0n58	23s26	0s19	24s10	0s35	6n51	0n44	21n38	0s52	5n34	13n18	23n16	23n13	1n23			n.a.
M 2	23 49	25 19	1 35	20 8	1 32	23 36	1 35	24 39	0 59	23 25	0 20	24 10	0 36	6 50	0 44	21 39	0 52	5 34	13 17	23 16	23 13	1 26			n.a.
T 3	23 50	25 11	2 43	19 49	1 43	23 23	1 35	24 41	0 59	23 24	0 20	24 10	0 36	6 50	0 44	21 39	0 52	5 33	13 17	23 16	23 13	1 29			n.a.
W 4	23 50	23 37	3 41	19 30	1 55	23 10	1 35	24 43	0 59	23 24	0 20	24 11	0 36	6 49	0 44	21 39	0 52	5 33	13 16	23 16	23 12	1 32			n.a.
T 5	23 50	20 50	4 26	19 11	2 7	22 56	1 34	24 45	0 59	23 23	0 20	24 11	0 36	6 48	0 44	21 40	0 52	5 33	13 16	23 16	23 12	1 35			n.a.
F 6	23 50	17 9	4 57	18 53	2 19	22 42	1 34	24 47	1 0	23 22	0 20	24 11	0 36	6 48	0 44	21 40	0 52	5 32	13 15	23 16	23 12	1 38			n.a.
S 7	23 49	12 48	5 13	18 36	2 31	22 27	1 34	24 48	1 0	23 22	0 20	24 12	0 36	6 47	0 44	21 40	0 52	5 32	13 15	23 16	23 12	1 41			n.a.
S 8	23 48	8 2	5 15	18 20	2 43	22 11	1 33	24 49	1 0	23 21	0 20	24 12	0 36	6 46	0 44	21 40	0 52	5 31	13 14	23 16	23 11	1 44			n.a.
M 9	23 47	3 2	5 3	18 5	2 55	21 55	1 32	24 50	1 1	23 20	0 21	24 13	0 36	6 45	0 44	21 41	0 52	5 31	13 14	23 16	23 11	1 47			n.a.
T 10	23 45	2n 3	4 39	17 51	3 7	21 37	1 32	24 51	1 1	23 20	0 21	24 13	0 36	6 45	0 44	21 41	0 52	5 30	13 13	23 16	23 11	1 50			n.a.
W11	23 42	7 4	4 2	17 38	3 18	21 20	1 31	24 52	1 1	23 19	0 21	24 13	0 36	6 44	0 44	21 41	0 52	5 30	13 13	23 16	23 10	1 53			n.a.
T 12	23 40	11 52	3 15	17 27	3 29	21 2	1 30	24 52	1 2	23 18	0 21	24 14	0 37	6 43	0 44	21 42	0 52	5 29	13 12	23 16	23 10	1 56			n.a.
F 13	23 36	16 17	2 19	17 17	3 39	20 43	1 29	24 52	1 2	23 18	0 21	24 14	0 37	6 42	0 44	21 42	0 52	5 29	13 12	23 16	23 10	1 59			n.a.
S 14	23 33	20 6	1 15	17 9	3 49	20 23	1 28	24 52	1 2	23 17	0 21	24 14	0 37	6 41	0 44	21 42	0 52	5 28	13 11	23 16	23 9	2 2			n.a.
S 15	23 29	23 4	0 6	17 3	3 58	20 3	1 27	24 52	1 3	23 17	0 21	24 15	0 37	6 41	0 44	21 42	0 52	5 28	13 11	23 16	23 9	2 5			n.a.
M16	23 24	24 55	1n 4	16 59	4 6	19 43	1 26	24 52	1 3	23 16	0 22	24 15	0 37	6 40	0 43	21 43	0 52	5 27	13 10	23 16	23 9	2 8			n.a.
T 17	23 19	25 25	2 13	16 57	4 12	19 22	1 25	24 51	1 3	23 15	0 22	24 15	0 37	6 39	0 43	21 43	0 52	5 27	13 10	23 16	23 8	2 11			n.a.
W18	23 14	24 27	3 16	16 58	4 18	19 0	1 24	24 51	1 3	23 15	0 22	24 16	0 37	6 38	0 43	21 43	0 52	5 26	13 9	23 16	23 8	2 14			n.a.
T 19	23 8	22 1	4 8	17 0	4 23	18 38	1 22	24 50	1 4	23 14	0 22	24 16	0 37	6 37	0 43	21 43	0 52	5 25	13 9	23 15	23 8	2 17			n.a.
F 20	23 2	18 15	4 47	17 5	4 26	18 15	1 21	24 48	1 4	23 14	0 22	24 16	0 37	6 36	0 43	21 44	0 52	5 25	13 8	23 15	23 7	2 20			n.a.
S 21	22 55	13 27	5 9	17 12	4 27	17 52	1 19	24 47	1 4	23 13	0 22	24 17	0 37	6 35	0 43	21 44	0 52	5 24	13 8	23 15	23 7	2 23			n.a.
S 22	22 48	7 53	5 12	17 21	4 26	17 28	1 18	24 46	1 4	23 13	0 22	24 17	0 37	6 34	0 43	21 44	0 52	5 23	13 7	23 14	23 7	2 26			n.a.
M23	22 41	1 55	4 56	17 32	4 24	17 4	1 16	24 44	1 5	23 12	0 22	24 17	0 37	6 33	0 43	21 44	0 52	5 23	13 7	23 14	23 6	2 29			n.a.
T 24	22 33	4s10	4 22	17 46	4 20	16 40	1 14	24 42	1 5	23 11	0 22	24 18	0 38	6 32	0 43	21 45	0 52	5 22	13 6	23 14	23 6	2 32			n.a.
W25	22 25	10 1	3 32	18 1	4 13	16 15	1 13	24 40	1 5	23 11	0 23	24 18	0 38	6 31	0 43	21 45	0 52	5 22	13 6	23 14	23 6	2 35			n.a.
T 26	22 16	15 20	2 30	18 17	4 5	15 50	1 11	24 38	1 6	23 10	0 23	24 18	0 38	6 30	0 43	21 45	0 52	5 21	13 5	23 14	23 5	2 38			n.a.
F 27	22 7	19 48	1 19	18 35	3 55	15 24	1 9	24 35	1 6	23 10	0 23	24 19	0 38	6 29	0 43	21 45	0 52	5 20	13 5	23 15	23 5	2 41			n.a.
S 28	21 58	23 6	0 4	18 54	3 43	14 58	1 7	24 33	1 6	23 10	0 23	24 19	0 38	6 28	0 43	21 46	0 52	5 19	13 4	23 15	23 5	2 44			n.a.
S 29	21 48	25 0	1s10	19 14	3 29	14 31	1 5	24 30	1 6	23 9	0 23	24 19	0 38	6 27	0 43	21 46	0 52	5 19	13 3	23 15	23 4	2 47			n.a.
M30	21 38	25 24	2 19	19 35	3 14	14 4	1 3	24 27	1 7	23 9	0 23	24 19	0 38	6 26	0 43	21 46	0 52	5 18	13 3	23 14	23 4	2 50			n.a.
T 31	21n27	24s19	3s19	19n55	2s58	13n37	1n 0	24n24	1n 7	23s 8	0s23	24s20	0s38	6n25	0n43	21n46	0s52	5n17	13n 2	23n14	23n 4	2n54			n.a.

Julian Day Number = 1276364.5, Delta T = 08h12m19s
Ecliptic obliquity = 23°50'23, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'36, Lahiri = -20°46'36 Julian Calendar 1 July 1219 BCE == Greg. Calendar 20 June 1219 BCE

The year -1218 astronomical counting style corresponds to year 1219 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1219 BCE
geocentric

AUGUST 1219 BCE (-1218) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 52 24	26♋10'43	10♒16	15°R23	28♌21	12♋39	13°R 4	6°R 6	15♍41	12♊15	16♎53	17°R18	15♊40	17♈29	n.a.	W 1
T 2	19 56 20	27° 9'05	23° 2	14♋59	29°33	13°17	13♐ 0	6♑ 2	15°43	12°17	16°53	17♊11	15°37	17°36	n.a.	T 2
F 3	20 0 17	28° 7'30	5♓33	14°44	0♍46	13°55	12°56	5°58	15°46	12°19	16°54	17° 4	15°34	17°43	n.a.	F 3
S 4	20 4 13	29° 5'56	17°49	14°D37	1°58	14°33	12°53	5°54	15°49	12°21	16°55	16°58	15°31	17°49	n.a.	S 4
S 5	20 8 10	0♌ 4'25	29°54	14°39	3°11	15°12	12°50	5°50	15°52	12°22	16°56	16°52	15°28	17°56	n.a.	S 5
M 6	20 12 6	1° 2'56	11♈50	14°50	4°23	15°50	12°47	5°46	15°55	12°24	16°57	16°48	15°24	18° 3	n.a.	M 6
T 7	20 16 3	2° 1'30	23°42	15°11	5°36	16°28	12°44	5°42	15°58	12°25	16°58	16°46	15°21	18°10	n.a.	T 7
W 8	20 19 59	3° 0'06	5♉33	15°41	6°48	17° 6	12°42	5°38	16° 1	12°27	16°59	16°D45	15°18	18°16	n.a.	W 8
T 9	20 23 56	3°58'44	17°30	16°19	8° 1	17°45	12°39	5°34	16° 4	12°28	17° 0	16°46	15°15	18°23	n.a.	T 9
F 10	20 27 53	4°57'24	29°38	17° 6	9°13	18°23	12°37	5°31	16° 7	12°30	17° 1	16°48	15°12	18°30	n.a.	F 10
S 11	20 31 49	5°56'07	12♊ 0	18° 1	10°26	19° 1	12°35	5°27	16°10	12°31	17° 2	16°R49	15° 8	18°36	n.a.	S 11
S 12	20 35 46	6°54'53	24°42	19° 4	11°38	19°39	12°33	5°24	16°13	12°33	17° 3	16°48	15° 5	18°43	n.a.	S 12
M13	20 39 42	7°53'40	7♋47	20°13	12°50	20°17	12°32	5°20	16°16	12°34	17° 4	16°46	15° 2	18°50	n.a.	M13
T 14	20 43 39	8°52'30	21°15	21°29	14° 3	20°56	12°30	5°17	16°20	12°36	17° 5	16°42	14°59	18°56	n.a.	T 14
W15	20 47 35	9°51'23	5♌ 5	22°50	15°15	21°34	12°29	5°13	16°23	12°37	17° 6	16°36	14°56	19° 3	n.a.	W15
T 16	20 51 32	10°50'17	19°16	24°16	16°27	22°12	12°28	5°10	16°26	12°39	17° 8	16°27	14°53	19°10	n.a.	T 16
F 17	20 55 28	11°49'13	3♍41	25°47	17°39	22°50	12°27	5° 7	16°29	12°40	17° 9	16°18	14°49	19°17	n.a.	F 17
S 18	20 59 25	12°48'12	18°14	27°21	18°52	23°29	12°27	5° 4	16°33	12°41	17°10	16°10	14°46	19°23	n.a.	S 18
S 19	21 3 22	13°47'12	2♎49	28°59	20° 4	24° 7	12°26	5° 1	16°36	12°43	17°12	16° 2	14°43	19°30	n.a.	S 19
M20	21 7 18	14°46'14	17°18	0♏39	21°16	24°45	12°26	4°58	16°39	12°44	17°13	15°57	14°40	19°37	n.a.	M20
T 21	21 11 15	15°45'19	1♏38	2°21	22°28	25°23	12°D26	4°55	16°43	12°45	17°14	15°54	14°37	19°43	n.a.	T 21
W22	21 15 11	16°44'25	15°46	4° 5	23°40	26° 2	12°26	4°52	16°46	12°46	17°16	15°D53	14°34	19°50	n.a.	W22
T 23	21 19 8	17°43'33	29°41	5°51	24°52	26°40	12°27	4°50	16°49	12°47	17°17	15°54	14°30	19°57	n.a.	T 23
F 24	21 23 4	18°42'43	13♐23	7°37	26° 4	27°18	12°27	4°47	16°53	12°49	17°19	15°R54	14°27	20° 3	n.a.	F 24
S 25	21 27 1	19°41'55	26°52	9°24	27°15	27°57	12°28	4°44	16°56	12°50	17°20	15°54	14°24	20°10	n.a.	S 25
S 26	21 30 57	20°41'09	10♑10	11°12	28°27	28°35	12°29	4°42	17° 0	12°51	17°22	15°51	14°21	20°17	n.a.	S 26
M27	21 34 54	21°40'24	23°16	12°59	29°39	29°13	12°30	4°40	17° 3	12°52	17°23	15°46	14°18	20°24	n.a.	M27
T 28	21 38 50	22°39'42	6♒12	14°47	0♎51	29°51	12°31	4°37	17° 7	12°53	17°25	15°38	14°14	20°30	n.a.	T 28
W29	21 42 47	23°39'02	18°56	16°35	2° 2	0♌30	12°33	4°35	17°10	12°54	17°26	15°28	14°11	20°37	n.a.	W29
T 30	21 46 44	24°38'24	1♓29	18°22	3°14	1° 8	12°35	4°33	17°14	12°55	17°28	15°16	14° 8	20°44	n.a.	T 30
F 31	21 50 40	25♌37'49	13♓50	20♌ 9	4♎26	1♌46	12♐37	4♑31	17♍17	12♊56	17♎29	15♊ 3	14♊ 5	20♈50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	21n16	21s55	4s 7	20n16	2s41	13n 9	0n58	24n20	1n 7	23s 8	0s23	24s20	0s38	6n24	0n43	21n47	0s52	5n16	13n 2	23n13	23n 3	2n57			n.a.
T 2	21 5	18 30	4 42	20 37	2 23	12 41	0 56	24 17	1 7	23 7	0 23	24 20	0 38	6 23	0 43	21 47	0 52	5 16	13 1	23 13	23 3	3 0			n.a.
F 3	20 53	14 18	5 3	20 57	2 5	12 13	0 53	24 13	1 8	23 7	0 23	24 20	0 38	6 21	0 43	21 47	0 52	5 15	13 1	23 12	23 3	3 3			n.a.
S 4	20 41	9 37	5 9	21 16	1 46	11 44	0 51	24 9	1 8	23 7	0 24	24 21	0 38	6 20	0 43	21 47	0 52	5 14	13 0	23 11	23 2	3 6			n.a.
S 5	20 28	4 38	5 1	21 34	1 28	11 15	0 48	24 5	1 8	23 6	0 24	24 21	0 38	6 19	0 43	21 47	0 52	5 13	13 0	23 11	23 2	3 9			n.a.
M 6	20 16	0n28	4 40	21 51	1 10	10 46	0 46	24 1	1 8	23 6	0 24	24 21	0 38	6 18	0 43	21 48	0 52	5 13	12 59	23 10	23 2	3 12			n.a.
T 7	20 2	5 31	4 7	22 6	0 52	10 17	0 43	23 56	1 9	23 6	0 24	24 21	0 39	6 17	0 43	21 48	0 52	5 12	12 59	23 10	23 1	3 15			n.a.
W 8	19 49	10 23	3 24	22 20	0 34	9 47	0 40	23 52	1 9	23 6	0 24	24 22	0 39	6 16	0 43	21 48	0 52	5 11	12 58	23 10	23 1	3 18			n.a.
T 9	19 35	14 55	2 31	22 32	0 18	9 17	0 38	23 47	1 9	23 5	0 24	24 22	0 39	6 14	0 43	21 48	0 52	5 10	12 58	23 10	23 0	3 21			n.a.
F 10	19 21	18 55	1 31	22 42	0 2	8 47	0 35	23 42	1 9	23 5	0 24	24 22	0 39	6 13	0 43	21 48	0 52	5 9	12 57	23 10	23 0	3 24			n.a.
S 11	19 6	22 11	0 26	22 49	0n13	8 16	0 32	23 37	1 10	23 5	0 24	24 22	0 39	6 12	0 43	21 49	0 52	5 8	12 57	23 10	23 0	3 27			n.a.
S 12	18 51	24 26	0n42	22 54	0 27	7 46	0 29	23 31	1 10	23 5	0 24	24 22	0 39	6 11	0 43	21 49	0 52	5 8	12 56	23 10	22 59	3 30			n.a.
M13	18 36	25 27	1 50	22 57	0 40	7 15	0 26	23 26	1 10	23 5	0 24	24 23	0 39	6 9	0 43	21 49	0 53	5 7	12 56	23 10	22 59	3 33			n.a.
T 14	18 20	25 0	2 54	22 56	0 51	6 44	0 23	23 20	1 10	23 5	0 24	24 23	0 39	6 8	0 43	21 49	0 53	5 6	12 55	23 10	22 59	3 36			n.a.
W15	18 5	23 1	3 49	22 53	1 2	6 13	0 20	23 14	1 10	23 5	0 24	24 23	0 39	6 7	0 43	21 49	0 53	5 5	12 55	23 9	22 58	3 39			n.a.
T 16	17 48	19 35	4 32	22 48	1 12	5 42	0 17	23 8	1 11	23 5	0 25	24 23	0 39	6 5	0 43	21 49	0 53	5 4	12 55	23 8	22 58	3 42			n.a.
F 17	17 32	14 56	4 58	22 39	1 20	5 10	0 14	23 2	1 11	23 4	0 25	24 23	0 39	6 4	0 42	21 50	0 53	5 3	12 54	23 7	22 58	3 45			n.a.
S 18	17 15	9 23	5 5	22 28	1 28	4 39	0 11	22 56	1 11	23 4	0 25	24 24	0 39	6 3	0 42	21 50	0 53	5 2	12 54	23 6	22 57	3 48			n.a.
S 19	16 58	3 19	4 52	22 14	1 34	4 7	0 7	22 49	1 11	23 4	0 25	24 24	0 39	6 2	0 42	21 50	0 53	5 1	12 53	23 6	22 57	3 51			n.a.
M20	16 40	2s54	4 21	21 58	1 39	3 35	0 4	22 42	1 12	23 5	0 25	24 24	0 39	6 0	0 42	21 50	0 53	5 0	12 53	23 5	22 57	3 54			n.a.
T 21	16 23	8 54	3 33	21 39	1 44	3 3	0 1	22 35	1 12	23 5	0 25	24 24	0 39	5 59	0 42	21 50	0 53	4 59	12 52	23 5	22 56	3 57			n.a.
W22	16 5	14 23	2 34	21 17	1 47	2 31	0s 2	22 28	1 12	23 5	0 25	24 24	0 39	5 57	0 42	21 50	0 53	4 58	12 52	23 5	22 56	4 0			n.a.
T 23	15 47	19 2	1 25	20 54	1 50	1 59	0 6	22 21	1 12	23 5	0 25	24 24	0 39	5 56	0 42	21 50	0 53	4 57	12 51	23 5	22 55	4 3			n.a.
F 24	15 28	22 34	0 13	20 28	1 51	1 27	0 9	22 14	1 12	23 5	0 25	24 24	0 39	5 55	0 42	21 51	0 53	4 57	12 51	23 5	22 55	4 6			n.a.
S 25	15 9	24 46	0s58	20 0	1 52	0 55	0 13	22 6	1 13	23 5	0 25	24 25	0 39	5 53	0 42	21 51	0 53	4 56	12 50	23 5	22 55	4 9			n.a.
S 26	14 50	25 32	2 5	19 31	1 53	0 23	0 16	21 59	1 13	23 5	0 25	24 25	0 39	5 52	0 42	21 51	0 53	4 55	12 50	23 4	22 54	4 12			n.a.
M27	14 31	24 50	3 5	18 59	1 52	0s 9	0 20	21 51	1 13	23 6	0 25	24 25	0 39	5 51	0 42	21 51	0 53	4 54	12 50	23 4	22 54	4 15			n.a.
T 28	14 11	22 48	3 54	18 27	1 51	0 42	0 23	21 43	1 13	23 6	0 25	24 25	0 40	5 49	0 42	21 51	0 53	4 53	12 49	23 3	22 54	4 18			n.a.
W29	13 52	19 40	4 30	17 52	1 50	1 14	0 27	21 34	1 13	23 6	0 25	24 25	0 40	5 48	0 42	21 51	0 53	4 52	12 49	23 2	22 53	4 21			n.a.
T 30	13 32	15 40	4 53	17 17	1 48	1 46	0 30	21 26	1 14	23 6	0 26	24 25	0 40	5 46	0 42	21 51	0 53	4 51	12 48	23 1	22 53	4 24			n.a.
F 31	13n11	11s 5	5s 1	16n40	1n45	2s18	0s34	21n18	1n14	23s 7	0s26	24s25	0s40	5n45	0n42	21n51	0s53	4n50	12n48	22n59	22n52	4n27			n.a.

Julian Day Number = 1276395.5, Delta T = 08h12m18s
Ecliptic obliquity = 23°50'24, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'32, Lahiri = -20°46'32 Julian Calendar 1 Aug. 1219 BCE == Greg. Calendar 21 July 1219 BCE

The year -1218 astronomical counting style corresponds to year 1219 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1219 BCE
geocentric

SEPTEMBER 1219 BCE (-1218) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 54 37	26♌37'15	26♓ 0	21♌55	5♎37	2♌25	12♐39	4°R29	17♍21	12♊57	17♎31	14°R50	14♊ 2	20♈57	n.a.	S 1
S 2	21 58 33	27°36'44	8♈ 1	23°41	6°49	3° 3	12°41	4♑27	17°25	12°57	17°33	14♊39	13°59	21° 4	n.a.	S 2
M 3	22 2 30	28°36'15	19°54	25°27	8° 0	3°41	12°44	4°26	17°28	12°58	17°35	14°31	13°55	21°10	n.a.	M 3
T 4	22 6 26	29°35'48	1♉44	27°11	9°11	4°19	12°46	4°24	17°32	12°59	17°36	14°25	13°52	21°17	n.a.	T 4
W 5	22 10 23	0♍35'24	13°33	28°56	10°23	4°58	12°49	4°22	17°36	13° 0	17°38	14°22	13°49	21°24	n.a.	W 5
T 6	22 14 19	1°35'03	25°27	0♍39	11°34	5°36	12°52	4°21	17°39	13° 1	17°40	14°20	13°46	21°30	n.a.	T 6
F 7	22 18 16	2°34'44	7♊32	2°22	12°45	6°14	12°56	4°20	17°43	13° 1	17°42	14°20	13°43	21°37	n.a.	F 7
S 8	22 22 12	3°34'27	19°52	4° 4	13°56	6°53	12°59	4°18	17°47	13° 2	17°43	14°20	13°40	21°44	n.a.	S 8
S 9	22 26 9	4°34'13	2♋33	5°46	15° 7	7°31	13° 3	4°17	17°50	13° 3	17°45	14°19	13°36	21°51	n.a.	S 9
M10	22 30 6	5°34'01	15°39	7°27	16°18	8° 9	13° 7	4°16	17°54	13° 3	17°47	14°16	13°33	21°57	n.a.	M10
T 11	22 34 2	6°33'52	29°13	9° 7	17°29	8°48	13°11	4°15	17°58	13° 4	17°49	14°10	13°30	22° 4	n.a.	T 11
W12	22 37 59	7°33'45	13♌15	10°46	18°40	9°26	13°15	4°14	18° 1	13° 4	17°51	14° 2	13°27	22°11	n.a.	W12
T 13	22 41 55	8°33'40	27°42	12°25	19°51	10° 5	13°19	4°14	18° 5	13° 5	17°53	13°51	13°24	22°17	n.a.	T 13
F 14	22 45 52	9°33'37	12♍30	14° 4	21° 2	10°43	13°24	4°13	18° 9	13° 5	17°55	13°39	13°20	22°24	n.a.	F 14
S 15	22 49 48	10°33'36	27°28	15°41	22°12	11°21	13°28	4°12	18°13	13° 6	17°57	13°27	13°17	22°31	n.a.	S 15
S 16	22 53 45	11°33'37	12♎28	17°19	23°23	12° 0	13°33	4°12	18°16	13° 6	17°59	13°17	13°14	22°37	n.a.	S 16
M17	22 57 41	12°33'40	27°21	18°55	24°34	12°38	13°38	4°12	18°20	13° 6	18° 1	13°10	13°11	22°44	n.a.	M17
T 18	23 1 38	13°33'45	11♏58	20°31	25°44	13°17	13°44	4°11	18°24	13° 7	18° 3	13° 5	13° 8	22°51	n.a.	T 18
W19	23 5 35	14°33'51	26°16	22° 7	26°55	13°55	13°49	4°11	18°28	13° 7	18° 5	13° 3	13° 5	22°57	n.a.	W19
T 20	23 9 31	15°34'00	10♐14	23°42	28° 5	14°33	13°55	4°D11	18°32	13° 7	18° 7	13° 2	13° 1	23° 4	n.a.	T 20
F 21	23 13 28	16°34'10	23°51	25°16	29°15	15°12	14° 1	4°11	18°35	13° 8	18° 9	13° 2	12°58	23°11	n.a.	F 21
S 22	23 17 24	17°34'22	7♑ 9	26°50	0♏25	15°50	14° 7	4°12	18°39	13° 8	18°11	13° 1	12°55	23°18	n.a.	S 22
S 23	23 21 21	18°34'35	20°11	28°24	1°35	16°29	14°13	4°12	18°43	13° 8	18°13	12°58	12°52	23°24	n.a.	S 23
M24	23 25 17	19°34'50	3♒ 0	29°57	2°45	17° 7	14°19	4°12	18°47	13° 8	18°16	12°52	12°49	23°31	n.a.	M24
T 25	23 29 14	20°35'07	15°37	1♎29	3°55	17°45	14°25	4°13	18°51	13° 8	18°18	12°43	12°46	23°38	n.a.	T 25
W26	23 33 10	21°35'26	28° 4	3° 2	5° 5	18°24	14°32	4°13	18°54	13° 8	18°20	12°32	12°42	23°44	n.a.	W26
T 27	23 37 7	22°35'46	10♓22	4°33	6°15	19° 2	14°39	4°14	18°58	13°R 8	18°22	12°18	12°39	23°51	n.a.	T 27
F 28	23 41 3	23°36'08	22°31	6° 5	7°24	19°41	14°46	4°15	19° 2	13° 8	18°24	12° 4	12°36	23°58	n.a.	F 28
S 29	23 45 0	24°36'32	4♈33	7°35	8°34	20°19	14°53	4°16	19° 6	13° 8	18°27	11°50	12°33	24° 4	n.a.	S 29
S 30	23 48 57	25♍36'57	16♈29	9♎ 6	9♏43	20♌58	15♐ 0	4♑17	19♍ 9	13♊ 8	18♎29	11♊38	12♊30	24♈11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n51	6s 7	4s56	16n 3	1n42	2s50	0s37	21n 9	1n14	23s 7	0s26	24s25	0s40	5n43	0n42	21n52	0s53	4n49	12n48	22n58	22n52	4n30		n.a.
S 2	12 30	1 0	4 37	15 24	1 39	3 22	0 41	21 0	1 14	23 7	0 26	24 25	0 40	5 42	0 42	21 52	0 53	4 48	12 47	22 56	22 52	4 33		n.a.
M 3	12 9	4n 7	4 6	14 44	1 35	3 54	0 45	20 51	1 14	23 8	0 26	24 26	0 40	5 41	0 42	21 52	0 53	4 47	12 47	22 55	22 51	4 36		n.a.
T 4	11 48	9 4	3 25	14 4	1 31	4 26	0 48	20 42	1 14	23 8	0 26	24 26	0 40	5 39	0 42	21 52	0 53	4 46	12 46	22 55	22 51	4 39		n.a.
W 5	11 27	13 42	2 35	13 23	1 26	4 58	0 52	20 33	1 15	23 9	0 26	24 26	0 40	5 38	0 42	21 52	0 53	4 45	12 46	22 54	22 50	4 42		n.a.
T 6	11 5	17 51	1 38	12 42	1 22	5 30	0 55	20 24	1 15	23 9	0 26	24 26	0 40	5 36	0 42	21 52	0 53	4 44	12 46	22 54	22 50	4 45		n.a.
F 7	10 44	21 20	0 36	12 0	1 17	6 1	0 59	20 14	1 15	23 9	0 26	24 26	0 40	5 35	0 42	21 52	0 53	4 43	12 45	22 54	22 50	4 48		n.a.
S 8	10 22	23 56	0n29	11 17	1 12	6 33	1 3	20 4	1 15	23 10	0 26	24 26	0 40	5 33	0 42	21 52	0 53	4 41	12 45	22 54	22 49	4 51		n.a.
S 9	10 0	25 24	1 35	10 34	1 6	7 4	1 6	19 55	1 15	23 11	0 26	24 26	0 40	5 32	0 42	21 52	0 53	4 40	12 44	22 54	22 49	4 54		n.a.
M10	9 37	25 31	2 37	9 51	1 0	7 35	1 10	19 45	1 15	23 11	0 26	24 26	0 40	5 30	0 42	21 52	0 53	4 39	12 44	22 54	22 48	4 57		n.a.
T 11	9 15	24 8	3 33	9 8	0 55	8 6	1 14	19 35	1 16	23 12	0 26	24 26	0 40	5 29	0 42	21 52	0 53	4 38	12 44	22 53	22 48	5 0		n.a.
W12	8 52	21 14	4 18	8 24	0 49	8 37	1 17	19 24	1 16	23 12	0 26	24 26	0 40	5 27	0 42	21 52	0 53	4 37	12 43	22 52	22 48	5 3		n.a.
T 13	8 30	16 58	4 48	7 40	0 43	9 8	1 21	19 14	1 16	23 13	0 26	24 26	0 40	5 26	0 42	21 52	0 53	4 36	12 43	22 51	22 47	5 6		n.a.
F 14	8 7	11 35	5 0	6 56	0 36	9 38	1 24	19 4	1 16	23 13	0 26	24 26	0 40	5 24	0 42	21 52	0 53	4 35	12 43	22 49	22 47	5 9		n.a.
S 15	7 44	5 28	4 51	6 12	0 30	10 9	1 28	18 53	1 16	23 14	0 26	24 26	0 40	5 23	0 42	21 52	0 53	4 34	12 42	22 48	22 47	5 12		n.a.
S 16	7 21	0s59	4 23	5 27	0 24	10 39	1 32	18 42	1 16	23 15	0 26	24 26	0 40	5 21	0 42	21 52	0 53	4 33	12 42	22 47	22 46	5 15		n.a.
M17	6 57	7 21	3 36	4 43	0 17	11 8	1 35	18 31	1 17	23 15	0 26	24 26	0 40	5 20	0 42	21 52	0 53	4 32	12 42	22 46	22 46	5 18		n.a.
T 18	6 34	13 12	2 36	3 59	0 11	11 38	1 39	18 20	1 17	23 16	0 27	24 26	0 40	5 18	0 42	21 53	0 53	4 31	12 41	22 45	22 45	5 21		n.a.
W19	6 11	18 14	1 27	3 15	0 4	12 7	1 42	18 9	1 17	23 17	0 27	24 26	0 40	5 17	0 42	21 53	0 53	4 30	12 41	22 45	22 45	5 24		n.a.
T 20	5 47	22 7	0 15	2 30	0s 2	12 36	1 45	17 58	1 17	23 18	0 27	24 26	0 40	5 15	0 42	21 53	0 53	4 29	12 41	22 45	22 44	5 27		n.a.
F 21	5 23	24 38	0s57	1 46	0 9	13 5	1 49	17 46	1 17	23 18	0 27	24 26	0 40	5 14	0 42	21 53	0 53	4 28	12 40	22 45	22 44	5 30		n.a.
S 22	4 59	25 42	2 4	1 2	0 16	13 33	1 52	17 35	1 17	23 19	0 27	24 26	0 40	5 12	0 42	21 53	0 53	4 27	12 40	22 44	22 44	5 33		n.a.
S 23	4 35	25 18	3 3	0 18	0 22	14 2	1 56	17 23	1 17	23 20	0 27	24 26	0 40	5 11	0 42	21 53	0 53	4 26	12 40	22 44	22 43	5 37		n.a.
M24	4 12	23 33	3 51	0s25	0 29	14 29	1 59	17 12	1 18	23 21	0 27	24 26	0 40	5 9	0 42	21 53	0 53	4 25	12 40	22 43	22 43	5 40		n.a.
T 25	3 47	20 40	4 28	1 9	0 36	14 57	2 2	17 0	1 18	23 21	0 27	24 27	0 40	5 8	0 42	21 53	0 53	4 24	12 39	22 42	22 42	5 43		n.a.
W26	3 23	16 52	4 51	1 52	0 42	15 24	2 5	16 48	1 18	23 22	0 27	24 26	0 40	5 6	0 42	21 53	0 53	4 22	12 39	22 41	22 42	5 46		n.a.
T 27	2 59	12 25	5 0	2 35	0 49	15 51	2 9	16 36	1 18	23 23	0 27	24 26	0 40	5 5	0 42	21 53	0 53	4 21	12 39	22 39	22 42	5 49		n.a.
F 28	2 35	7 31	4 55	3 18	0 55	16 17	2 12	16 24	1 18	23 24	0 27	24 26	0 40	5 3	0 42	21 53	0 53	4 20	12 39	22 37	22 41	5 52		n.a.
S 29	2 11	2 23	4 37	4 0	1 2	16 43	2 15	16 11	1 18	23 25	0 27	24 26	0 40	5 2	0 42	21 52	0 53	4 19	12 38	22 35	22 41	5 55		n.a.
S 30	1n46	2n47	4s 7	4s42	1s 8	17s 8	2s18	15n59	1n18	23s26	0s27	24s26	0s40	5n 0	0n42	21n52	0s53	4n18	12n38	22n33	22n40	5n58		n.a.

Julian Day Number = 1276426.5, Delta T = 08h12m16s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'28, Lahiri = -20°46'27 Julian Calendar 1 Sept. 1219 BCE == Greg. Calendar 21 Aug. 1219 BCE

The year -1218 astronomical counting style corresponds to year 1219 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1219 BCE
geocentric

OCTOBER 1219 BCE (-1218) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 52 53	26♍37'25	28♈20	10♎36	10♏52	21♌36	15♐ 7	4♑18	19♍13	13°R 8	18♎31	11°R28	12♊26	24♈18	n.a.	M 1
T 2	23 56 50	27°37'54	10♉ 8	12° 6	12° 2	22°14	15°15	4°19	19°17	13♊ 8	18°33	11♊21	12°23	24°24	n.a.	T 2
W 3	0 0 46	28°38'26	21°56	13°35	13°11	22°53	15°23	4°21	19°21	13° 8	18°36	11°16	12°20	24°31	n.a.	W 3
T 4	0 4 43	29°38'59	3♊49	15° 4	14°19	23°31	15°30	4°22	19°24	13° 8	18°38	11°15	12°17	24°38	n.a.	T 4
F 5	0 8 39	0♎39'35	15°52	16°32	15°28	24°10	15°38	4°24	19°28	13° 7	18°40	11°D14	12°14	24°45	n.a.	F 5
S 6	0 12 36	1°40'12	28° 8	18° 0	16°37	24°48	15°47	4°25	19°32	13° 7	18°42	11°R15	12°11	24°51	n.a.	S 6
S 7	0 16 32	2°40'52	10♋44	19°27	17°45	25°27	15°55	4°27	19°36	13° 7	18°45	11°15	12° 7	24°58	n.a.	S 7
M 8	0 20 29	3°41'33	23°44	20°53	18°54	26° 5	16° 3	4°29	19°39	13° 6	18°47	11°13	12° 4	25° 5	n.a.	M 8
T 9	0 24 26	4°42'16	7♌13	22°20	20° 2	26°44	16°12	4°31	19°43	13° 6	18°49	11° 9	12° 1	25°11	n.a.	T 9
W10	0 28 22	5°43'01	21°12	23°45	21°10	27°22	16°20	4°33	19°47	13° 6	18°52	11° 2	11°58	25°18	n.a.	W10
T 11	0 32 19	6°43'48	5♍41	25°10	22°18	28° 1	16°29	4°35	19°50	13° 5	18°54	10°53	11°55	25°25	n.a.	T 11
F 12	0 36 15	7°44'36	20°34	26°33	23°26	28°39	16°38	4°37	19°54	13° 5	18°56	10°43	11°51	25°31	n.a.	F 12
S 13	0 40 12	8°45'26	5♎45	27°56	24°34	29°18	16°47	4°40	19°58	13° 4	18°59	10°33	11°48	25°38	n.a.	S 13
S 14	0 44 8	9°46'17	21° 1	29°18	25°41	29°57	16°57	4°42	20° 1	13° 4	19° 1	10°24	11°45	25°45	n.a.	S 14
M15	0 48 5	10°47'10	6♏13	0♏39	26°49	0♍35	17° 6	4°45	20° 5	13° 3	19° 3	10°18	11°42	25°51	n.a.	M15
T 16	0 52 1	11°48'04	21°10	1°58	27°56	1°14	17°15	4°47	20° 9	13° 2	19° 6	10°14	11°39	25°58	n.a.	T 16
W17	0 55 58	12°48'59	5♐46	3°16	29° 3	1°52	17°25	4°50	20°12	13° 2	19° 8	10°D12	11°36	26° 5	n.a.	W17
T 18	0 59 55	13°49'55	19°57	4°33	0♐10	2°31	17°35	4°53	20°16	13° 1	19°11	10°13	11°32	26°11	n.a.	T 18
F 19	1 3 51	14°50'53	3♑42	5°47	1°16	3° 9	17°45	4°56	20°19	13° 0	19°13	10°13	11°29	26°18	n.a.	F 19
S 20	1 7 48	15°51'51	17° 2	6°59	2°23	3°48	17°55	4°59	20°23	13° 0	19°15	10°R14	11°26	26°25	n.a.	S 20
S 21	1 11 44	16°52'50	0♒ 1	8° 8	3°29	4°26	18° 5	5° 2	20°26	12°59	19°18	10°13	11°23	26°32	n.a.	S 21
M22	1 15 41	17°53'50	12°41	9°15	4°35	5° 5	18°15	5° 5	20°30	12°58	19°20	10°10	11°20	26°38	n.a.	M22
T 23	1 19 37	18°54'51	25° 8	10°18	5°41	5°43	18°25	5° 8	20°33	12°57	19°22	10° 4	11°17	26°45	n.a.	T 23
W24	1 23 34	19°55'53	7♓22	11°18	6°46	6°22	18°36	5°12	20°37	12°56	19°25	9°57	11°13	26°52	n.a.	W24
T 25	1 27 30	20°56'55	19°28	12°13	7°51	7° 1	18°46	5°15	20°40	12°56	19°27	9°48	11°10	26°58	n.a.	T 25
F 26	1 31 27	21°57'59	1♈28	13° 3	8°56	7°39	18°57	5°19	20°44	12°55	19°30	9°38	11° 7	27° 5	n.a.	F 26
S 27	1 35 24	22°59'03	13°22	13°47	10° 1	8°18	19° 8	5°23	20°47	12°54	19°32	9°28	11° 4	27°12	n.a.	S 27
S 28	1 39 20	24° 0'09	25°14	14°25	11° 6	8°56	19°18	5°26	20°50	12°53	19°34	9°20	11° 1	27°18	n.a.	S 28
M29	1 43 17	25° 1'15	7♉ 3	14°56	12°10	9°35	19°29	5°30	20°54	12°52	19°37	9°13	10°57	27°25	n.a.	M29
T 30	1 47 13	26° 2'22	18°53	15°19	13°14	10°13	19°40	5°34	20°57	12°51	19°39	9° 9	10°54	27°32	n.a.	T 30
W31	1 51 10	27♎ 3'31	0♊45	15♏33	14♐18	10♍52	19♐52	5♑38	21♍ 0	12♊50	19♎42	9♊ 6	10♊51	27♈38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n22	7n51	3s27	5s24	1s14	17s34	2s21	15n46	1n18	23s27	0s27	24s26	0s40	4n59	0n42	21n52	0s53	4n17	12n38	22n32	22n40	6n 1			n.a.
T 2	0 57	12 37	2 37	6 5	1 20	17 58	2 24	15 34	1 18	23 27	0 27	24 26	0 40	4 57	0 42	21 52	0 53	4 16	12 38	22 31	22 40	6 4			n.a.
W 3	0 33	16 56	1 41	6 46	1 26	18 23	2 26	15 21	1 19	23 28	0 27	24 26	0 40	4 56	0 42	21 52	0 53	4 15	12 37	22 30	22 39	6 7			n.a.
T 4	0 8	20 37	0 39	7 26	1 32	18 46	2 29	15 8	1 19	23 29	0 27	24 26	0 40	4 54	0 42	21 52	0 53	4 14	12 37	22 30	22 39	6 10			n.a.
F 5	0s16	23 29	0n25	8 6	1 38	19 10	2 32	14 55	1 19	23 30	0 27	24 26	0 40	4 53	0 42	21 52	0 53	4 13	12 37	22 30	22 38	6 13			n.a.
S 6	0 41	25 18	1 29	8 46	1 43	19 33	2 34	14 42	1 19	23 31	0 27	24 26	0 40	4 51	0 42	21 52	0 53	4 12	12 37	22 30	22 38	6 16			n.a.
S 7	1 5	25 54	2 30	9 24	1 49	19 55	2 37	14 29	1 19	23 32	0 27	24 26	0 40	4 50	0 42	21 52	0 53	4 11	12 37	22 30	22 37	6 19			n.a.
M 8	1 29	25 6	3 26	10 2	1 54	20 17	2 39	14 16	1 19	23 33	0 27	24 26	0 40	4 48	0 42	21 52	0 53	4 10	12 36	22 30	22 37	6 22			n.a.
T 9	1 54	22 50	4 12	10 40	1 59	20 38	2 42	14 3	1 19	23 34	0 27	24 26	0 40	4 47	0 42	21 52	0 53	4 9	12 36	22 29	22 37	6 25			n.a.
W10	2 18	19 10	4 46	11 16	2 3	20 59	2 44	13 49	1 19	23 35	0 28	24 26	0 40	4 45	0 42	21 52	0 54	4 8	12 36	22 28	22 36	6 28			n.a.
T 11	2 43	14 15	5 2	11 52	2 8	21 20	2 46	13 36	1 19	23 36	0 28	24 26	0 40	4 44	0 42	21 52	0 54	4 7	12 36	22 27	22 36	6 31			n.a.
F 12	3 7	8 22	4 59	12 27	2 12	21 39	2 48	13 22	1 19	23 37	0 28	24 26	0 40	4 42	0 42	21 52	0 54	4 6	12 36	22 26	22 35	6 34			n.a.
S 13	3 32	1 53	4 35	13 1	2 16	21 59	2 50	13 9	1 19	23 38	0 28	24 26	0 40	4 41	0 42	21 52	0 54	4 5	12 36	22 24	22 35	6 37			n.a.
S 14	3 56	4s46	3 51	13 34	2 19	22 17	2 52	12 55	1 20	23 39	0 28	24 26	0 40	4 39	0 42	21 52	0 54	4 4	12 35	22 23	22 34	6 40			n.a.
M15	4 20	11 8	2 51	14 6	2 22	22 35	2 54	12 41	1 20	23 40	0 28	24 26	0 41	4 38	0 42	21 52	0 54	4 3	12 35	22 22	22 34	6 43			n.a.
T 16	4 44	16 45	1 40	14 37	2 25	22 53	2 56	12 27	1 20	23 41	0 28	24 26	0 41	4 37	0 42	21 51	0 54	4 2	12 35	22 21	22 34	6 46			n.a.
W17	5 9	21 14	0 24	15 6	2 27	23 10	2 57	12 13	1 20	23 42	0 28	24 26	0 41	4 35	0 42	21 51	0 54	4 1	12 35	22 21	22 33	6 49			n.a.
T 18	5 33	24 19	0s52	15 35	2 29	23 26	2 59	11 59	1 20	23 43	0 28	24 25	0 41	4 34	0 42	21 51	0 54	4 0	12 35	22 21	22 33	6 52			n.a.
F 19	5 57	25 50	2 3	16 1	2 30	23 42	3 0	11 45	1 20	23 44	0 28	24 25	0 41	4 32	0 42	21 51	0 54	3 59	12 35	22 21	22 32	6 55			n.a.
S 20	6 21	25 47	3 4	16 26	2 30	23 57	3 2	11 31	1 20	23 45	0 28	24 25	0 41	4 31	0 42	21 51	0 54	3 58	12 35	22 21	22 32	6 58			n.a.
S 21	6 44	24 18	3 55	16 49	2 30	24 11	3 3	11 17	1 20	23 46	0 28	24 25	0 41	4 30	0 42	21 51	0 54	3 57	12 35	22 21	22 31	7 1			n.a.
M22	7 8	21 38	4 32	17 10	2 30	24 25	3 4	11 3	1 20	23 47	0 28	24 25	0 41	4 28	0 42	21 51	0 54	3 56	12 35	22 21	22 31	7 4			n.a.
T 23	7 32	18 0	4 56	17 29	2 28	24 39	3 5	10 48	1 20	23 48	0 28	24 25	0 41	4 27	0 42	21 51	0 54	3 55	12 34	22 20	22 30	7 7			n.a.
W24	7 55	13 40	5 6	17 46	2 26	24 51	3 6	10 34	1 20	23 49	0 28	24 25	0 41	4 25	0 42	21 51	0 54	3 54	12 34	22 19	22 30	7 10			n.a.
T 25	8 19	8 51	5 2	18 0	2 22	25 3	3 6	10 19	1 20	23 49	0 28	24 25	0 41	4 24	0 42	21 50	0 54	3 53	12 34	22 17	22 30	7 13			n.a.
F 26	8 42	3 45	4 45	18 12	2 18	25 14	3 7	10 5	1 20	23 50	0 28	24 25	0 41	4 23	0 42	21 50	0 54	3 52	12 34	22 16	22 29	7 16			n.a.
S 27	9 5	1n27	4 15	18 20	2 12	25 25	3 7	9 50	1 20	23 51	0 28	24 24	0 41	4 21	0 42	21 50	0 54	3 51	12 34	22 15	22 29	7 19			n.a.
S 28	9 28	6 36	3 35	18 26	2 6	25 35	3 8	9 35	1 20	23 52	0 28	24 24	0 41	4 20	0 42	21 50	0 54	3 50	12 34	22 13	22 28	7 22			n.a.
M29	9 51	11 30	2 45	18 27	1 58	25 44	3 8	9 21	1 20	23 53	0 28	24 24	0 41	4 19	0 42	21 50	0 54	3 49	12 34	22 12	22 28	7 25			n.a.
T 30	10 13	16 1	1 47	18 25	1 48	25 52	3 8	9 6	1 20	23 54	0 28	24 24	0 41	4 18	0 42	21 50	0 54	3 48	12 34	22 11	22 27	7 28			n.a.
W31	10s36	19n55	0s45	18s19	1s38	26s 0	3s 8	8n51	1n20	23s55	0s29	24s24	0s41	4n16	0n42	21n50	0s54	3n47	12n34	22n11	22n27	7n31			n.a.

Julian Day Number = 1276456.5, Delta T = 08h12m14s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'24, Lahiri = -20°46'23 Julian Calendar 1 Oct. 1219 BCE == Greg. Calendar 20 Sept. 1219 BCE

The year -1218 astronomical counting style corresponds to year 1219 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1219 BCE
geocentric

NOVEMBER 1219 BCE (-1218) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 55 6	28♎ 4'40	12♊42	15°R37	15♐21	11♍31	20♐ 3	5♑42	21♍ 3	12°R49	19♎44	9°D 6	10♊48	27♈45	n.a.	T 1
F 2	1 59 3	29° 5'50	24°48	15♏30	16°24	12° 9	20°14	5°46	21° 7	12♊47	19°46	9♊ 7	10°45	27°52	n.a.	F 2
S 3	2 2 59	0♏ 7'02	7♋ 6	15°13	17°27	12°48	20°26	5°51	21°10	12°46	19°49	9° 9	10°42	27°58	n.a.	S 3
S 4	2 6 56	1° 8'14	19°40	14°44	18°29	13°26	20°37	5°55	21°13	12°45	19°51	9°10	10°38	28° 5	n.a.	S 4
M 5	2 10 53	2° 9'27	2♌36	14° 4	19°31	14° 5	20°49	5°59	21°16	12°44	19°53	9°R11	10°35	28°12	n.a.	M 5
T 6	2 14 49	3°10'42	15°56	13°12	20°33	14°44	21° 1	6° 4	21°19	12°43	19°56	9°10	10°32	28°18	n.a.	T 6
W 7	2 18 46	4°11'57	29°43	12°11	21°34	15°22	21°12	6° 8	21°22	12°42	19°58	9° 8	10°29	28°25	n.a.	W 7
T 8	2 22 42	5°13'12	13♍59	11° 0	22°35	16° 1	21°24	6°13	21°25	12°40	20° 0	9° 4	10°26	28°32	n.a.	T 8
F 9	2 26 39	6°14'29	28°41	9°43	23°35	16°39	21°36	6°18	21°28	12°39	20° 3	8°59	10°22	28°38	n.a.	F 9
S 10	2 30 35	7°15'46	13♎42	8°22	24°35	17°18	21°48	6°23	21°31	12°38	20° 5	8°54	10°19	28°45	n.a.	S 10
S 11	2 34 32	8°17'04	28°56	7° 0	25°35	17°57	22° 1	6°28	21°34	12°36	20° 7	8°50	10°16	28°52	n.a.	S 11
M12	2 38 28	9°18'22	14♏12	5°38	26°34	18°35	22°13	6°33	21°37	12°35	20°10	8°46	10°13	28°59	n.a.	M12
T 13	2 42 25	10°19'41	29°19	4°21	27°33	19°14	22°25	6°38	21°40	12°34	20°12	8°45	10°10	29° 5	n.a.	T 13
W14	2 46 22	11°21'00	14♐ 8	3°10	28°31	19°52	22°38	6°43	21°42	12°32	20°14	8°D44	10° 7	29°12	n.a.	W14
T 15	2 50 18	12°22'19	28°34	2° 7	29°29	20°31	22°50	6°48	21°45	12°31	20°16	8°45	10° 3	29°19	n.a.	T 15
F 16	2 54 15	13°23'39	12♑32	1°13	0♑26	21°10	23° 3	6°53	21°48	12°29	20°19	8°47	10° 0	29°25	n.a.	F 16
S 17	2 58 11	14°24'58	26° 3	0°30	1°23	21°48	23°15	6°59	21°51	12°28	20°21	8°48	9°57	29°32	n.a.	S 17
S 18	3 2 8	15°26'16	9♒ 8	29♎57	2°19	22°27	23°28	7° 4	21°53	12°27	20°23	8°49	9°54	29°39	n.a.	S 18
M19	3 6 4	16°27'35	21°51	29°36	3°14	23° 5	23°41	7° 9	21°56	12°25	20°25	8°R49	9°51	29°45	n.a.	M19
T 20	3 10 1	17°28'53	4♓15	29°24	4° 9	23°44	23°54	7°15	21°58	12°24	20°27	8°48	9°48	29°52	n.a.	T 20
W21	3 13 58	18°30'12	16°25	29°D22	5° 4	24°22	24° 7	7°20	22° 1	12°22	20°30	8°46	9°44	29°59	n.a.	W21
T 22	3 17 54	19°31'29	28°25	29°30	5°57	25° 1	24°19	7°26	22° 3	12°21	20°32	8°44	9°41	0♉ 5	n.a.	T 22
F 23	3 21 51	20°32'47	10♈19	29°45	6°50	25°40	24°32	7°32	22° 6	12°19	20°34	8°41	9°38	0°12	n.a.	F 23
S 24	3 25 47	21°34'04	22° 9	0♏ 9	7°42	26°18	24°46	7°38	22° 8	12°17	20°36	8°37	9°35	0°19	n.a.	S 24
S 25	3 29 44	22°35'21	3♉58	0°39	8°33	26°57	24°59	7°43	22°10	12°16	20°38	8°35	9°32	0°25	n.a.	S 25
M26	3 33 40	23°36'38	15°49	1°16	9°24	27°35	25°12	7°49	22°13	12°14	20°40	8°33	9°28	0°32	n.a.	M26
T 27	3 37 37	24°37'55	27°44	1°58	10°14	28°14	25°25	7°55	22°15	12°13	20°42	8°32	9°25	0°39	n.a.	T 27
W28	3 41 33	25°39'11	9♊45	2°45	11° 2	28°52	25°39	8° 1	22°17	12°11	20°44	8°D32	9°22	0°45	n.a.	W28
T 29	3 45 30	26°40'27	21°52	3°37	11°50	29°31	25°52	8° 7	22°19	12° 9	20°46	8°32	9°19	0°52	n.a.	T 29
F 30	3 49 27	27♏41'43	4♋ 9	4♏32	12♑38	0♎10	26♐ 5	8♑13	22♍21	12♊ 8	20♎48	8♊33	9♊16	0♉59	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s58	23n 1	0n20	18s 9	1s25	26s 7	3s 7	8n36	1n20	23s56	0s29	24s24	0s41	4n15	0n42	21n49	0s54	3n46	12n34	22n11	22n26	7n34		n.a.
F 2	11 20	25 9	1 24	17 54	1 11	26 14	3 7	8 21	1 20	23 57	0 29	24 23	0 41	4 14	0 42	21 49	0 54	3 46	12 34	22 11	22 26	7 37		n.a.
S 3	11 42	26 5	2 27	17 34	0 56	26 20	3 6	8 6	1 20	23 58	0 29	24 23	0 41	4 12	0 42	21 49	0 54	3 45	12 34	22 12	22 25	7 40		n.a.
S 4	12 4	25 43	3 23	17 9	0 39	26 25	3 6	7 51	1 20	23 59	0 29	24 23	0 41	4 11	0 42	21 49	0 54	3 44	12 34	22 12	22 25	7 43		n.a.
M 5	12 25	23 58	4 11	16 40	0 21	26 29	3 5	7 36	1 20	24 0	0 29	24 23	0 41	4 10	0 42	21 49	0 54	3 43	12 34	22 12	22 25	7 46		n.a.
T 6	12 47	20 53	4 47	16 6	0 2	26 33	3 3	7 21	1 20	24 1	0 29	24 23	0 41	4 9	0 42	21 49	0 54	3 42	12 34	22 12	22 24	7 49		n.a.
W 7	13 8	16 33	5 8	15 27	0n18	26 36	3 2	7 5	1 20	24 1	0 29	24 23	0 41	4 8	0 42	21 49	0 54	3 41	12 34	22 11	22 24	7 52		n.a.
T 8	13 29	11 10	5 11	14 46	0 39	26 38	3 1	6 50	1 20	24 2	0 29	24 22	0 41	4 6	0 42	21 48	0 54	3 40	12 34	22 11	22 23	7 55		n.a.
F 9	13 49	5 1	4 54	14 2	0 59	26 40	2 59	6 35	1 20	24 3	0 29	24 22	0 41	4 5	0 42	21 48	0 54	3 40	12 34	22 10	22 23	7 58		n.a.
S 10	14 10	1s34	4 17	13 17	1 19	26 41	2 57	6 20	1 20	24 4	0 29	24 22	0 41	4 4	0 42	21 48	0 54	3 39	12 34	22 9	22 22	8 1		n.a.
S 11	14 30	8 9	3 21	12 32	1 38	26 41	2 55	6 4	1 20	24 5	0 29	24 22	0 41	4 3	0 43	21 48	0 54	3 38	12 34	22 9	22 22	8 4		n.a.
M12	14 50	14 18	2 11	11 49	1 55	26 41	2 53	5 49	1 20	24 6	0 29	24 21	0 41	4 2	0 43	21 48	0 54	3 37	12 34	22 8	22 21	8 7		n.a.
T 13	15 10	19 30	0 52	11 8	2 11	26 40	2 51	5 33	1 20	24 6	0 29	24 21	0 41	4 1	0 43	21 47	0 54	3 36	12 34	22 8	22 21	8 10		n.a.
W14	15 29	23 22	0s30	10 31	2 24	26 38	2 48	5 18	1 20	24 7	0 29	24 21	0 41	4 0	0 43	21 47	0 54	3 36	12 34	22 8	22 20	8 13		n.a.
T 15	15 48	25 37	1 47	9 59	2 35	26 36	2 46	5 2	1 20	24 8	0 29	24 21	0 41	3 58	0 43	21 47	0 54	3 35	12 34	22 8	22 20	8 16		n.a.
F 16	16 7	26 9	2 55	9 32	2 44	26 33	2 43	4 47	1 20	24 9	0 29	24 20	0 41	3 57	0 43	21 47	0 54	3 34	12 35	22 8	22 19	8 19		n.a.
S 17	16 26	25 5	3 52	9 10	2 51	26 30	2 40	4 31	1 20	24 9	0 29	24 20	0 41	3 56	0 43	21 47	0 54	3 33	12 35	22 8	22 19	8 22		n.a.
S 18	16 44	22 40	4 34	8 55	2 56	26 26	2 36	4 16	1 20	24 10	0 29	24 20	0 41	3 55	0 43	21 46	0 54	3 33	12 35	22 8	22 18	8 25		n.a.
M19	17 2	19 12	5 1	8 44	2 58	26 21	2 33	4 0	1 20	24 11	0 30	24 20	0 41	3 54	0 43	21 46	0 54	3 32	12 35	22 8	22 18	8 28		n.a.
T 20	17 20	14 58	5 14	8 39	2 59	26 15	2 29	3 45	1 20	24 11	0 30	24 19	0 41	3 53	0 43	21 46	0 54	3 31	12 35	22 8	22 17	8 31		n.a.
W21	17 37	10 13	5 12	8 39	2 59	26 9	2 25	3 29	1 20	24 12	0 30	24 19	0 41	3 52	0 43	21 46	0 54	3 30	12 35	22 8	22 17	8 34		n.a.
T 22	17 54	5 10	4 57	8 43	2 57	26 3	2 21	3 14	1 20	24 13	0 30	24 19	0 41	3 51	0 43	21 46	0 54	3 30	12 35	22 8	22 16	8 37		n.a.
F 23	18 11	0n 3	4 29	8 52	2 54	25 56	2 16	2 58	1 19	24 13	0 30	24 19	0 41	3 50	0 43	21 45	0 54	3 29	12 35	22 7	22 16	8 40		n.a.
S 24	18 28	5 14	3 49	9 4	2 50	25 48	2 12	2 42	1 19	24 14	0 30	24 18	0 41	3 49	0 43	21 45	0 54	3 28	12 35	22 7	22 16	8 43		n.a.
S 25	18 44	10 14	3 0	9 19	2 45	25 40	2 7	2 27	1 19	24 14	0 30	24 18	0 41	3 49	0 43	21 45	0 54	3 28	12 36	22 6	22 15	8 46		n.a.
M26	18 59	14 54	2 2	9 37	2 40	25 31	2 2	2 11	1 19	24 15	0 30	24 18	0 41	3 48	0 43	21 45	0 54	3 27	12 36	22 6	22 15	8 49		n.a.
T 27	19 15	19 1	0 59	9 57	2 34	25 22	1 56	1 55	1 19	24 16	0 30	24 17	0 41	3 47	0 43	21 45	0 54	3 27	12 36	22 6	22 14	8 52		n.a.
W28	19 30	22 24	0n 7	10 20	2 27	25 13	1 51	1 40	1 19	24 16	0 30	24 17	0 41	3 46	0 43	21 44	0 54	3 26	12 36	22 6	22 14	8 55		n.a.
T 29	19 44	24 48	1 13	10 44	2 20	25 3	1 45	1 24	1 19	24 17	0 30	24 17	0 41	3 45	0 43	21 44	0 54	3 25	12 36	22 6	22 13	8 58		n.a.
F 30	19s59	26n 4	2n17	11s10	2n13	24s52	1s39	1n 8	1n19	24s17	0s30	24s16	0s41	3n44	0n43	21n44	0s54	3n25	12n36	22n 6	22n13	9n 1		n.a.

Julian Day Number = 1276487.5, Delta T = 08h12m13s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'20, Lahiri = -20°46'19 Julian Calendar 1 Nov. 1219 BCE == Greg. Calendar 21 Oct. 1219 BCE

The year -1218 astronomical counting style corresponds to year 1219 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1219 BCE
geocentric

DECEMBER 1219 BCE (-1218) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 53 23	28♏42'59	16♋38	5♏31	13♑24	0♎48	26♐19	8♑20	22♍24	12°R 6	20♎50	8♊34	9♊13	1♉ 5	n.a.	S 1
S 2	3 57 20	29°44'15	29°20	6°34	14° 9	1°27	26°32	8°26	22°26	12♊ 5	20°52	8°35	9° 9	1°12	n.a.	S 2
M 3	4 1 16	0♐45'30	12♌20	7°39	14°53	2° 5	26°46	8°32	22°28	12° 3	20°54	8°35	9° 6	1°19	n.a.	M 3
T 4	4 5 13	1°46'45	25°38	8°46	15°36	2°44	26°59	8°38	22°29	12° 1	20°56	8°36	9° 3	1°25	n.a.	T 4
W 5	4 9 9	2°48'00	9♍17	9°56	16°18	3°22	27°13	8°45	22°31	12° 0	20°58	8°R36	9° 0	1°32	n.a.	W 5
T 6	4 13 6	3°49'14	23°17	11° 8	16°58	4° 1	27°27	8°51	22°33	11°58	21° 0	8°36	8°57	1°39	n.a.	T 6
F 7	4 17 3	4°50'28	7♎39	12°22	17°38	4°39	27°41	8°58	22°35	11°56	21° 2	8°35	8°54	1°45	n.a.	F 7
S 8	4 20 59	5°51'42	22°19	13°37	18°16	5°18	27°54	9° 4	22°37	11°55	21° 4	8°35	8°50	1°52	n.a.	S 8
S 9	4 24 56	6°52'55	7♏12	14°54	18°53	5°56	28° 8	9°11	22°38	11°53	21° 6	8°35	8°47	1°59	n.a.	S 9
M10	4 28 52	7°54'08	22°11	16°13	19°28	6°35	28°22	9°17	22°40	11°51	21° 7	8°34	8°44	2° 5	n.a.	M10
T 11	4 32 49	8°55'20	7♐ 9	17°32	20° 2	7°13	28°36	9°24	22°42	11°49	21° 9	8°34	8°41	2°12	n.a.	T 11
W12	4 36 45	9°56'32	21°55	18°53	20°35	7°52	28°50	9°31	22°43	11°48	21°11	8°34	8°38	2°19	n.a.	W12
T 13	4 40 42	10°57'42	6♑25	20°15	21° 6	8°30	29° 4	9°37	22°44	11°46	21°13	8°34	8°34	2°26	n.a.	T 13
F 14	4 44 39	11°58'51	20°31	21°38	21°36	9° 9	29°18	9°44	22°46	11°44	21°14	8°34	8°31	2°32	n.a.	F 14
S 15	4 48 35	13° 0'00	4♒11	23° 2	22° 3	9°47	29°32	9°51	22°47	11°43	21°16	8°34	8°28	2°39	n.a.	S 15
S 16	4 52 32	14° 1'07	17°25	24°27	22°29	10°26	29°46	9°58	22°49	11°41	21°18	8°33	8°25	2°46	n.a.	S 16
M17	4 56 28	15° 2'12	0♓15	25°52	22°54	11° 4	0♑ 0	10° 5	22°50	11°39	21°19	8°32	8°22	2°52	n.a.	M17
T 18	5 0 25	16° 3'17	12°44	27°19	23°16	11°42	0°14	10°12	22°51	11°38	21°21	8°D32	8°19	2°59	n.a.	T 18
W19	5 4 21	17° 4'20	24°56	28°46	23°37	12°21	0°28	10°18	22°52	11°36	21°23	8°32	8°15	3° 6	n.a.	W19
T 20	5 8 18	18° 5'21	6♈55	0♐14	23°55	12°59	0°43	10°25	22°53	11°34	21°24	8°33	8°12	3°12	n.a.	T 20
F 21	5 12 14	19° 6'21	18°47	1°43	24°11	13°38	0°57	10°32	22°54	11°33	21°26	8°34	8° 9	3°19	n.a.	F 21
S 22	5 16 11	20° 7'20	0♉35	3°12	24°26	14°16	1°11	10°39	22°55	11°31	21°27	8°35	8° 6	3°26	n.a.	S 22
S 23	5 20 8	21° 8'18	12°25	4°43	24°38	14°54	1°25	10°46	22°56	11°29	21°29	8°36	8° 3	3°32	n.a.	S 23
M24	5 24 4	22° 9'14	24°19	6°14	24°47	15°33	1°39	10°53	22°57	11°27	21°30	8°37	8° 0	3°39	n.a.	M24
T 25	5 28 1	23°10'08	6♊20	7°45	24°55	16°11	1°54	11° 1	22°58	11°26	21°31	8°R38	7°56	3°46	n.a.	T 25
W26	5 31 57	24°11'02	18°32	9°18	25° 0	16°49	2° 8	11° 8	22°59	11°24	21°33	8°37	7°53	3°52	n.a.	W26
T 27	5 35 54	25°11'53	0♋54	10°51	25° 2	17°27	2°22	11°15	22°59	11°23	21°34	8°36	7°50	3°59	n.a.	T 27
F 28	5 39 50	26°12'44	13°29	12°25	25°R 3	18° 6	2°37	11°22	23° 0	11°21	21°35	8°34	7°47	4° 6	n.a.	F 28
S 29	5 43 47	27°13'33	26°18	14° 0	25° 0	18°44	2°51	11°29	23° 1	11°19	21°37	8°32	7°44	4°12	n.a.	S 29
S 30	5 47 44	28°14'21	9♌19	15°35	24°55	19°22	3° 5	11°36	23° 1	11°18	21°38	8°29	7°40	4°19	n.a.	S 30
M31	5 51 40	29♐15'08	22♌34	17♐11	24♑48	20♎ 0	3♑19	11♑44	23♍ 2	11♊16	21♎39	8♊26	7♊37	4♉26	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s12	26n 2	3n16	11s37	2n 5	24s41	1s32	0n52	1n19	24s18	0s30	24s16	0s42	3n43	0n43	21n44	0s54	3n24	12n37	22n 6	22n12	9n 4		n.a.
S 2	20 26	24 38	4 6	12 5	1 57	24 30	1 26	0 37	1 18	24 18	0 30	24 15	0 42	3 43	0 43	21 44	0 54	3 24	12 37	22 6	22 12	9 7		n.a.
M 3	20 39	21 56	4 45	12 34	1 49	24 18	1 19	0 21	1 18	24 18	0 30	24 15	0 42	3 42	0 43	21 43	0 54	3 23	12 37	22 6	22 11	9 10		n.a.
T 4	20 52	18 2	5 10	13 4	1 41	24 6	1 11	0 5	1 18	24 19	0 31	24 15	0 42	3 41	0 43	21 43	0 54	3 23	12 37	22 6	22 11	9 13		n.a.
W 5	21 4	13 7	5 18	13 34	1 33	23 53	1 4	0s10	1 18	24 19	0 31	24 14	0 42	3 40	0 43	21 43	0 54	3 22	12 37	22 6	22 10	9 16		n.a.
T 6	21 16	7 24	5 7	14 5	1 25	23 40	0 56	0 26	1 18	24 20	0 31	24 14	0 42	3 40	0 43	21 43	0 54	3 21	12 38	22 6	22 10	9 19		n.a.
F 7	21 28	1 9	4 38	14 35	1 17	23 27	0 48	0 42	1 18	24 20	0 31	24 14	0 42	3 39	0 43	21 43	0 54	3 21	12 38	22 6	22 9	9 22		n.a.
S 8	21 39	5s17	3 50	15 6	1 8	23 14	0 40	0 57	1 17	24 20	0 31	24 13	0 42	3 38	0 43	21 42	0 54	3 21	12 38	22 6	22 9	9 25		n.a.
S 9	21 49	11 32	2 46	15 37	1 0	23 0	0 31	1 13	1 17	24 21	0 31	24 13	0 42	3 38	0 43	21 42	0 54	3 20	12 38	22 6	22 8	9 28		n.a.
M10	22 0	17 11	1 30	16 8	0 52	22 46	0 22	1 29	1 17	24 21	0 31	24 12	0 42	3 37	0 43	21 42	0 54	3 20	12 38	22 6	22 8	9 31		n.a.
T 11	22 9	21 44	0 8	16 39	0 44	22 32	0 13	1 44	1 17	24 21	0 31	24 12	0 42	3 37	0 43	21 42	0 54	3 19	12 39	22 6	22 7	9 34		n.a.
W12	22 19	24 49	1s14	17 9	0 36	22 17	0 3	2 0	1 17	24 21	0 31	24 11	0 42	3 36	0 43	21 41	0 54	3 19	12 39	22 6	22 7	9 37		n.a.
T 13	22 28	26 9	2 29	17 40	0 28	22 3	0n 6	2 16	1 17	24 21	0 31	24 11	0 42	3 35	0 43	21 41	0 54	3 18	12 39	22 6	22 6	9 40		n.a.
F 14	22 36	25 45	3 33	18 9	0 20	21 48	0 17	2 31	1 16	24 22	0 31	24 10	0 42	3 35	0 44	21 41	0 54	3 18	12 39	22 6	22 6	9 43		n.a.
S 15	22 44	23 46	4 22	18 39	0 12	21 33	0 27	2 47	1 16	24 22	0 31	24 10	0 42	3 34	0 44	21 41	0 54	3 18	12 40	22 6	22 5	9 46		n.a.
S 16	22 52	20 34	4 56	19 7	0 4	21 18	0 38	3 2	1 16	24 22	0 31	24 10	0 42	3 34	0 44	21 41	0 54	3 17	12 40	22 6	22 5	9 49		n.a.
M17	22 59	16 27	5 14	19 36	0s 3	21 3	0 49	3 18	1 16	24 22	0 32	24 9	0 42	3 33	0 44	21 40	0 54	3 17	12 40	22 6	22 4	9 52		n.a.
T 18	23 6	11 45	5 17	20 3	0 10	20 48	1 0	3 33	1 15	24 22	0 32	24 9	0 42	3 33	0 44	21 40	0 54	3 16	12 40	22 6	22 4	9 55		n.a.
W19	23 12	6 42	5 5	20 30	0 18	20 33	1 12	3 49	1 15	24 22	0 32	24 8	0 42	3 33	0 44	21 40	0 54	3 16	12 41	22 6	22 3	9 58		n.a.
T 20	23 18	1 29	4 40	20 56	0 25	20 18	1 24	4 4	1 15	24 22	0 32	24 8	0 42	3 32	0 44	21 40	0 54	3 16	12 41	22 6	22 3	10 1		n.a.
F 21	23 23	3n45	4 3	21 22	0 32	20 3	1 37	4 19	1 15	24 22	0 32	24 7	0 42	3 32	0 44	21 39	0 54	3 16	12 41	22 6	22 2	10 4		n.a.
S 22	23 28	8 49	3 16	21 46	0 38	19 48	1 49	4 35	1 14	24 22	0 32	24 7	0 42	3 31	0 44	21 39	0 54	3 15	12 42	22 6	22 2	10 7		n.a.
S 23	23 32	13 36	2 20	22 10	0 45	19 33	2 2	4 50	1 14	24 22	0 32	24 6	0 42	3 31	0 44	21 39	0 54	3 15	12 42	22 6	22 1	10 10		n.a.
M24	23 36	17 54	1 18	22 33	0 51	19 19	2 15	5 5	1 14	24 22	0 32	24 5	0 43	3 31	0 44	21 39	0 54	3 15	12 42	22 7	22 0	10 13		n.a.
T 25	23 40	21 31	0 13	22 55	0 57	19 4	2 29	5 20	1 13	24 22	0 32	24 5	0 43	3 30	0 44	21 39	0 54	3 14	12 42	22 7	22 0	10 16		n.a.
W26	23 43	24 14	0n55	23 15	1 3	18 50	2 42	5 36	1 13	24 22	0 32	24 4	0 43	3 30	0 44	21 38	0 54	3 14	12 43	22 7	21 59	10 19		n.a.
T 27	23 45	25 50	2 0	23 35	1 9	18 36	2 56	5 51	1 13	24 21	0 32	24 4	0 43	3 30	0 44	21 38	0 54	3 14	12 43	22 6	21 59	10 22		n.a.
F 28	23 47	26 9	3 1	23 53	1 14	18 22	3 10	6 6	1 12	24 21	0 32	24 3	0 43	3 30	0 44	21 38	0 54	3 14	12 43	22 6	21 58	10 24		n.a.
S 29	23 49	25 4	3 54	24 11	1 20	18 8	3 24	6 21	1 12	24 21	0 33	24 3	0 43	3 30	0 44	21 38	0 54	3 14	12 44	22 6	21 58	10 27		n.a.
S 30	23 50	22 38	4 35	24 27	1 24	17 55	3 39	6 36	1 12	24 21	0 33	24 2	0 43	3 29	0 44	21 38	0 54	3 14	12 44	22 5	21 57	10 30		n.a.
M31	23s50	18n59	5n 3	24s41	1s29	17s42	3n53	6s51	1n11	24s21	0s33	24s 2	0s43	3n29	0n44	21n37	0s54	3n13	12n44	22n 5	21n57	10n33		n.a.

Julian Day Number = 1276517.5, Delta T = 08h12m11s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'16, Lahiri = -20°46'15 Julian Calendar 1 Dec. 1219 BCE == Greg. Calendar 20 Nov. 1219 BCE

The year -1218 astronomical counting style corresponds to year 1219 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1218 BCE
geocentric

JANUARY 1218 BCE (-1217) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 55 37	0♉15'53	6♍ 3	18♐48	24°R38	20♎39	3♉34	11♉51	23♍ 2	11°R14	21♎40	8°R23	7♊34	4♉32	n.a.	T 1
W 2	5 59 33	1°16'37	19°45	20°26	24♉26	21°17	3°48	11°58	23° 2	11♊13	21°41	8♊22	7°31	4°39	n.a.	W 2
T 3	6 3 30	2°17'20	3♎40	22° 5	24°11	21°55	4° 2	12° 5	23° 3	11°11	21°43	8°D21	7°28	4°46	n.a.	T 3
F 4	6 7 26	3°18'01	17°47	23°44	23°53	22°33	4°17	12°13	23° 3	11°10	21°44	8°22	7°25	4°52	n.a.	F 4
S 5	6 11 23	4°18'41	2♏ 5	25°24	23°33	23°11	4°31	12°20	23° 3	11° 8	21°45	8°23	7°21	4°59	n.a.	S 5
S 6	6 15 19	5°19'20	16°32	27° 5	23°11	23°50	4°46	12°27	23° 3	11° 7	21°46	8°25	7°18	5° 6	n.a.	S 6
M 7	6 19 16	6°19'58	1♐ 4	28°47	22°47	24°28	5° 0	12°34	23° 3	11° 5	21°47	8°R26	7°15	5°12	n.a.	M 7
T 8	6 23 13	7°20'34	15°36	0♉30	22°20	25° 6	5°14	12°42	23°R 3	11° 4	21°48	8°26	7°12	5°19	n.a.	T 8
W 9	6 27 9	8°21'08	0♉ 3	2°14	21°52	25°44	5°29	12°49	23° 3	11° 2	21°49	8°24	7° 9	5°26	n.a.	W 9
T 10	6 31 6	9°21'41	14°19	3°59	21°21	26°22	5°43	12°56	23° 3	11° 1	21°50	8°21	7° 6	5°32	n.a.	T 10
F 11	6 35 2	10°22'12	28°18	5°44	20°49	27° 0	5°57	13° 4	23° 3	10°59	21°50	8°16	7° 2	5°39	n.a.	F 11
S 12	6 38 59	11°22'41	11♒57	7°31	20°16	27°38	6°12	13°11	23° 3	10°58	21°51	8°11	6°59	5°46	n.a.	S 12
S 13	6 42 55	12°23'08	25°14	9°18	19°41	28°16	6°26	13°18	23° 3	10°56	21°52	8° 5	6°56	5°52	n.a.	S 13
M14	6 46 52	13°23'33	8♓ 8	11° 6	19° 5	28°54	6°40	13°26	23° 2	10°55	21°53	8° 0	6°53	5°59	n.a.	M14
T 15	6 50 48	14°23'56	20°40	12°55	18°28	29°31	6°55	13°33	23° 2	10°54	21°53	7°56	6°50	6° 6	n.a.	T 15
W16	6 54 45	15°24'16	2♈55	14°46	17°51	0♏ 9	7° 9	13°40	23° 2	10°52	21°54	7°53	6°46	6°12	n.a.	W16
T 17	6 58 42	16°24'35	14°56	16°37	17°13	0°47	7°23	13°48	23° 1	10°51	21°55	7°D52	6°43	6°19	n.a.	T 17
F 18	7 2 38	17°24'51	26°49	18°28	16°35	1°25	7°37	13°55	23° 1	10°50	21°55	7°53	6°40	6°26	n.a.	F 18
S 19	7 6 35	18°25'05	8♉37	20°21	15°57	2° 3	7°52	14° 2	23° 0	10°48	21°56	7°54	6°37	6°32	n.a.	S 19
S 20	7 10 31	19°25'17	20°27	22°14	15°20	2°40	8° 6	14°10	23° 0	10°47	21°57	7°56	6°34	6°39	n.a.	S 20
M21	7 14 28	20°25'27	2♊24	24° 9	14°44	3°18	8°20	14°17	22°59	10°46	21°57	7°R57	6°31	6°46	n.a.	M21
T 22	7 18 24	21°25'34	14°31	26° 3	14° 8	3°56	8°34	14°24	22°58	10°45	21°58	7°57	6°27	6°52	n.a.	T 22
W23	7 22 21	22°25'40	26°52	27°58	13°34	4°33	8°48	14°32	22°57	10°44	21°58	7°55	6°24	6°59	n.a.	W23
T 24	7 26 17	23°25'43	9♋29	29°54	13° 1	5°11	9° 3	14°39	22°57	10°42	21°58	7°51	6°21	7° 6	n.a.	T 24
F 25	7 30 14	24°25'44	22°24	1♒50	12°29	5°49	9°17	14°46	22°56	10°41	21°59	7°45	6°18	7°12	n.a.	F 25
S 26	7 34 11	25°25'44	5♌35	3°45	12° 0	6°26	9°31	14°53	22°55	10°40	21°59	7°37	6°15	7°19	n.a.	S 26
S 27	7 38 7	26°25'41	19° 3	5°41	11°32	7° 4	9°45	15° 1	22°54	10°39	21°59	7°29	6°12	7°26	n.a.	S 27
M28	7 42 4	27°25'36	2♍43	7°36	11° 6	7°41	9°59	15° 8	22°53	10°38	22° 0	7°20	6° 8	7°32	n.a.	M28
T 29	7 46 0	28°25'29	16°33	9°30	10°43	8°19	10°13	15°15	22°52	10°37	22° 0	7°13	6° 5	7°39	n.a.	T 29
W30	7 49 57	29°25'20	0♎32	11°23	10°21	8°56	10°27	15°22	22°51	10°36	22° 0	7° 8	6° 2	7°46	n.a.	W30
T 31	7 53 53	0♒25'09	14♎35	13♒14	10♉ 3	9♏33	10♉41	15♉30	22♍49	10♊35	22♎ 0	7♊ 4	5♊59	7♉52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s50	14n18	5n15	24s55	1s34	17s29	4n 8	7s 6	1n11	24s20	0s33	24s 1	0s43	3n29	0n44	21n37	0s54	3n13	12n45	22n 4	21n56	10n36		n.a.
W 2	23 50	8 51	5 9	25 7	1 38	17 17	4 22	7 21	1 11	24 20	0 33	24 0	0 43	3 29	0 44	21 37	0 53	3 13	12 45	22 4	21 56	10 39		n.a.
T 3	23 49	2 52	4 45	25 17	1 41	17 6	4 37	7 36	1 10	24 20	0 33	24 0	0 43	3 29	0 44	21 37	0 53	3 13	12 45	22 4	21 55	10 42		n.a.
F 4	23 48	3s21	4 4	25 26	1 45	16 54	4 51	7 50	1 10	24 19	0 33	23 59	0 43	3 29	0 44	21 37	0 53	3 13	12 46	22 4	21 55	10 45		n.a.
S 5	23 46	9 29	3 7	25 34	1 48	16 44	5 6	8 5	1 10	24 19	0 33	23 58	0 43	3 29	0 44	21 36	0 53	3 13	12 46	22 4	21 54	10 48		n.a.
S 6	23 44	15 11	1 57	25 39	1 51	16 33	5 20	8 20	1 9	24 19	0 33	23 58	0 43	3 29	0 44	21 36	0 53	3 13	12 46	22 5	21 54	10 51		n.a.
M 7	23 41	20 4	0 40	25 44	1 53	16 24	5 34	8 34	1 9	24 18	0 33	23 57	0 43	3 29	0 44	21 36	0 53	3 13	12 47	22 5	21 53	10 54		n.a.
T 8	23 38	23 42	0s39	25 46	1 56	16 14	5 47	8 49	1 8	24 18	0 34	23 57	0 43	3 29	0 44	21 36	0 53	3 13	12 47	22 5	21 53	10 57		n.a.
W 9	23 34	25 46	1 56	25 47	1 57	16 6	6 1	9 3	1 8	24 17	0 34	23 56	0 44	3 29	0 44	21 36	0 53	3 13	12 47	22 4	21 52	11 0		n.a.
T 10	23 30	26 6	3 4	25 45	1 59	15 58	6 13	9 18	1 7	24 17	0 34	23 55	0 44	3 29	0 45	21 35	0 53	3 13	12 48	22 4	21 51	11 3		n.a.
F 11	23 26	24 45	4 0	25 42	2 0	15 51	6 26	9 32	1 7	24 16	0 34	23 55	0 44	3 29	0 45	21 35	0 53	3 13	12 48	22 3	21 51	11 6		n.a.
S 12	23 21	21 58	4 40	25 37	2 0	15 44	6 38	9 46	1 6	24 16	0 34	23 54	0 44	3 29	0 45	21 35	0 53	3 13	12 48	22 2	21 50	11 9		n.a.
S 13	23 15	18 5	5 4	25 30	2 0	15 38	6 49	10 1	1 6	24 15	0 34	23 53	0 44	3 29	0 45	21 35	0 53	3 13	12 49	22 1	21 50	11 12		n.a.
M14	23 9	13 28	5 12	25 21	2 0	15 32	6 59	10 15	1 5	24 14	0 34	23 53	0 44	3 29	0 45	21 35	0 53	3 13	12 49	22 1	21 49	11 15		n.a.
T 15	23 3	8 24	5 4	25 10	1 59	15 28	7 9	10 29	1 5	24 14	0 34	23 52	0 44	3 29	0 45	21 35	0 53	3 13	12 49	22 0	21 49	11 18		n.a.
W16	22 56	3 8	4 43	24 57	1 57	15 24	7 18	10 43	1 4	24 13	0 34	23 51	0 44	3 30	0 45	21 34	0 53	3 13	12 50	21 59	21 48	11 20		n.a.
T 17	22 49	2n10	4 9	24 42	1 55	15 20	7 26	10 57	1 4	24 12	0 35	23 51	0 44	3 30	0 45	21 34	0 53	3 13	12 50	21 59	21 48	11 23		n.a.
F 18	22 41	7 19	3 25	24 24	1 53	15 18	7 33	11 11	1 3	24 12	0 35	23 50	0 44	3 30	0 45	21 34	0 53	3 13	12 50	21 59	21 47	11 26		n.a.
S 19	22 33	12 12	2 33	24 5	1 50	15 16	7 40	11 24	1 3	24 11	0 35	23 49	0 44	3 30	0 45	21 34	0 53	3 13	12 51	22 0	21 47	11 29		n.a.
S 20	22 24	16 39	1 34	23 43	1 46	15 14	7 45	11 38	1 2	24 10	0 35	23 48	0 44	3 31	0 45	21 34	0 53	3 13	12 51	22 0	21 46	11 32		n.a.
M21	22 15	20 30	0 30	23 19	1 42	15 14	7 50	11 52	1 2	24 9	0 35	23 48	0 44	3 31	0 45	21 34	0 53	3 13	12 51	22 0	21 45	11 35		n.a.
T 22	22 6	23 31	0n36	22 53	1 37	15 14	7 54	12 5	1 1	24 9	0 35	23 47	0 44	3 31	0 45	21 34	0 53	3 14	12 52	22 0	21 45	11 38		n.a.
W23	21 56	25 29	1 41	22 25	1 32	15 14	7 56	12 19	1 0	24 8	0 35	23 46	0 45	3 32	0 45	21 33	0 53	3 14	12 52	22 0	21 44	11 41		n.a.
T 24	21 46	26 11	2 42	21 54	1 26	15 15	7 58	12 32	1 0	24 7	0 35	23 46	0 45	3 32	0 45	21 33	0 53	3 14	12 53	21 59	21 44	11 44		n.a.
F 25	21 36	25 30	3 37	21 22	1 19	15 17	7 59	12 45	0 59	24 6	0 35	23 45	0 45	3 32	0 45	21 33	0 53	3 14	12 53	21 58	21 43	11 47		n.a.
S 26	21 25	23 24	4 21	20 47	1 11	15 20	7 59	12 58	0 58	24 5	0 36	23 44	0 45	3 33	0 45	21 33	0 53	3 14	12 53	21 57	21 43	11 50		n.a.
S 27	21 13	19 58	4 51	20 11	1 3	15 23	7 59	13 11	0 58	24 4	0 36	23 43	0 45	3 33	0 45	21 33	0 53	3 15	12 54	21 55	21 42	11 53		n.a.
M28	21 1	15 25	5 6	19 33	0 54	15 26	7 57	13 24	0 57	24 3	0 36	23 43	0 45	3 34	0 45	21 33	0 53	3 15	12 54	21 54	21 42	11 56		n.a.
T 29	20 49	10 1	5 3	18 54	0 45	15 30	7 55	13 37	0 56	24 2	0 36	23 42	0 45	3 34	0 45	21 33	0 53	3 15	12 54	21 53	21 41	11 58		n.a.
W30	20 37	4 5	4 42	18 13	0 35	15 35	7 52	13 50	0 56	24 1	0 36	23 41	0 45	3 35	0 45	21 33	0 53	3 15	12 55	21 52	21 40	12 1		n.a.
T 31	20s24	2s 6	4n 4	17s30	0s24	15s40	7n49	14s 3	0n55	24s 0	0s36	23s40	0s45	3n35	0n45	21n32	0s53	3n16	12n55	21n51	21n40	12n 4		n.a.

Julian Day Number = 1276548.5, Delta T = 08h12m09s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'11, Lahiri = -20°46'11 Julian Calendar 1 Jan. 1218 BCE == Greg. Calendar 21 Dec. 1219 BCE

The year -1217 astronomical counting style corresponds to year 1218 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1218 BCE
geocentric

FEBRUARY 1218 BCE (-1217) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 57 50	1♒24'57	28♎41	15♒ 4	9°R46	10♏11	10♑55	15♑37	22°R48	10°R34	22♎ 0	7°D 3	5♊56	7♉59	n.a.	F 1
S 2	8 1 46	2°24'43	12♏48	16°51	9♑32	10°48	11° 9	15°44	22♍47	10♊33	22° 1	7♊ 3	5°52	8° 6	n.a.	S 2
S 3	8 5 43	3°24'27	26°56	18°35	9°21	11°25	11°22	15°51	22°46	10°32	22° 1	7° 4	5°49	8°12	n.a.	S 3
M 4	8 9 39	4°24'09	11♐ 4	20°16	9°12	12° 2	11°36	15°58	22°44	10°31	22°R 1	7°R 4	5°46	8°19	n.a.	M 4
T 5	8 13 36	5°23'49	25° 8	21°54	9° 5	12°39	11°50	16° 5	22°43	10°31	22° 1	7° 3	5°43	8°26	n.a.	T 5
W 6	8 17 33	6°23'28	9♑ 8	23°26	9° 1	13°17	12° 4	16°12	22°41	10°30	22° 1	6°59	5°40	8°32	n.a.	W 6
T 7	8 21 29	7°23'04	22°59	24°54	9°D 0	13°54	12°17	16°19	22°40	10°29	22° 1	6°53	5°37	8°39	n.a.	T 7
F 8	8 25 26	8°22'39	6♒39	26°17	9° 0	14°31	12°31	16°26	22°38	10°28	22° 0	6°44	5°33	8°46	n.a.	F 8
S 9	8 29 22	9°22'11	20° 3	27°34	9° 4	15° 8	12°45	16°33	22°37	10°27	22° 0	6°33	5°30	8°52	n.a.	S 9
S 10	8 33 19	10°21'40	3♓10	28°45	9° 9	15°44	12°58	16°40	22°35	10°27	22° 0	6°22	5°27	8°59	n.a.	S 10
M11	8 37 15	11°21'08	15°59	29°50	9°17	16°21	13°12	16°47	22°33	10°26	22° 0	6°11	5°24	9° 6	n.a.	M11
T 12	8 41 12	12°20'33	28°30	0♓47	9°27	16°58	13°25	16°54	22°32	10°25	22° 0	6° 1	5°21	9°12	n.a.	T 12
W13	8 45 8	13°19'55	10♈44	1°38	9°39	17°35	13°39	17° 1	22°30	10°25	21°59	5°54	5°18	9°19	n.a.	W13
T 14	8 49 5	14°19'15	22°45	2°21	9°53	18°11	13°52	17° 8	22°28	10°24	21°59	5°50	5°14	9°26	n.a.	T 14
F 15	8 53 2	15°18'33	4♉38	2°57	10° 9	18°48	14° 5	17°14	22°26	10°24	21°59	5°47	5°11	9°32	n.a.	F 15
S 16	8 56 58	16°17'48	16°26	3°25	10°27	19°24	14°19	17°21	22°25	10°23	21°58	5°D47	5° 8	9°39	n.a.	S 16
S 17	9 0 55	17°17'01	28°17	3°45	10°47	20° 1	14°32	17°28	22°23	10°23	21°58	5°47	5° 5	9°46	n.a.	S 17
M18	9 4 51	18°16'12	10♊14	3°58	11° 9	20°37	14°45	17°35	22°21	10°22	21°57	5°R47	5° 2	9°52	n.a.	M18
T 19	9 8 48	19°15'20	22°23	4°R 3	11°33	21°13	14°58	17°41	22°19	10°22	21°57	5°46	4°58	9°59	n.a.	T 19
W20	9 12 44	20°14'26	4♋50	4° 1	11°58	21°50	15°11	17°48	22°17	10°22	21°56	5°42	4°55	10° 6	n.a.	W20
T 21	9 16 41	21°13'29	17°37	3°52	12°25	22°26	15°24	17°54	22°15	10°21	21°56	5°37	4°52	10°12	n.a.	T 21
F 22	9 20 37	22°12'30	0♌46	3°36	12°53	23° 2	15°37	18° 1	22°13	10°21	21°55	5°28	4°49	10°19	n.a.	F 22
S 23	9 24 34	23°11'29	14°17	3°13	13°24	23°38	15°50	18° 7	22°11	10°21	21°55	5°17	4°46	10°25	n.a.	S 23
S 24	9 28 30	24°10'25	28° 8	2°45	13°55	24°14	16° 3	18°14	22° 8	10°20	21°54	5° 6	4°43	10°32	n.a.	S 24
M25	9 32 27	25° 9'19	12♍15	2°12	14°28	24°50	16°15	18°20	22° 6	10°20	21°53	4°54	4°39	10°39	n.a.	M25
T 26	9 36 24	26° 8'11	26°33	1°34	15° 2	25°26	16°28	18°27	22° 4	10°20	21°53	4°43	4°36	10°45	n.a.	T 26
W27	9 40 20	27° 7'01	10♎56	0°53	15°38	26° 1	16°41	18°33	22° 2	10°20	21°52	4°35	4°33	10°52	n.a.	W27
T 28	9 44 17	28♒ 5'49	25♎19	0♓ 9	16♑15	26♏37	16♑53	18♑39	22♍ 0	10♊20	21♎51	4♊29	4♊30	10♉59	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s11	8s13	3n11	16s47	0s13	15s45	7n44	14s16	0n54	23s59	0s36	23s40	0s45	3n36	0n45	21n32	0s53	3n16	12n55	21n51	21n39	12n 7		n.a.
S 2	19 57	13 56	2 6	16 4	0 1	15 51	7 40	14 28	0 53	23 58	0 37	23 39	0 45	3 36	0 45	21 32	0 53	3 16	12 56	21 51	21 39	12 10		n.a.
S 3	19 43	18 55	0 54	15 19	0n12	15 57	7 34	14 41	0 53	23 57	0 37	23 38	0 46	3 37	0 45	21 32	0 53	3 16	12 56	21 51	21 38	12 13		n.a.
M 4	19 29	22 50	0s21	14 35	0 24	16 3	7 29	14 53	0 52	23 56	0 37	23 37	0 46	3 37	0 45	21 32	0 52	3 17	12 57	21 51	21 38	12 16		n.a.
T 5	19 14	25 20	1 35	13 51	0 38	16 10	7 22	15 5	0 51	23 55	0 37	23 37	0 46	3 38	0 45	21 32	0 52	3 17	12 57	21 51	21 37	12 19		n.a.
W 6	18 59	26 13	2 43	13 8	0 51	16 17	7 16	15 17	0 50	23 54	0 37	23 36	0 46	3 38	0 45	21 32	0 52	3 17	12 57	21 50	21 37	12 22		n.a.
T 7	18 44	25 27	3 40	12 25	1 5	16 24	7 9	15 29	0 49	23 53	0 37	23 35	0 46	3 39	0 45	21 32	0 52	3 18	12 58	21 49	21 36	12 25		n.a.
F 8	18 28	23 10	4 23	11 44	1 19	16 31	7 2	15 41	0 49	23 52	0 37	23 34	0 46	3 40	0 45	21 32	0 52	3 18	12 58	21 48	21 35	12 28		n.a.
S 9	18 12	19 38	4 51	11 4	1 32	16 38	6 54	15 53	0 48	23 50	0 38	23 33	0 46	3 40	0 45	21 32	0 52	3 19	12 58	21 46	21 35	12 30		n.a.
S 10	17 56	15 12	5 3	10 27	1 46	16 46	6 46	16 5	0 47	23 49	0 38	23 33	0 46	3 41	0 46	21 32	0 52	3 19	12 59	21 44	21 34	12 33		n.a.
M11	17 40	10 11	4 59	9 52	1 59	16 53	6 38	16 16	0 46	23 48	0 38	23 32	0 46	3 42	0 46	21 32	0 52	3 19	12 59	21 42	21 34	12 36		n.a.
T 12	17 23	4 53	4 41	9 19	2 13	17 1	6 30	16 28	0 45	23 47	0 38	23 31	0 46	3 42	0 46	21 31	0 52	3 20	12 59	21 40	21 33	12 39		n.a.
W13	17 6	0n30	4 10	8 49	2 25	17 8	6 22	16 39	0 44	23 46	0 38	23 30	0 47	3 43	0 46	21 31	0 52	3 20	13 0	21 39	21 33	12 42		n.a.
T 14	16 49	5 47	3 28	8 22	2 37	17 16	6 13	16 51	0 43	23 44	0 38	23 30	0 47	3 44	0 46	21 31	0 52	3 21	13 0	21 38	21 32	12 45		n.a.
F 15	16 31	10 48	2 38	7 59	2 49	17 23	6 4	17 2	0 42	23 43	0 38	23 29	0 47	3 45	0 46	21 31	0 52	3 21	13 0	21 38	21 31	12 48		n.a.
S 16	16 13	15 25	1 41	7 38	2 59	17 31	5 56	17 13	0 41	23 42	0 39	23 28	0 47	3 45	0 46	21 31	0 52	3 22	13 1	21 38	21 31	12 51		n.a.
S 17	15 55	19 28	0 40	7 22	3 9	17 38	5 47	17 24	0 40	23 40	0 39	23 27	0 47	3 46	0 46	21 31	0 52	3 22	13 1	21 38	21 30	12 54		n.a.
M18	15 36	22 45	0n24	7 9	3 17	17 45	5 38	17 35	0 39	23 39	0 39	23 27	0 47	3 47	0 46	21 31	0 52	3 22	13 1	21 38	21 30	12 56		n.a.
T 19	15 18	25 4	1 27	7 1	3 25	17 52	5 29	17 45	0 38	23 38	0 39	23 26	0 47	3 48	0 46	21 31	0 52	3 23	13 2	21 38	21 29	12 59		n.a.
W20	14 59	26 13	2 28	6 56	3 31	17 59	5 20	17 56	0 37	23 37	0 39	23 25	0 47	3 49	0 46	21 31	0 52	3 23	13 2	21 37	21 28	13 2		n.a.
T 21	14 40	26 0	3 22	6 55	3 35	18 5	5 11	18 6	0 36	23 35	0 39	23 24	0 47	3 49	0 46	21 31	0 52	3 24	13 2	21 36	21 28	13 5		n.a.
F 22	14 20	24 21	4 8	6 58	3 39	18 12	5 2	18 17	0 35	23 34	0 40	23 23	0 48	3 50	0 46	21 31	0 52	3 24	13 3	21 34	21 27	13 8		n.a.
S 23	14 1	21 18	4 41	7 5	3 40	18 18	4 53	18 27	0 34	23 32	0 40	23 23	0 48	3 51	0 46	21 31	0 52	3 25	13 3	21 33	21 27	13 11		n.a.
S 24	13 41	16 58	4 59	7 15	3 40	18 24	4 44	18 37	0 32	23 31	0 40	23 22	0 48	3 52	0 46	21 31	0 52	3 25	13 3	21 30	21 26	13 14		n.a.
M25	13 21	11 39	4 58	7 29	3 38	18 29	4 35	18 47	0 31	23 30	0 40	23 21	0 48	3 53	0 46	21 31	0 52	3 26	13 3	21 28	21 26	13 16		n.a.
T 26	13 1	5 39	4 39	7 45	3 35	18 34	4 26	18 57	0 30	23 28	0 40	23 20	0 48	3 54	0 46	21 31	0 52	3 26	13 4	21 26	21 25	13 19		n.a.
W27	12 41	0s41	4 3	8 5	3 29	18 39	4 17	19 7	0 29	23 27	0 40	23 20	0 48	3 55	0 46	21 31	0 52	3 27	13 4	21 25	21 24	13 22		n.a.
T 28	12s20	7s 0	3n11	8s27	3n23	18s44	4n 8	19s17	0n28	23s25	0s41	23s19	0s48	3n56	0n46	21n31	0s52	3n28	13n 4	21n24	21n24	13n25		n.a.

Julian Day Number = 1276579.5, Delta T = 08h12m08s
Ecliptic obliquity = 23°50'25, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'07, Lahiri = -20°46'07 Julian Calendar 1 Feb. 1218 BCE == Greg. Calendar 21 Jan. 1218 BCE

The year -1217 astronomical counting style corresponds to year 1218 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1218 BCE
geocentric

MARCH 1218 BCE (-1217) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 48 13	29♒ 4'36	9♏37	29°R23	16♑53	27♏12	17♑ 5	18♑45	21°R57	10°R20	21°R50	4°R27	4♊27	11♉ 5	n.a.	F 1
S 2	9 52 10	0♓ 3'20	23°48	28♒36	17°32	27°48	17°18	18°52	21♍55	10♊20	21♎50	4♊26	4°23	11°12	n.a.	S 2
S 3	9 56 6	1° 2'03	7♐50	27°49	18°12	28°23	17°30	18°58	21°53	10°D20	21°49	4°26	4°20	11°19	n.a.	S 3
M 4	10 0 3	2° 0'44	21°44	27° 4	18°54	28°59	17°42	19° 4	21°51	10°20	21°48	4°25	4°17	11°25	n.a.	M 4
T 5	10 3 59	2°59'23	5♑29	26°19	19°36	29°34	17°55	19°10	21°48	10°20	21°47	4°23	4°14	11°32	n.a.	T 5
W 6	10 7 56	3°58'00	19° 5	25°38	20°19	0♐ 9	18° 7	19°16	21°46	10°20	21°46	4°18	4°11	11°39	n.a.	W 6
T 7	10 11 53	4°56'36	2♒31	24°59	21° 4	0°44	18°19	19°22	21°43	10°20	21°45	4°10	4° 8	11°45	n.a.	T 7
F 8	10 15 49	5°55'09	15°46	24°24	21°49	1°19	18°31	19°27	21°41	10°20	21°44	3°59	4° 4	11°52	n.a.	F 8
S 9	10 19 46	6°53'41	28°50	23°53	22°35	1°53	18°42	19°33	21°39	10°20	21°43	3°47	4° 1	11°59	n.a.	S 9
S 10	10 23 42	7°52'10	11♓39	23°26	23°22	2°28	18°54	19°39	21°36	10°20	21°42	3°34	3°58	12° 5	n.a.	S 10
M11	10 27 39	8°50'38	24°15	23° 5	24°10	3° 3	19° 6	19°45	21°34	10°21	21°41	3°21	3°55	12°12	n.a.	M11
T 12	10 31 35	9°49'03	6♈37	22°48	24°58	3°37	19°17	19°50	21°31	10°21	21°40	3° 9	3°52	12°19	n.a.	T 12
W13	10 35 32	10°47'26	18°46	22°36	25°47	4°11	19°29	19°56	21°29	10°21	21°39	3° 0	3°49	12°25	n.a.	W13
T 14	10 39 28	11°45'47	0♉44	22°29	26°37	4°45	19°40	20° 1	21°26	10°22	21°38	2°54	3°45	12°32	n.a.	T 14
F 15	10 43 25	12°44'06	12°34	22°D28	27°28	5°19	19°52	20° 7	21°24	10°22	21°37	2°50	3°42	12°39	n.a.	F 15
S 16	10 47 21	13°42'23	24°22	22°31	28°19	5°53	20° 3	20°12	21°21	10°22	21°35	2°48	3°39	12°45	n.a.	S 16
S 17	10 51 18	14°40'38	6♊11	22°39	29°11	6°27	20°14	20°17	21°19	10°23	21°34	2°D48	3°36	12°52	n.a.	S 17
M18	10 55 15	15°38'50	18° 8	22°52	0♒ 3	7° 1	20°25	20°22	21°16	10°23	21°33	2°R48	3°33	12°59	n.a.	M18
T 19	10 59 11	16°37'00	0♋17	23°10	0°56	7°34	20°36	20°28	21°14	10°24	21°32	2°48	3°29	13° 5	n.a.	T 19
W20	11 3 8	17°35'09	12°44	23°33	1°50	8° 8	20°47	20°33	21°11	10°25	21°30	2°45	3°26	13°12	n.a.	W20
T 21	11 7 4	18°33'15	25°33	23°59	2°44	8°41	20°58	20°38	21° 9	10°25	21°29	2°40	3°23	13°19	n.a.	T 21
F 22	11 11 1	19°31'19	8♌48	24°30	3°39	9°14	21° 8	20°43	21° 6	10°26	21°28	2°33	3°20	13°25	n.a.	F 22
S 23	11 14 57	20°29'21	22°29	25° 6	4°34	9°47	21°19	20°48	21° 4	10°26	21°26	2°24	3°17	13°32	n.a.	S 23
S 24	11 18 54	21°27'21	6♍36	25°45	5°30	10°19	21°29	20°52	21° 1	10°27	21°25	2°13	3°14	13°39	n.a.	S 24
M25	11 22 50	22°25'19	21° 3	26°27	6°26	10°52	21°39	20°57	20°58	10°28	21°24	2° 3	3°10	13°45	n.a.	M25
T 26	11 26 47	23°23'15	5♎45	27°14	7°22	11°25	21°50	21° 2	20°56	10°28	21°22	1°53	3° 7	13°52	n.a.	T 26
W27	11 30 43	24°21'10	20°33	28° 3	8°20	11°57	22° 0	21° 6	20°53	10°29	21°21	1°46	3° 4	13°58	n.a.	W27
T 28	11 34 40	25°19'03	5♏19	28°56	9°17	12°29	22°10	21°11	20°51	10°30	21°20	1°41	3° 1	14° 5	n.a.	T 28
F 29	11 38 37	26°16'54	19°57	29°53	10°15	13° 1	22°20	21°15	20°48	10°31	21°18	1°38	2°58	14°12	n.a.	F 29
S 30	11 42 33	27°14'45	4♐23	0♓52	11°13	13°33	22°29	21°20	20°46	10°32	21°17	1°D38	2°55	14°18	n.a.	S 30
S 31	11 46 30	28♓12'34	18♐32	1♓54	12♒12	14♐ 4	22♑39	21♑24	20♍43	10♊33	21♎15	1♊38	2♊51	14♉25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s59	12s56	2n 7	8s51	3n14	18s48	3n59	19s26	0n26	23s24	0s41	23s18	0s48	3n57	0n46	21n31	0s52	3n28	13n 5	21n23	21n23	13n28		n.a.
S 2	11 38	18 8	0 56	9 17	3 4	18 52	3 51	19 36	0 25	23 23	0 41	23 17	0 49	3 57	0 46	21 31	0 51	3 29	13 5	21 23	21 23	13 31		n.a.
S 3	11 17	22 17	0s18	9 44	2 53	18 55	3 42	19 45	0 24	23 21	0 41	23 17	0 49	3 58	0 46	21 31	0 51	3 29	13 5	21 23	21 22	13 34		n.a.
M 4	10 56	25 5	1 30	10 11	2 41	18 58	3 33	19 54	0 22	23 20	0 41	23 16	0 49	3 59	0 46	21 31	0 51	3 30	13 5	21 23	21 21	13 36		n.a.
T 5	10 35	26 20	2 36	10 39	2 27	19 0	3 25	20 3	0 21	23 18	0 41	23 15	0 49	4 0	0 46	21 31	0 51	3 30	13 6	21 22	21 21	13 39		n.a.
W 6	10 13	25 58	3 32	11 7	2 13	19 2	3 16	20 12	0 20	23 17	0 42	23 14	0 49	4 1	0 46	21 32	0 51	3 31	13 6	21 22	21 20	13 42		n.a.
T 7	9 51	24 5	4 16	11 34	1 58	19 4	3 8	20 21	0 18	23 15	0 42	23 14	0 49	4 2	0 46	21 32	0 51	3 32	13 6	21 20	21 20	13 45		n.a.
F 8	9 30	20 54	4 45	12 0	1 42	19 5	3 0	20 30	0 17	23 14	0 42	23 13	0 49	4 3	0 46	21 32	0 51	3 32	13 7	21 18	21 19	13 48		n.a.
S 9	9 8	16 44	4 59	12 25	1 27	19 6	2 51	20 38	0 15	23 12	0 42	23 12	0 49	4 4	0 46	21 32	0 51	3 33	13 7	21 16	21 18	13 51		n.a.
S 10	8 46	11 52	4 57	12 49	1 11	19 6	2 43	20 47	0 14	23 11	0 42	23 12	0 50	4 5	0 46	21 32	0 51	3 33	13 7	21 13	21 18	13 54		n.a.
M11	8 23	6 36	4 41	13 11	0 55	19 6	2 35	20 55	0 12	23 9	0 43	23 11	0 50	4 6	0 46	21 32	0 51	3 34	13 7	21 11	21 17	13 56		n.a.
T 12	8 1	1 10	4 11	13 32	0 39	19 5	2 27	21 3	0 11	23 8	0 43	23 10	0 50	4 7	0 46	21 32	0 51	3 35	13 7	21 8	21 17	13 59		n.a.
W13	7 39	4n14	3 31	13 51	0 24	19 3	2 20	21 11	0 9	23 6	0 43	23 9	0 50	4 8	0 46	21 32	0 51	3 35	13 8	21 7	21 16	14 2		n.a.
T 14	7 16	9 24	2 41	14 7	0 8	19 2	2 12	21 19	0 8	23 5	0 43	23 9	0 50	4 9	0 46	21 32	0 51	3 36	13 8	21 5	21 15	14 5		n.a.
F 15	6 53	14 12	1 45	14 22	0s 6	18 59	2 4	21 27	0 6	23 3	0 43	23 8	0 50	4 10	0 46	21 32	0 51	3 36	13 8	21 5	21 15	14 8		n.a.
S 16	6 31	18 27	0 45	14 34	0 21	18 56	1 57	21 35	0 4	23 2	0 44	23 7	0 50	4 11	0 46	21 32	0 51	3 37	13 8	21 4	21 14	14 11		n.a.
S 17	6 8	22 0	0n18	14 44	0 34	18 53	1 49	21 42	0 3	23 0	0 44	23 7	0 51	4 12	0 46	21 32	0 51	3 38	13 9	21 4	21 14	14 13		n.a.
M18	5 45	24 38	1 20	14 52	0 48	18 49	1 42	21 50	0 1	22 59	0 44	23 6	0 51	4 13	0 46	21 33	0 51	3 38	13 9	21 4	21 13	14 16		n.a.
T 19	5 22	26 11	2 20	14 58	1 0	18 45	1 35	21 57	0s 1	22 58	0 44	23 5	0 51	4 14	0 46	21 33	0 51	3 39	13 9	21 4	21 12	14 19		n.a.
W20	4 59	26 27	3 15	15 2	1 12	18 40	1 28	22 4	0 3	22 56	0 44	23 5	0 51	4 15	0 46	21 33	0 51	3 40	13 9	21 4	21 12	14 22		n.a.
T 21	4 36	25 21	4 2	15 3	1 23	18 34	1 21	22 12	0 4	22 55	0 45	23 4	0 51	4 16	0 46	21 33	0 51	3 40	13 9	21 3	21 11	14 25		n.a.
F 22	4 13	22 48	4 37	15 2	1 34	18 28	1 14	22 19	0 6	22 53	0 45	23 4	0 51	4 17	0 46	21 33	0 51	3 41	13 9	21 1	21 10	14 27		n.a.
S 23	3 50	18 55	4 58	15 0	1 43	18 22	1 7	22 25	0 8	22 52	0 45	23 3	0 51	4 18	0 46	21 33	0 51	3 41	13 10	20 59	21 10	14 30		n.a.
S 24	3 27	13 53	5 1	14 55	1 53	18 14	1 0	22 32	0 10	22 50	0 45	23 2	0 52	4 19	0 46	21 33	0 51	3 42	13 10	20 57	21 9	14 33		n.a.
M25	3 3	7 58	4 46	14 48	2 1	18 7	0 54	22 39	0 12	22 49	0 45	23 2	0 52	4 20	0 46	21 33	0 51	3 43	13 10	20 55	21 9	14 36		n.a.
T 26	2 40	1 31	4 12	14 39	2 9	17 59	0 47	22 45	0 14	22 47	0 46	23 1	0 52	4 21	0 46	21 34	0 50	3 43	13 10	20 53	21 8	14 39		n.a.
W27	2 17	5s 4	3 20	14 28	2 16	17 50	0 41	22 52	0 16	22 46	0 46	23 1	0 52	4 22	0 46	21 34	0 50	3 44	13 10	20 52	21 7	14 41		n.a.
T 28	1 53	11 23	2 15	14 15	2 22	17 40	0 35	22 58	0 18	22 44	0 46	23 0	0 52	4 23	0 46	21 34	0 50	3 45	13 10	20 51	21 7	14 44		n.a.
F 29	1 30	17 2	1 2	14 0	2 27	17 31	0 29	23 4	0 20	22 43	0 46	22 59	0 52	4 24	0 46	21 34	0 50	3 45	13 10	20 50	21 6	14 47		n.a.
S 30	1 7	21 37	0s15	13 43	2 32	17 20	0 23	23 11	0 22	22 42	0 47	22 59	0 53	4 25	0 46	21 34	0 50	3 46	13 10	20 50	21 5	14 50		n.a.
S 31	0s43	24s49	1s29	13s24	2s37	17s 9	0n17	23s17	0s24	22s40	0s47	22s58	0s53	4n26	0n46	21n34	0s50	3n47	13n11	20n50	21n 5	14n53		n.a.

Julian Day Number = 1276607.5, Delta T = 08h12m06s
Ecliptic obliquity = 23°50'26, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°53'03, Lahiri = -20°46'03 Julian Calendar 1 March 1218 BCE == Greg. Calendar 18 Feb. 1218 BCE

The year -1217 astronomical counting style corresponds to year 1218 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1218 BCE
geocentric

APRIL 1218 BCE (-1217) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 50 26	29♓10'21	2♉25	3♓ 0	13♒11	14♐35	22♉49	21♉28	20°R41	10♊34	21°R14	1°R39	2♊48	14♉32	n.a.	M 1
T 2	11 54 23	0♈ 8'08	16° 3	4° 8	14°10	15° 7	22°58	21°32	20♍38	10°35	21♎12	1♊37	2°45	14°38	n.a.	T 2
W 3	11 58 19	1° 5'53	29°25	5°18	15°10	15°38	23° 7	21°36	20°36	10°36	21°11	1°34	2°42	14°45	n.a.	W 3
T 4	12 2 16	2° 3'36	12♒33	6°31	16°10	16° 8	23°17	21°40	20°33	10°37	21° 9	1°29	2°39	14°52	n.a.	T 4
F 5	12 6 12	3° 1'19	25°28	7°47	17°11	16°39	23°26	21°44	20°31	10°38	21° 8	1°21	2°35	14°58	n.a.	F 5
S 6	12 10 9	3°59'00	8♓10	9° 5	18°11	17° 9	23°35	21°48	20°28	10°39	21° 6	1°11	2°32	15° 5	n.a.	S 6
S 7	12 14 6	4°56'40	20°42	10°26	19°12	17°39	23°43	21°52	20°26	10°40	21° 5	1° 1	2°29	15°12	n.a.	S 7
M 8	12 18 2	5°54'18	3♈ 1	11°49	20°14	18° 9	23°52	21°55	20°23	10°41	21° 3	0°51	2°26	15°18	n.a.	M 8
T 9	12 21 59	6°51'55	15°11	13°15	21°15	18°38	24° 1	21°59	20°21	10°42	21° 1	0°42	2°23	15°25	n.a.	T 9
W10	12 25 55	7°49'30	27°11	14°42	22°17	19° 8	24° 9	22° 2	20°19	10°43	21° 0	0°35	2°20	15°32	n.a.	W10
T 11	12 29 52	8°47'04	9♉ 4	16°12	23°19	19°37	24°17	22° 6	20°16	10°44	20°58	0°30	2°16	15°38	n.a.	T 11
F 12	12 33 48	9°44'37	20°52	17°45	24°22	20° 5	24°25	22° 9	20°14	10°46	20°57	0°28	2°13	15°45	n.a.	F 12
S 13	12 37 45	10°42'08	2♊39	19°19	25°24	20°34	24°33	22°12	20°11	10°47	20°55	0°D27	2°10	15°52	n.a.	S 13
S 14	12 41 41	11°39'38	14°28	20°56	26°27	21° 2	24°41	22°15	20° 9	10°48	20°53	0°28	2° 7	15°58	n.a.	S 14
M15	12 45 38	12°37'06	26°24	22°35	27°30	21°30	24°49	22°19	20° 7	10°50	20°52	0°30	2° 4	16° 5	n.a.	M15
T 16	12 49 35	13°34'33	8♋32	24°17	28°33	21°58	24°57	22°21	20° 5	10°51	20°50	0°R30	2° 0	16°12	n.a.	T 16
W17	12 53 31	14°31'58	20°57	26° 0	29°37	22°25	25° 4	22°24	20° 2	10°52	20°49	0°30	1°57	16°18	n.a.	W17
T 18	12 57 28	15°29'22	3♌45	27°46	0♓41	22°52	25°11	22°27	20° 0	10°54	20°47	0°29	1°54	16°25	n.a.	T 18
F 19	13 1 24	16°26'44	16°58	29°34	1°45	23°19	25°19	22°30	19°58	10°55	20°45	0°25	1°51	16°31	n.a.	F 19
S 20	13 5 21	17°24'05	0♍39	1♈24	2°49	23°45	25°26	22°32	19°56	10°57	20°44	0°20	1°48	16°38	n.a.	S 20
S 21	13 9 17	18°21'25	14°49	3°16	3°53	24°11	25°32	22°35	19°54	10°58	20°42	0°14	1°45	16°45	n.a.	S 21
M22	13 13 14	19°18'44	29°23	5°11	4°58	24°37	25°39	22°37	19°51	11° 0	20°40	0° 8	1°41	16°51	n.a.	M22
T 23	13 17 10	20°16'01	14♎16	7° 8	6° 2	25° 3	25°46	22°40	19°49	11° 1	20°39	0° 3	1°38	16°58	n.a.	T 23
W24	13 21 7	21°13'17	29°20	9° 6	7° 7	25°28	25°52	22°42	19°47	11° 3	20°37	29♉58	1°35	17° 5	n.a.	W24
T 25	13 25 4	22°10'33	14♏26	11° 7	8°12	25°53	25°58	22°44	19°45	11° 4	20°35	29°56	1°32	17°11	n.a.	T 25
F 26	13 29 0	23° 7'48	29°24	13°10	9°18	26°17	26° 5	22°46	19°43	11° 6	20°34	29°D55	1°29	17°18	n.a.	F 26
S 27	13 32 57	24° 5'02	14♐ 8	15°14	10°23	26°41	26°10	22°48	19°41	11° 8	20°32	29°55	1°26	17°25	n.a.	S 27
S 28	13 36 53	25° 2'15	28°32	17°20	11°29	27° 4	26°16	22°50	19°39	11° 9	20°31	29°57	1°22	17°31	n.a.	S 28
M29	13 40 50	25°59'29	12♑34	19°27	12°34	27°28	26°22	22°51	19°38	11°11	20°29	29°58	1°19	17°38	n.a.	M29
T 30	13 44 46	26♈56'41	26♑14	21♈36	13♓40	27♐50	26♑27	22♑53	19♍36	11♊13	20♎27	29°R59	1♊16	17♉45	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s20	26s26	2s37	13s 3	2s40	16s58	0n11	23s22	0s27	22s39	0s47	22s58	0s53	4n27	0n46	21n35	0s50	3n47	13n11	20n50	21n 4	14n55		n.a.
T 2	0n 3	26 24	3 34	12 41	2 43	16 46	0 5	23 28	0 29	22 37	0 47	22 57	0 53	4 28	0 46	21 35	0 50	3 48	13 11	20 50	21 4	14 58		n.a.
W 3	0 27	24 49	4 18	12 16	2 45	16 34	0s 0	23 34	0 31	22 36	0 47	22 57	0 53	4 29	0 46	21 35	0 50	3 48	13 11	20 49	21 3	15 1		n.a.
T 4	0 50	21 56	4 48	11 50	2 47	16 21	0 6	23 40	0 33	22 35	0 48	22 56	0 53	4 30	0 46	21 35	0 50	3 49	13 11	20 48	21 2	15 4		n.a.
F 5	1 13	17 59	5 3	11 22	2 47	16 7	0 11	23 45	0 36	22 33	0 48	22 56	0 54	4 31	0 46	21 35	0 50	3 50	13 11	20 46	21 2	15 7		n.a.
S 6	1 37	13 18	5 2	10 53	2 48	15 53	0 16	23 50	0 38	22 32	0 48	22 55	0 54	4 32	0 46	21 35	0 50	3 50	13 11	20 44	21 1	15 9		n.a.
S 7	2 0	8 8	4 47	10 21	2 47	15 39	0 21	23 56	0 41	22 31	0 48	22 55	0 54	4 33	0 46	21 36	0 50	3 51	13 11	20 42	21 0	15 12		n.a.
M 8	2 23	2 43	4 19	9 48	2 46	15 24	0 26	24 1	0 43	22 29	0 49	22 55	0 54	4 34	0 46	21 36	0 50	3 52	13 11	20 40	21 0	15 15		n.a.
T 9	2 46	2n43	3 39	9 13	2 45	15 8	0 31	24 6	0 45	22 28	0 49	22 54	0 54	4 35	0 46	21 36	0 50	3 52	13 11	20 38	20 59	15 18		n.a.
W10	3 9	8 1	2 49	8 37	2 42	14 52	0 35	24 11	0 48	22 27	0 49	22 54	0 54	4 36	0 46	21 36	0 50	3 53	13 11	20 37	20 58	15 20		n.a.
T 11	3 32	12 59	1 53	7 58	2 40	14 36	0 40	24 16	0 51	22 26	0 49	22 53	0 54	4 37	0 46	21 37	0 50	3 53	13 11	20 36	20 58	15 23		n.a.
F 12	3 55	17 27	0 52	7 19	2 36	14 19	0 44	24 21	0 53	22 24	0 50	22 53	0 55	4 38	0 46	21 37	0 50	3 54	13 11	20 35	20 57	15 26		n.a.
S 13	4 18	21 14	0n12	6 37	2 32	14 2	0 49	24 26	0 56	22 23	0 50	22 53	0 55	4 39	0 46	21 37	0 50	3 55	13 11	20 35	20 57	15 29		n.a.
S 14	4 41	24 10	1 15	5 54	2 28	13 44	0 53	24 30	0 59	22 22	0 50	22 52	0 55	4 40	0 46	21 37	0 50	3 55	13 11	20 35	20 56	15 31		n.a.
M15	5 4	26 3	2 16	5 10	2 22	13 26	0 57	24 35	1 1	22 21	0 50	22 52	0 55	4 41	0 46	21 37	0 50	3 56	13 11	20 36	20 55	15 34		n.a.
T 16	5 27	26 44	3 11	4 24	2 17	13 7	1 1	24 40	1 4	22 20	0 51	22 52	0 55	4 42	0 46	21 38	0 50	3 56	13 11	20 36	20 55	15 37		n.a.
W17	5 49	26 7	3 59	3 36	2 10	12 48	1 5	24 44	1 7	22 19	0 51	22 51	0 56	4 42	0 46	21 38	0 50	3 57	13 11	20 36	20 54	15 40		n.a.
T 18	6 12	24 7	4 37	2 47	2 4	12 29	1 9	24 48	1 10	22 18	0 51	22 51	0 56	4 43	0 46	21 38	0 50	3 57	13 11	20 36	20 53	15 42		n.a.
F 19	6 34	20 47	5 1	1 57	1 56	12 9	1 12	24 53	1 13	22 16	0 51	22 51	0 56	4 44	0 46	21 38	0 50	3 58	13 11	20 35	20 53	15 45		n.a.
S 20	6 57	16 14	5 10	1 5	1 49	11 49	1 16	24 57	1 16	22 15	0 52	22 50	0 56	4 45	0 46	21 39	0 50	3 59	13 11	20 34	20 52	15 48		n.a.
S 21	7 19	10 40	5 0	0 12	1 40	11 29	1 19	25 1	1 19	22 14	0 52	22 50	0 56	4 46	0 46	21 39	0 50	3 59	13 11	20 32	20 51	15 51		n.a.
M22	7 41	4 23	4 31	0n42	1 32	11 8	1 22	25 6	1 22	22 13	0 52	22 50	0 56	4 47	0 46	21 39	0 50	4 0	13 11	20 31	20 51	15 53		n.a.
T 23	8 3	2s18	3 43	1 37	1 22	10 46	1 26	25 10	1 25	22 12	0 53	22 50	0 57	4 47	0 46	21 39	0 49	4 0	13 11	20 30	20 50	15 56		n.a.
W24	8 25	8 57	2 39	2 33	1 13	10 25	1 29	25 14	1 28	22 11	0 53	22 50	0 57	4 48	0 46	21 40	0 49	4 1	13 11	20 29	20 49	15 59		n.a.
T 25	8 47	15 7	1 23	3 30	1 3	10 3	1 32	25 18	1 31	22 11	0 53	22 49	0 57	4 49	0 46	21 40	0 49	4 1	13 11	20 28	20 49	16 1		n.a.
F 26	9 8	20 19	0 3	4 28	0 53	9 40	1 34	25 22	1 35	22 10	0 53	22 49	0 57	4 50	0 45	21 40	0 49	4 2	13 11	20 28	20 48	16 4		n.a.
S 27	9 30	24 9	1s17	5 26	0 43	9 18	1 37	25 26	1 38	22 9	0 54	22 49	0 57	4 51	0 45	21 40	0 49	4 2	13 11	20 28	20 47	16 7		n.a.
S 28	9 51	26 20	2 30	6 25	0 32	8 55	1 40	25 30	1 41	22 8	0 54	22 49	0 57	4 51	0 45	21 41	0 49	4 3	13 10	20 29	20 47	16 10		n.a.
M29	10 12	26 45	3 32	7 24	0 22	8 31	1 42	25 34	1 45	22 7	0 54	22 49	0 58	4 52	0 45	21 41	0 49	4 3	13 10	20 29	20 46	16 12		n.a.
T 30	10n33	25s31	4s20	8n23	0s11	8s 8	1s44	25s38	1s48	22s 6	0s54	22s49	0s58	4n53	0n45	21n41	0s49	4n 4	13n10	20n29	20n45	16n15		n.a.

Julian Day Number = 1276638.5, Delta T = 08h12m04s
Ecliptic obliquity = 23°50'26, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'59, Lahiri = -20°45'59 Julian Calendar 1 Apr. 1218 BCE == Greg. Calendar 21 March 1218 BCE

The year -1217 astronomical counting style corresponds to year 1218 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1218 BCE
geocentric

MAY 1218 BCE (-1217) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 48 43	27♈53'53	9♒33	23♈46	14♓46	28♐13	26♑33	22♑55	19°R34	11♊14	20°R26	29°R58	1♊13	17♉51	n.a.	W 1
T 2	13 52 39	28°51'05	22°32	25°57	15°53	28°35	26°38	22°56	19♍32	11°16	20♎24	29♉56	1°10	17°58	n.a.	T 2
F 3	13 56 36	29°48'16	5♓15	28° 8	16°59	28°56	26°43	22°57	19°30	11°18	20°22	29°53	1° 6	18° 5	n.a.	F 3
S 4	14 0 33	0♉45'26	17°43	0♉20	18° 6	29°17	26°47	22°59	19°29	11°19	20°21	29°49	1° 3	18°11	n.a.	S 4
S 5	14 4 29	1°42'37	29°59	2°31	19°12	29°38	26°52	23° 0	19°27	11°21	20°19	29°44	1° 0	18°18	n.a.	S 5
M 6	14 8 26	2°39'46	12♈ 6	4°43	20°19	29°58	26°57	23° 1	19°25	11°23	20°18	29°39	0°57	18°25	n.a.	M 6
T 7	14 12 22	3°36'56	24° 4	6°53	21°26	0♑17	27° 1	23° 2	19°24	11°25	20°16	29°35	0°54	18°31	n.a.	T 7
W 8	14 16 19	4°34'04	5♉57	9° 4	22°33	0°36	27° 5	23° 3	19°22	11°27	20°14	29°32	0°51	18°38	n.a.	W 8
T 9	14 20 15	5°31'13	17°45	11°13	23°40	0°55	27° 9	23° 3	19°21	11°29	20°13	29°31	0°47	18°44	n.a.	T 9
F 10	14 24 12	6°28'21	29°32	13°21	24°48	1°13	27°13	23° 4	19°19	11°31	20°11	29°D30	0°44	18°51	n.a.	F 10
S 11	14 28 8	7°25'28	11♊20	15°27	25°55	1°30	27°16	23° 5	19°18	11°32	20°10	29°31	0°41	18°58	n.a.	S 11
S 12	14 32 5	8°22'35	23°11	17°32	27° 2	1°47	27°19	23° 5	19°16	11°34	20° 8	29°32	0°38	19° 4	n.a.	S 12
M13	14 36 2	9°19'41	5♋10	19°36	28°10	2° 3	27°23	23° 5	19°15	11°36	20° 7	29°33	0°35	19°11	n.a.	M13
T 14	14 39 58	10°16'47	17°20	21°37	29°18	2°19	27°26	23° 6	19°14	11°38	20° 5	29°35	0°32	19°18	n.a.	T 14
W15	14 43 55	11°13'53	29°46	23°37	0♈26	2°34	27°29	23° 6	19°13	11°40	20° 4	29°36	0°28	19°24	n.a.	W15
T 16	14 47 51	12°10'57	12♌31	25°34	1°34	2°49	27°31	23°R 6	19°11	11°42	20° 2	29°R36	0°25	19°31	n.a.	T 16
F 17	14 51 48	13° 8'02	25°40	27°30	2°42	3° 3	27°34	23° 6	19°10	11°44	20° 1	29°36	0°22	19°38	n.a.	F 17
S 18	14 55 44	14° 5'05	9♍15	29°24	3°50	3°16	27°36	23° 6	19° 9	11°46	19°59	29°35	0°19	19°44	n.a.	S 18
S 19	14 59 41	15° 2'09	23°17	1♊15	4°58	3°29	27°38	23° 5	19° 8	11°48	19°58	29°33	0°16	19°51	n.a.	S 19
M20	15 3 38	15°59'12	7♎46	3° 4	6° 7	3°41	27°40	23° 5	19° 7	11°50	19°56	29°31	0°12	19°58	n.a.	M20
T 21	15 7 34	16°56'14	22°36	4°51	7°15	3°52	27°42	23° 5	19° 6	11°52	19°55	29°30	0° 9	20° 4	n.a.	T 21
W22	15 11 31	17°53'17	7♏42	6°36	8°24	4° 3	27°43	23° 4	19° 5	11°54	19°53	29°29	0° 6	20°11	n.a.	W22
T 23	15 15 27	18°50'19	22°54	8°19	9°32	4°13	27°44	23° 4	19° 4	11°56	19°52	29°D28	0° 3	20°18	n.a.	T 23
F 24	15 19 24	19°47'22	8♐ 3	10° 0	10°41	4°22	27°46	23° 3	19° 3	11°58	19°51	29°28	29♉59	20°24	n.a.	F 24
S 25	15 23 20	20°44'25	23° 1	11°38	11°50	4°31	27°47	23° 2	19° 3	12° 1	19°49	29°29	29°57	20°31	n.a.	S 25
S 26	15 27 17	21°41'28	7♑39	13°15	12°59	4°39	27°47	23° 1	19° 2	12° 3	19°48	29°29	29°53	20°37	n.a.	S 26
M27	15 31 13	22°38'31	21°54	14°49	14° 8	4°46	27°48	23° 0	19° 1	12° 5	19°47	29°30	29°50	20°44	n.a.	M27
T 28	15 35 10	23°35'35	5♒43	16°21	15°17	4°53	27°48	22°59	19° 1	12° 7	19°45	29°31	29°47	20°51	n.a.	T 28
W29	15 39 7	24°32'39	19° 6	17°51	16°27	4°59	27°R48	22°58	19° 0	12° 9	19°44	29°R31	29°44	20°57	n.a.	W29
T 30	15 43 3	25°29'44	2♓ 5	19°18	17°36	5° 4	27°48	22°56	18°59	12°11	19°43	29°31	29°41	21° 4	n.a.	T 30
F 31	15 47 0	26♉26'49	14♓43	20♊43	18♈45	5♑ 8	27♑48	22♑55	18♍59	12♊13	19♎42	29♉31	29♉38	21♉11	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	10n54	22s52	4s53	9n22	0s 0	7s44	1s47	25s41	1s52	22s 6	0s55	22s49	0s58	4n53	0n45	21n41	0s49	4n 4	13n10	20n29	20n45	16n18		n.a.
T 2	11 15	19 6	5 10	10 21	0n10	7 20	1 49	25 45	1 55	22 5	0 55	22 49	0 58	4 54	0 45	21 42	0 49	4 5	13 10	20 29	20 44	16 20		n.a.
F 3	11 35	14 33	5 11	11 18	0 21	6 55	1 51	25 49	1 59	22 4	0 55	22 49	0 58	4 55	0 45	21 42	0 49	4 5	13 10	20 28	20 44	16 23		n.a.
S 4	11 56	9 29	4 58	12 15	0 31	6 30	1 53	25 53	2 3	22 4	0 56	22 49	0 59	4 55	0 45	21 42	0 49	4 6	13 10	20 27	20 43	16 26		n.a.
S 5	12 16	4 8	4 31	13 11	0 41	6 5	1 54	25 57	2 6	22 3	0 56	22 48	0 59	4 56	0 45	21 42	0 49	4 6	13 9	20 26	20 42	16 29		n.a.
M 6	12 36	1n19	3 52	14 6	0 50	5 40	1 56	26 1	2 10	22 2	0 56	22 48	0 59	4 57	0 45	21 43	0 49	4 7	13 9	20 25	20 42	16 31		n.a.
T 7	12 56	6 40	3 3	14 59	1 0	5 15	1 58	26 4	2 14	22 2	0 56	22 49	0 59	4 57	0 45	21 43	0 49	4 7	13 9	20 24	20 41	16 34		n.a.
W 8	13 15	11 45	2 6	15 50	1 8	4 49	1 59	26 8	2 18	22 1	0 57	22 49	0 59	4 58	0 45	21 43	0 49	4 7	13 9	20 23	20 40	16 37		n.a.
T 9	13 35	16 23	1 4	16 39	1 16	4 23	2 0	26 12	2 22	22 1	0 57	22 49	0 59	4 58	0 45	21 44	0 49	4 8	13 9	20 23	20 40	16 39		n.a.
F 10	13 54	20 24	0n 0	17 26	1 24	3 57	2 2	26 16	2 26	22 0	0 57	22 49	1 0	4 59	0 45	21 44	0 49	4 8	13 8	20 23	20 39	16 42		n.a.
S 11	14 13	23 35	1 5	18 11	1 31	3 31	2 3	26 20	2 30	22 0	0 58	22 49	1 0	5 0	0 45	21 44	0 49	4 9	13 8	20 23	20 38	16 45		n.a.
S 12	14 32	25 47	2 7	18 54	1 37	3 5	2 4	26 23	2 34	21 59	0 58	22 49	1 0	5 0	0 45	21 44	0 49	4 9	13 8	20 23	20 37	16 47		n.a.
M13	14 51	26 49	3 4	19 34	1 43	2 38	2 5	26 27	2 38	21 59	0 58	22 49	1 0	5 1	0 45	21 45	0 49	4 9	13 8	20 24	20 37	16 50		n.a.
T 14	15 9	26 34	3 55	20 12	1 48	2 12	2 5	26 31	2 42	21 59	0 59	22 49	1 0	5 1	0 45	21 45	0 49	4 10	13 8	20 24	20 36	16 53		n.a.
W15	15 27	25 1	4 35	20 48	1 52	1 45	2 6	26 35	2 46	21 59	0 59	22 49	1 1	5 2	0 45	21 45	0 49	4 10	13 7	20 24	20 35	16 55		n.a.
T 16	15 45	22 9	5 3	21 21	1 56	1 18	2 7	26 39	2 51	21 58	0 59	22 49	1 1	5 2	0 45	21 46	0 49	4 10	13 7	20 24	20 35	16 58		n.a.
F 17	16 3	18 7	5 16	21 51	1 59	0 51	2 7	26 43	2 55	21 58	0 59	22 50	1 1	5 2	0 45	21 46	0 49	4 11	13 7	20 24	20 34	17 1		n.a.
S 18	16 20	13 2	5 12	22 20	2 1	0 24	2 8	26 47	2 59	21 58	1 0	22 50	1 1	5 3	0 45	21 46	0 49	4 11	13 7	20 24	20 33	17 3		n.a.
S 19	16 37	7 8	4 50	22 45	2 3	0n 3	2 8	26 51	3 4	21 58	1 0	22 50	1 1	5 3	0 45	21 47	0 49	4 11	13 6	20 24	20 33	17 6		n.a.
M20	16 54	0 40	4 9	23 9	2 4	0 31	2 8	26 55	3 8	21 58	1 0	22 50	1 2	5 4	0 45	21 47	0 49	4 11	13 6	20 23	20 32	17 9		n.a.
T 21	17 11	6s 0	3 11	23 29	2 4	0 58	2 8	27 0	3 13	21 58	1 1	22 51	1 2	5 4	0 45	21 47	0 49	4 12	13 6	20 23	20 31	17 11		n.a.
W22	17 27	12 27	1 58	23 48	2 3	1 25	2 8	27 4	3 17	21 58	1 1	22 51	1 2	5 4	0 45	21 47	0 49	4 12	13 5	20 23	20 31	17 14		n.a.
T 23	17 43	18 13	0 36	24 4	2 2	1 53	2 8	27 8	3 22	21 58	1 1	22 51	1 2	5 5	0 45	21 48	0 49	4 12	13 5	20 23	20 30	17 17		n.a.
F 24	17 59	22 48	0s47	24 19	2 1	2 20	2 8	27 12	3 27	21 58	1 2	22 51	1 2	5 5	0 44	21 48	0 49	4 12	13 5	20 23	20 29	17 19		n.a.
S 25	18 14	25 46	2 7	24 31	1 58	2 48	2 8	27 17	3 31	21 58	1 2	22 52	1 2	5 5	0 44	21 48	0 49	4 13	13 5	20 23	20 29	17 22		n.a.
S 26	18 29	26 53	3 17	24 41	1 55	3 16	2 7	27 21	3 36	21 58	1 2	22 52	1 3	5 5	0 44	21 49	0 49	4 13	13 4	20 23	20 28	17 24		n.a.
M27	18 44	26 10	4 12	24 49	1 52	3 43	2 7	27 26	3 41	21 58	1 3	22 52	1 3	5 6	0 44	21 49	0 49	4 13	13 4	20 23	20 27	17 27		n.a.
T 28	18 59	23 51	4 51	24 55	1 48	4 11	2 6	27 30	3 45	21 59	1 3	22 53	1 3	5 6	0 44	21 49	0 49	4 13	13 4	20 23	20 27	17 30		n.a.
W29	19 13	20 17	5 12	24 59	1 43	4 38	2 6	27 35	3 50	21 59	1 3	22 53	1 3	5 6	0 44	21 50	0 49	4 13	13 3	20 23	20 26	17 32		n.a.
T 30	19 27	15 50	5 17	25 1	1 38	5 6	2 5	27 39	3 55	21 59	1 4	22 54	1 3	5 6	0 44	21 50	0 48	4 14	13 3	20 23	20 25	17 35		n.a.
F 31	19n41	10s49	5s 7	25n 2	1n32	5n33	2s 4	27s44	4s 0	21s59	1s 4	22s54	1s 4	5n 6	0n44	21n50	0s48	4n14	13n 3	20n23	20n25	17n37		n.a.

Julian Day Number = 1276668.5, Delta T = 08h12m03s
Ecliptic obliquity = 23°50'26, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'55, Lahiri = -20°45'55 Julian Calendar 1 May 1218 BCE == Greg. Calendar 20 Apr. 1218 BCE

The year -1217 astronomical counting style corresponds to year 1218 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1218 BCE
geocentric

JUNE 1218 BCE (-1217) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 50 56	27♉23'55	27♓ 4	22♊ 6	19♈55	5♑12	27°R48	22°R53	18°R59	12♊16	19°R40	29°R30	29♉34	21♉17	n.a.	S 1
S 2	15 54 53	28°21'02	9♈12	23°27	21° 4	5°14	27♑47	22♑52	18♍58	12°18	19♎39	29♉30	29°31	21°24	n.a.	S 2
M 3	15 58 49	29°18'08	21°10	24°45	22°14	5°16	27°46	22°50	18°58	12°20	19°38	29°D30	29°28	21°31	n.a.	M 3
T 4	16 2 46	0♊15'16	3♉ 1	26° 1	23°24	5°17	27°45	22°48	18°58	12°22	19°37	29°30	29°25	21°37	n.a.	T 4
W 5	16 6 43	1°12'24	14°49	27°15	24°34	5°R18	27°44	22°46	18°57	12°24	19°36	29°30	29°22	21°44	n.a.	W 5
T 6	16 10 39	2° 9'33	26°36	28°25	25°44	5°17	27°43	22°45	18°57	12°26	19°35	29°R30	29°18	21°51	n.a.	T 6
F 7	16 14 36	3° 6'42	8♊24	29°34	26°54	5°16	27°41	22°42	18°57	12°29	19°34	29°30	29°15	21°57	n.a.	F 7
S 8	16 18 32	4° 3'52	20°17	0♋39	28° 4	5°14	27°39	22°40	18°57	12°31	19°33	29°30	29°12	22° 4	n.a.	S 8
S 9	16 22 29	5° 1'02	2♋15	1°42	29°14	5°11	27°38	22°38	18°D57	12°33	19°32	29°30	29° 9	22°11	n.a.	S 9
M10	16 26 25	5°58'13	14°22	2°42	0♉24	5° 8	27°35	22°36	18°57	12°35	19°31	29°29	29° 6	22°17	n.a.	M10
T 11	16 30 22	6°55'24	26°40	3°39	1°35	5° 4	27°33	22°33	18°57	12°37	19°30	29°28	29° 3	22°24	n.a.	T 11
W12	16 34 18	7°52'36	9♌11	4°33	2°45	4°58	27°30	22°31	18°57	12°40	19°29	29°27	28°59	22°30	n.a.	W12
T 13	16 38 15	8°49'48	21°59	5°23	3°55	4°53	27°28	22°28	18°57	12°42	19°28	29°26	28°56	22°37	n.a.	T 13
F 14	16 42 12	9°47'01	5♍ 7	6°10	5° 6	4°46	27°25	22°26	18°58	12°44	19°27	29°D26	28°53	22°44	n.a.	F 14
S 15	16 46 8	10°44'14	18°36	6°54	6°16	4°39	27°22	22°23	18°58	12°46	19°26	29°26	28°50	22°50	n.a.	S 15
S 16	16 50 5	11°41'27	2♎27	7°34	7°27	4°31	27°19	22°20	18°58	12°49	19°25	29°26	28°47	22°57	n.a.	S 16
M17	16 54 1	12°38'41	16°42	8°10	8°38	4°22	27°15	22°17	18°59	12°51	19°24	29°27	28°43	23° 4	n.a.	M17
T 18	16 57 58	13°35'56	1♏19	8°42	9°49	4°13	27°11	22°14	18°59	12°53	19°24	29°28	28°40	23°10	n.a.	T 18
W19	17 1 54	14°33'11	16°12	9°10	11° 0	4° 3	27° 8	22°11	19° 0	12°55	19°23	29°29	28°37	23°17	n.a.	W19
T 20	17 5 51	15°30'28	1♐16	9°34	12°10	3°52	27° 4	22° 8	19° 0	12°57	19°22	29°R29	28°34	23°24	n.a.	T 20
F 21	17 9 48	16°27'45	16°22	9°53	13°21	3°41	26°59	22° 5	19° 1	13° 0	19°21	29°29	28°31	23°30	n.a.	F 21
S 22	17 13 44	17°25'03	1♑21	10° 8	14°33	3°30	26°55	22° 1	19° 2	13° 2	19°21	29°28	28°28	23°37	n.a.	S 22
S 23	17 17 41	18°22'22	16° 6	10°17	15°44	3°17	26°51	21°58	19° 2	13° 4	19°20	29°25	28°24	23°44	n.a.	S 23
M24	17 21 37	19°19'43	0♒28	10°R22	16°55	3° 5	26°46	21°55	19° 3	13° 6	19°19	29°23	28°21	23°50	n.a.	M24
T 25	17 25 34	20°17'05	14°25	10°21	18° 6	2°51	26°41	21°51	19° 4	13° 9	19°19	29°20	28°18	23°57	n.a.	T 25
W26	17 29 30	21°14'28	27°55	10°15	19°18	2°38	26°36	21°48	19° 5	13°11	19°18	29°18	28°15	24° 4	n.a.	W26
T 27	17 33 27	22°11'52	10♓58	10° 4	20°29	2°24	26°31	21°44	19° 6	13°13	19°18	29°17	28°12	24°10	n.a.	T 27
F 28	17 37 23	23° 9'18	23°37	9°48	21°41	2° 9	26°26	21°40	19° 7	13°15	19°17	29°D16	28° 9	24°17	n.a.	F 28
S 29	17 41 20	24° 6'45	5♈57	9°27	22°52	1°54	26°20	21°37	19° 8	13°17	19°17	29°17	28° 5	24°23	n.a.	S 29
S 30	17 45 17	25♊ 4'14	18♈ 2	9♋ 0	24♉ 4	1♑39	26♑15	21♑33	19♍ 9	13♊20	19♎16	29♉18	28♉ 2	24♉30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n54	5s29	4s42	25n 1	1n25	6n 1	2s 3	27s49	4s 5	22s 0	1s 4	22s55	1s 4	5n 6	0n44	21n50	0s48	4n14	13n 2	20n23	20n24	17n40		n.a.
S 2	20 8	0 2	4 5	24 59	1 18	6 28	2 2	27 53	4 10	22 0	1 4	22 55	1 4	5 7	0 44	21 51	0 48	4 14	13 2	20 23	20 23	17 43		n.a.
M 3	20 20	5n21	3 17	24 55	1 11	6 56	2 1	27 58	4 14	22 1	1 5	22 55	1 4	5 7	0 44	21 51	0 48	4 14	13 1	20 23	20 22	17 45		n.a.
T 4	20 33	10 30	2 22	24 50	1 3	7 23	2 0	28 3	4 19	22 1	1 5	22 56	1 4	5 7	0 44	21 51	0 48	4 14	13 1	20 23	20 22	17 48		n.a.
W 5	20 45	15 16	1 21	24 43	0 55	7 50	1 59	28 8	4 24	22 2	1 5	22 56	1 4	5 7	0 44	21 52	0 48	4 14	13 1	20 23	20 21	17 51		n.a.
T 6	20 56	19 28	0 16	24 36	0 46	8 17	1 58	28 13	4 29	22 2	1 6	22 57	1 5	5 7	0 44	21 52	0 48	4 14	13 0	20 23	20 20	17 53		n.a.
F 7	21 8	22 53	0n49	24 27	0 36	8 44	1 56	28 18	4 34	22 3	1 6	22 57	1 5	5 7	0 44	21 52	0 48	4 14	13 0	20 23	20 20	17 56		n.a.
S 8	21 19	25 21	1 53	24 17	0 27	9 11	1 55	28 23	4 39	22 4	1 6	22 58	1 5	5 7	0 44	21 53	0 48	4 14	13 0	20 23	20 19	17 58		n.a.
S 9	21 30	26 41	2 52	24 6	0 16	9 37	1 54	28 28	4 44	22 4	1 7	22 59	1 5	5 7	0 44	21 53	0 48	4 14	12 59	20 23	20 18	18 1		n.a.
M10	21 40	26 46	3 44	23 55	0 6	10 4	1 52	28 33	4 48	22 5	1 7	22 59	1 5	5 7	0 44	21 53	0 48	4 14	12 59	20 23	20 18	18 3		n.a.
T 11	21 50	25 32	4 27	23 42	0s 5	10 30	1 50	28 37	4 53	22 6	1 7	23 0	1 6	5 7	0 44	21 54	0 48	4 14	12 58	20 22	20 17	18 6		n.a.
W12	21 59	23 2	4 58	23 29	0 17	10 56	1 49	28 42	4 58	22 7	1 8	23 0	1 6	5 7	0 44	21 54	0 48	4 14	12 58	20 22	20 16	18 9		n.a.
T 13	22 9	19 21	5 14	23 15	0 28	11 22	1 47	28 47	5 3	22 8	1 8	23 1	1 6	5 6	0 44	21 54	0 48	4 14	12 58	20 22	20 15	18 11		n.a.
F 14	22 17	14 40	5 16	23 1	0 41	11 47	1 45	28 52	5 7	22 8	1 8	23 1	1 6	5 6	0 44	21 54	0 48	4 14	12 57	20 22	20 15	18 14		n.a.
S 15	22 26	9 10	5 0	22 46	0 53	12 13	1 43	28 57	5 12	22 9	1 9	23 2	1 6	5 6	0 44	21 55	0 48	4 14	12 57	20 22	20 14	18 16		n.a.
S 16	22 34	3 4	4 26	22 31	1 6	12 38	1 41	29 2	5 16	22 10	1 9	23 3	1 6	5 6	0 44	21 55	0 48	4 14	12 56	20 22	20 13	18 19		n.a.
M17	22 42	3s22	3 35	22 16	1 19	13 3	1 39	29 7	5 21	22 11	1 9	23 3	1 7	5 6	0 43	21 55	0 48	4 14	12 56	20 22	20 13	18 21		n.a.
T 18	22 49	9 47	2 30	22 1	1 32	13 28	1 37	29 11	5 25	22 12	1 9	23 4	1 7	5 6	0 43	21 56	0 48	4 14	12 55	20 23	20 12	18 24		n.a.
W19	22 56	15 48	1 13	21 46	1 45	13 52	1 35	29 16	5 29	22 13	1 10	23 5	1 7	5 5	0 43	21 56	0 48	4 14	12 55	20 23	20 11	18 26		n.a.
T 20	23 2	20 55	0s10	21 31	1 59	14 16	1 33	29 20	5 34	22 14	1 10	23 5	1 7	5 5	0 43	21 56	0 48	4 13	12 54	20 23	20 10	18 29		n.a.
F 21	23 8	24 39	1 32	21 16	2 12	14 40	1 31	29 25	5 38	22 16	1 10	23 6	1 7	5 5	0 43	21 57	0 48	4 13	12 54	20 23	20 10	18 32		n.a.
S 22	23 14	26 37	2 47	21 1	2 26	15 4	1 29	29 29	5 42	22 17	1 11	23 7	1 7	5 4	0 43	21 57	0 48	4 13	12 54	20 22	20 9	18 34		n.a.
S 23	23 19	26 39	3 50	20 47	2 39	15 27	1 26	29 33	5 45	22 18	1 11	23 7	1 8	5 4	0 43	21 57	0 48	4 13	12 53	20 22	20 8	18 37		n.a.
M24	23 24	24 53	4 36	20 33	2 53	15 50	1 24	29 37	5 49	22 19	1 11	23 8	1 8	5 4	0 43	21 57	0 48	4 13	12 53	20 21	20 8	18 39		n.a.
T 25	23 29	21 38	5 5	20 20	3 6	16 12	1 22	29 41	5 53	22 20	1 11	23 9	1 8	5 3	0 43	21 58	0 48	4 13	12 52	20 21	20 7	18 42		n.a.
W26	23 33	17 19	5 15	20 8	3 19	16 34	1 19	29 45	5 56	22 22	1 12	23 10	1 8	5 3	0 43	21 58	0 48	4 12	12 52	20 20	20 6	18 44		n.a.
T 27	23 36	12 19	5 9	19 57	3 31	16 56	1 17	29 49	5 59	22 23	1 12	23 10	1 8	5 3	0 43	21 58	0 48	4 12	12 51	20 20	20 5	18 47		n.a.
F 28	23 40	6 58	4 47	19 46	3 42	17 18	1 14	29 52	6 3	22 24	1 12	23 11	1 8	5 2	0 43	21 59	0 48	4 12	12 51	20 20	20 5	18 49		n.a.
S 29	23 42	1 28	4 13	19 37	3 53	17 39	1 12	29 55	6 6	22 25	1 13	23 12	1 8	5 2	0 43	21 59	0 48	4 12	12 50	20 20	20 4	18 52		n.a.
S 30	23n45	3n59	3s28	19n29	4s 3	17n59	1s 9	29s58	6s 8	22s27	1s13	23s13	1s 9	5n 1	0n43	21n59	0s48	4n11	12n50	20n20	20n 3	18n54		n.a.

Julian Day Number = 1276699.5, Delta T = 08h12m01s
Ecliptic obliquity = 23°50'26, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'51, Lahiri = -20°45'50 Julian Calendar 1 June 1218 BCE == Greg. Calendar 21 May 1218 BCE

The year -1217 astronomical counting style corresponds to year 1218 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1218 BCE
geocentric

JULY 1218 BCE (-1217) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 49 13	26♊ 1'44	29♈56	8°R29	25♉16	1°R24	26°R 9	21°R29	19♍10	13♊22	19°R16	29♉20	27♉59	24♉37	n.a.	M 1
T 2	17 53 10	26°59'16	11♉44	7♋53	26°27	1♂ 8	26♂ 3	21♂25	19°11	13°24	19♎16	29°21	27°56	24°43	n.a.	T 2
W 3	17 57 6	27°56'49	23°31	7°14	27°39	0°52	25°57	21°21	19°12	13°26	19°15	29°R22	27°53	24°50	n.a.	W 3
T 4	18 1 3	28°54'24	5♊19	6°30	28°51	0°36	25°51	21°17	19°14	13°28	19°15	29°22	27°49	24°57	n.a.	T 4
F 5	18 4 59	29°52'01	17°13	5°44	0♊ 3	0°20	25°45	21°13	19°15	13°31	19°15	29°21	27°46	25° 3	n.a.	F 5
S 6	18 8 56	0♋49'38	29°14	4°56	1°15	0° 4	25°38	21° 9	19°16	13°33	19°15	29°18	27°43	25°10	n.a.	S 6
S 7	18 12 52	1°47'18	11♋24	4° 6	2°27	29♗48	25°32	21° 5	19°18	13°35	19°14	29°14	27°40	25°17	n.a.	S 7
M 8	18 16 49	2°44'59	23°44	3°16	3°39	29°33	25°25	21° 0	19°19	13°37	19°14	29° 8	27°37	25°23	n.a.	M 8
T 9	18 20 46	3°42'41	6♌16	2°26	4°52	29°17	25°18	20°56	19°21	13°39	19°14	29° 2	27°34	25°30	n.a.	T 9
W10	18 24 42	4°40'24	19° 2	1°38	6° 4	29° 1	25°11	20°52	19°22	13°41	19°14	28°57	27°30	25°37	n.a.	W10
T 11	18 28 39	5°38'09	2♍ 0	0°53	7°16	28°46	25° 4	20°48	19°24	13°43	19°14	28°52	27°27	25°43	n.a.	T 11
F 12	18 32 35	6°35'55	15°14	0°11	8°29	28°31	24°57	20°43	19°26	13°45	19°D14	28°48	27°24	25°50	n.a.	F 12
S 13	18 36 32	7°33'42	28°43	29♊33	9°41	28°16	24°50	20°39	19°27	13°47	19°14	28°46	27°21	25°57	n.a.	S 13
S 14	18 40 28	8°31'31	12♎28	29° 0	10°54	28° 2	24°43	20°34	19°29	13°50	19°14	28°D46	27°18	26° 3	n.a.	S 14
M15	18 44 25	9°29'21	26°31	28°34	12° 6	27°48	24°35	20°30	19°31	13°52	19°14	28°47	27°15	26°10	n.a.	M15
T 16	18 48 21	10°27'12	10♏49	28°14	13°19	27°34	24°28	20°26	19°33	13°54	19°14	28°48	27°11	26°16	n.a.	T 16
W17	18 52 18	11°25'05	25°23	28° 1	14°31	27°21	24°20	20°21	19°35	13°56	19°14	28°R49	27° 8	26°23	n.a.	W17
T 18	18 56 15	12°22'59	10♐ 6	27°D56	15°44	27° 9	24°13	20°17	19°37	13°58	19°15	28°49	27° 5	26°30	n.a.	T 18
F 19	19 0 11	13°20'55	24°55	27°58	16°57	26°57	24° 5	20°12	19°39	14° 0	19°15	28°46	27° 2	26°36	n.a.	F 19
S 20	19 4 8	14°18'52	9♑42	28° 8	18°10	26°45	23°58	20° 7	19°41	14° 2	19°15	28°42	26°59	26°43	n.a.	S 20
S 21	19 8 4	15°16'52	24°18	28°27	19°23	26°34	23°50	20° 3	19°43	14° 4	19°15	28°36	26°55	26°50	n.a.	S 21
M22	19 12 1	16°14'53	8♒38	28°54	20°36	26°24	23°42	19°58	19°45	14° 6	19°16	28°29	26°52	26°56	n.a.	M22
T 23	19 15 57	17°12'55	22°36	29°28	21°49	26°15	23°34	19°54	19°47	14° 8	19°16	28°21	26°49	27° 3	n.a.	T 23
W24	19 19 54	18°11'00	6♓ 8	0♋11	23° 2	26° 6	23°26	19°49	19°49	14° 9	19°16	28°14	26°46	27°10	n.a.	W24
T 25	19 23 51	19° 9'07	19°14	1° 1	24°15	25°57	23°18	19°45	19°52	14°11	19°17	28° 8	26°43	27°16	n.a.	T 25
F 26	19 27 47	20° 7'16	1♈56	1°59	25°28	25°50	23°11	19°40	19°54	14°13	19°17	28° 4	26°40	27°23	n.a.	F 26
S 27	19 31 44	21° 5'27	14°17	3° 3	26°42	25°43	23° 3	19°35	19°56	14°15	19°18	28° 2	26°36	27°30	n.a.	S 27
S 28	19 35 40	22° 3'40	26°22	4°14	27°55	25°37	22°55	19°31	19°59	14°17	19°18	28°D 2	26°33	27°36	n.a.	S 28
M29	19 39 37	23° 1'56	8♉16	5°32	29° 8	25°32	22°47	19°26	20° 1	14°19	19°19	28° 3	26°30	27°43	n.a.	M29
T 30	19 43 33	24° 0'14	20° 4	6°54	0♋22	25°27	22°39	19°22	20° 4	14°21	19°19	28° 4	26°27	27°50	n.a.	T 30
W31	19 47 30	24♋58'34	1♊51	8♋23	1♋35	25♗23	22♂31	19♂17	20♍ 6	14♊22	19♎20	28°R 4	26♉24	27♉56	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n47	9n13	2s35	19n22	4s12	18n19	1s 7	30s 1	6s11	22s28	1s13	23s13	1s 9	5n 1	0n43	21n59	0s48	4n11	12n49	20n21	20n 3	18n57			n.a.
T 2	23 48	14 6	1 35	19 17	4 20	18 39	1 4	30 4	6 14	22 30	1 13	23 14	1 9	5 0	0 43	22 0	0 48	4 11	12 49	20 21	20 2	18 59			n.a.
W 3	23 49	18 27	0 32	19 12	4 26	18 58	1 1	30 6	6 16	22 31	1 14	23 15	1 9	5 0	0 43	22 0	0 48	4 10	12 48	20 21	20 1	19 2			n.a.
T 4	23 50	22 5	0n33	19 10	4 31	19 17	0 59	30 8	6 18	22 32	1 14	23 16	1 9	4 59	0 43	22 0	0 48	4 10	12 48	20 21	20 0	19 4			n.a.
F 5	23 50	24 49	1 36	19 9	4 34	19 35	0 56	30 10	6 20	22 34	1 14	23 17	1 9	4 59	0 43	22 0	0 48	4 10	12 47	20 21	20 0	19 7			n.a.
S 6	23 50	26 26	2 36	19 9	4 36	19 53	0 53	30 12	6 22	22 35	1 14	23 17	1 9	4 58	0 43	22 1	0 48	4 9	12 47	20 20	19 59	19 9			n.a.
S 7	23 50	26 49	3 30	19 11	4 36	20 11	0 50	30 14	6 23	22 37	1 15	23 18	1 10	4 57	0 43	22 1	0 48	4 9	12 46	20 19	19 58	19 12			n.a.
M 8	23 49	25 53	4 14	19 14	4 34	20 27	0 48	30 15	6 25	22 38	1 15	23 19	1 10	4 57	0 43	22 1	0 48	4 8	12 46	20 18	19 57	19 14			n.a.
T 9	23 47	23 38	4 47	19 19	4 30	20 44	0 45	30 16	6 26	22 40	1 15	23 20	1 10	4 56	0 43	22 2	0 48	4 8	12 45	20 17	19 57	19 17			n.a.
W10	23 45	20 12	5 6	19 26	4 24	20 59	0 42	30 17	6 27	22 41	1 15	23 21	1 10	4 55	0 42	22 2	0 48	4 8	12 45	20 16	19 56	19 19			n.a.
T 11	23 43	15 45	5 11	19 34	4 16	21 14	0 39	30 18	6 28	22 43	1 15	23 21	1 10	4 55	0 42	22 2	0 48	4 7	12 44	20 14	19 55	19 22			n.a.
F 12	23 40	10 29	4 58	19 43	4 7	21 29	0 37	30 18	6 28	22 44	1 16	23 22	1 10	4 54	0 42	22 2	0 48	4 7	12 44	20 14	19 55	19 24			n.a.
S 13	23 37	4 38	4 30	19 54	3 56	21 43	0 34	30 19	6 29	22 46	1 16	23 23	1 10	4 53	0 42	22 3	0 48	4 6	12 43	20 13	19 54	19 26			n.a.
S 14	23 34	1s34	3 45	20 6	3 44	21 57	0 31	30 19	6 29	22 47	1 16	23 24	1 10	4 53	0 42	22 3	0 48	4 6	12 43	20 13	19 53	19 29			n.a.
M15	23 30	7 49	2 46	20 20	3 30	22 9	0 28	30 18	6 29	22 49	1 16	23 25	1 11	4 52	0 42	22 3	0 48	4 5	12 42	20 13	19 52	19 31			n.a.
T 16	23 25	13 48	1 36	20 34	3 16	22 22	0 25	30 18	6 29	22 50	1 16	23 25	1 11	4 51	0 42	22 3	0 48	4 5	12 42	20 14	19 52	19 34			n.a.
W17	23 20	19 8	0 19	20 49	3 0	22 33	0 23	30 17	6 29	22 52	1 17	23 26	1 11	4 50	0 42	22 4	0 48	4 4	12 41	20 14	19 51	19 36			n.a.
T 18	23 15	23 20	1s 1	21 6	2 44	22 44	0 20	30 17	6 28	22 53	1 17	23 27	1 11	4 49	0 42	22 4	0 48	4 4	12 41	20 14	19 50	19 39			n.a.
F 19	23 9	26 1	2 17	21 22	2 27	22 55	0 17	30 16	6 28	22 55	1 17	23 28	1 11	4 49	0 42	22 4	0 48	4 3	12 40	20 13	19 49	19 41			n.a.
S 20	23 3	26 51	3 23	21 39	2 10	23 4	0 14	30 15	6 27	22 57	1 17	23 29	1 11	4 48	0 42	22 4	0 48	4 3	12 40	20 12	19 49	19 44			n.a.
S 21	22 57	25 47	4 15	21 57	1 53	23 13	0 11	30 13	6 26	22 58	1 17	23 29	1 11	4 47	0 42	22 5	0 48	4 2	12 39	20 11	19 48	19 46			n.a.
M22	22 50	23 3	4 50	22 14	1 36	23 22	0 8	30 12	6 25	23 0	1 18	23 30	1 11	4 46	0 42	22 5	0 48	4 1	12 39	20 9	19 47	19 48			n.a.
T 23	22 43	19 1	5 6	22 32	1 19	23 29	0 6	30 10	6 23	23 1	1 18	23 31	1 11	4 45	0 42	22 5	0 48	4 1	12 38	20 7	19 46	19 51			n.a.
W24	22 35	14 7	5 5	22 48	1 2	23 36	0 3	30 9	6 22	23 3	1 18	23 32	1 11	4 44	0 42	22 5	0 48	4 0	12 38	20 6	19 46	19 53			n.a.
T 25	22 27	8 43	4 47	23 5	0 46	23 43	0 0	30 7	6 21	23 4	1 18	23 32	1 12	4 43	0 42	22 5	0 48	4 0	12 37	20 5	19 45	19 56			n.a.
F 26	22 18	3 7	4 16	23 20	0 30	23 48	0n 3	30 5	6 19	23 6	1 18	23 33	1 12	4 42	0 42	22 6	0 48	3 59	12 37	20 4	19 44	19 58			n.a.
S 27	22 9	2n27	3 33	23 34	0 15	23 53	0 5	30 3	6 17	23 7	1 18	23 34	1 12	4 41	0 42	22 6	0 48	3 58	12 36	20 3	19 43	20 0			n.a.
S 28	22 0	7 50	2 42	23 46	0 0	23 57	0 8	30 1	6 15	23 9	1 18	23 35	1 12	4 40	0 42	22 6	0 48	3 58	12 36	20 3	19 43	20 3			n.a.
M29	21 50	12 51	1 45	23 57	0n14	24 1	0 11	29 59	6 13	23 10	1 19	23 35	1 12	4 39	0 42	22 6	0 48	3 57	12 35	20 3	19 42	20 5			n.a.
T 30	21 40	17 22	0 43	24 6	0 27	24 4	0 13	29 56	6 11	23 12	1 19	23 36	1 12	4 38	0 42	22 7	0 48	3 56	12 35	20 4	19 41	20 8			n.a.
W31	21n30	21n13	0n20	24n13	0n38	24n 6	0n16	29s54	6s 8	23s13	1s19	23s37	1s12	4n37	0n42	22n 7	0s48	3n56	12n34	20n 4	19n40	20n10			n.a.

Julian Day Number = 1276729.5, Delta T = 08h12m00s
Ecliptic obliquity = 23°50'26, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'47, Lahiri = -20°45'46 Julian Calendar 1 July 1218 BCE == Greg. Calendar 20 June 1218 BCE

The year -1217 astronomical counting style corresponds to year 1218 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1218 BCE
geocentric

AUGUST 1218 BCE (-1217) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 51 26	25♋56'56	13♊43	9♋55	2♋49	25°R20	22°R23	19°R12	20♍ 9	14♊24	19♎21	28°R 3	26♉21	28♉ 3	n.a.	T 1
F 2	19 55 23	26°55'20	25°42	11°32	4° 2	25♐18	22♑15	19♑ 8	20°11	14°26	19°21	27♉59	26°17	28° 9	n.a.	F 2
S 3	19 59 19	27°53'47	7♋53	13°12	5°16	25°16	22° 7	19° 3	20°14	14°28	19°22	27°53	26°14	28°16	n.a.	S 3
S 4	20 3 16	28°52'15	20°17	14°56	6°30	25°D16	21°59	18°59	20°17	14°29	19°23	27°45	26°11	28°23	n.a.	S 4
M 5	20 7 13	29°50'46	2♌55	16°42	7°44	25°16	21°51	18°54	20°19	14°31	19°23	27°34	26° 8	28°29	n.a.	M 5
T 6	20 11 9	0♌49'18	15°47	18°30	8°57	25°17	21°44	18°50	20°22	14°33	19°24	27°23	26° 5	28°36	n.a.	T 6
W 7	20 15 6	1°47'53	28°53	20°19	10°11	25°19	21°36	18°46	20°25	14°34	19°25	27°12	26° 1	28°43	n.a.	W 7
T 8	20 19 2	2°46'29	12♍11	22°10	11°25	25°21	21°28	18°41	20°28	14°36	19°26	27° 2	25°58	28°49	n.a.	T 8
F 9	20 22 59	3°45'08	25°40	24° 2	12°39	25°25	21°21	18°37	20°31	14°38	19°27	26°55	25°55	28°56	n.a.	F 9
S 10	20 26 55	4°43'48	9♎20	25°54	13°53	25°29	21°13	18°32	20°33	14°39	19°28	26°50	25°52	29° 3	n.a.	S 10
S 11	20 30 52	5°42'30	23° 8	27°47	15° 7	25°34	21° 6	18°28	20°36	14°41	19°29	26°47	25°49	29° 9	n.a.	S 11
M12	20 34 48	6°41'14	7♏ 6	29°39	16°21	25°40	20°58	18°24	20°39	14°42	19°30	26°D47	25°46	29°16	n.a.	M12
T 13	20 38 45	7°39'59	21°13	1♌32	17°36	25°46	20°51	18°20	20°42	14°44	19°31	26°R47	25°42	29°23	n.a.	T 13
W14	20 42 42	8°38'47	5♐28	3°24	18°50	25°53	20°44	18°16	20°45	14°45	19°32	26°47	25°39	29°29	n.a.	W14
T 15	20 46 38	9°37'37	19°48	5°16	20° 4	26° 1	20°37	18°11	20°48	14°47	19°33	26°45	25°36	29°36	n.a.	T 15
F 16	20 50 35	10°36'28	4♑12	7° 7	21°18	26°10	20°30	18° 7	20°51	14°48	19°34	26°41	25°33	29°43	n.a.	F 16
S 17	20 54 31	11°35'21	18°35	8°58	22°33	26°20	20°23	18° 3	20°55	14°50	19°35	26°34	25°30	29°49	n.a.	S 17
S 18	20 58 28	12°34'17	2♒51	10°48	23°47	26°30	20°16	17°59	20°58	14°51	19°36	26°24	25°27	29°56	n.a.	S 18
M19	21 2 24	13°33'14	16°55	12°37	25° 1	26°41	20° 9	17°55	21° 1	14°52	19°38	26°13	25°23	0♊ 2	n.a.	M19
T 20	21 6 21	14°32'14	0♓42	14°25	26°16	26°52	20° 3	17°52	21° 4	14°54	19°39	26° 1	25°20	0° 9	n.a.	T 20
W21	21 10 17	15°31'15	14° 8	16°13	27°30	27° 5	19°56	17°48	21° 7	14°55	19°40	25°49	25°17	0°16	n.a.	W21
T 22	21 14 14	16°30'19	27°11	17°59	28°45	27°18	19°50	17°44	21°11	14°56	19°42	25°39	25°14	0°22	n.a.	T 22
F 23	21 18 10	17°29'26	9♈52	19°45	29°59	27°31	19°44	17°40	21°14	14°57	19°43	25°32	25°11	0°29	n.a.	F 23
S 24	21 22 7	18°28'35	22°13	21°30	1♌14	27°46	19°38	17°37	21°17	14°59	19°44	25°27	25° 7	0°36	n.a.	S 24
S 25	21 26 4	19°27'46	4♉18	23°14	2°29	28° 0	19°32	17°33	21°20	15° 0	19°46	25°25	25° 4	0°42	n.a.	S 25
M26	21 30 0	20°26'59	16°12	24°58	3°43	28°16	19°26	17°30	21°24	15° 1	19°47	25°24	25° 1	0°49	n.a.	M26
T 27	21 33 57	21°26'16	28° 1	26°40	4°58	28°32	19°20	17°26	21°27	15° 2	19°48	25°24	24°58	0°56	n.a.	T 27
W28	21 37 53	22°25'34	9♊49	28°21	6°13	28°49	19°15	17°23	21°31	15° 3	19°50	25°24	24°55	1° 2	n.a.	W28
T 29	21 41 50	23°24'56	21°43	0♍ 2	7°28	29° 6	19°10	17°20	21°34	15° 4	19°51	25°22	24°52	1° 9	n.a.	T 29
F 30	21 45 46	24°24'19	3♋47	1°42	8°43	29°24	19° 5	17°17	21°38	15° 5	19°53	25°17	24°48	1°16	n.a.	F 30
S 31	21 49 43	25♌23'45	16♋ 5	3♍21	9♌58	29♐42	19♑ 0	17♑13	21♍41	15♊ 6	19♎55	25♉10	24♉45	1♊22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n19	24n12	1n23	24n17	0n49	24n 7	0n19	29s51	6s 6	23s15	1s19	23s38	1s12	4n36	0n42	22n 7	0s48	3n55	12n34	20n 3	19n40	20n12			n.a.
F 2	21 7	26 8	2 22	24 19	1 0	24 8	0 21	29 49	6 4	23 16	1 19	23 38	1 12	4 35	0 42	22 7	0 48	3 54	12 33	20 3	19 39	20 15			n.a.
S 3	20 56	26 52	3 16	24 19	1 9	24 8	0 24	29 46	6 1	23 17	1 19	23 39	1 12	4 34	0 42	22 7	0 48	3 53	12 33	20 1	19 38	20 17			n.a.
S 4	20 44	26 15	4 2	24 16	1 17	24 7	0 26	29 43	5 58	23 19	1 19	23 40	1 12	4 33	0 42	22 7	0 48	3 53	12 32	19 59	19 37	20 19			n.a.
M 5	20 31	24 18	4 36	24 10	1 24	24 5	0 29	29 41	5 56	23 20	1 19	23 41	1 12	4 32	0 42	22 8	0 48	3 52	12 32	19 57	19 37	20 22			n.a.
T 6	20 19	21 5	4 57	24 2	1 30	24 3	0 31	29 38	5 53	23 21	1 19	23 41	1 12	4 31	0 42	22 8	0 48	3 51	12 31	19 54	19 36	20 24			n.a.
W 7	20 6	16 46	5 3	23 51	1 35	24 0	0 34	29 35	5 50	23 23	1 19	23 42	1 13	4 30	0 41	22 8	0 48	3 50	12 31	19 52	19 35	20 27			n.a.
T 8	19 52	11 36	4 53	23 37	1 40	23 56	0 36	29 32	5 47	23 24	1 19	23 43	1 13	4 28	0 41	22 8	0 48	3 50	12 30	19 49	19 34	20 29			n.a.
F 9	19 38	5 48	4 26	23 22	1 43	23 52	0 38	29 29	5 44	23 25	1 19	23 43	1 13	4 27	0 41	22 8	0 48	3 49	12 30	19 48	19 34	20 31			n.a.
S 10	19 24	0s20	3 44	23 3	1 46	23 46	0 41	29 27	5 41	23 27	1 19	23 44	1 13	4 26	0 41	22 9	0 48	3 48	12 29	19 47	19 33	20 34			n.a.
S 11	19 10	6 32	2 49	22 43	1 48	23 41	0 43	29 24	5 38	23 28	1 20	23 45	1 13	4 25	0 41	22 9	0 48	3 47	12 29	19 46	19 32	20 36			n.a.
M12	18 55	12 30	1 43	22 21	1 49	23 34	0 45	29 21	5 35	23 29	1 20	23 45	1 13	4 24	0 41	22 9	0 48	3 46	12 28	19 46	19 31	20 38			n.a.
T 13	18 40	17 53	0 30	21 56	1 50	23 26	0 47	29 18	5 32	23 30	1 20	23 46	1 13	4 22	0 41	22 9	0 48	3 46	12 28	19 46	19 30	20 41			n.a.
W14	18 24	22 20	0s46	21 30	1 50	23 18	0 49	29 15	5 28	23 31	1 20	23 46	1 13	4 21	0 41	22 9	0 48	3 45	12 27	19 46	19 30	20 43			n.a.
T 15	18 8	25 25	1 59	21 2	1 49	23 10	0 51	29 12	5 25	23 32	1 20	23 47	1 13	4 20	0 41	22 9	0 48	3 44	12 27	19 45	19 29	20 45			n.a.
F 16	17 52	26 51	3 5	20 32	1 48	23 0	0 53	29 9	5 22	23 34	1 20	23 48	1 13	4 19	0 41	22 10	0 48	3 43	12 26	19 44	19 28	20 48			n.a.
S 17	17 36	26 27	3 58	20 1	1 46	22 50	0 55	29 6	5 19	23 35	1 20	23 48	1 13	4 17	0 41	22 10	0 48	3 42	12 26	19 43	19 27	20 50			n.a.
S 18	17 19	24 19	4 36	19 28	1 43	22 39	0 57	29 3	5 15	23 36	1 20	23 49	1 13	4 16	0 41	22 10	0 48	3 41	12 26	19 40	19 27	20 52			n.a.
M19	17 2	20 44	4 57	18 55	1 41	22 27	0 59	29 0	5 12	23 37	1 20	23 49	1 13	4 15	0 41	22 10	0 48	3 40	12 25	19 38	19 26	20 54			n.a.
T 20	16 45	16 4	5 0	18 20	1 38	22 15	1 1	28 57	5 9	23 38	1 20	23 50	1 13	4 14	0 41	22 10	0 48	3 40	12 25	19 35	19 25	20 57			n.a.
W21	16 27	10 44	4 46	17 44	1 34	22 2	1 3	28 54	5 5	23 39	1 20	23 50	1 13	4 12	0 41	22 10	0 48	3 39	12 24	19 32	19 24	20 59			n.a.
T 22	16 9	5 4	4 17	17 7	1 30	21 48	1 4	28 51	5 2	23 40	1 20	23 51	1 13	4 11	0 41	22 10	0 48	3 38	12 24	19 30	19 24	21 1			n.a.
F 23	15 51	0n40	3 36	16 29	1 26	21 34	1 6	28 48	4 59	23 40	1 20	23 52	1 13	4 10	0 41	22 11	0 48	3 37	12 23	19 28	19 23	21 4			n.a.
S 24	15 33	6 14	2 46	15 51	1 21	21 19	1 8	28 45	4 55	23 41	1 20	23 52	1 13	4 8	0 41	22 11	0 48	3 36	12 23	19 27	19 22	21 6			n.a.
S 25	15 14	11 27	1 49	15 12	1 16	21 3	1 9	28 42	4 52	23 42	1 19	23 53	1 13	4 7	0 41	22 11	0 48	3 35	12 22	19 26	19 21	21 8			n.a.
M26	14 55	16 11	0 49	14 32	1 11	20 47	1 11	28 38	4 49	23 43	1 19	23 53	1 13	4 6	0 41	22 11	0 48	3 34	12 22	19 26	19 20	21 10			n.a.
T 27	14 36	20 16	0n14	13 52	1 6	20 30	1 12	28 35	4 45	23 44	1 19	23 53	1 13	4 4	0 41	22 11	0 48	3 33	12 22	19 26	19 20	21 13			n.a.
W28	14 16	23 33	1 16	13 11	1 0	20 13	1 13	28 32	4 42	23 44	1 19	23 54	1 13	4 3	0 41	22 11	0 48	3 32	12 21	19 26	19 19	21 15			n.a.
T 29	13 56	25 49	2 15	12 30	0 55	19 55	1 15	28 29	4 39	23 45	1 19	23 54	1 13	4 1	0 41	22 11	0 48	3 31	12 21	19 25	19 18	21 17			n.a.
F 30	13 36	26 55	3 8	11 48	0 49	19 36	1 16	28 26	4 35	23 46	1 19	23 55	1 13	4 0	0 41	22 11	0 48	3 30	12 20	19 24	19 17	21 19			n.a.
S 31	13n16	26n43	3n54	11n 6	0n42	19n17	1n17	28s22	4s32	23s47	1s19	23s55	1s13	3n59	0n41	22n11	0s48	3n29	12n20	19n23	19n16	21n22			n.a.

Julian Day Number = 1276760.5, Delta T = 08h11m58s
Ecliptic obliquity = 23°50'26, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'43, Lahiri = -20°45'42 Julian Calendar 1 Aug. 1218 BCE == Greg. Calendar 21 July 1218 BCE

The year -1217 astronomical counting style corresponds to year 1218 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1218 BCE
geocentric

SEPTEMBER 1218 BCE (-1217) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 53 39	26♌23'13	28♋40	5♍ 0	11♌12	0♏ 1	18°R55	17°R10	21♍44	15♊ 7	19♎56	25°R 0	24♉42	1♊29	n.a.	S 1
M 2	21 57 36	27°22'44	11♌34	6°37	12°27	0°21	18♏50	17♏ 7	21°48	15° 8	19°58	24♉48	24°39	1°36	n.a.	M 2
T 3	22 1 33	28°22'17	24°46	8°14	13°42	0°41	18°46	17° 5	21°52	15° 9	19°59	24°35	24°36	1°42	n.a.	T 3
W 4	22 5 29	29°21'52	8♍16	9°50	14°57	1° 1	18°41	17° 2	21°55	15°10	20° 1	24°22	24°33	1°49	n.a.	W 4
T 5	22 9 26	0♍21'29	21°59	11°26	16°12	1°23	18°37	16°59	21°59	15°11	20° 3	24°11	24°29	1°55	n.a.	T 5
F 6	22 13 22	1°21'08	5♎53	13° 0	17°28	1°44	18°33	16°56	22° 2	15°12	20° 4	24° 2	24°26	2° 2	n.a.	F 6
S 7	22 17 19	2°20'49	19°53	14°34	18°43	2° 6	18°30	16°54	22° 6	15°13	20° 6	23°55	24°23	2° 9	n.a.	S 7
S 8	22 21 15	3°20'32	3♏58	16° 8	19°58	2°29	18°26	16°51	22° 9	15°13	20° 8	23°52	24°20	2°15	n.a.	S 8
M 9	22 25 12	4°20'17	18° 4	17°41	21°13	2°52	18°23	16°49	22°13	15°14	20°10	23°51	24°17	2°22	n.a.	M 9
T 10	22 29 8	5°20'04	2♐10	19°13	22°28	3°15	18°19	16°47	22°17	15°15	20°12	23°51	24°13	2°29	n.a.	T 10
W11	22 33 5	6°19'53	16°15	20°44	23°43	3°39	18°16	16°45	22°20	15°15	20°13	23°51	24°10	2°35	n.a.	W11
T 12	22 37 1	7°19'43	0♑19	22°15	24°59	4° 4	18°14	16°43	22°24	15°16	20°15	23°49	24° 7	2°42	n.a.	T 12
F 13	22 40 58	8°19'35	14°20	23°45	26°14	4°28	18°11	16°41	22°28	15°17	20°17	23°45	24° 4	2°49	n.a.	F 13
S 14	22 44 55	9°19'30	28°17	25°14	27°29	4°53	18° 9	16°39	22°31	15°17	20°19	23°38	24° 1	2°55	n.a.	S 14
S 15	22 48 51	10°19'26	12♒ 7	26°43	28°44	5°19	18° 6	16°37	22°35	15°18	20°21	23°28	23°58	3° 2	n.a.	S 15
M16	22 52 48	11°19'23	25°46	28°11	29°59	5°45	18° 4	16°35	22°39	15°18	20°23	23°17	23°54	3° 9	n.a.	M16
T 17	22 56 44	12°19'23	9♓11	29°39	1♍15	6°11	18° 3	16°34	22°43	15°19	20°25	23° 4	23°51	3°15	n.a.	T 17
W18	23 0 41	13°19'25	22°21	1♎ 6	2°30	6°38	18° 1	16°32	22°46	15°19	20°27	22°53	23°48	3°22	n.a.	W18
T 19	23 4 37	14°19'28	5♈13	2°32	3°46	7° 5	18° 0	16°31	22°50	15°19	20°29	22°43	23°45	3°28	n.a.	T 19
F 20	23 8 34	15°19'34	17°47	3°57	5° 1	7°32	17°58	16°30	22°54	15°20	20°31	22°35	23°42	3°35	n.a.	F 20
S 21	23 12 30	16°19'42	0♉ 4	5°22	6°17	8° 0	17°57	16°28	22°58	15°20	20°33	22°30	23°38	3°42	n.a.	S 21
S 22	23 16 27	17°19'53	12° 7	6°46	7°32	8°28	17°57	16°27	23° 1	15°20	20°35	22°27	23°35	3°48	n.a.	S 22
M23	23 20 23	18°20'05	24° 1	8° 9	8°47	8°56	17°56	16°26	23° 5	15°21	20°37	22°D27	23°32	3°55	n.a.	M23
T 24	23 24 20	19°20'20	5♊49	9°31	10° 3	9°25	17°56	16°25	23° 9	15°21	20°39	22°27	23°29	4° 2	n.a.	T 24
W25	23 28 17	20°20'37	17°37	10°52	11°18	9°54	17°D55	16°25	23°13	15°21	20°41	22°R28	23°26	4° 8	n.a.	W25
T 26	23 32 13	21°20'56	29°31	12°12	12°34	10°23	17°55	16°24	23°16	15°21	20°43	22°28	23°23	4°15	n.a.	T 26
F 27	23 36 10	22°21'17	11♋35	13°31	13°49	10°53	17°56	16°23	23°20	15°21	20°45	22°25	23°19	4°22	n.a.	F 27
S 28	23 40 6	23°21'40	23°55	14°49	15° 5	11°22	17°56	16°23	23°24	15°21	20°48	22°21	23°16	4°28	n.a.	S 28
S 29	23 44 3	24°22'06	6♌35	16° 5	16°20	11°52	17°57	16°22	23°28	15°21	20°50	22°14	23°13	4°35	n.a.	S 29
M30	23 47 59	25♍22'33	19♌37	17♎20	17♍36	12♏23	17♏57	16♏22	23♍32	15°R21	20♎52	22♉ 6	23♉10	4♊42	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n56	25n10	4n30	10n24	0n36	18n57	1n18	28s19	4s29	23s47	1s19	23s56	1s13	3n57	0n41	22n12	0s48	3n28	12n19	19n20	19n16	21n24		n.a.
M 2	12 35	22 16	4 52	9 41	0 30	18 37	1 19	28 16	4 25	23 48	1 19	23 56	1 13	3 56	0 41	22 12	0 48	3 27	12 19	19 17	19 15	21 26		n.a.
T 3	12 14	18 11	5 0	8 59	0 23	18 16	1 20	28 12	4 22	23 48	1 19	23 56	1 13	3 54	0 41	22 12	0 48	3 26	12 19	19 14	19 14	21 28		n.a.
W 4	11 53	13 6	4 52	8 16	0 17	17 55	1 21	28 9	4 19	23 49	1 19	23 57	1 13	3 53	0 41	22 12	0 48	3 25	12 18	19 11	19 13	21 31		n.a.
T 5	11 32	7 17	4 26	7 33	0 10	17 33	1 22	28 6	4 16	23 49	1 19	23 57	1 13	3 51	0 41	22 12	0 49	3 24	12 18	19 8	19 13	21 33		n.a.
F 6	11 10	1 3	3 45	6 50	0 3	17 10	1 23	28 2	4 12	23 50	1 19	23 57	1 13	3 50	0 41	22 12	0 49	3 23	12 17	19 6	19 12	21 35		n.a.
S 7	10 49	5s18	2 49	6 7	0s 3	16 47	1 23	27 58	4 9	23 50	1 19	23 58	1 13	3 48	0 41	22 12	0 49	3 22	12 17	19 4	19 11	21 37		n.a.
S 8	10 27	11 26	1 43	5 24	0 10	16 24	1 24	27 55	4 6	23 51	1 18	23 58	1 13	3 47	0 41	22 12	0 49	3 21	12 17	19 3	19 10	21 39		n.a.
M 9	10 5	17 0	0 31	4 41	0 17	16 0	1 25	27 51	4 3	23 51	1 18	23 58	1 13	3 46	0 41	22 12	0 49	3 20	12 16	19 3	19 9	21 42		n.a.
T 10	9 43	21 40	0s44	3 58	0 24	15 36	1 25	27 47	3 59	23 51	1 18	23 59	1 13	3 44	0 41	22 12	0 49	3 19	12 16	19 3	19 9	21 44		n.a.
W11	9 20	25 2	1 56	3 16	0 31	15 11	1 26	27 44	3 56	23 52	1 18	23 59	1 13	3 43	0 41	22 12	0 49	3 18	12 16	19 3	19 8	21 46		n.a.
T 12	8 58	26 51	3 0	2 33	0 38	14 46	1 26	27 40	3 53	23 52	1 18	23 59	1 13	3 41	0 41	22 12	0 49	3 17	12 15	19 2	19 7	21 48		n.a.
F 13	8 35	26 56	3 54	1 50	0 45	14 20	1 26	27 36	3 50	23 52	1 18	23 59	1 13	3 40	0 41	22 12	0 49	3 16	12 15	19 1	19 6	21 50		n.a.
S 14	8 12	25 18	4 33	1 8	0 52	13 54	1 27	27 32	3 47	23 52	1 18	23 59	1 13	3 38	0 41	22 12	0 49	3 15	12 15	19 0	19 5	21 53		n.a.
S 15	7 49	22 10	4 56	0 26	0 58	13 28	1 27	27 28	3 44	23 53	1 18	24 0	1 13	3 37	0 41	22 12	0 49	3 14	12 14	18 57	19 5	21 55		n.a.
M16	7 26	17 51	5 1	0s16	1 5	13 1	1 27	27 24	3 41	23 53	1 18	24 0	1 13	3 35	0 41	22 13	0 49	3 13	12 14	18 54	19 4	21 57		n.a.
T 17	7 3	12 43	4 50	0 57	1 12	12 34	1 27	27 19	3 38	23 53	1 17	24 0	1 13	3 34	0 41	22 13	0 49	3 12	12 14	18 51	19 3	21 59		n.a.
W18	6 40	7 6	4 23	1 38	1 18	12 6	1 27	27 15	3 35	23 53	1 17	24 0	1 13	3 32	0 41	22 13	0 49	3 11	12 13	18 48	19 2	22 1		n.a.
T 19	6 16	1 18	3 44	2 19	1 25	11 38	1 27	27 10	3 32	23 53	1 17	24 0	1 13	3 31	0 41	22 13	0 49	3 10	12 13	18 45	19 1	22 3		n.a.
F 20	5 53	4n25	2 54	2 59	1 31	11 10	1 27	27 6	3 29	23 53	1 17	24 0	1 13	3 29	0 41	22 13	0 49	3 9	12 13	18 43	19 1	22 6		n.a.
S 21	5 29	9 52	1 56	3 39	1 38	10 42	1 26	27 1	3 26	23 53	1 17	24 1	1 13	3 28	0 41	22 13	0 49	3 8	12 12	18 42	19 0	22 8		n.a.
S 22	5 5	14 52	0 55	4 19	1 44	10 13	1 26	26 57	3 23	23 53	1 17	24 1	1 13	3 26	0 41	22 13	0 49	3 7	12 12	18 42	18 59	22 10		n.a.
M23	4 41	19 14	0n 8	4 58	1 50	9 44	1 26	26 52	3 20	23 53	1 17	24 1	1 13	3 24	0 41	22 13	0 49	3 6	12 12	18 41	18 58	22 12		n.a.
T 24	4 17	22 48	1 11	5 36	1 56	9 15	1 25	26 47	3 17	23 53	1 17	24 1	1 13	3 23	0 41	22 13	0 49	3 5	12 11	18 42	18 57	22 14		n.a.
W25	3 53	25 25	2 10	6 14	2 1	8 45	1 25	26 42	3 15	23 53	1 16	24 1	1 13	3 21	0 41	22 13	0 49	3 4	12 11	18 42	18 57	22 16		n.a.
T 26	3 29	26 55	3 5	6 50	2 7	8 15	1 24	26 37	3 12	23 53	1 16	24 1	1 13	3 20	0 41	22 13	0 49	3 3	12 11	18 42	18 56	22 18		n.a.
F 27	3 5	27 10	3 52	7 26	2 12	7 45	1 24	26 32	3 9	23 52	1 16	24 1	1 13	3 18	0 41	22 13	0 49	3 2	12 11	18 41	18 55	22 20		n.a.
S 28	2 41	26 6	4 29	8 2	2 17	7 15	1 23	26 26	3 6	23 52	1 16	24 1	1 13	3 17	0 41	22 13	0 49	3 1	12 10	18 40	18 54	22 23		n.a.
S 29	2 16	23 41	4 54	8 36	2 21	6 44	1 22	26 21	3 3	23 52	1 16	24 1	1 13	3 15	0 41	22 13	0 49	3 0	12 10	18 38	18 53	22 25		n.a.
M30	1n52	20n 0	5n 5	9s 9	2s26	6n14	1n22	26s15	3s 1	23s52	1s16	24s 1	1s12	3n14	0n41	22n13	0s49	2n59	12n10	18n36	18n53	22n27		n.a.

Julian Day Number = 1276791.5, Delta T = 08h11m56s
Ecliptic obliquity = 23°50'27, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'38, Lahiri = -20°45'38 Julian Calendar 1 Sept. 1218 BCE == Greg. Calendar 21 Aug. 1218 BCE

The year -1217 astronomical counting style corresponds to year 1218 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1218 BCE
geocentric

OCTOBER 1218 BCE (-1217) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 51 56	26♍23'02	3♍ 3	18♎33	18♍52	12♑53	17♑59	16°R22	23♍35	15°R21	20♎54	21°R56	23♉ 7	4♊48	n.a.	T 1
W 2	23 55 52	27°23'33	16°50	19°45	20° 7	13°24	18° 0	16°D22	23°39	15♊21	20°56	21♉46	23° 4	4°55	n.a.	W 2
T 3	23 59 49	28°24'06	0♎57	20°54	21°23	13°55	18° 1	16♑22	23°43	15°21	20°59	21°38	23° 0	5° 2	n.a.	T 3
F 4	0 3 46	29°24'41	15°17	22° 1	22°38	14°27	18° 3	16°22	23°47	15°21	21° 1	21°31	22°57	5° 8	n.a.	F 4
S 5	0 7 42	0♎25'17	29°45	23° 5	23°54	14°58	18° 5	16°22	23°50	15°21	21° 3	21°26	22°54	5°15	n.a.	S 5
S 6	0 11 39	1°25'55	14♏14	24° 6	25°10	15°30	18° 7	16°23	23°54	15°21	21° 5	21°24	22°51	5°22	n.a.	S 6
M 7	0 15 35	2°26'34	28°41	25° 4	26°25	16° 2	18° 9	16°23	23°58	15°21	21° 8	21°D24	22°48	5°28	n.a.	M 7
T 8	0 19 32	3°27'15	13♐ 1	25°58	27°41	16°35	18°11	16°24	24° 2	15°20	21°10	21°25	22°44	5°35	n.a.	T 8
W 9	0 23 28	4°27'57	27°11	26°48	28°56	17° 7	18°14	16°25	24° 5	15°20	21°12	21°27	22°41	5°41	n.a.	W 9
T 10	0 27 25	5°28'41	11♑11	27°33	0♎12	17°40	18°17	16°25	24° 9	15°20	21°14	21°R27	22°38	5°48	n.a.	T 10
F 11	0 31 21	6°29'25	25° 0	28°12	1°28	18°13	18°20	16°26	24°13	15°19	21°17	21°25	22°35	5°55	n.a.	F 11
S 12	0 35 18	7°30'11	8♒37	28°45	2°43	18°46	18°23	16°27	24°17	15°19	21°19	21°21	22°32	6° 1	n.a.	S 12
S 13	0 39 15	8°30'58	22° 3	29°12	3°59	19°19	18°27	16°29	24°20	15°18	21°21	21°16	22°29	6° 8	n.a.	S 13
M14	0 43 11	9°31'46	5♓16	29°31	5°15	19°53	18°30	16°30	24°24	15°18	21°24	21° 9	22°25	6°15	n.a.	M14
T 15	0 47 8	10°32'35	18°17	29°42	6°30	20°26	18°34	16°31	24°28	15°17	21°26	21° 1	22°22	6°21	n.a.	T 15
W16	0 51 4	11°33'26	1♈ 5	29°R44	7°46	21° 0	18°38	16°33	24°31	15°17	21°28	20°54	22°19	6°28	n.a.	W16
T 17	0 55 1	12°34'18	13°39	29°35	9° 1	21°34	18°42	16°34	24°35	15°16	21°31	20°48	22°16	6°35	n.a.	T 17
F 18	0 58 57	13°35'11	26° 1	29°17	10°17	22° 8	18°47	16°36	24°39	15°16	21°33	20°43	22°13	6°41	n.a.	F 18
S 19	1 2 54	14°36'06	8♉10	28°48	11°33	22°43	18°51	16°37	24°42	15°15	21°35	20°40	22°10	6°48	n.a.	S 19
S 20	1 6 50	15°37'02	20° 9	28° 8	12°48	23°17	18°56	16°39	24°46	15°14	21°38	20°D40	22° 6	6°55	n.a.	S 20
M21	1 10 47	16°37'59	2♊ 0	27°17	14° 4	23°52	19° 1	16°41	24°49	15°14	21°40	20°40	22° 3	7° 1	n.a.	M21
T 22	1 14 44	17°38'58	13°48	26°16	15°20	24°26	19° 6	16°43	24°53	15°13	21°43	20°42	22° 0	7° 8	n.a.	T 22
W23	1 18 40	18°39'58	25°36	25° 7	16°35	25° 1	19°12	16°45	24°57	15°12	21°45	20°44	21°57	7°15	n.a.	W23
T 24	1 22 37	19°41'00	7♋28	23°51	17°51	25°36	19°17	16°48	25° 0	15°12	21°47	20°45	21°54	7°21	n.a.	T 24
F 25	1 26 33	20°42'03	19°30	22°30	19° 6	26°11	19°23	16°50	25° 4	15°11	21°50	20°R46	21°50	7°28	n.a.	F 25
S 26	1 30 30	21°43'07	1♌48	21° 8	20°22	26°47	19°28	16°53	25° 7	15°10	21°52	20°45	21°47	7°35	n.a.	S 26
S 27	1 34 26	22°44'13	14°25	19°46	21°38	27°22	19°34	16°55	25°11	15° 9	21°54	20°44	21°44	7°41	n.a.	S 27
M28	1 38 23	23°45'20	27°25	18°28	22°53	27°58	19°41	16°58	25°14	15° 8	21°57	20°41	21°41	7°48	n.a.	M28
T 29	1 42 19	24°46'28	10♍51	17°15	24° 9	28°33	19°47	17° 1	25°18	15° 7	21°59	20°37	21°38	7°54	n.a.	T 29
W30	1 46 16	25°47'37	24°44	16°12	25°25	29° 9	19°54	17° 3	25°21	15° 6	22° 1	20°33	21°35	8° 1	n.a.	W30
T 31	1 50 13	26♎48'47	9♎ 2	15♎17	26♎40	29♑45	20♑ 0	17♑ 6	25♍24	15♊ 5	22♎ 4	20♉29	21♉31	8♊ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n28	15n12	5n 0	9s41	2s30	5n43	1n21	26s 9	2s58	23s51	1s16	24s 1	1s12	3n12	0n41	22n13	0s49	2n58	12n 9	18n33	18n52	22n29		n.a.
W 2	1 3	9 31	4 37	10 12	2 33	5 12	1 20	26 4	2 55	23 51	1 15	24 1	1 12	3 11	0 41	22 13	0 49	2 57	12 9	18 31	18 51	22 31		n.a.
T 3	0 39	3 14	3 57	10 42	2 36	4 41	1 19	25 58	2 53	23 51	1 15	24 1	1 12	3 9	0 41	22 13	0 49	2 56	12 9	18 29	18 50	22 33		n.a.
F 4	0 14	3s20	3 2	11 10	2 39	4 9	1 18	25 52	2 50	23 50	1 15	24 1	1 12	3 8	0 41	22 13	0 49	2 55	12 9	18 27	18 49	22 35		n.a.
S 5	0s10	9 48	1 54	11 36	2 41	3 38	1 17	25 46	2 48	23 50	1 15	24 1	1 12	3 6	0 41	22 13	0 49	2 54	12 9	18 26	18 48	22 37		n.a.
S 6	0 35	15 46	0 39	12 1	2 42	3 6	1 16	25 39	2 45	23 50	1 15	24 1	1 12	3 5	0 41	22 12	0 49	2 53	12 8	18 25	18 48	22 39		n.a.
M 7	0 59	20 50	0s39	12 23	2 43	2 35	1 14	25 33	2 42	23 49	1 15	24 1	1 12	3 3	0 41	22 12	0 49	2 51	12 8	18 25	18 47	22 41		n.a.
T 8	1 24	24 38	1 54	12 43	2 43	2 3	1 13	25 26	2 40	23 49	1 14	24 0	1 12	3 2	0 41	22 12	0 49	2 50	12 8	18 25	18 46	22 43		n.a.
W 9	1 48	26 50	3 1	13 1	2 43	1 31	1 12	25 20	2 37	23 48	1 14	24 0	1 12	3 0	0 41	22 12	0 49	2 49	12 8	18 26	18 45	22 45		n.a.
T 10	2 13	27 17	3 56	13 16	2 41	1 0	1 10	25 13	2 35	23 48	1 14	24 0	1 12	2 59	0 41	22 12	0 49	2 48	12 8	18 26	18 44	22 47		n.a.
F 11	2 37	26 2	4 37	13 28	2 39	0 28	1 9	25 6	2 33	23 47	1 14	24 0	1 12	2 57	0 41	22 12	0 49	2 47	12 7	18 25	18 43	22 49		n.a.
S 12	3 2	23 15	5 2	13 37	2 35	0s 4	1 8	24 59	2 30	23 46	1 14	24 0	1 12	2 56	0 41	22 12	0 49	2 46	12 7	18 24	18 43	22 52		n.a.
S 13	3 26	19 15	5 9	13 42	2 30	0 36	1 6	24 52	2 28	23 46	1 14	24 0	1 12	2 54	0 41	22 12	0 49	2 45	12 7	18 23	18 42	22 54		n.a.
M14	3 50	14 22	5 0	13 44	2 24	1 8	1 4	24 44	2 25	23 45	1 14	23 59	1 12	2 53	0 41	22 12	0 49	2 44	12 7	18 21	18 41	22 56		n.a.
T 15	4 14	8 55	4 35	13 41	2 17	1 40	1 3	24 37	2 23	23 44	1 13	23 59	1 12	2 51	0 41	22 12	0 49	2 43	12 7	18 19	18 40	22 58		n.a.
W16	4 39	3 10	3 57	13 33	2 8	2 12	1 1	24 29	2 21	23 44	1 13	23 59	1 12	2 50	0 41	22 12	0 49	2 42	12 7	18 17	18 39	23 0		n.a.
T 17	5 3	2n36	3 8	13 20	1 57	2 44	0 59	24 21	2 18	23 43	1 13	23 59	1 12	2 48	0 41	22 12	0 49	2 41	12 6	18 15	18 39	23 2		n.a.
F 18	5 27	8 11	2 10	13 2	1 45	3 15	0 58	24 13	2 16	23 42	1 13	23 59	1 12	2 47	0 41	22 12	0 49	2 40	12 6	18 14	18 38	23 4		n.a.
S 19	5 51	13 24	1 8	12 38	1 31	3 47	0 56	24 5	2 14	23 41	1 13	23 58	1 12	2 45	0 41	22 12	0 49	2 39	12 6	18 13	18 37	23 6		n.a.
S 20	6 15	18 2	0 3	12 9	1 15	4 19	0 54	23 57	2 12	23 41	1 13	23 58	1 12	2 44	0 41	22 12	0 49	2 38	12 6	18 13	18 36	23 8		n.a.
M21	6 39	21 55	1n 2	11 35	0 58	4 50	0 52	23 49	2 9	23 40	1 12	23 58	1 12	2 43	0 41	22 12	0 49	2 37	12 6	18 13	18 35	23 10		n.a.
T 22	7 2	24 53	2 3	10 55	0 39	5 22	0 50	23 41	2 7	23 39	1 12	23 57	1 11	2 41	0 41	22 11	0 49	2 36	12 6	18 14	18 34	23 12		n.a.
W23	7 26	26 46	3 0	10 11	0 20	5 53	0 48	23 32	2 5	23 38	1 12	23 57	1 11	2 40	0 41	22 11	0 49	2 35	12 6	18 14	18 34	23 14		n.a.
T 24	7 49	27 26	3 49	9 24	0n 1	6 24	0 46	23 23	2 3	23 37	1 12	23 57	1 11	2 38	0 41	22 11	0 49	2 34	12 6	18 15	18 33	23 15		n.a.
F 25	8 13	26 50	4 29	8 34	0 21	6 55	0 44	23 14	2 1	23 36	1 12	23 56	1 11	2 37	0 41	22 11	0 49	2 34	12 5	18 15	18 32	23 17		n.a.
S 26	8 36	24 55	4 57	7 44	0 42	7 26	0 42	23 5	1 59	23 35	1 12	23 56	1 11	2 35	0 41	22 11	0 49	2 33	12 5	18 15	18 31	23 19		n.a.
S 27	8 59	21 45	5 12	6 54	1 2	7 57	0 40	22 56	1 57	23 34	1 12	23 56	1 11	2 34	0 41	22 11	0 49	2 32	12 5	18 14	18 30	23 21		n.a.
M28	9 22	17 26	5 12	6 7	1 20	8 27	0 38	22 47	1 54	23 33	1 11	23 55	1 11	2 33	0 41	22 11	0 49	2 31	12 5	18 13	18 29	23 23		n.a.
T 29	9 45	12 9	4 55	5 24	1 37	8 58	0 36	22 38	1 52	23 32	1 11	23 55	1 11	2 31	0 41	22 11	0 49	2 30	12 5	18 12	18 29	23 25		n.a.
W30	10 8	6 6	4 20	4 45	1 52	9 28	0 34	22 28	1 50	23 31	1 11	23 54	1 11	2 30	0 41	22 11	0 49	2 29	12 5	18 11	18 28	23 27		n.a.
T 31	10s30	0s27	3n29	4s12	2n 5	9s58	0n32	22s18	1s48	23s30	1s11	23s54	1s11	2n29	0n41	22n10	0s49	2n28	12n 5	18n10	18n27	23n29		n.a.

Julian Day Number = 1276821.5, Delta T = 08h11m55s
Ecliptic obliquity = 23°50'28, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'34, Lahiri = -20°45'34 Julian Calendar 1 Oct. 1218 BCE == Greg. Calendar 20 Sept. 1218 BCE

The year -1217 astronomical counting style corresponds to year 1218 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1218 BCE
geocentric

NOVEMBER 1218 BCE (-1217) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 54 9	27♎49'58	23♎39	14°R34	27♎56	0♒21	20♑ 7	17♑ 9	25♍28	15°R 4	22♎ 6	20°R27	21♉28	8♊14	n.a.	F 1
S 2	1 58 6	28°51'10	8♏30	14♎ 2	29°12	0°57	20°14	17°13	25°31	15♊ 3	22° 9	20♉25	21°25	8°21	n.a.	S 2
S 3	2 2 2	29°52'22	23°26	13°41	0♏27	1°33	20°21	17°16	25°34	15° 2	22°11	20°D25	21°22	8°28	n.a.	S 3
M 4	2 5 59	0♏53'36	8♐19	13°D32	1°43	2°10	20°29	17°19	25°38	15° 1	22°13	20°25	21°19	8°34	n.a.	M 4
T 5	2 9 55	1°54'50	23° 2	13°32	2°58	2°46	20°36	17°23	25°41	15° 0	22°16	20°27	21°15	8°41	n.a.	T 5
W 6	2 13 52	2°56'04	7♑31	13°43	4°14	3°23	20°44	17°26	25°44	14°59	22°18	20°28	21°12	8°48	n.a.	W 6
T 7	2 17 48	3°57'19	21°41	14° 2	5°29	3°59	20°52	17°30	25°47	14°58	22°20	20°29	21° 9	8°54	n.a.	T 7
F 8	2 21 45	4°58'33	5♒31	14°30	6°45	4°36	21° 0	17°33	25°50	14°56	22°23	20°R29	21° 6	9° 1	n.a.	F 8
S 9	2 25 42	5°59'48	19° 1	15° 4	8° 1	5°13	21° 8	17°37	25°54	14°55	22°25	20°29	21° 3	9° 8	n.a.	S 9
S 10	2 29 38	7° 1'03	2♓14	15°46	9°16	5°50	21°16	17°41	25°57	14°54	22°27	20°28	21° 0	9°14	n.a.	S 10
M11	2 33 35	8° 2'19	15° 9	16°33	10°32	6°27	21°24	17°45	26° 0	14°53	22°30	20°26	20°56	9°21	n.a.	M11
T 12	2 37 31	9° 3'34	27°50	17°25	11°47	7° 4	21°33	17°49	26° 3	14°51	22°32	20°24	20°53	9°28	n.a.	T 12
W13	2 41 28	10° 4'50	10♈18	18°22	13° 3	7°41	21°41	17°53	26° 6	14°50	22°34	20°23	20°50	9°34	n.a.	W13
T 14	2 45 24	11° 6'05	22°34	19°22	14°18	8°18	21°50	17°58	26° 9	14°49	22°37	20°21	20°47	9°41	n.a.	T 14
F 15	2 49 21	12° 7'21	4♉41	20°26	15°34	8°56	21°59	18° 2	26°12	14°47	22°39	20°21	20°44	9°48	n.a.	F 15
S 16	2 53 18	13° 8'38	16°40	21°34	16°49	9°33	22° 8	18° 6	26°14	14°46	22°41	20°D20	20°41	9°54	n.a.	S 16
S 17	2 57 14	14° 9'54	28°34	22°44	18° 5	10°10	22°18	18°11	26°17	14°45	22°43	20°20	20°37	10° 1	n.a.	S 17
M18	3 1 11	15°11'11	10♊23	23°56	19°20	10°48	22°27	18°15	26°20	14°43	22°46	20°21	20°34	10° 8	n.a.	M18
T 19	3 5 7	16°12'28	22°10	25°10	20°36	11°25	22°36	18°20	26°23	14°42	22°48	20°21	20°31	10°14	n.a.	T 19
W20	3 9 4	17°13'45	3♋59	26°26	21°51	12° 3	22°46	18°25	26°26	14°40	22°50	20°22	20°28	10°21	n.a.	W20
T 21	3 13 0	18°15'03	15°53	27°44	23° 7	12°40	22°56	18°30	26°28	14°39	22°52	20°22	20°25	10°27	n.a.	T 21
F 22	3 16 57	19°16'21	27°55	29° 4	24°22	13°18	23° 6	18°34	26°31	14°37	22°54	20°22	20°21	10°34	n.a.	F 22
S 23	3 20 53	20°17'38	10♌10	0♏24	25°37	13°56	23°16	18°39	26°34	14°36	22°57	20°R22	20°18	10°41	n.a.	S 23
S 24	3 24 50	21°18'57	22°42	1°46	26°53	14°34	23°26	18°44	26°36	14°34	22°59	20°D22	20°15	10°47	n.a.	S 24
M25	3 28 47	22°20'15	5♍35	3° 9	28° 8	15°12	23°36	18°49	26°39	14°33	23° 1	20°22	20°12	10°54	n.a.	M25
T 26	3 32 43	23°21'33	18°53	4°33	29°24	15°50	23°46	18°55	26°41	14°31	23° 3	20°22	20° 9	11° 1	n.a.	T 26
W27	3 36 40	24°22'51	2♎38	5°57	0♐39	16°27	23°57	19° 0	26°44	14°30	23° 5	20°23	20° 6	11° 7	n.a.	W27
T 28	3 40 36	25°24'10	16°50	7°23	1°54	17° 5	24° 7	19° 5	26°46	14°28	23° 7	20°23	20° 2	11°14	n.a.	T 28
F 29	3 44 33	26°25'28	1♏27	8°49	3°10	17°44	24°18	19°11	26°49	14°27	23° 9	20°24	19°59	11°21	n.a.	F 29
S 30	3 48 29	27♏26'46	16♏25	10♏16	4♐25	18♒22	24♑29	19♑16	26♍51	14♊25	23♎11	20°R24	19♉56	11♊27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s53	7s 8	2n22	3s45	2n17	10s27	0n29	22s 9	1s46	23s28	1s11	23s54	1s11	2n27	0n41	22n10	0s49	2n27	12n 5	18n 9	18n26	23n31		n.a.
S 2	11 15	13 33	1 5	3 24	2 26	10 57	0 27	21 59	1 44	23 27	1 11	23 53	1 11	2 26	0 41	22 10	0 49	2 26	12 5	18 9	18 25	23 33		n.a.
S 3	11 37	19 13	0s17	3 9	2 33	11 26	0 25	21 49	1 42	23 26	1 11	23 53	1 11	2 25	0 41	22 10	0 49	2 25	12 5	18 9	18 24	23 35		n.a.
M 4	11 59	23 40	1 37	3 1	2 38	11 55	0 23	21 38	1 41	23 25	1 10	23 52	1 11	2 23	0 41	22 10	0 49	2 24	12 5	18 9	18 23	23 37		n.a.
T 5	12 20	26 30	2 51	2 58	2 41	12 23	0 20	21 28	1 39	23 23	1 10	23 52	1 11	2 22	0 41	22 10	0 49	2 23	12 5	18 9	18 23	23 39		n.a.
W 6	12 42	27 29	3 52	3 0	2 43	12 52	0 18	21 18	1 37	23 22	1 10	23 51	1 11	2 21	0 41	22 10	0 49	2 23	12 5	18 10	18 22	23 41		n.a.
T 7	13 3	26 38	4 38	3 7	2 43	13 20	0 16	21 7	1 35	23 21	1 10	23 51	1 11	2 19	0 41	22 10	0 49	2 22	12 5	18 10	18 21	23 42		n.a.
F 8	13 24	24 9	5 6	3 19	2 42	13 47	0 13	20 56	1 33	23 19	1 10	23 50	1 11	2 18	0 41	22 9	0 49	2 21	12 5	18 10	18 20	23 44		n.a.
S 9	13 45	20 22	5 17	3 34	2 41	14 14	0 11	20 45	1 31	23 18	1 10	23 50	1 11	2 17	0 41	22 9	0 49	2 20	12 5	18 10	18 19	23 46		n.a.
S 10	14 5	15 40	5 10	3 53	2 38	14 41	0 9	20 34	1 29	23 17	1 10	23 49	1 11	2 16	0 41	22 9	0 49	2 19	12 5	18 10	18 18	23 48		n.a.
M11	14 25	10 21	4 48	4 15	2 34	15 8	0 6	20 23	1 28	23 15	1 10	23 48	1 11	2 15	0 41	22 9	0 49	2 18	12 5	18 9	18 18	23 50		n.a.
T 12	14 45	4 43	4 12	4 39	2 30	15 34	0 4	20 12	1 26	23 14	1 9	23 48	1 11	2 13	0 41	22 9	0 49	2 18	12 5	18 9	18 17	23 52		n.a.
W13	15 5	1n 1	3 24	5 5	2 25	15 59	0 2	20 0	1 24	23 12	1 9	23 47	1 11	2 12	0 41	22 9	0 49	2 17	12 5	18 8	18 16	23 54		n.a.
T 14	15 25	6 38	2 28	5 33	2 19	16 25	0s 1	19 49	1 22	23 10	1 9	23 47	1 11	2 11	0 41	22 8	0 49	2 16	12 5	18 8	18 15	23 56		n.a.
F 15	15 44	11 57	1 26	6 3	2 14	16 49	0 3	19 37	1 21	23 9	1 9	23 46	1 11	2 10	0 41	22 8	0 49	2 15	12 5	18 8	18 14	23 57		n.a.
S 16	16 3	16 46	0 20	6 35	2 7	17 14	0 6	19 26	1 19	23 7	1 9	23 45	1 10	2 9	0 41	22 8	0 49	2 14	12 5	18 8	18 13	23 59		n.a.
S 17	16 21	20 55	0n46	7 7	2 1	17 38	0 8	19 14	1 17	23 6	1 9	23 45	1 10	2 8	0 41	22 8	0 49	2 14	12 5	18 8	18 12	24 1		n.a.
M18	16 40	24 11	1 49	7 40	1 54	18 1	0 10	19 2	1 16	23 4	1 9	23 44	1 10	2 6	0 41	22 8	0 49	2 13	12 5	18 8	18 12	24 3		n.a.
T 19	16 58	26 24	2 48	8 14	1 47	18 24	0 13	18 50	1 14	23 2	1 9	23 43	1 10	2 5	0 41	22 8	0 49	2 12	12 5	18 8	18 11	24 5		n.a.
W20	17 16	27 26	3 40	8 49	1 40	18 46	0 15	18 37	1 12	23 0	1 8	23 43	1 10	2 4	0 41	22 7	0 49	2 11	12 6	18 8	18 10	24 7		n.a.
T 21	17 33	27 13	4 22	9 24	1 33	19 8	0 17	18 25	1 11	22 59	1 8	23 42	1 10	2 3	0 41	22 7	0 49	2 11	12 6	18 8	18 9	24 8		n.a.
F 22	17 50	25 43	4 54	10 0	1 25	19 30	0 20	18 12	1 9	22 57	1 8	23 41	1 10	2 2	0 41	22 7	0 49	2 10	12 6	18 8	18 8	24 10		n.a.
S 23	18 7	23 0	5 13	10 35	1 18	19 51	0 22	18 0	1 7	22 55	1 8	23 41	1 10	2 1	0 41	22 7	0 49	2 9	12 6	18 8	18 7	24 12		n.a.
S 24	18 24	19 10	5 18	11 11	1 10	20 11	0 24	17 47	1 6	22 53	1 8	23 40	1 10	2 0	0 41	22 7	0 49	2 9	12 6	18 8	18 6	24 14		n.a.
M25	18 40	14 21	5 7	11 47	1 3	20 30	0 27	17 34	1 4	22 51	1 8	23 39	1 10	1 59	0 41	22 7	0 49	2 8	12 6	18 8	18 5	24 16		n.a.
T 26	18 55	8 44	4 40	12 23	0 55	20 50	0 29	17 21	1 3	22 49	1 8	23 38	1 10	1 58	0 41	22 6	0 49	2 7	12 6	18 8	18 5	24 17		n.a.
W27	19 11	2 32	3 56	12 59	0 48	21 8	0 31	17 8	1 1	22 47	1 8	23 38	1 10	1 57	0 41	22 6	0 49	2 7	12 6	18 8	18 4	24 19		n.a.
T 28	19 26	4s 1	2 56	13 34	0 40	21 26	0 33	16 55	1 0	22 45	1 8	23 37	1 10	1 56	0 41	22 6	0 49	2 6	12 6	18 9	18 3	24 21		n.a.
F 29	19 41	10 34	1 43	14 10	0 33	21 43	0 36	16 42	0 58	22 43	1 8	23 36	1 10	1 55	0 41	22 6	0 49	2 5	12 7	18 9	18 2	24 23		n.a.
S 30	19s55	16s40	0n22	14s45	0n25	22s 0	0s38	16s29	0s57	22s41	1s 7	23s35	1s10	1n54	0n41	22n 6	0s49	2n 5	12n 7	18n 9	18n 1	24n24		n.a.

Julian Day Number = 1276852.5, Delta T = 08h11m53s
Ecliptic obliquity = 23°50'28, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'30, Lahiri = -20°45'30 Julian Calendar 1 Nov. 1218 BCE == Greg. Calendar 21 Oct. 1218 BCE

The year -1217 astronomical counting style corresponds to year 1218 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1218 BCE
geocentric

DECEMBER 1218 BCE (-1217) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 52 26	28♏28'04	1♐34	11♏43	5♐41	19♒ 0	24♑40	19♑22	26♍53	14°R23	23♎13	20°R24	19♉53	11♊34	n.a.	S 1
M 2	3 56 23	29°29'22	16°47	13°11	6°56	19°38	24°51	19°27	26°55	14♊22	23°15	20♉23	19°50	11°41	n.a.	M 2
T 3	4 0 19	0♐30'39	1♑53	14°40	8°11	20°16	25° 2	19°33	26°58	14°20	23°17	20°22	19°47	11°47	n.a.	T 3
W 4	4 4 16	1°31'55	16°43	16° 9	9°27	20°55	25°13	19°39	27° 0	14°18	23°19	20°21	19°43	11°54	n.a.	W 4
T 5	4 8 12	2°33'11	1♒12	17°39	10°42	21°33	25°25	19°44	27° 2	14°17	23°21	20°19	19°40	12° 1	n.a.	T 5
F 6	4 12 9	3°34'25	15°15	19° 9	11°57	22°11	25°36	19°50	27° 4	14°15	23°23	20°18	19°37	12° 7	n.a.	F 6
S 7	4 16 5	4°35'39	28°51	20°40	13°12	22°50	25°47	19°56	27° 6	14°13	23°25	20°D18	19°34	12°14	n.a.	S 7
S 8	4 20 2	5°36'52	12♓ 2	22°12	14°28	23°28	25°59	20° 2	27° 8	14°12	23°27	20°18	19°31	12°21	n.a.	S 8
M 9	4 23 58	6°38'04	24°51	23°44	15°43	24° 7	26°11	20° 8	27°10	14°10	23°29	20°18	19°27	12°27	n.a.	M 9
T 10	4 27 55	7°39'14	7♈21	25°16	16°58	24°45	26°23	20°14	27°12	14° 8	23°31	20°20	19°24	12°34	n.a.	T 10
W11	4 31 52	8°40'24	19°37	26°49	18°13	25°23	26°35	20°20	27°13	14° 7	23°33	20°21	19°21	12°41	n.a.	W11
T 12	4 35 48	9°41'33	1♉40	28°22	19°29	26° 2	26°46	20°27	27°15	14° 5	23°34	20°23	19°18	12°47	n.a.	T 12
F 13	4 39 45	10°42'41	13°36	29°56	20°44	26°41	26°59	20°33	27°17	14° 3	23°36	20°24	19°15	12°54	n.a.	F 13
S 14	4 43 41	11°43'47	25°27	1♐31	21°59	27°19	27°11	20°39	27°19	14° 2	23°38	20°R24	19°12	13° 1	n.a.	S 14
S 15	4 47 38	12°44'53	7♊16	3° 6	23°14	27°58	27°23	20°45	27°20	14° 0	23°40	20°23	19° 8	13° 7	n.a.	S 15
M16	4 51 34	13°45'58	19° 5	4°42	24°29	28°36	27°35	20°52	27°22	13°58	23°41	20°20	19° 5	13°14	n.a.	M16
T 17	4 55 31	14°47'02	0♋55	6°18	25°44	29°15	27°48	20°58	27°23	13°57	23°43	20°17	19° 2	13°21	n.a.	T 17
W18	4 59 28	15°48'05	12°49	7°55	26°59	29°54	28° 0	21° 5	27°25	13°55	23°45	20°13	18°59	13°27	n.a.	W18
T 19	5 3 24	16°49'07	24°49	9°32	28°15	0♓32	28°13	21°11	27°26	13°53	23°46	20° 8	18°56	13°34	n.a.	T 19
F 20	5 7 21	17°50'08	6♌56	11°10	29°30	1°11	28°25	21°18	27°27	13°51	23°48	20° 3	18°53	13°41	n.a.	F 20
S 21	5 11 17	18°51'08	19°15	12°49	0♑45	1°50	28°38	21°25	27°29	13°50	23°50	19°59	18°49	13°47	n.a.	S 21
S 22	5 15 14	19°52'08	1♍47	14°29	2° 0	2°28	28°51	21°31	27°30	13°48	23°51	19°56	18°46	13°54	n.a.	S 22
M23	5 19 10	20°53'06	14°36	16° 9	3°15	3° 7	29° 4	21°38	27°31	13°46	23°53	19°55	18°43	14° 1	n.a.	M23
T 24	5 23 7	21°54'03	27°45	17°50	4°30	3°46	29°16	21°45	27°32	13°45	23°54	19°D55	18°40	14° 7	n.a.	T 24
W25	5 27 3	22°54'59	11♎17	19°31	5°45	4°25	29°29	21°52	27°33	13°43	23°56	19°56	18°37	14°14	n.a.	W25
T 26	5 31 0	23°55'55	25°15	21°13	7° 0	5° 3	29°42	21°58	27°34	13°41	23°57	19°57	18°33	14°21	n.a.	T 26
F 27	5 34 57	24°56'49	9♏38	22°56	8°15	5°42	29°56	22° 5	27°35	13°40	23°58	19°59	18°30	14°27	n.a.	F 27
S 28	5 38 53	25°57'42	24°24	24°40	9°30	6°21	0♒ 9	22°12	27°36	13°38	24° 0	19°R59	18°27	14°34	n.a.	S 28
S 29	5 42 50	26°58'34	9♐27	26°25	10°45	7° 0	0°22	22°19	27°37	13°36	24° 1	19°57	18°24	14°41	n.a.	S 29
M30	5 46 46	27°59'25	24°41	28°10	12° 0	7°39	0°35	22°26	27°38	13°35	24° 3	19°54	18°21	14°47	n.a.	M30
T 31	5 50 43	29♐ 0'15	9♑54	29♐56	13♑15	8♓18	0♒49	22♑33	27♍39	13♊33	24♎ 4	19♉49	18♉18	14♊54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	20s 9	21s50	1s 2	15s19	0n18	22s16	0s40	16s15	0s55	22s39	1s 7	23s34	1s10	1n53	0n41	22n 6	0s49	2n 4	12n 7	18n 9	18n 0	24n26			n.a.
M 2	20 23	25 31	2 21	15 54	0 11	22 31	0 42	16 2	0 54	22 37	1 7	23 34	1 10	1 52	0 41	22 5	0 49	2 4	12 7	18 9	17 59	24 28			n.a.
T 3	20 36	27 20	3 31	16 27	0 3	22 46	0 44	15 48	0 52	22 35	1 7	23 33	1 10	1 52	0 41	22 5	0 49	2 3	12 7	18 8	17 59	24 30			n.a.
W 4	20 49	27 9	4 24	17 1	0s 4	23 0	0 46	15 34	0 51	22 33	1 7	23 32	1 10	1 51	0 41	22 5	0 49	2 2	12 7	18 8	17 58	24 31			n.a.
T 5	21 1	25 5	5 0	17 33	0 11	23 13	0 48	15 20	0 50	22 31	1 7	23 31	1 10	1 50	0 42	22 5	0 49	2 2	12 7	18 8	17 57	24 33			n.a.
F 6	21 13	21 33	5 16	18 5	0 18	23 26	0 50	15 6	0 48	22 28	1 7	23 30	1 10	1 49	0 42	22 5	0 49	2 1	12 8	18 7	17 56	24 35			n.a.
S 7	21 25	16 57	5 14	18 37	0 24	23 38	0 52	14 52	0 47	22 26	1 7	23 29	1 10	1 48	0 42	22 4	0 49	2 1	12 8	18 7	17 55	24 36			n.a.
S 8	21 36	11 41	4 55	19 7	0 31	23 49	0 54	14 38	0 46	22 24	1 7	23 28	1 10	1 48	0 42	22 4	0 49	2 0	12 8	18 7	17 54	24 38			n.a.
M 9	21 47	6 4	4 21	19 37	0 37	23 59	0 56	14 24	0 44	22 22	1 7	23 27	1 10	1 47	0 42	22 4	0 49	2 0	12 8	18 7	17 53	24 40			n.a.
T 10	21 57	0 20	3 36	20 6	0 44	24 9	0 58	14 10	0 43	22 19	1 7	23 26	1 10	1 46	0 42	22 4	0 49	1 59	12 8	18 8	17 52	24 42			n.a.
W11	22 7	5n18	2 42	20 35	0 50	24 18	1 0	13 55	0 42	22 17	1 7	23 25	1 10	1 45	0 42	22 4	0 49	1 59	12 9	18 8	17 52	24 43			n.a.
T 12	22 17	10 40	1 42	21 2	0 56	24 26	1 2	13 41	0 40	22 14	1 6	23 25	1 10	1 45	0 42	22 3	0 49	1 58	12 9	18 8	17 51	24 45			n.a.
F 13	22 26	15 36	0 37	21 29	1 2	24 34	1 3	13 26	0 39	22 12	1 6	23 24	1 10	1 44	0 42	22 3	0 49	1 58	12 9	18 9	17 50	24 47			n.a.
S 14	22 34	19 54	0n28	21 54	1 7	24 41	1 5	13 12	0 38	22 9	1 6	23 23	1 10	1 43	0 42	22 3	0 49	1 58	12 9	18 9	17 49	24 48			n.a.
S 15	22 42	23 24	1 32	22 19	1 13	24 46	1 7	12 57	0 36	22 7	1 6	23 22	1 10	1 43	0 42	22 3	0 49	1 57	12 9	18 8	17 48	24 50			n.a.
M16	22 50	25 54	2 32	22 42	1 18	24 52	1 8	12 42	0 35	22 4	1 6	23 21	1 10	1 42	0 42	22 3	0 49	1 57	12 10	18 8	17 47	24 52			n.a.
T 17	22 57	27 15	3 25	23 5	1 23	24 56	1 10	12 27	0 34	22 2	1 6	23 20	1 10	1 42	0 42	22 2	0 49	1 56	12 10	18 7	17 46	24 53			n.a.
W18	23 4	27 21	4 9	23 26	1 27	25 0	1 11	12 12	0 33	21 59	1 6	23 19	1 10	1 41	0 42	22 2	0 49	1 56	12 10	18 6	17 45	24 55			n.a.
T 19	23 11	26 10	4 43	23 46	1 32	25 3	1 13	11 57	0 31	21 57	1 6	23 18	1 10	1 41	0 42	22 2	0 49	1 56	12 10	18 4	17 44	24 57			n.a.
F 20	23 16	23 46	5 5	24 4	1 36	25 5	1 14	11 42	0 30	21 54	1 6	23 16	1 10	1 40	0 42	22 2	0 49	1 55	12 11	18 3	17 44	24 58			n.a.
S 21	23 22	20 15	5 13	24 22	1 40	25 6	1 16	11 27	0 29	21 51	1 6	23 15	1 10	1 40	0 42	22 2	0 49	1 55	12 11	18 2	17 43	25 0			n.a.
S 22	23 27	15 47	5 7	24 38	1 43	25 6	1 17	11 12	0 28	21 48	1 6	23 14	1 10	1 39	0 42	22 2	0 49	1 55	12 11	18 1	17 42	25 1			n.a.
M23	23 31	10 32	4 45	24 52	1 47	25 6	1 18	10 57	0 27	21 46	1 6	23 13	1 10	1 39	0 42	22 1	0 49	1 54	12 11	18 1	17 41	25 3			n.a.
T 24	23 35	4 41	4 8	25 5	1 50	25 5	1 19	10 41	0 26	21 43	1 6	23 12	1 10	1 38	0 42	22 1	0 49	1 54	12 12	18 1	17 40	25 5			n.a.
W25	23 39	1s32	3 16	25 17	1 52	25 3	1 21	10 26	0 24	21 40	1 6	23 11	1 10	1 38	0 42	22 1	0 49	1 54	12 12	18 1	17 39	25 6			n.a.
T 26	23 42	7 54	2 11	25 27	1 54	25 1	1 22	10 10	0 23	21 37	1 6	23 10	1 10	1 37	0 42	22 1	0 49	1 53	12 12	18 1	17 38	25 8			n.a.
F 27	23 45	14 3	0 56	25 35	1 56	24 57	1 23	9 55	0 22	21 34	1 6	23 9	1 10	1 37	0 42	22 1	0 49	1 53	12 13	18 2	17 37	25 9			n.a.
S 28	23 47	19 34	0s24	25 42	1 58	24 53	1 24	9 39	0 21	21 32	1 6	23 8	1 10	1 37	0 42	22 0	0 49	1 53	12 13	18 2	17 36	25 11			n.a.
S 29	23 48	23 57	1 44	25 46	1 59	24 48	1 25	9 24	0 20	21 29	1 6	23 7	1 10	1 36	0 42	22 0	0 49	1 53	12 13	18 2	17 36	25 13			n.a.
M30	23 50	26 41	2 58	25 49	2 0	24 42	1 25	9 8	0 19	21 26	1 5	23 5	1 10	1 36	0 42	22 0	0 49	1 52	12 13	18 1	17 35	25 14			n.a.
T 31	23s50	27s25	3s58	25s50	2s 0	24s36	1s26	8s52	0s18	21s23	1s 5	23s 4	1s10	1n36	0n42	22n 0	0s49	1n52	12n14	17n59	17n34	25n16			n.a.

Julian Day Number = 1276882.5, Delta T = 08h11m51s
Ecliptic obliquity = 23°50'27, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'26, Lahiri = -20°45'25 Julian Calendar 1 Dec. 1218 BCE == Greg. Calendar 20 Nov. 1218 BCE

The year -1217 astronomical counting style corresponds to year 1218 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1217 BCE
geocentric

JANUARY 1217 BCE (-1216) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 54 39	0♉ 1'02	24♉57	1♉42	14♉29	8♓56	1♒ 2	22♉40	27♍39	13°R32	24♎ 5	19°R43	18♋14	15♊ 0	n.a.	W 1
T 2	5 58 36	1° 1'48	9♒40	3°30	15°44	9°35	1°15	22°47	27°40	13♊30	24° 6	19♋36	18°11	15° 7	n.a.	T 2
F 3	6 2 33	2° 2'33	23°57	5°18	16°59	10°14	1°29	22°54	27°41	13°28	24° 8	19°30	18° 8	15°14	n.a.	F 3
S 4	6 6 29	3° 3'15	7♓45	7° 7	18°14	10°53	1°43	23° 1	27°41	13°27	24° 9	19°26	18° 5	15°20	n.a.	S 4
S 5	6 10 26	4° 3'56	21° 3	8°56	19°29	11°32	1°56	23° 9	27°42	13°25	24°10	19°23	18° 2	15°27	n.a.	S 5
M 6	6 14 22	5° 4'34	3♈55	10°46	20°44	12°11	2°10	23°16	27°42	13°24	24°11	19°D22	17°59	15°34	n.a.	M 6
T 7	6 18 19	6° 5'11	16°24	12°36	21°58	12°50	2°23	23°23	27°42	13°22	24°12	19°22	17°55	15°40	n.a.	T 7
W 8	6 22 15	7° 5'45	28°36	14°26	23°13	13°29	2°37	23°30	27°43	13°21	24°13	19°24	17°52	15°47	n.a.	W 8
T 9	6 26 12	8° 6'18	10♉34	16°17	24°28	14° 7	2°51	23°37	27°43	13°19	24°14	19°25	17°49	15°54	n.a.	T 9
F 10	6 30 8	9° 6'49	22°25	18° 8	25°42	14°46	3° 5	23°45	27°43	13°18	24°15	19°R25	17°46	16° 0	n.a.	F 10
S 11	6 34 5	10° 7'18	4♊12	19°58	26°57	15°25	3°19	23°52	27°43	13°16	24°16	19°24	17°43	16° 7	n.a.	S 11
S 12	6 38 2	11° 7'45	16° 0	21°49	28°12	16° 4	3°33	23°59	27°43	13°15	24°17	19°20	17°39	16°14	n.a.	S 12
M13	6 41 58	12° 8'10	27°50	23°38	29°26	16°43	3°47	24° 7	27°R43	13°13	24°18	19°14	17°36	16°20	n.a.	M13
T 14	6 45 55	13° 8'33	9♋45	25°27	0♒41	17°22	4° 1	24°14	27°43	13°12	24°19	19° 6	17°33	16°27	n.a.	T 14
W15	6 49 51	14° 8'55	21°48	27°15	1°55	18° 1	4°15	24°21	27°43	13°10	24°19	18°56	17°30	16°34	n.a.	W15
T 16	6 53 48	15° 9'14	3♌59	29° 1	3°10	18°40	4°29	24°29	27°43	13° 9	24°20	18°45	17°27	16°40	n.a.	T 16
F 17	6 57 44	16° 9'32	16°18	0♒45	4°24	19°18	4°43	24°36	27°43	13° 8	24°21	18°34	17°24	16°47	n.a.	F 17
S 18	7 1 41	17° 9'48	28°48	2°26	5°39	19°57	4°57	24°43	27°43	13° 6	24°22	18°24	17°20	16°54	n.a.	S 18
S 19	7 5 37	18°10'02	11♍29	4° 4	6°53	20°36	5°11	24°51	27°42	13° 5	24°22	18°16	17°17	17° 0	n.a.	S 19
M20	7 9 34	19°10'14	24°24	5°39	8° 8	21°15	5°25	24°58	27°42	13° 4	24°23	18°11	17°14	17° 7	n.a.	M20
T 21	7 13 31	20°10'25	7♎33	7°10	9°22	21°54	5°39	25° 6	27°42	13° 2	24°24	18° 8	17°11	17°14	n.a.	T 21
W22	7 17 27	21°10'34	21° 0	8°35	10°36	22°33	5°53	25°13	27°41	13° 1	24°24	18°D 7	17° 8	17°20	n.a.	W22
T 23	7 21 24	22°10'41	4♏46	9°56	11°51	23°12	6° 8	25°20	27°41	13° 0	24°25	18° 8	17° 5	17°27	n.a.	T 23
F 24	7 25 20	23°10'47	18°52	11°11	13° 5	23°50	6°22	25°28	27°40	12°59	24°25	18°R 8	17° 1	17°34	n.a.	F 24
S 25	7 29 17	24°10'51	3♐19	12°19	14°19	24°29	6°36	25°35	27°39	12°57	24°26	18° 7	16°58	17°40	n.a.	S 25
S 26	7 33 13	25°10'53	18° 3	13°20	15°33	25° 8	6°51	25°43	27°39	12°56	24°26	18° 4	16°55	17°47	n.a.	S 26
M27	7 37 10	26°10'54	2♑59	14°13	16°48	25°47	7° 5	25°50	27°38	12°55	24°26	17°58	16°52	17°54	n.a.	M27
T 28	7 41 6	27°10'52	18° 0	14°59	18° 2	26°26	7°19	25°58	27°37	12°54	24°27	17°50	16°49	18° 0	n.a.	T 28
W29	7 45 3	28°10'49	2♒57	15°36	19°16	27° 5	7°34	26° 5	27°36	12°53	24°27	17°39	16°45	18° 7	n.a.	W29
T 30	7 49 0	29°10'43	17°39	16° 4	20°30	27°44	7°48	26°13	27°36	12°52	24°27	17°28	16°42	18°14	n.a.	T 30
F 31	7 52 56	0♒10'35	1♓59	16♒24	21♒44	28♓22	8♒ 2	26♉20	27♍35	12♊51	24♎28	17♋18	16♋39	18♊20	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23s50	26s 7	4s42	25s50	2s 0	24s29	1s27	8s37	0s17	21s20	1s 5	23s 3	1s10	1n36	0n42	22n 0	0s49	1n52	12n14	17n58	17n33	25n17			n.a.
T 2	23 50	23 1	5 5	25 47	1 59	24 21	1 28	8 21	0 16	21 17	1 5	23 2	1 10	1 35	0 42	21 59	0 49	1 52	12 14	17 56	17 32	25 19			n.a.
F 3	23 49	18 36	5 9	25 42	1 58	24 12	1 28	8 5	0 15	21 13	1 5	23 1	1 10	1 35	0 42	21 59	0 49	1 52	12 15	17 54	17 31	25 20			n.a.
S 4	23 48	13 20	4 54	25 35	1 56	24 2	1 29	7 49	0 14	21 10	1 5	23 0	1 10	1 35	0 43	21 59	0 49	1 52	12 15	17 53	17 30	25 22			n.a.
S 5	23 47	7 38	4 24	25 26	1 54	23 52	1 29	7 33	0 13	21 7	1 5	22 58	1 10	1 35	0 43	21 59	0 49	1 51	12 15	17 52	17 29	25 23			n.a.
M 6	23 44	1 47	3 41	25 15	1 51	23 41	1 30	7 17	0 12	21 4	1 5	22 57	1 10	1 35	0 43	21 59	0 49	1 51	12 15	17 52	17 28	25 25			n.a.
T 7	23 42	3n58	2 49	25 1	1 48	23 30	1 30	7 1	0 11	21 1	1 5	22 56	1 10	1 35	0 43	21 59	0 49	1 51	12 16	17 52	17 27	25 27			n.a.
W 8	23 39	9 26	1 50	24 46	1 44	23 17	1 30	6 45	0 10	20 58	1 5	22 55	1 10	1 35	0 43	21 58	0 49	1 51	12 16	17 52	17 27	25 28			n.a.
T 9	23 35	14 29	0 48	24 28	1 39	23 4	1 31	6 29	0 9	20 54	1 5	22 54	1 10	1 34	0 43	21 58	0 49	1 51	12 16	17 53	17 26	25 30			n.a.
F 10	23 31	18 57	0n16	24 8	1 33	22 50	1 31	6 13	0 8	20 51	1 5	22 52	1 11	1 34	0 43	21 58	0 49	1 51	12 17	17 53	17 25	25 31			n.a.
S 11	23 27	22 38	1 19	23 46	1 27	22 36	1 31	5 57	0 7	20 48	1 5	22 51	1 11	1 34	0 43	21 58	0 49	1 51	12 17	17 52	17 24	25 33			n.a.
S 12	23 22	25 23	2 18	23 22	1 20	22 21	1 31	5 40	0 6	20 45	1 5	22 50	1 11	1 34	0 43	21 58	0 49	1 51	12 17	17 51	17 23	25 34			n.a.
M13	23 17	27 1	3 11	22 56	1 13	22 5	1 31	5 24	0 5	20 41	1 5	22 49	1 11	1 34	0 43	21 58	0 49	1 51	12 18	17 50	17 22	25 36			n.a.
T 14	23 11	27 24	3 57	22 28	1 5	21 49	1 31	5 8	0 4	20 38	1 5	22 47	1 11	1 34	0 43	21 57	0 49	1 51	12 18	17 47	17 21	25 37			n.a.
W15	23 4	26 30	4 32	21 58	0 56	21 32	1 30	4 52	0 3	20 34	1 5	22 46	1 11	1 35	0 43	21 57	0 49	1 51	12 18	17 45	17 20	25 38			n.a.
T 16	22 58	24 21	4 55	21 27	0 46	21 14	1 30	4 35	0 2	20 31	1 5	22 45	1 11	1 35	0 43	21 57	0 49	1 51	12 19	17 41	17 19	25 40			n.a.
F 17	22 51	21 2	5 4	20 54	0 35	20 56	1 30	4 19	0 1	20 28	1 5	22 43	1 11	1 35	0 43	21 57	0 49	1 51	12 19	17 38	17 18	25 41			n.a.
S 18	22 43	16 45	4 59	20 20	0 24	20 37	1 29	4 3	0 0	20 24	1 5	22 42	1 11	1 35	0 43	21 57	0 49	1 51	12 19	17 36	17 18	25 43			n.a.
S 19	22 35	11 40	4 40	19 45	0 12	20 18	1 29	3 46	0n 1	20 21	1 5	22 41	1 11	1 35	0 43	21 57	0 49	1 51	12 20	17 33	17 17	25 44			n.a.
M20	22 27	6 1	4 6	19 10	0n 1	19 58	1 28	3 30	0 1	20 17	1 5	22 39	1 11	1 35	0 43	21 57	0 49	1 51	12 20	17 32	17 16	25 46			n.a.
T 21	22 18	0s 1	3 19	18 34	0 14	19 37	1 28	3 14	0 2	20 14	1 5	22 38	1 11	1 35	0 43	21 56	0 49	1 51	12 20	17 31	17 15	25 47			n.a.
W22	22 9	6 11	2 19	17 58	0 28	19 16	1 27	2 57	0 3	20 10	1 5	22 37	1 11	1 36	0 43	21 56	0 49	1 51	12 21	17 31	17 14	25 49			n.a.
T 23	21 59	12 13	1 11	17 23	0 42	18 54	1 26	2 41	0 4	20 6	1 5	22 36	1 11	1 36	0 43	21 56	0 48	1 52	12 21	17 31	17 13	25 50			n.a.
F 24	21 49	17 47	0s 4	16 48	0 57	18 32	1 26	2 25	0 5	20 3	1 5	22 34	1 11	1 36	0 43	21 56	0 48	1 52	12 21	17 31	17 12	25 51			n.a.
S 25	21 38	22 29	1 20	16 15	1 12	18 9	1 25	2 8	0 6	19 59	1 5	22 33	1 11	1 36	0 43	21 56	0 48	1 52	12 22	17 31	17 11	25 53			n.a.
S 26	21 27	25 49	2 32	15 43	1 27	17 46	1 24	1 52	0 7	19 55	1 5	22 31	1 11	1 37	0 43	21 56	0 48	1 52	12 22	17 30	17 10	25 54			n.a.
M27	21 16	27 23	3 35	15 13	1 42	17 23	1 23	1 35	0 7	19 52	1 5	22 30	1 11	1 37	0 43	21 56	0 48	1 52	12 22	17 28	17 9	25 56			n.a.
T 28	21 4	26 56	4 23	14 45	1 57	16 59	1 22	1 19	0 8	19 48	1 5	22 29	1 12	1 37	0 43	21 56	0 48	1 52	12 23	17 26	17 8	25 57			n.a.
W29	20 52	24 34	4 52	14 20	2 12	16 34	1 21	1 3	0 9	19 44	1 5	22 27	1 12	1 38	0 43	21 56	0 48	1 53	12 23	17 23	17 7	25 58			n.a.
T 30	20 40	20 35	5 2	13 57	2 26	16 9	1 19	0 46	0 10	19 41	1 5	22 26	1 12	1 38	0 43	21 55	0 48	1 53	12 23	17 20	17 7	26 0			n.a.
F 31	20s27	15s28	4s52	13s38	2n40	15s44	1s18	0s30	0n11	19s37	1s 5	22s25	1s12	1n38	0n43	21n55	0s48	1n53	12n24	17n17	17n 6	26n 1			n.a.

Julian Day Number = 1276913.5, Delta T = 08h11m50s
Ecliptic obliquity = 23°50'27, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'22, Lahiri = -20°45'21 Julian Calendar 1 Jan. 1217 BCE == Greg. Calendar 21 Dec. 1218 BCE

The year -1216 astronomical counting style corresponds to year 1217 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1217 BCE
geocentric

FEBRUARY 1217 BCE (-1216) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 56 53	1♒10'25	15♓53	16♒35	22♒58	29♓ 1	8♒17	26♑27	27°R34	12°R50	24♎28	17°R 9	16♉36	18♊27	n.a.	S 1
S 2	8 0 49	2°10'12	29°17	16°R37	24°12	29°40	8°31	26°35	27♍33	12♊49	24°28	17♉ 2	16°33	18°34	n.a.	S 2
M 3	8 4 46	3° 9'57	12♈15	16°30	25°26	0♈19	8°46	26°42	27°32	12°48	24°28	16°58	16°30	18°40	n.a.	M 3
T 4	8 8 42	4° 9'39	24°48	16°15	26°40	0°58	9° 0	26°50	27°30	12°47	24°28	16°56	16°26	18°47	n.a.	T 4
W 5	8 12 39	5° 9'19	7♉ 1	15°52	27°54	1°36	9°15	26°57	27°29	12°46	24°28	16°D56	16°23	18°54	n.a.	W 5
T 6	8 16 35	6° 8'57	19° 1	15°22	29° 8	2°15	9°29	27° 4	27°28	12°45	24°28	16°R56	16°20	19° 0	n.a.	T 6
F 7	8 20 32	7° 8'32	0♊51	14°45	0♓22	2°54	9°43	27°12	27°27	12°44	24°R28	16°55	16°17	19° 7	n.a.	F 7
S 8	8 24 28	8° 8'05	12°39	14° 3	1°36	3°33	9°58	27°19	27°25	12°43	24°28	16°53	16°14	19°14	n.a.	S 8
S 9	8 28 25	9° 7'36	24°27	13°16	2°49	4°11	10°12	27°27	27°24	12°42	24°28	16°48	16°11	19°20	n.a.	S 9
M10	8 32 22	10° 7'04	6♋21	12°25	4° 3	4°50	10°27	27°34	27°23	12°42	24°28	16°40	16° 7	19°27	n.a.	M10
T 11	8 36 18	11° 6'30	18°23	11°32	5°17	5°29	10°41	27°41	27°21	12°41	24°28	16°30	16° 4	19°34	n.a.	T 11
W12	8 40 15	12° 5'54	0♌36	10°37	6°30	6° 8	10°56	27°48	27°20	12°40	24°28	16°17	16° 1	19°40	n.a.	W12
T 13	8 44 11	13° 5'15	13° 0	9°43	7°44	6°46	11°10	27°56	27°18	12°40	24°28	16° 3	15°58	19°47	n.a.	T 13
F 14	8 48 8	14° 4'34	25°36	8°50	8°57	7°25	11°25	28° 3	27°17	12°39	24°28	15°49	15°55	19°54	n.a.	F 14
S 15	8 52 4	15° 3'51	8♍24	7°58	10°11	8° 4	11°39	28°10	27°15	12°38	24°27	15°37	15°51	20° 0	n.a.	S 15
S 16	8 56 1	16° 3'06	21°23	7°10	11°24	8°42	11°53	28°17	27°13	12°38	24°27	15°27	15°48	20° 7	n.a.	S 16
M17	8 59 57	17° 2'18	4♎33	6°25	12°37	9°21	12° 8	28°25	27°12	12°37	24°27	15°19	15°45	20°14	n.a.	M17
T 18	9 3 54	18° 1'29	17°54	5°45	13°51	10° 0	12°22	28°32	27°10	12°37	24°26	15°15	15°42	20°21	n.a.	T 18
W19	9 7 51	19° 0'38	1♏27	5° 9	15° 4	10°38	12°37	28°39	27° 8	12°36	24°26	15°13	15°39	20°27	n.a.	W19
T 20	9 11 47	19°59'45	15°13	4°39	16°17	11°17	12°51	28°46	27° 6	12°36	24°26	15°13	15°36	20°34	n.a.	T 20
F 21	9 15 44	20°58'50	29°12	4°15	17°31	11°55	13° 5	28°53	27° 4	12°35	24°25	15°13	15°32	20°41	n.a.	F 21
S 22	9 19 40	21°57'54	13♐24	3°56	18°44	12°34	13°20	29° 0	27° 3	12°35	24°25	15°12	15°29	20°47	n.a.	S 22
S 23	9 23 37	22°56'55	27°47	3°43	19°57	13°13	13°34	29° 7	27° 1	12°35	24°24	15° 8	15°26	20°54	n.a.	S 23
M24	9 27 33	23°55'55	12♑20	3°35	21°10	13°51	13°48	29°14	26°59	12°34	24°24	15° 2	15°23	21° 1	n.a.	M24
T 25	9 31 30	24°54'53	26°57	3°D33	22°23	14°30	14° 3	29°21	26°57	12°34	24°23	14°54	15°20	21° 7	n.a.	T 25
W26	9 35 26	25°53'48	11♒31	3°37	23°36	15° 8	14°17	29°28	26°55	12°34	24°22	14°43	15°17	21°14	n.a.	W26
T 27	9 39 23	26°52'42	25°55	3°45	24°49	15°47	14°31	29°35	26°53	12°33	24°22	14°31	15°13	21°21	n.a.	T 27
F 28	9 43 19	27°51'33	10♓ 3	3°59	26° 2	16°25	14°46	29°42	26°51	12°33	24°21	14°20	15°10	21°27	n.a.	F 28
S 29	9 47 16	28♒50'22	23♓49	4♒18	27♓14	17♈ 4	15♒ 0	29♑49	26♍48	12♊33	24♎20	14♉10	15♉ 7	21♊34	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s14	9s43	4s25	13s22	2n53	15s18	1s17	0s13	0n11	19s33	1s 5	22s23	1s12	1n39	0n43	21n55	0s48	1n53	12n24	17n14	17n 5	26n 2		n.a.
S 2	20 0	3 42	3 44	13 10	3 6	14 51	1 15	0n 3	0 12	19 29	1 5	22 22	1 12	1 39	0 43	21 55	0 48	1 53	12 24	17 12	17 4	26 4		n.a.
M 3	19 47	2n16	2 53	13 2	3 17	14 25	1 14	0 19	0 13	19 25	1 5	22 21	1 12	1 40	0 43	21 55	0 48	1 54	12 25	17 11	17 3	26 5		n.a.
T 4	19 32	7 59	1 55	12 57	3 27	13 58	1 12	0 36	0 14	19 22	1 6	22 19	1 12	1 40	0 44	21 55	0 48	1 54	12 25	17 11	17 2	26 6		n.a.
W 5	19 18	13 16	0 52	12 56	3 35	13 30	1 11	0 52	0 14	19 18	1 6	22 18	1 12	1 41	0 44	21 55	0 48	1 54	12 25	17 11	17 1	26 8		n.a.
T 6	19 3	17 56	0n11	12 58	3 42	13 3	1 9	1 8	0 15	19 14	1 6	22 16	1 12	1 41	0 44	21 55	0 48	1 55	12 26	17 11	17 0	26 9		n.a.
F 7	18 48	21 52	1 13	13 4	3 47	12 35	1 7	1 25	0 16	19 10	1 6	22 15	1 12	1 42	0 44	21 55	0 48	1 55	12 26	17 10	16 59	26 10		n.a.
S 8	18 32	24 52	2 12	13 13	3 50	12 6	1 6	1 41	0 17	19 6	1 6	22 14	1 12	1 42	0 44	21 55	0 48	1 55	12 26	17 10	16 58	26 12		n.a.
S 9	18 16	26 48	3 5	13 26	3 51	11 38	1 4	1 57	0 17	19 2	1 6	22 12	1 12	1 43	0 44	21 55	0 48	1 56	12 27	17 8	16 57	26 13		n.a.
M10	18 0	27 31	3 50	13 41	3 50	11 9	1 2	2 14	0 18	18 58	1 6	22 11	1 13	1 44	0 44	21 55	0 48	1 56	12 27	17 6	16 56	26 14		n.a.
T 11	17 44	26 56	4 25	13 58	3 48	10 40	1 0	2 30	0 19	18 54	1 6	22 10	1 13	1 44	0 44	21 54	0 48	1 56	12 27	17 3	16 55	26 15		n.a.
W12	17 27	25 3	4 49	14 17	3 43	10 10	0 58	2 46	0 19	18 50	1 6	22 8	1 13	1 45	0 44	21 54	0 48	1 57	12 28	16 59	16 54	26 17		n.a.
T 13	17 10	21 58	4 59	14 38	3 37	9 41	0 56	3 2	0 20	18 46	1 6	22 7	1 13	1 45	0 44	21 54	0 48	1 57	12 28	16 55	16 54	26 18		n.a.
F 14	16 53	17 49	4 55	15 0	3 29	9 11	0 54	3 18	0 21	18 42	1 6	22 5	1 13	1 46	0 44	21 54	0 48	1 57	12 28	16 51	16 53	26 19		n.a.
S 15	16 35	12 49	4 37	15 22	3 19	8 40	0 52	3 35	0 21	18 38	1 6	22 4	1 13	1 47	0 44	21 54	0 48	1 58	12 29	16 47	16 52	26 21		n.a.
S 16	16 17	7 11	4 4	15 45	3 9	8 10	0 50	3 51	0 22	18 34	1 6	22 3	1 13	1 47	0 44	21 54	0 48	1 58	12 29	16 44	16 51	26 22		n.a.
M17	15 59	1 10	3 17	16 8	2 57	7 40	0 47	4 7	0 23	18 30	1 6	22 1	1 13	1 48	0 44	21 54	0 48	1 59	12 29	16 42	16 50	26 23		n.a.
T 18	15 41	5s 0	2 19	16 30	2 44	7 9	0 45	4 23	0 23	18 26	1 6	22 0	1 13	1 49	0 44	21 54	0 48	1 59	12 30	16 41	16 49	26 24		n.a.
W19	15 22	11 3	1 12	16 52	2 30	6 38	0 43	4 39	0 24	18 22	1 6	21 58	1 13	1 50	0 44	21 54	0 48	1 59	12 30	16 40	16 48	26 26		n.a.
T 20	15 4	16 40	0s 0	17 13	2 16	6 7	0 40	4 55	0 25	18 18	1 6	21 57	1 14	1 50	0 44	21 54	0 48	2 0	12 30	16 40	16 47	26 27		n.a.
F 21	14 45	21 30	1 13	17 33	2 1	5 36	0 38	5 11	0 25	18 14	1 6	21 56	1 14	1 51	0 44	21 54	0 47	2 0	12 31	16 40	16 46	26 28		n.a.
S 22	14 25	25 9	2 23	17 52	1 46	5 4	0 35	5 26	0 26	18 10	1 7	21 54	1 14	1 52	0 44	21 54	0 47	2 1	12 31	16 40	16 45	26 29		n.a.
S 23	14 6	27 14	3 25	18 10	1 32	4 33	0 33	5 42	0 26	18 5	1 7	21 53	1 14	1 53	0 44	21 54	0 47	2 1	12 31	16 39	16 44	26 30		n.a.
M24	13 46	27 28	4 14	18 26	1 17	4 1	0 30	5 58	0 27	18 1	1 7	21 52	1 14	1 54	0 44	21 54	0 47	2 2	12 31	16 37	16 43	26 32		n.a.
T 25	13 26	25 48	4 46	18 41	1 2	3 29	0 27	6 14	0 28	17 57	1 7	21 50	1 14	1 54	0 44	21 54	0 47	2 2	12 32	16 35	16 42	26 33		n.a.
W26	13 6	22 25	5 0	18 54	0 47	2 58	0 25	6 30	0 28	17 53	1 7	21 49	1 14	1 55	0 44	21 54	0 47	2 3	12 32	16 31	16 41	26 34		n.a.
T 27	12 46	17 42	4 55	19 6	0 33	2 26	0 22	6 45	0 29	17 49	1 7	21 47	1 14	1 56	0 44	21 54	0 47	2 3	12 32	16 28	16 40	26 35		n.a.
F 28	12 25	12 6	4 31	19 16	0 19	1 54	0 19	7 1	0 29	17 45	1 7	21 46	1 15	1 57	0 44	21 54	0 47	2 4	12 33	16 24	16 39	26 36		n.a.
S 29	12s 4	6s 2	3s52	19s25	0n 6	1s22	0s17	7n16	0n30	17s41	1s 7	21s45	1s15	1n58	0n44	21n54	0s47	2n 4	12n33	16n21	16n39	26n37		n.a.

Julian Day Number = 1276944.5, Delta T = 08h11m48s
Ecliptic obliquity = 23°50'27, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'18, Lahiri = -20°45'17 Julian Calendar 1 Feb. 1217 BCE == Greg. Calendar 21 Jan. 1217 BCE

The year -1216 astronomical counting style corresponds to year 1217 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1217 BCE
geocentric

MARCH 1217 BCE (-1216) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 51 13	29♒49'09	7♈11	4♒42	28♓27	17♈43	15♒14	29♑56	26°R46	12°R33	24°R20	14°R 3	15♉ 4	21♊41	n.a.	S 1
M 2	9 55 9	0♓47'53	20° 9	5°10	29°40	18°21	15°28	0♒ 3	26♍44	12♊33	24♎19	13♉58	15° 1	21°47	n.a.	M 2
T 3	9 59 6	1°46'35	2♉43	5°42	0♈52	19° 0	15°42	0° 9	26°42	12°33	24°18	13°56	14°57	21°54	n.a.	T 3
W 4	10 3 2	2°45'15	14°59	6°19	2° 5	19°38	15°57	0°16	26°40	12°D33	24°17	13°D55	14°54	22° 1	n.a.	W 4
T 5	10 6 59	3°43'53	27° 1	6°59	3°18	20°16	16°11	0°23	26°37	12°33	24°16	13°56	14°51	22° 7	n.a.	T 5
F 6	10 10 55	4°42'28	8♊54	7°43	4°30	20°55	16°25	0°29	26°35	12°33	24°16	13°R56	14°48	22°14	n.a.	F 6
S 7	10 14 52	5°41'01	20°43	8°31	5°42	21°33	16°39	0°36	26°33	12°33	24°15	13°54	14°45	22°21	n.a.	S 7
S 8	10 18 48	6°39'31	2♋34	9°22	6°55	22°12	16°53	0°42	26°31	12°33	24°14	13°51	14°42	22°27	n.a.	S 8
M 9	10 22 45	7°38'00	14°31	10°16	8° 7	22°50	17° 7	0°49	26°28	12°33	24°13	13°46	14°38	22°34	n.a.	M 9
T 10	10 26 42	8°36'26	26°39	11°13	9°19	23°29	17°21	0°55	26°26	12°33	24°12	13°38	14°35	22°41	n.a.	T 10
W11	10 30 38	9°34'50	9♌ 0	12°13	10°31	24° 7	17°35	1° 2	26°23	12°34	24°11	13°28	14°32	22°47	n.a.	W11
T 12	10 34 35	10°33'11	21°37	13°16	11°44	24°45	17°48	1° 8	26°21	12°34	24°10	13°17	14°29	22°54	n.a.	T 12
F 13	10 38 31	11°31'31	4♍29	14°21	12°56	25°24	18° 2	1°14	26°19	12°34	24° 9	13° 6	14°26	23° 1	n.a.	F 13
S 14	10 42 28	12°29'49	17°36	15°29	14° 8	26° 2	18°16	1°21	26°16	12°34	24° 8	12°56	14°22	23° 7	n.a.	S 14
S 15	10 46 24	13°28'04	0♎57	16°40	15°19	26°41	18°30	1°27	26°14	12°35	24° 6	12°48	14°19	23°14	n.a.	S 15
M16	10 50 21	14°26'18	14°31	17°53	16°31	27°19	18°44	1°33	26°11	12°35	24° 5	12°42	14°16	23°21	n.a.	M16
T 17	10 54 17	15°24'30	28°14	19° 8	17°43	27°57	18°57	1°39	26° 9	12°35	24° 4	12°39	14°13	23°27	n.a.	T 17
W18	10 58 14	16°22'40	12♏ 5	20°25	18°55	28°35	19°11	1°45	26° 6	12°36	24° 3	12°D38	14°10	23°34	n.a.	W18
T 19	11 2 10	17°20'49	26° 3	21°45	20° 6	29°14	19°24	1°51	26° 4	12°36	24° 2	12°39	14° 7	23°41	n.a.	T 19
F 20	11 6 7	18°18'56	10♐ 7	23° 7	21°18	29°52	19°38	1°57	26° 1	12°37	24° 1	12°39	14° 3	23°47	n.a.	F 20
S 21	11 10 4	19°17'02	24°15	24°31	22°29	0♉30	19°51	2° 3	25°59	12°37	23°59	12°R40	14° 0	23°54	n.a.	S 21
S 22	11 14 0	20°15'06	8♑27	25°57	23°41	1° 9	20° 5	2° 9	25°56	12°38	23°58	12°38	13°57	24° 1	n.a.	S 22
M23	11 17 57	21°13'09	22°41	27°24	24°52	1°47	20°18	2°14	25°54	12°39	23°57	12°35	13°54	24° 7	n.a.	M23
T 24	11 21 53	22°11'10	6♒53	28°54	26° 3	2°25	20°32	2°20	25°51	12°39	23°55	12°29	13°51	24°14	n.a.	T 24
W25	11 25 50	23° 9'10	20°59	0♓26	27°15	3° 3	20°45	2°26	25°49	12°40	23°54	12°22	13°48	24°21	n.a.	W25
T 26	11 29 46	24° 7'08	4♓57	2° 0	28°26	3°42	20°58	2°31	25°46	12°41	23°53	12°14	13°44	24°27	n.a.	T 26
F 27	11 33 43	25° 5'04	18°41	3°36	29°37	4°20	21°11	2°37	25°44	12°41	23°51	12° 6	13°41	24°34	n.a.	F 27
S 28	11 37 39	26° 2'58	2♈ 8	5°14	0♉48	4°58	21°24	2°42	25°41	12°42	23°50	12° 0	13°38	24°41	n.a.	S 28
S 29	11 41 36	27° 0'51	15°16	6°53	1°59	5°36	21°37	2°48	25°39	12°43	23°49	11°55	13°35	24°48	n.a.	S 29
M30	11 45 32	27°58'42	28° 5	8°35	3°10	6°14	21°50	2°53	25°36	12°44	23°47	11°52	13°32	24°54	n.a.	M30
T 31	11 49 29	28♓56'32	10♉36	10♓18	4♉20	6♉53	22♒ 3	2♒58	25♍33	12♊45	23♎46	11°D51	13♉28	25♊ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11s43	0n 8	3s 2	19s32	0s 7	0s50	0s14	7n32	0n31	17s36	1s 7	21s43	1s15	1n59	0n44	21n54	0s47	2n 5	12n33	16n19	16n38	26n39			n.a.
M 2	11 22	6 7	2 3	19 37	0 20	0 18	0 11	7 47	0 31	17 32	1 7	21 42	1 15	2 0	0 44	21 54	0 47	2 5	12 33	16 18	16 37	26 40			n.a.
T 3	11 1	11 42	0 59	19 40	0 32	0n14	0 8	8 3	0 32	17 28	1 7	21 41	1 15	2 0	0 44	21 54	0 47	2 6	12 34	16 17	16 36	26 41			n.a.
W 4	10 40	16 42	0n 6	19 42	0 43	0 46	0 5	8 18	0 32	17 24	1 7	21 39	1 15	2 1	0 44	21 54	0 47	2 6	12 34	16 17	16 35	26 42			n.a.
T 5	10 18	20 56	1 9	19 43	0 54	1 18	0 2	8 33	0 33	17 20	1 8	21 38	1 15	2 2	0 44	21 54	0 47	2 7	12 34	16 17	16 34	26 43			n.a.
F 6	9 57	24 16	2 9	19 41	1 5	1 50	0n 1	8 49	0 33	17 15	1 8	21 37	1 15	2 3	0 44	21 54	0 47	2 7	12 34	16 17	16 33	26 44			n.a.
S 7	9 35	26 33	3 3	19 38	1 14	2 22	0 4	9 4	0 34	17 11	1 8	21 35	1 16	2 4	0 44	21 54	0 47	2 8	12 35	16 17	16 32	26 45			n.a.
S 8	9 13	27 38	3 49	19 33	1 24	2 53	0 7	9 19	0 35	17 7	1 8	21 34	1 16	2 5	0 44	21 54	0 47	2 8	12 35	16 16	16 31	26 46			n.a.
M 9	8 51	27 25	4 25	19 27	1 32	3 25	0 10	9 34	0 35	17 3	1 8	21 33	1 16	2 6	0 44	21 54	0 47	2 9	12 35	16 14	16 30	26 47			n.a.
T 10	8 29	25 55	4 50	19 18	1 40	3 57	0 13	9 49	0 36	16 58	1 8	21 31	1 16	2 7	0 44	21 55	0 47	2 10	12 35	16 12	16 29	26 49			n.a.
W11	8 6	23 9	5 2	19 9	1 48	4 29	0 16	10 4	0 36	16 54	1 8	21 30	1 16	2 8	0 44	21 55	0 47	2 10	12 36	16 9	16 28	26 50			n.a.
T 12	7 44	19 15	5 0	18 57	1 55	5 0	0 19	10 19	0 37	16 50	1 8	21 29	1 16	2 9	0 44	21 55	0 47	2 11	12 36	16 5	16 27	26 51			n.a.
F 13	7 22	14 24	4 43	18 44	2 1	5 31	0 22	10 33	0 37	16 46	1 8	21 28	1 16	2 10	0 44	21 55	0 47	2 11	12 36	16 2	16 26	26 52			n.a.
S 14	6 59	8 48	4 10	18 29	2 7	6 3	0 25	10 48	0 38	16 42	1 9	21 26	1 17	2 11	0 44	21 55	0 47	2 12	12 36	15 59	16 25	26 53			n.a.
S 15	6 36	2 43	3 23	18 12	2 12	6 34	0 28	11 3	0 38	16 37	1 9	21 25	1 17	2 12	0 44	21 55	0 47	2 12	12 36	15 56	16 24	26 54			n.a.
M16	6 14	3s36	2 24	17 54	2 17	7 5	0 31	11 17	0 39	16 33	1 9	21 24	1 17	2 13	0 44	21 55	0 47	2 13	12 37	15 55	16 23	26 55			n.a.
T 17	5 51	9 50	1 16	17 34	2 21	7 35	0 34	11 32	0 39	16 29	1 9	21 23	1 17	2 14	0 44	21 55	0 47	2 14	12 37	15 54	16 22	26 56			n.a.
W18	5 28	15 40	0 3	17 12	2 24	8 6	0 37	11 46	0 40	16 25	1 9	21 21	1 17	2 15	0 44	21 55	0 46	2 14	12 37	15 53	16 21	26 57			n.a.
T 19	5 5	20 45	1s11	16 49	2 27	8 37	0 40	12 0	0 40	16 21	1 9	21 20	1 17	2 16	0 44	21 55	0 46	2 15	12 37	15 53	16 20	26 58			n.a.
F 20	4 42	24 41	2 22	16 24	2 30	9 7	0 44	12 15	0 41	16 16	1 9	21 19	1 18	2 17	0 44	21 55	0 46	2 15	12 37	15 54	16 19	26 59			n.a.
S 21	4 19	27 7	3 24	15 57	2 31	9 37	0 47	12 29	0 41	16 12	1 9	21 18	1 18	2 18	0 44	21 55	0 46	2 16	12 38	15 54	16 18	27 0			n.a.
S 22	3 55	27 48	4 14	15 28	2 33	10 7	0 50	12 43	0 41	16 8	1 10	21 17	1 18	2 19	0 44	21 56	0 46	2 17	12 38	15 53	16 18	27 1			n.a.
M23	3 32	26 38	4 49	14 58	2 33	10 36	0 53	12 57	0 42	16 4	1 10	21 15	1 18	2 20	0 44	21 56	0 46	2 17	12 38	15 52	16 17	27 2			n.a.
T 24	3 9	23 47	5 5	14 26	2 33	11 5	0 56	13 11	0 42	16 0	1 10	21 14	1 18	2 21	0 44	21 56	0 46	2 18	12 38	15 51	16 16	27 3			n.a.
W25	2 46	19 31	5 3	13 53	2 33	11 35	0 59	13 24	0 43	15 55	1 10	21 13	1 18	2 22	0 44	21 56	0 46	2 19	12 38	15 48	16 15	27 4			n.a.
T 26	2 22	14 14	4 43	13 17	2 32	12 3	1 2	13 38	0 43	15 51	1 10	21 12	1 19	2 23	0 44	21 56	0 46	2 19	12 38	15 46	16 14	27 5			n.a.
F 27	1 59	8 20	4 7	12 41	2 30	12 32	1 5	13 52	0 44	15 47	1 10	21 11	1 19	2 24	0 44	21 56	0 46	2 20	12 38	15 43	16 13	27 6			n.a.
S 28	1 36	2 9	3 18	12 2	2 28	13 0	1 8	14 5	0 44	15 43	1 10	21 10	1 19	2 25	0 44	21 56	0 46	2 20	12 39	15 41	16 12	27 7			n.a.
S 29	1 12	3n59	2 19	11 22	2 25	13 28	1 11	14 19	0 45	15 39	1 11	21 9	1 19	2 26	0 44	21 56	0 46	2 21	12 39	15 40	16 11	27 8			n.a.
M30	0 49	9 49	1 14	10 40	2 22	13 56	1 14	14 32	0 45	15 35	1 11	21 8	1 19	2 27	0 44	21 57	0 46	2 22	12 39	15 39	16 10	27 9			n.a.
T 31	0s26	15n 8	0s 7	9s57	2s18	14n23	1n17	14n45	0n45	15s30	1s11	21s 7	1s19	2n28	0n44	21n57	0s46	2n22	12n39	15n39	16n 9	27n10			n.a.

Julian Day Number = 1276973.5, Delta T = 08h11m46s
Ecliptic obliquity = 23°50'28, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'14, Lahiri = -20°45'13 Julian Calendar 1 March 1217 BCE == Greg. Calendar 19 Feb. 1217 BCE

The year -1216 astronomical counting style corresponds to year 1217 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1217 BCE
geocentric

APRIL 1217 BCE (-1216) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 53 26	29♓54'19	22♉50	12♓ 4	5♉31	7♉31	22♒16	3♒ 3	25°R31	12♊45	23°R44	11♉51	13♉25	25♊ 8	n.a.	W 1
T 2	11 57 22	0♈52'05	4♊52	13°51	6°42	8° 9	22°29	3° 8	25♍28	12°46	23♎43	11°53	13°22	25°14	n.a.	T 2
F 3	12 1 19	1°49'50	16°46	15°41	7°52	8°47	22°42	3°13	25°26	12°47	23°41	11°54	13°19	25°21	n.a.	F 3
S 4	12 5 15	2°47'32	28°36	17°32	9° 2	9°25	22°54	3°18	25°23	12°48	23°40	11°R55	13°16	25°28	n.a.	S 4
S 5	12 9 12	3°45'13	10♋29	19°25	10°13	10° 3	23° 7	3°23	25°21	12°49	23°38	11°55	13°13	25°34	n.a.	S 5
M 6	12 13 8	4°42'52	22°28	21°20	11°23	10°41	23°20	3°28	25°18	12°50	23°37	11°53	13° 9	25°41	n.a.	M 6
T 7	12 17 5	5°40'29	4♌38	23°17	12°33	11°20	23°32	3°33	25°16	12°51	23°35	11°50	13° 6	25°48	n.a.	T 7
W 8	12 21 1	6°38'04	17° 4	25°16	13°43	11°58	23°44	3°38	25°13	12°52	23°34	11°46	13° 3	25°54	n.a.	W 8
T 9	12 24 58	7°35'38	29°47	27°16	14°53	12°36	23°57	3°42	25°11	12°54	23°32	11°40	13° 0	26° 1	n.a.	T 9
F 10	12 28 55	8°33'10	12♍51	29°19	16° 3	13°14	24° 9	3°47	25° 8	12°55	23°31	11°35	12°57	26° 8	n.a.	F 10
S 11	12 32 51	9°30'41	26°14	1♈23	17°13	13°52	24°21	3°51	25° 6	12°56	23°29	11°30	12°54	26°14	n.a.	S 11
S 12	12 36 48	10°28'10	9♎55	3°28	18°22	14°30	24°33	3°56	25° 4	12°57	23°28	11°26	12°50	26°21	n.a.	S 12
M13	12 40 44	11°25'38	23°52	5°35	19°32	15° 8	24°45	4° 0	25° 1	12°58	23°26	11°24	12°47	26°28	n.a.	M13
T 14	12 44 41	12°23'05	8♏ 1	7°44	20°41	15°46	24°57	4° 4	24°59	13° 0	23°24	11°D23	12°44	26°34	n.a.	T 14
W15	12 48 37	13°20'31	22°18	9°53	21°51	16°24	25° 9	4° 8	24°56	13° 1	23°23	11°23	12°41	26°41	n.a.	W15
T 16	12 52 34	14°17'56	6♐39	12° 3	23° 0	17° 2	25°21	4°12	24°54	13° 2	23°21	11°24	12°38	26°48	n.a.	T 16
F 17	12 56 30	15°15'20	20°59	14°14	24° 9	17°40	25°33	4°16	24°52	13° 3	23°20	11°25	12°34	26°54	n.a.	F 17
S 18	13 0 27	16°12'43	5♑17	16°25	25°18	18°18	25°44	4°20	24°49	13° 5	23°18	11°27	12°31	27° 1	n.a.	S 18
S 19	13 4 24	17°10'06	19°28	18°37	26°27	18°56	25°56	4°24	24°47	13° 6	23°16	11°R27	12°28	27° 8	n.a.	S 19
M20	13 8 20	18° 7'28	3♒32	20°48	27°36	19°34	26° 7	4°28	24°45	13° 8	23°15	11°26	12°25	27°15	n.a.	M20
T 21	13 12 17	19° 4'48	17°26	22°59	28°44	20°12	26°18	4°31	24°43	13° 9	23°13	11°24	12°22	27°21	n.a.	T 21
W22	13 16 13	20° 2'08	1♓10	25°10	29°53	20°50	26°30	4°35	24°40	13°11	23°11	11°22	12°19	27°28	n.a.	W22
T 23	13 20 10	20°59'28	14°41	27°19	1♊ 1	21°28	26°41	4°38	24°38	13°12	23°10	11°19	12°15	27°35	n.a.	T 23
F 24	13 24 6	21°56'46	27°59	29°27	2°10	22° 6	26°52	4°42	24°36	13°14	23° 8	11°16	12°12	27°41	n.a.	F 24
S 25	13 28 3	22°54'04	11♈ 2	1♉34	3°18	22°44	27° 3	4°45	24°34	13°15	23° 6	11°14	12° 9	27°48	n.a.	S 25
S 26	13 31 59	23°51'20	23°51	3°40	4°26	23°22	27°14	4°48	24°32	13°17	23° 5	11°12	12° 6	27°55	n.a.	S 26
M27	13 35 56	24°48'36	6♉25	5°43	5°34	24° 0	27°25	4°52	24°30	13°18	23° 3	11°D12	12° 3	28° 1	n.a.	M27
T 28	13 39 53	25°45'51	18°45	7°45	6°42	24°38	27°35	4°55	24°28	13°20	23° 2	11°12	11°59	28° 8	n.a.	T 28
W29	13 43 49	26°43'06	0♊54	9°45	7°50	25°16	27°46	4°58	24°26	13°22	23° 0	11°12	11°56	28°15	n.a.	W29
T 30	13 47 46	27♈40'19	12♊53	11♉42	8♊57	25♉54	27♒56	5♒ 0	24♍24	13♊23	22♎58	11♉14	11♉53	28♊21	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s 2	19n45	0n59	9s12	2s13	14n50	1n20	14n58	0n46	15s26	1s11	21s 5	1s20	2n29	0n44	21n57	0s46	2n23	12n39	15n39	16n 8	27n11		n.a.
T 2	0n21	23 28	2 2	8 25	2 8	15 16	1 23	15 11	0 46	15 22	1 11	21 4	1 20	2 30	0 44	21 57	0 46	2 23	12 39	15 39	16 7	27 11		n.a.
F 3	0 44	26 7	2 58	7 37	2 3	15 43	1 25	15 24	0 47	15 18	1 11	21 3	1 20	2 31	0 44	21 57	0 46	2 24	12 39	15 40	16 6	27 12		n.a.
S 4	1 8	27 37	3 47	6 47	1 57	16 8	1 28	15 37	0 47	15 14	1 12	21 2	1 20	2 32	0 44	21 57	0 46	2 25	12 39	15 40	16 5	27 13		n.a.
S 5	1 31	27 50	4 26	5 56	1 50	16 34	1 31	15 50	0 47	15 10	1 12	21 1	1 20	2 33	0 44	21 58	0 46	2 25	12 39	15 40	16 4	27 14		n.a.
M 6	1 54	26 45	4 54	5 4	1 43	16 59	1 34	16 2	0 48	15 6	1 12	21 0	1 20	2 34	0 44	21 58	0 46	2 26	12 39	15 39	16 3	27 15		n.a.
T 7	2 17	24 25	5 9	4 10	1 35	17 23	1 36	16 15	0 48	15 2	1 12	21 0	1 21	2 35	0 44	21 58	0 46	2 27	12 39	15 38	16 2	27 16		n.a.
W 8	2 41	20 53	5 10	3 14	1 27	17 48	1 39	16 27	0 49	14 58	1 12	20 59	1 21	2 36	0 44	21 58	0 46	2 27	12 39	15 37	16 1	27 17		n.a.
T 9	3 4	16 20	4 56	2 18	1 19	18 11	1 42	16 39	0 49	14 54	1 12	20 58	1 21	2 37	0 44	21 58	0 46	2 28	12 40	15 35	16 0	27 18		n.a.
F 10	3 27	10 56	4 26	1 20	1 10	18 35	1 44	16 51	0 49	14 50	1 13	20 57	1 21	2 38	0 44	21 58	0 46	2 28	12 40	15 34	15 59	27 18		n.a.
S 11	3 50	4 54	3 42	0 22	1 0	18 57	1 47	17 3	0 50	14 46	1 13	20 56	1 21	2 39	0 44	21 59	0 46	2 29	12 40	15 32	15 58	27 19		n.a.
S 12	4 13	1s30	2 44	0n38	0 51	19 20	1 49	17 15	0 50	14 42	1 13	20 55	1 22	2 40	0 44	21 59	0 46	2 30	12 40	15 31	15 57	27 20		n.a.
M13	4 36	7 57	1 34	1 38	0 41	19 42	1 52	17 27	0 51	14 38	1 13	20 54	1 22	2 41	0 44	21 59	0 46	2 30	12 40	15 30	15 56	27 21		n.a.
T 14	4 58	14 8	0 18	2 39	0 31	20 3	1 54	17 39	0 51	14 34	1 13	20 53	1 22	2 42	0 44	21 59	0 46	2 31	12 40	15 30	15 55	27 22		n.a.
W15	5 21	19 37	1s 0	3 40	0 20	20 24	1 56	17 50	0 51	14 30	1 14	20 53	1 22	2 43	0 44	21 59	0 45	2 31	12 40	15 30	15 54	27 23		n.a.
T 16	5 44	23 59	2 14	4 42	0 10	20 44	1 58	18 2	0 52	14 27	1 14	20 52	1 22	2 44	0 44	22 0	0 45	2 32	12 40	15 30	15 53	27 23		n.a.
F 17	6 6	26 52	3 20	5 43	0n 1	21 4	2 1	18 13	0 52	14 23	1 14	20 51	1 23	2 45	0 44	22 0	0 45	2 32	12 40	15 31	15 52	27 24		n.a.
S 18	6 29	27 58	4 14	6 44	0 11	21 23	2 3	18 24	0 52	14 19	1 14	20 50	1 23	2 46	0 44	22 0	0 45	2 33	12 40	15 31	15 51	27 25		n.a.
S 19	6 51	27 12	4 52	7 45	0 22	21 42	2 5	18 35	0 53	14 15	1 14	20 49	1 23	2 47	0 44	22 0	0 45	2 34	12 40	15 31	15 50	27 26		n.a.
M20	7 13	24 44	5 11	8 45	0 32	22 0	2 7	18 46	0 53	14 11	1 15	20 49	1 23	2 47	0 44	22 0	0 45	2 34	12 40	15 31	15 49	27 27		n.a.
T 21	7 36	20 49	5 13	9 44	0 42	22 18	2 9	18 57	0 53	14 8	1 15	20 48	1 23	2 48	0 44	22 1	0 45	2 35	12 39	15 30	15 48	27 27		n.a.
W22	7 58	15 50	4 56	10 42	0 52	22 35	2 10	19 7	0 54	14 4	1 15	20 47	1 24	2 49	0 44	22 1	0 45	2 35	12 39	15 30	15 47	27 28		n.a.
T 23	8 20	10 9	4 23	11 39	1 2	22 52	2 12	19 18	0 54	14 0	1 15	20 47	1 24	2 50	0 44	22 1	0 45	2 36	12 39	15 29	15 46	27 29		n.a.
F 24	8 41	4 7	3 36	12 34	1 11	23 7	2 14	19 28	0 54	13 57	1 15	20 46	1 24	2 51	0 44	22 1	0 45	2 36	12 39	15 28	15 45	27 30		n.a.
S 25	9 3	2n 1	2 39	13 27	1 19	23 23	2 15	19 39	0 55	13 53	1 16	20 45	1 24	2 52	0 44	22 1	0 45	2 37	12 39	15 27	15 44	27 30		n.a.
S 26	9 25	7 57	1 34	14 19	1 27	23 37	2 17	19 49	0 55	13 49	1 16	20 45	1 25	2 53	0 44	22 2	0 45	2 37	12 39	15 27	15 43	27 31		n.a.
M27	9 46	13 28	0 26	15 8	1 35	23 52	2 18	19 59	0 55	13 46	1 16	20 44	1 25	2 53	0 44	22 2	0 45	2 38	12 39	15 26	15 42	27 32		n.a.
T 28	10 7	18 22	0n42	15 55	1 41	24 5	2 20	20 9	0 56	13 42	1 16	20 44	1 25	2 54	0 44	22 2	0 45	2 38	12 39	15 26	15 41	27 33		n.a.
W29	10 28	22 25	1 47	16 40	1 48	24 18	2 21	20 18	0 56	13 39	1 17	20 43	1 25	2 55	0 44	22 2	0 45	2 39	12 39	15 27	15 40	27 33		n.a.
T 30	10n49	25n28	2n46	17n23	1n53	24n30	2n22	20n28	0n56	13s35	1s17	20s43	1s25	2n56	0n44	22n 3	0s45	2n39	12n39	15n27	15n39	27n34		n.a.

Julian Day Number = 1277004.5, Delta T = 08h11m45s
Ecliptic obliquity = 23°50'28, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'09, Lahiri = -20°45'09 Julian Calendar 1 Apr. 1217 BCE == Greg. Calendar 21 March 1217 BCE

The year -1216 astronomical counting style corresponds to year 1217 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1217 BCE
geocentric

MAY 1217 BCE (-1216) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 51 42	28♈37'31	24♊46	13♉37	10♊ 5	26♉32	28♒ 7	5♒ 3	24°R22	13♊25	22°R57	11♉15	11♉50	28♊28	n.a.	F 1
S 2	13 55 39	29°34'43	6♋36	15°30	11°12	27°10	28°17	5° 6	24♍20	13°27	22♎55	11°16	11°47	28°35	n.a.	S 2
S 3	13 59 35	0♉31'54	18°29	17°21	12°19	27°48	28°27	5° 8	24°18	13°28	22°53	11°17	11°44	28°41	n.a.	S 3
M 4	14 3 32	1°29'03	0♌27	19° 9	13°26	28°26	28°37	5°11	24°16	13°30	22°52	11°R17	11°40	28°48	n.a.	M 4
T 5	14 7 29	2°26'12	12°37	20°54	14°33	29° 4	28°47	5°13	24°14	13°32	22°50	11°17	11°37	28°55	n.a.	T 5
W 6	14 11 25	3°23'20	25° 3	22°37	15°39	29°42	28°57	5°16	24°12	13°34	22°49	11°16	11°34	29° 2	n.a.	W 6
T 7	14 15 22	4°20'27	7♍47	24°18	16°46	0♊20	29° 7	5°18	24°11	13°35	22°47	11°15	11°31	29° 8	n.a.	T 7
F 8	14 19 18	5°17'34	20°54	25°56	17°52	0°58	29°16	5°20	24° 9	13°37	22°45	11°15	11°28	29°15	n.a.	F 8
S 9	14 23 15	6°14'39	4♎24	27°32	18°58	1°35	29°26	5°22	24° 7	13°39	22°44	11°14	11°25	29°22	n.a.	S 9
S 10	14 27 11	7°11'44	18°18	29° 5	20° 4	2°13	29°35	5°24	24° 6	13°41	22°42	11°14	11°21	29°28	n.a.	S 10
M11	14 31 8	8° 8'49	2♏33	0♊35	21°10	2°51	29°44	5°26	24° 4	13°43	22°41	11°13	11°18	29°35	n.a.	M11
T 12	14 35 4	9° 5'53	17° 5	2° 3	22°16	3°29	29°53	5°27	24° 3	13°45	22°39	11°D13	11°15	29°42	n.a.	T 12
W13	14 39 1	10° 2'57	1♐47	3°29	23°21	4° 7	0♓ 2	5°29	24° 1	13°46	22°38	11°13	11°12	29°48	n.a.	W13
T 14	14 42 58	11° 0'01	16°34	4°52	24°26	4°45	0°11	5°30	24° 0	13°48	22°36	11°R13	11° 9	29°55	n.a.	T 14
F 15	14 46 54	11°57'05	1♑17	6°12	25°32	5°23	0°20	5°32	23°58	13°50	22°34	11°13	11° 5	0♋ 2	n.a.	F 15
S 16	14 50 51	12°54'09	15°52	7°29	26°36	6° 1	0°28	5°33	23°57	13°52	22°33	11°13	11° 2	0° 8	n.a.	S 16
S 17	14 54 47	13°51'13	0♒14	8°44	27°41	6°39	0°37	5°34	23°55	13°54	22°31	11°13	10°59	0°15	n.a.	S 17
M18	14 58 44	14°48'17	14°19	9°55	28°45	7°17	0°45	5°36	23°54	13°56	22°30	11°D13	10°56	0°22	n.a.	M18
T 19	15 2 40	15°45'21	28° 6	11° 4	29°50	7°55	0°53	5°37	23°53	13°58	22°29	11°13	10°53	0°28	n.a.	T 19
W20	15 6 37	16°42'26	11♓35	12°10	0♋54	8°32	1° 1	5°38	23°52	14° 0	22°27	11°14	10°50	0°35	n.a.	W20
T 21	15 10 34	17°39'30	24°47	13°13	1°57	9°10	1° 9	5°38	23°51	14° 2	22°26	11°14	10°46	0°42	n.a.	T 21
F 22	15 14 30	18°36'35	7♈43	14°13	3° 1	9°48	1°17	5°39	23°49	14° 4	22°24	11°15	10°43	0°49	n.a.	F 22
S 23	15 18 27	19°33'40	20°25	15°10	4° 4	10°26	1°25	5°40	23°48	14° 6	22°23	11°15	10°40	0°55	n.a.	S 23
S 24	15 22 23	20°30'45	2♉54	16° 3	5° 7	11° 4	1°32	5°40	23°47	14° 8	22°21	11°16	10°37	1° 2	n.a.	S 24
M25	15 26 20	21°27'51	15°12	16°53	6°10	11°42	1°40	5°41	23°46	14°11	22°20	11°R16	10°34	1° 9	n.a.	M25
T 26	15 30 16	22°24'56	27°20	17°39	7°13	12°20	1°47	5°41	23°45	14°13	22°19	11°16	10°31	1°15	n.a.	T 26
W27	15 34 13	23°22'02	9♊21	18°22	8°15	12°58	1°54	5°41	23°45	14°15	22°17	11°14	10°27	1°22	n.a.	W27
T 28	15 38 9	24°19'08	21°15	19° 1	9°17	13°36	2° 1	5°41	23°44	14°17	22°16	11°13	10°24	1°29	n.a.	T 28
F 29	15 42 6	25°16'14	3♋ 6	19°36	10°19	14°14	2° 8	5°R41	23°43	14°19	22°15	11°11	10°21	1°35	n.a.	F 29
S 30	15 46 3	26°13'20	14°56	20° 7	11°20	14°52	2°14	5°41	23°42	14°21	22°13	11° 9	10°18	1°42	n.a.	S 30
S 31	15 49 59	27♉10'26	26♋49	20♊34	12♋21	15♊30	2♓21	5♒41	23♍42	14♊23	22♎12	11♉ 7	10♉15	1♋49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	11n10	27n22	3n38	18n 4	1n58	24n41	2n23	20n37	0n56	13s32	1s17	20s42	1s26	2n57	0n44	22n 3	0s45	2n40	12n39	15n27	15n38	27n35		n.a.	F 1
S 2	11 31	28 1	4 21	18 42	2 2	24 52	2 24	20 46	0 57	13 28	1 17	20 42	1 26	2 57	0 44	22 3	0 45	2 40	12 38	15 28	15 37	27 35		n.a.	S 2
S 3	11 51	27 22	4 52	19 18	2 6	25 3	2 25	20 56	0 57	13 25	1 18	20 41	1 26	2 58	0 44	22 3	0 45	2 41	12 38	15 28	15 36	27 36		n.a.	S 3
M 4	12 11	25 27	5 11	19 51	2 8	25 12	2 26	21 4	0 57	13 22	1 18	20 41	1 26	2 59	0 44	22 4	0 45	2 41	12 38	15 28	15 35	27 37		n.a.	M 4
T 5	12 31	22 21	5 17	20 22	2 10	25 21	2 26	21 13	0 58	13 18	1 18	20 41	1 26	2 59	0 44	22 4	0 45	2 42	12 38	15 28	15 34	27 37		n.a.	T 5
W 6	12 51	18 12	5 8	20 51	2 12	25 29	2 27	21 22	0 58	13 15	1 18	20 40	1 27	3 0	0 44	22 4	0 45	2 42	12 38	15 28	15 33	27 38		n.a.	W 6
T 7	13 11	13 10	4 44	21 18	2 12	25 37	2 27	21 30	0 58	13 12	1 18	20 40	1 27	3 1	0 43	22 4	0 45	2 42	12 38	15 28	15 32	27 39		n.a.	T 7
F 8	13 30	7 24	4 4	21 42	2 12	25 44	2 28	21 39	0 58	13 9	1 19	20 40	1 27	3 1	0 43	22 5	0 45	2 43	12 38	15 27	15 31	27 39		n.a.	F 8
S 9	13 50	1 7	3 10	22 4	2 11	25 50	2 28	21 47	0 59	13 6	1 19	20 39	1 27	3 2	0 43	22 5	0 45	2 43	12 37	15 27	15 30	27 40		n.a.	S 9
S 10	14 9	5s23	2 4	22 24	2 10	25 55	2 28	21 55	0 59	13 3	1 19	20 39	1 28	3 3	0 43	22 5	0 45	2 44	12 37	15 27	15 29	27 41		n.a.	S 10
M11	14 27	11 49	0 48	22 42	2 8	26 0	2 28	22 3	0 59	12 59	1 19	20 39	1 28	3 3	0 43	22 5	0 45	2 44	12 37	15 27	15 28	27 41		n.a.	M11
T 12	14 46	17 44	0s32	22 57	2 5	26 4	2 28	22 11	0 59	12 56	1 20	20 39	1 28	3 4	0 43	22 6	0 45	2 44	12 37	15 27	15 27	27 42		n.a.	T 12
W13	15 4	22 41	1 52	23 11	2 1	26 8	2 28	22 18	1 0	12 53	1 20	20 38	1 28	3 5	0 43	22 6	0 45	2 45	12 37	15 27	15 26	27 42		n.a.	W13
T 14	15 23	26 12	3 4	23 23	1 57	26 11	2 27	22 26	1 0	12 51	1 20	20 38	1 29	3 5	0 43	22 6	0 45	2 45	12 36	15 27	15 25	27 43		n.a.	T 14
F 15	15 41	27 53	4 3	23 33	1 52	26 13	2 27	22 33	1 0	12 48	1 21	20 38	1 29	3 6	0 43	22 6	0 45	2 45	12 36	15 27	15 24	27 44		n.a.	F 15
S 16	15 58	27 37	4 47	23 40	1 47	26 14	2 26	22 40	1 0	12 45	1 21	20 38	1 29	3 6	0 43	22 7	0 45	2 46	12 36	15 27	15 23	27 44		n.a.	S 16
S 17	16 16	25 30	5 11	23 47	1 40	26 15	2 26	22 47	1 1	12 42	1 21	20 38	1 29	3 7	0 43	22 7	0 45	2 46	12 36	15 27	15 22	27 45		n.a.	S 17
M18	16 33	21 51	5 17	23 51	1 34	26 15	2 25	22 53	1 1	12 39	1 21	20 38	1 29	3 7	0 43	22 7	0 45	2 46	12 35	15 27	15 21	27 45		n.a.	M18
T 19	16 50	17 4	5 3	23 54	1 26	26 14	2 24	23 0	1 1	12 37	1 22	20 38	1 30	3 8	0 43	22 7	0 44	2 47	12 35	15 27	15 20	27 46		n.a.	T 19
W20	17 7	11 32	4 34	23 55	1 18	26 13	2 23	23 6	1 1	12 34	1 22	20 38	1 30	3 8	0 43	22 8	0 44	2 47	12 35	15 27	15 19	27 46		n.a.	W20
T 21	17 23	5 37	3 50	23 55	1 9	26 11	2 22	23 13	1 2	12 31	1 22	20 38	1 30	3 8	0 43	22 8	0 44	2 47	12 35	15 27	15 18	27 47		n.a.	T 21
F 22	17 39	0n26	2 55	23 53	1 0	26 9	2 20	23 19	1 2	12 29	1 22	20 38	1 30	3 9	0 43	22 8	0 44	2 48	12 34	15 27	15 17	27 47		n.a.	F 22
S 23	17 55	6 22	1 53	23 50	0 50	26 5	2 19	23 25	1 2	12 26	1 23	20 38	1 31	3 9	0 43	22 9	0 44	2 48	12 34	15 28	15 16	27 48		n.a.	S 23
S 24	18 11	11 58	0 46	23 45	0 40	26 2	2 17	23 30	1 2	12 24	1 23	20 38	1 31	3 10	0 43	22 9	0 44	2 48	12 34	15 28	15 15	27 48		n.a.	S 24
M25	18 26	17 1	0n22	23 39	0 29	25 57	2 16	23 36	1 3	12 21	1 23	20 38	1 31	3 10	0 43	22 9	0 44	2 48	12 33	15 28	15 14	27 49		n.a.	M25
T 26	18 41	21 19	1 28	23 32	0 17	25 52	2 14	23 41	1 3	12 19	1 24	20 38	1 31	3 10	0 43	22 9	0 44	2 49	12 33	15 28	15 13	27 49		n.a.	T 26
W27	18 56	24 41	2 29	23 24	0 5	25 46	2 12	23 46	1 3	12 17	1 24	20 39	1 32	3 11	0 43	22 10	0 44	2 49	12 33	15 27	15 12	27 50		n.a.	W27
T 28	19 10	26 56	3 24	23 15	0s 8	25 40	2 9	23 52	1 3	12 14	1 24	20 39	1 32	3 11	0 43	22 10	0 44	2 49	12 33	15 27	15 11	27 50		n.a.	T 28
F 29	19 24	27 57	4 9	23 5	0 21	25 33	2 7	23 56	1 3	12 12	1 25	20 39	1 32	3 11	0 43	22 10	0 44	2 49	12 32	15 26	15 10	27 51		n.a.	F 29
S 30	19 38	27 41	4 43	22 54	0 34	25 25	2 5	24 1	1 4	12 10	1 25	20 39	1 32	3 12	0 43	22 10	0 44	2 49	12 32	15 25	15 9	27 51		n.a.	S 30
S 31	19n51	26n 8	5n 6	22n42	0s48	25n17	2n 2	24n 6	1n 4	12s 8	1s25	20s39	1s32	3n12	0n43	22n11	0s44	2n49	12n32	15n25	15n 8	27n52		n.a.	S 31

Julian Day Number = 1277034.5, Delta T = 08h11m43s
Ecliptic obliquity = 23°50'28, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'05, Lahiri = -20°45'05 Julian Calendar 1 May 1217 BCE == Greg. Calendar 20 Apr. 1217 BCE

The year -1216 astronomical counting style corresponds to year 1217 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1217 BCE
geocentric

JUNE 1217 BCE (-1216) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 53 56	28♉ 7'32	8♌47	20♊56	13♋22	16♊ 8	2♓27	5°R41	23°R41	14♊25	22°R11	11°R 5	10♉11	1♋55	n.a.	M 1
T 2	15 57 52	29° 4'38	20°55	21°14	14°23	16°46	2°33	5♒40	23♍40	14°28	22♎10	11♉ 4	10° 8	2° 2	n.a.	T 2
W 3	16 1 49	0♊ 1'45	3♍18	21°28	15°23	17°23	2°39	5°40	23°40	14°30	22° 8	11°D 4	10° 5	2° 9	n.a.	W 3
T 4	16 5 45	0°58'51	15°59	21°36	16°23	18° 1	2°45	5°39	23°39	14°32	22° 7	11° 4	10° 2	2°16	n.a.	T 4
F 5	16 9 42	1°55'58	29° 2	21°R40	17°22	18°39	2°51	5°39	23°39	14°34	22° 6	11° 6	9°59	2°22	n.a.	F 5
S 6	16 13 38	2°53'05	12♎31	21°40	18°21	19°17	2°56	5°38	23°38	14°36	22° 5	11° 7	9°56	2°29	n.a.	S 6
S 7	16 17 35	3°50'12	26°26	21°34	19°20	19°55	3° 1	5°37	23°38	14°38	22° 4	11° 8	9°52	2°36	n.a.	S 7
M 8	16 21 32	4°47'19	10♏47	21°23	20°18	20°33	3° 7	5°36	23°38	14°41	22° 3	11°R 9	9°49	2°42	n.a.	M 8
T 9	16 25 28	5°44'27	25°31	21° 8	21°16	21°11	3°12	5°35	23°38	14°43	22° 2	11° 8	9°46	2°49	n.a.	T 9
W10	16 29 25	6°41'36	10♐31	20°48	22°13	21°49	3°16	5°34	23°37	14°45	22° 1	11° 6	9°43	2°56	n.a.	W10
T 11	16 33 21	7°38'46	25°38	20°24	23°11	22°27	3°21	5°32	23°37	14°47	22° 0	11° 4	9°40	3° 2	n.a.	T 11
F 12	16 37 18	8°35'56	10♑44	19°56	24° 7	23° 5	3°25	5°31	23°37	14°49	21°59	11° 0	9°37	3° 9	n.a.	F 12
S 13	16 41 14	9°33'07	25°39	19°23	25° 3	23°43	3°30	5°29	23°D37	14°52	21°58	10°56	9°33	3°16	n.a.	S 13
S 14	16 45 11	10°30'19	10♒16	18°48	25°59	24°21	3°34	5°28	23°37	14°54	21°57	10°53	9°30	3°23	n.a.	S 14
M15	16 49 8	11°27'33	24°31	18°10	26°54	24°59	3°38	5°26	23°37	14°56	21°56	10°51	9°27	3°29	n.a.	M15
T 16	16 53 4	12°24'47	8♓20	17°29	27°49	25°37	3°42	5°24	23°38	14°58	21°55	10°D50	9°24	3°36	n.a.	T 16
W17	16 57 1	13°22'02	21°45	16°47	28°43	26°15	3°45	5°23	23°38	15° 1	21°54	10°50	9°21	3°43	n.a.	W17
T 18	17 0 57	14°19'18	4♈47	16° 3	29°37	26°53	3°49	5°21	23°38	15° 3	21°53	10°51	9°17	3°49	n.a.	T 18
F 19	17 4 54	15°16'36	17°30	15°20	0♌30	27°31	3°52	5°19	23°38	15° 5	21°52	10°53	9°14	3°56	n.a.	F 19
S 20	17 8 50	16°13'55	29°57	14°37	1°22	28° 9	3°55	5°16	23°39	15° 7	21°52	10°54	9°11	4° 3	n.a.	S 20
S 21	17 12 47	17°11'15	12♉11	13°56	2°14	28°47	3°58	5°14	23°39	15° 9	21°51	10°R55	9° 8	4° 9	n.a.	S 21
M22	17 16 43	18° 8'36	24°16	13°17	3° 5	29°25	4° 0	5°12	23°39	15°12	21°50	10°54	9° 5	4°16	n.a.	M22
T 23	17 20 40	19° 5'59	6♊15	12°40	3°56	0♋ 3	4° 3	5° 9	23°40	15°14	21°50	10°51	9° 2	4°23	n.a.	T 23
W24	17 24 37	20° 3'22	18° 8	12° 8	4°46	0°41	4° 5	5° 7	23°40	15°16	21°49	10°46	8°58	4°30	n.a.	W24
T 25	17 28 33	21° 0'47	29°59	11°39	5°35	1°20	4° 7	5° 4	23°41	15°18	21°48	10°40	8°55	4°36	n.a.	T 25
F 26	17 32 30	21°58'13	11♋50	11°16	6°24	1°58	4° 9	5° 2	23°42	15°21	21°48	10°33	8°52	4°43	n.a.	F 26
S 27	17 36 26	22°55'40	23°41	10°58	7°12	2°36	4°11	4°59	23°42	15°23	21°47	10°25	8°49	4°50	n.a.	S 27
S 28	17 40 23	23°53'08	5♌35	10°45	7°59	3°14	4°12	4°56	23°43	15°25	21°47	10°17	8°46	4°56	n.a.	S 28
M29	17 44 19	24°50'37	17°36	10°D39	8°45	3°52	4°14	4°53	23°44	15°27	21°46	10°11	8°43	5° 3	n.a.	M29
T 30	17 48 16	25♊48'07	29♌45	10♊39	9♌30	4♋30	4♓15	4♒50	23♍45	15♊29	21♎46	10♉ 6	8♉39	5♋10	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n 5	23n25	5n15	22n30	1s 2	25n 8	1n59	24n10	1n 4	12s 6	1s25	20s40	1s33	3n12	0n43	22n11	0s44	2n50	12n31	15n24	15n 7	27n52		n.a.
T 2	20 17	19 39	5 11	22 16	1 17	24 59	1 56	24 14	1 4	12 4	1 26	20 40	1 33	3 12	0 43	22 11	0 44	2 50	12 31	15 24	15 6	27 53		n.a.
W 3	20 30	14 59	4 52	22 3	1 31	24 49	1 53	24 18	1 4	12 2	1 26	20 40	1 33	3 12	0 43	22 11	0 44	2 50	12 31	15 24	15 5	27 53		n.a.
T 4	20 42	9 35	4 19	21 48	1 46	24 38	1 50	24 22	1 4	12 0	1 26	20 41	1 33	3 12	0 42	22 12	0 44	2 50	12 30	15 24	15 4	27 54		n.a.
F 5	20 54	3 37	3 32	21 34	2 1	24 27	1 47	24 25	1 5	11 59	1 27	20 41	1 34	3 13	0 42	22 12	0 44	2 50	12 30	15 24	15 3	27 54		n.a.
S 6	21 5	2s43	2 31	21 19	2 16	24 16	1 43	24 29	1 5	11 57	1 27	20 42	1 34	3 13	0 42	22 12	0 44	2 50	12 29	15 25	15 2	27 54		n.a.
S 7	21 16	9 8	1 20	21 3	2 31	24 4	1 39	24 32	1 5	11 55	1 27	20 42	1 34	3 13	0 42	22 13	0 44	2 50	12 29	15 25	15 1	27 55		n.a.
M 8	21 27	15 17	0 2	20 48	2 46	23 51	1 35	24 35	1 5	11 54	1 28	20 43	1 34	3 13	0 42	22 13	0 44	2 50	12 29	15 25	15 0	27 55		n.a.
T 9	21 37	20 44	1s18	20 33	3 0	23 38	1 31	24 38	1 5	11 52	1 28	20 43	1 35	3 13	0 42	22 13	0 44	2 50	12 28	15 25	14 59	27 56		n.a.
W10	21 47	24 57	2 34	20 18	3 14	23 24	1 27	24 40	1 6	11 50	1 28	20 44	1 35	3 13	0 42	22 13	0 44	2 50	12 28	15 25	14 58	27 56		n.a.
T 11	21 57	27 26	3 40	20 3	3 27	23 10	1 23	24 43	1 6	11 49	1 29	20 44	1 35	3 13	0 42	22 14	0 44	2 50	12 28	15 24	14 57	27 56		n.a.
F 12	22 6	27 54	4 31	19 48	3 40	22 56	1 18	24 45	1 6	11 48	1 29	20 45	1 35	3 13	0 42	22 14	0 44	2 50	12 27	15 23	14 56	27 57		n.a.
S 13	22 15	26 18	5 2	19 34	3 51	22 41	1 13	24 47	1 6	11 46	1 29	20 45	1 35	3 13	0 42	22 14	0 44	2 50	12 27	15 22	14 55	27 57		n.a.
S 14	22 24	22 58	5 13	19 21	4 2	22 26	1 9	24 49	1 6	11 45	1 30	20 46	1 36	3 13	0 42	22 14	0 44	2 50	12 26	15 20	14 54	27 57		n.a.
M15	22 32	18 20	5 4	19 8	4 11	22 10	1 3	24 51	1 6	11 44	1 30	20 47	1 36	3 13	0 42	22 15	0 44	2 50	12 26	15 20	14 53	27 58		n.a.
T 16	22 40	12 52	4 38	18 56	4 19	21 54	0 58	24 52	1 6	11 43	1 30	20 47	1 36	3 13	0 42	22 15	0 44	2 50	12 26	15 19	14 52	27 58		n.a.
W17	22 47	6 56	3 57	18 46	4 26	21 37	0 53	24 54	1 7	11 42	1 31	20 48	1 36	3 13	0 42	22 15	0 44	2 50	12 25	15 19	14 51	27 58		n.a.
T 18	22 54	0 53	3 5	18 36	4 31	21 21	0 47	24 55	1 7	11 41	1 31	20 49	1 37	3 12	0 42	22 15	0 44	2 50	12 25	15 20	14 50	27 59		n.a.
F 19	23 1	5n 4	2 4	18 29	4 34	21 3	0 41	24 56	1 7	11 40	1 31	20 49	1 37	3 12	0 42	22 16	0 44	2 50	12 24	15 20	14 49	27 59		n.a.
S 20	23 7	10 43	0 59	18 22	4 36	20 46	0 35	24 57	1 7	11 39	1 32	20 50	1 37	3 12	0 42	22 16	0 44	2 50	12 24	15 21	14 48	27 59		n.a.
S 21	23 13	15 52	0n 7	18 17	4 36	20 28	0 29	24 57	1 7	11 39	1 32	20 51	1 37	3 12	0 42	22 16	0 44	2 50	12 23	15 21	14 47	28 0		n.a.
M22	23 18	20 19	1 12	18 15	4 34	20 10	0 23	24 58	1 7	11 38	1 32	20 52	1 37	3 12	0 42	22 17	0 44	2 50	12 23	15 21	14 46	28 0		n.a.
T 23	23 23	23 54	2 13	18 13	4 31	19 51	0 16	24 58	1 7	11 37	1 33	20 52	1 38	3 11	0 42	22 17	0 44	2 49	12 23	15 20	14 45	28 0		n.a.
W24	23 28	26 26	3 8	18 14	4 26	19 33	0 10	24 58	1 8	11 37	1 33	20 53	1 38	3 11	0 42	22 17	0 44	2 49	12 22	15 18	14 44	28 0		n.a.
T 25	23 32	27 45	3 55	18 17	4 19	19 14	0 3	24 58	1 8	11 36	1 33	20 54	1 38	3 11	0 42	22 17	0 44	2 49	12 22	15 16	14 43	28 1		n.a.
F 26	23 36	27 48	4 31	18 22	4 11	18 55	0s 5	24 57	1 8	11 36	1 34	20 55	1 38	3 11	0 42	22 18	0 44	2 49	12 21	15 14	14 42	28 1		n.a.
S 27	23 39	26 34	4 55	18 29	4 1	18 36	0 12	24 57	1 8	11 36	1 34	20 56	1 38	3 10	0 41	22 18	0 44	2 49	12 21	15 11	14 41	28 1		n.a.
S 28	23 42	24 8	5 7	18 38	3 51	18 16	0 19	24 56	1 8	11 35	1 34	20 57	1 39	3 10	0 41	22 18	0 44	2 48	12 20	15 9	14 40	28 1		n.a.
M29	23 44	20 39	5 6	18 49	3 39	17 56	0 27	24 55	1 8	11 35	1 35	20 58	1 39	3 10	0 41	22 18	0 44	2 48	12 20	15 7	14 38	28 2		n.a.
T 30	23n46	16n16	4n50	19n 1	3s26	17n37	0s35	24n54	1n 8	11s35	1s35	20s59	1s39	3n 9	0n41	22n19	0s44	2n48	12n19	15n 5	14n37	28n 2		n.a.

Julian Day Number = 1277065.5, Delta T = 08h11m41s
Ecliptic obliquity = 23°50'28, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°52'01, Lahiri = -20°45'01 Julian Calendar 1 June 1217 BCE == Greg. Calendar 21 May 1217 BCE

The year -1216 astronomical counting style corresponds to year 1217 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1217 BCE
geocentric

JULY 1217 BCE (-1216) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 52 13	26♊45'38	12♍ 6	10♊46	10♌15	5♋ 8	4♓16	4°R47	23♍46	15♊32	21°R45	10°R 3	8♉36	5♋16	n.a.	W 1
T 2	17 56 9	27°43'10	24°43	11° 0	10°58	5°46	4°16	4♒44	23°47	15°34	21♎45	10°D 1	8°33	5°23	n.a.	T 2
F 3	18 0 6	28°40'43	7♎41	11°21	11°41	6°25	4°17	4°41	23°48	15°36	21°44	10♉ 2	8°30	5°30	n.a.	F 3
S 4	18 4 2	29°38'17	21° 2	11°48	12°22	7° 3	4°17	4°37	23°49	15°38	21°44	10° 3	8°27	5°37	n.a.	S 4
S 5	18 7 59	0♋35'52	4♏50	12°23	13° 3	7°41	4°R17	4°34	23°50	15°40	21°44	10°R 4	8°23	5°43	n.a.	S 5
M 6	18 11 55	1°33'28	19° 6	13° 4	13°43	8°19	4°17	4°31	23°51	15°43	21°43	10° 3	8°20	5°50	n.a.	M 6
T 7	18 15 52	2°31'06	3♐47	13°52	14°21	8°57	4°17	4°27	23°52	15°45	21°43	10° 1	8°17	5°57	n.a.	T 7
W 8	18 19 48	3°28'45	18°50	14°47	14°58	9°36	4°17	4°24	23°54	15°47	21°43	9°57	8°14	6° 3	n.a.	W 8
T 9	18 23 45	4°26'26	4♑ 6	15°48	15°34	10°14	4°16	4°20	23°55	15°49	21°43	9°51	8°11	6°10	n.a.	T 9
F 10	18 27 42	5°24'08	19°24	16°56	16° 9	10°52	4°15	4°16	23°56	15°51	21°43	9°43	8° 8	6°17	n.a.	F 10
S 11	18 31 38	6°21'52	4♒34	18° 9	16°43	11°30	4°14	4°12	23°58	15°53	21°42	9°34	8° 4	6°23	n.a.	S 11
S 12	18 35 35	7°19'37	19°25	19°28	17°15	12° 9	4°13	4° 9	23°59	15°55	21°42	9°27	8° 1	6°30	n.a.	S 12
M13	18 39 31	8°17'24	3♓51	20°53	17°46	12°47	4°11	4° 5	24° 1	15°57	21°42	9°21	7°58	6°37	n.a.	M13
T 14	18 43 28	9°15'13	17°48	22°22	18°15	13°25	4°10	4° 1	24° 2	16° 0	21°D42	9°16	7°55	6°44	n.a.	T 14
W15	18 47 24	10°13'04	1♈16	23°57	18°43	14° 4	4° 8	3°57	24° 4	16° 2	21°42	9°14	7°52	6°50	n.a.	W15
T 16	18 51 21	11°10'57	14°18	25°35	19° 9	14°42	4° 6	3°53	24° 6	16° 4	21°42	9°D14	7°48	6°57	n.a.	T 16
F 17	18 55 17	12° 8'52	26°56	27°17	19°34	15°20	4° 4	3°49	24° 7	16° 6	21°42	9°15	7°45	7° 4	n.a.	F 17
S 18	18 59 14	13° 6'48	9♉16	29° 3	19°57	15°59	4° 1	3°44	24° 9	16° 8	21°43	9°R15	7°42	7°10	n.a.	S 18
S 19	19 3 11	14° 4'47	21°23	0♋51	20°18	16°37	3°59	3°40	24°11	16°10	21°43	9°14	7°39	7°17	n.a.	S 19
M20	19 7 7	15° 2'48	3♊21	2°42	20°38	17°15	3°56	3°36	24°13	16°12	21°43	9°11	7°36	7°24	n.a.	M20
T 21	19 11 4	16° 0'51	15°13	4°35	20°56	17°54	3°53	3°32	24°15	16°14	21°43	9° 6	7°33	7°31	n.a.	T 21
W22	19 15 0	16°58'56	27° 3	6°30	21°12	18°32	3°49	3°27	24°17	16°16	21°43	8°58	7°29	7°37	n.a.	W22
T 23	19 18 57	17°57'02	8♋53	8°25	21°25	19°11	3°46	3°23	24°19	16°18	21°44	8°48	7°26	7°44	n.a.	T 23
F 24	19 22 53	18°55'11	20°45	10°22	21°37	19°49	3°43	3°19	24°21	16°20	21°44	8°35	7°23	7°51	n.a.	F 24
S 25	19 26 50	19°53'21	2♌41	12°19	21°47	20°28	3°39	3°14	24°23	16°22	21°44	8°22	7°20	7°57	n.a.	S 25
S 26	19 30 46	20°51'33	14°42	14°16	21°55	21° 6	3°35	3°10	24°25	16°24	21°45	8° 9	7°17	8° 4	n.a.	S 26
M27	19 34 43	21°49'47	26°49	16°13	22° 0	21°45	3°31	3° 5	24°27	16°25	21°45	7°58	7°14	8°11	n.a.	M27
T 28	19 38 40	22°48'03	9♍ 4	18°11	22° 4	22°23	3°26	3° 1	24°29	16°27	21°46	7°48	7°10	8°17	n.a.	T 28
W29	19 42 36	23°46'20	21°29	20° 7	22°R 5	23° 2	3°22	2°56	24°32	16°29	21°46	7°42	7° 7	8°24	n.a.	W29
T 30	19 46 33	24°44'40	4♎ 8	22° 3	22° 3	23°40	3°17	2°51	24°34	16°31	21°47	7°38	7° 4	8°31	n.a.	T 30
F 31	19 50 29	25♋43'00	17♎ 3	23♋59	21♌59	24♋19	3♓12	2♒47	24♍36	16♊33	21♎47	7♉37	7♉ 1	8♋38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n48	11n 9	4n22	19n16	3s13	17n17	0s43	24n53	1n 8	11s35	1s35	20s59	1s39	3n 9	0n41	22n19	0s44	2n48	12n19	15n 4	14n36	28n 2			n.a.
T 2	23 49	5 29	3 40	19 32	2 58	16 57	0 52	24 51	1 8	11 35	1 36	21 0	1 39	3 8	0 41	22 19	0 44	2 47	12 18	15 4	14 35	28 2			n.a.
F 3	23 50	0s34	2 45	19 49	2 44	16 37	1 0	24 49	1 9	11 35	1 36	21 1	1 40	3 8	0 41	22 19	0 44	2 47	12 18	15 4	14 34	28 2			n.a.
S 4	23 50	6 47	1 41	20 8	2 28	16 16	1 9	24 48	1 9	11 35	1 36	21 2	1 40	3 7	0 41	22 20	0 44	2 47	12 17	15 4	14 33	28 3			n.a.
S 5	23 50	12 55	0 28	20 28	2 13	15 56	1 18	24 45	1 9	11 36	1 37	21 3	1 40	3 7	0 41	22 20	0 44	2 46	12 17	15 5	14 32	28 3			n.a.
M 6	23 50	18 34	0s48	20 48	1 57	15 36	1 27	24 43	1 9	11 36	1 37	21 4	1 40	3 6	0 41	22 20	0 44	2 46	12 17	15 5	14 31	28 3			n.a.
T 7	23 49	23 17	2 4	21 10	1 42	15 16	1 36	24 41	1 9	11 36	1 37	21 5	1 40	3 6	0 41	22 20	0 44	2 46	12 16	15 4	14 30	28 3			n.a.
W 8	23 48	26 33	3 12	21 32	1 26	14 56	1 46	24 38	1 9	11 37	1 38	21 7	1 41	3 5	0 41	22 20	0 44	2 45	12 16	15 3	14 29	28 3			n.a.
T 9	23 46	27 55	4 8	21 54	1 11	14 36	1 56	24 35	1 9	11 37	1 38	21 8	1 41	3 5	0 41	22 21	0 44	2 45	12 15	15 1	14 28	28 3			n.a.
F 10	23 44	27 8	4 46	22 16	0 55	14 16	2 6	24 32	1 9	11 38	1 38	21 9	1 41	3 4	0 41	22 21	0 44	2 45	12 15	14 58	14 27	28 3			n.a.
S 11	23 41	24 21	5 4	22 38	0 40	13 56	2 16	24 29	1 9	11 39	1 39	21 10	1 41	3 4	0 41	22 21	0 44	2 44	12 14	14 55	14 26	28 4			n.a.
S 12	23 38	19 59	5 0	22 59	0 26	13 36	2 26	24 26	1 9	11 40	1 39	21 11	1 41	3 3	0 41	22 21	0 44	2 44	12 14	14 53	14 25	28 4			n.a.
M13	23 35	14 34	4 38	23 19	0 12	13 17	2 37	24 22	1 9	11 40	1 39	21 12	1 41	3 2	0 41	22 22	0 44	2 43	12 13	14 51	14 24	28 4			n.a.
T 14	23 31	8 33	3 59	23 39	0n 2	12 57	2 48	24 18	1 9	11 41	1 40	21 13	1 42	3 2	0 41	22 22	0 44	2 43	12 13	14 49	14 23	28 4			n.a.
W15	23 26	2 21	3 8	23 56	0 14	12 38	2 59	24 14	1 10	11 42	1 40	21 14	1 42	3 1	0 41	22 22	0 44	2 42	12 12	14 49	14 22	28 4			n.a.
T 16	23 22	3n45	2 9	24 12	0 26	12 19	3 10	24 10	1 10	11 43	1 40	21 15	1 42	3 0	0 41	22 22	0 44	2 42	12 12	14 49	14 21	28 4			n.a.
F 17	23 17	9 32	1 5	24 26	0 38	12 1	3 21	24 6	1 10	11 44	1 41	21 16	1 42	3 0	0 41	22 23	0 44	2 41	12 11	14 49	14 20	28 4			n.a.
S 18	23 11	14 50	0n 0	24 38	0 48	11 43	3 33	24 1	1 10	11 46	1 41	21 18	1 42	2 59	0 41	22 23	0 44	2 41	12 11	14 49	14 19	28 4			n.a.
S 19	23 5	19 27	1 4	24 48	0 58	11 25	3 45	23 56	1 10	11 47	1 41	21 19	1 42	2 58	0 41	22 23	0 44	2 40	12 10	14 49	14 18	28 4			n.a.
M20	22 59	23 13	2 5	24 55	1 6	11 7	3 56	23 52	1 10	11 48	1 41	21 20	1 42	2 57	0 41	22 23	0 44	2 40	12 10	14 48	14 17	28 4			n.a.
T 21	22 52	25 58	2 59	25 0	1 14	10 50	4 8	23 47	1 10	11 50	1 42	21 21	1 43	2 56	0 41	22 23	0 44	2 39	12 9	14 46	14 16	28 4			n.a.
W22	22 44	27 34	3 45	25 2	1 21	10 34	4 21	23 41	1 10	11 51	1 42	21 22	1 43	2 56	0 40	22 24	0 44	2 39	12 9	14 44	14 14	28 4			n.a.
T 23	22 37	27 53	4 22	25 1	1 27	10 18	4 33	23 36	1 10	11 53	1 42	21 23	1 43	2 55	0 40	22 24	0 44	2 38	12 8	14 40	14 13	28 5			n.a.
F 24	22 29	26 56	4 47	24 58	1 33	10 2	4 45	23 30	1 10	11 54	1 43	21 25	1 43	2 54	0 40	22 24	0 44	2 38	12 8	14 36	14 12	28 5			n.a.
S 25	22 20	24 44	4 59	24 52	1 37	9 47	4 58	23 24	1 10	11 56	1 43	21 26	1 43	2 53	0 40	22 24	0 44	2 37	12 7	14 32	14 11	28 5			n.a.
S 26	22 12	21 27	4 59	24 44	1 41	9 33	5 10	23 18	1 10	11 58	1 43	21 27	1 43	2 52	0 40	22 24	0 44	2 37	12 7	14 28	14 10	28 5			n.a.
M27	22 2	17 14	4 45	24 33	1 44	9 19	5 23	23 12	1 10	11 59	1 44	21 28	1 43	2 51	0 40	22 25	0 44	2 36	12 6	14 24	14 9	28 5			n.a.
T 28	21 53	12 16	4 18	24 20	1 46	9 7	5 35	23 6	1 10	12 1	1 44	21 29	1 43	2 50	0 40	22 25	0 44	2 35	12 6	14 21	14 8	28 5			n.a.
W29	21 43	6 46	3 38	24 4	1 47	8 54	5 48	22 59	1 10	12 3	1 44	21 31	1 44	2 49	0 40	22 25	0 44	2 35	12 5	14 19	14 7	28 5			n.a.
T 30	21 32	0 53	2 47	23 47	1 48	8 43	6 0	22 53	1 10	12 5	1 44	21 32	1 44	2 48	0 40	22 25	0 44	2 34	12 5	14 17	14 6	28 4			n.a.
F 31	21n21	5s10	1n46	23n27	1n48	8n33	6s12	22n46	1n10	12s 7	1s45	21s33	1s44	2n47	0n40	22n25	0s44	2n33	12n 4	14n17	14n 5	28n 4			n.a.

Julian Day Number = 1277095.5, Delta T = 08h11m40s
Ecliptic obliquity = 23°50'28, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'57, Lahiri = -20°44'57 Julian Calendar 1 July 1217 BCE == Greg. Calendar 20 June 1217 BCE

The year -1216 astronomical counting style corresponds to year 1217 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1217 BCE
geocentric

AUGUST 1217 BCE (-1216) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 54 26	26♋41'23	0♏19	25♋54	21°R53	24♋58	3°R 7	2°R42	24♍39	16♊35	21♎48	7°R36	6♉58	8♋44	n.a.	S 1
S 2	19 58 22	27°39'47	13°57	27°47	21♌45	25°36	3♓ 2	2♒38	24°41	16°36	21°48	7♉36	6°54	8°51	n.a.	S 2
M 3	20 2 19	28°38'13	28° 1	29°40	21°34	26°15	2°57	2°33	24°44	16°38	21°49	7°35	6°51	8°58	n.a.	M 3
T 4	20 6 15	29°36'41	12♐30	1♌32	21°21	26°53	2°51	2°28	24°46	16°40	21°50	7°32	6°48	9° 4	n.a.	T 4
W 5	20 10 12	0♌35'10	27°21	3°23	21° 5	27°32	2°46	2°24	24°49	16°42	21°50	7°26	6°45	9°11	n.a.	W 5
T 6	20 14 9	1°33'42	12♑28	5°13	20°47	28°11	2°40	2°19	24°51	16°43	21°51	7°18	6°42	9°18	n.a.	T 6
F 7	20 18 5	2°32'16	27°42	7° 2	20°27	28°50	2°34	2°14	24°54	16°45	21°52	7° 7	6°39	9°25	n.a.	F 7
S 8	20 22 2	3°30'51	12♒53	8°49	20° 4	29°28	2°28	2°10	24°57	16°47	21°53	6°56	6°35	9°31	n.a.	S 8
S 9	20 25 58	4°29'29	27°48	10°36	19°40	0♌ 7	2°22	2° 5	24°59	16°48	21°53	6°45	6°32	9°38	n.a.	S 9
M10	20 29 55	5°28'08	12♓21	12°22	19°13	0°46	2°15	2° 0	25° 2	16°50	21°54	6°36	6°29	9°45	n.a.	M10
T 11	20 33 51	6°26'50	26°25	14° 6	18°45	1°25	2° 9	1°56	25° 5	16°52	21°55	6°30	6°26	9°51	n.a.	T 11
W12	20 37 48	7°25'35	9♈59	15°50	18°15	2° 3	2° 2	1°51	25° 8	16°53	21°56	6°26	6°23	9°58	n.a.	W12
T 13	20 41 44	8°24'21	23° 5	17°32	17°43	2°42	1°56	1°47	25°10	16°55	21°57	6°24	6°20	10° 5	n.a.	T 13
F 14	20 45 41	9°23'10	5♉45	19°14	17°10	3°21	1°49	1°42	25°13	16°56	21°58	6°24	6°16	10°12	n.a.	F 14
S 15	20 49 37	10°22'02	18° 6	20°55	16°36	4° 0	1°42	1°37	25°16	16°58	21°59	6°24	6°13	10°18	n.a.	S 15
S 16	20 53 34	11°20'56	0♊11	22°34	16° 1	4°39	1°35	1°33	25°19	16°59	22° 0	6°23	6°10	10°25	n.a.	S 16
M17	20 57 31	12°19'53	12° 7	24°13	15°25	5°18	1°28	1°28	25°22	17° 1	22° 1	6°20	6° 7	10°32	n.a.	M17
T 18	21 1 27	13°18'52	23°57	25°51	14°49	5°57	1°20	1°24	25°25	17° 2	22° 2	6°14	6° 4	10°38	n.a.	T 18
W19	21 5 24	14°17'53	5♋47	27°27	14°13	6°36	1°13	1°19	25°28	17° 3	22° 4	6° 6	6° 0	10°45	n.a.	W19
T 20	21 9 20	15°16'57	17°38	29° 3	13°36	7°15	1° 5	1°15	25°31	17° 5	22° 5	5°55	5°57	10°52	n.a.	T 20
F 21	21 13 17	16°16'03	29°35	0♍38	13° 0	7°54	0°58	1°10	25°34	17° 6	22° 6	5°42	5°54	10°59	n.a.	F 21
S 22	21 17 13	17°15'11	11♌38	2°12	12°24	8°33	0°50	1° 6	25°37	17° 7	22° 7	5°28	5°51	11° 5	n.a.	S 22
S 23	21 21 10	18°14'21	23°49	3°46	11°49	9°12	0°43	1° 2	25°41	17° 9	22° 9	5°14	5°48	11°12	n.a.	S 23
M24	21 25 6	19°13'34	6♍ 8	5°18	11°14	9°51	0°35	0°57	25°44	17°10	22°10	5° 1	5°45	11°19	n.a.	M24
T 25	21 29 3	20°12'48	18°36	6°50	10°41	10°30	0°27	0°53	25°47	17°11	22°11	4°51	5°41	11°25	n.a.	T 25
W26	21 33 0	21°12'05	1♎14	8°20	10° 9	11° 9	0°19	0°49	25°50	17°12	22°13	4°44	5°38	11°32	n.a.	W26
T 27	21 36 56	22°11'24	14° 3	9°50	9°39	11°48	0°11	0°45	25°54	17°14	22°14	4°40	5°35	11°39	n.a.	T 27
F 28	21 40 53	23°10'44	27° 6	11°19	9°10	12°27	0° 3	0°40	25°57	17°15	22°15	4°38	5°32	11°45	n.a.	F 28
S 29	21 44 49	24°10'07	10♏23	12°47	8°43	13° 7	29♒55	0°36	26° 0	17°16	22°17	4°D38	5°29	11°52	n.a.	S 29
S 30	21 48 46	25° 9'31	23°58	14°14	8°19	13°46	29°47	0°32	26° 4	17°17	22°18	4°R39	5°26	11°59	n.a.	S 30
M31	21 52 42	26♌ 8'58	7♐52	15♍41	7♌56	14♌25	29♒39	0♒28	26♍ 7	17♊18	22♎20	4♉38	5♉22	12♋ 6	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n10	11s10	0n39	23n 5	1n48	8n23	6s25	22n39	1n10	12s 9	1s45	21s34	1s44	2n46	0n40	22n26	0s44	2n33	12n 4	14n17	14n 4	28n 4		n.a.
S 2	20 59	16 50	0s34	22 42	1 47	8 14	6 37	22 32	1 10	12 11	1 45	21 35	1 44	2 45	0 40	22 26	0 44	2 32	12 3	14 17	14 3	28 4		n.a.
M 3	20 47	21 46	1 46	22 16	1 45	8 6	6 49	22 24	1 10	12 14	1 45	21 36	1 44	2 44	0 40	22 26	0 44	2 31	12 3	14 16	14 2	28 4		n.a.
T 4	20 34	25 32	2 53	21 49	1 43	7 59	7 0	22 17	1 10	12 16	1 46	21 38	1 44	2 43	0 40	22 26	0 44	2 31	12 2	14 15	14 1	28 4		n.a.
W 5	20 22	27 39	3 50	21 21	1 40	7 54	7 12	22 9	1 10	12 18	1 46	21 39	1 44	2 42	0 40	22 26	0 44	2 30	12 2	14 13	14 0	28 4		n.a.
T 6	20 9	27 46	4 33	20 51	1 37	7 49	7 23	22 1	1 10	12 21	1 46	21 40	1 44	2 41	0 40	22 26	0 44	2 29	12 1	14 11	13 59	28 4		n.a.
F 7	19 55	25 48	4 56	20 20	1 34	7 45	7 33	21 53	1 10	12 23	1 46	21 41	1 44	2 40	0 40	22 27	0 44	2 28	12 1	14 7	13 58	28 4		n.a.
S 8	19 42	21 59	4 59	19 48	1 30	7 43	7 43	21 45	1 10	12 25	1 47	21 42	1 45	2 39	0 40	22 27	0 44	2 28	12 0	14 3	13 57	28 4		n.a.
S 9	19 28	16 48	4 40	19 15	1 26	7 41	7 53	21 36	1 10	12 28	1 47	21 43	1 45	2 38	0 40	22 27	0 44	2 27	12 0	14 0	13 55	28 4		n.a.
M10	19 13	10 47	4 4	18 41	1 22	7 41	8 2	21 28	1 10	12 30	1 47	21 45	1 45	2 37	0 40	22 27	0 44	2 26	11 59	13 57	13 54	28 4		n.a.
T 11	18 58	4 25	3 14	18 6	1 17	7 42	8 10	21 19	1 10	12 33	1 47	21 46	1 45	2 36	0 40	22 27	0 44	2 25	11 59	13 55	13 53	28 4		n.a.
W12	18 43	1n58	2 15	17 30	1 12	7 43	8 18	21 10	1 10	12 36	1 48	21 47	1 45	2 34	0 40	22 27	0 44	2 25	11 59	13 53	13 52	28 3		n.a.
T 13	18 28	8 2	1 10	16 53	1 6	7 46	8 25	21 1	1 10	12 38	1 48	21 48	1 45	2 33	0 40	22 27	0 44	2 24	11 58	13 53	13 51	28 3		n.a.
F 14	18 12	13 36	0 3	16 16	1 1	7 50	8 31	20 52	1 10	12 41	1 48	21 49	1 45	2 32	0 40	22 28	0 44	2 23	11 58	13 53	13 50	28 3		n.a.
S 15	17 56	18 29	1n 1	15 38	0 55	7 55	8 36	20 43	1 10	12 44	1 48	21 50	1 45	2 31	0 40	22 28	0 44	2 22	11 57	13 53	13 49	28 3		n.a.
S 16	17 40	22 31	2 2	15 0	0 49	8 1	8 40	20 33	1 10	12 46	1 48	21 51	1 45	2 30	0 40	22 28	0 44	2 21	11 57	13 52	13 48	28 3		n.a.
M17	17 23	25 32	2 57	14 21	0 43	8 8	8 44	20 24	1 10	12 49	1 48	21 52	1 45	2 28	0 40	22 28	0 44	2 21	11 56	13 51	13 47	28 3		n.a.
T 18	17 6	27 25	3 43	13 41	0 36	8 16	8 46	20 14	1 10	12 52	1 49	21 53	1 45	2 27	0 40	22 28	0 44	2 20	11 56	13 49	13 46	28 2		n.a.
W19	16 49	28 2	4 20	13 2	0 30	8 25	8 48	20 4	1 10	12 55	1 49	21 54	1 45	2 26	0 40	22 28	0 44	2 19	11 55	13 47	13 45	28 2		n.a.
T 20	16 31	27 22	4 45	12 22	0 23	8 35	8 49	19 54	1 10	12 58	1 49	21 55	1 45	2 25	0 40	22 28	0 44	2 18	11 55	13 43	13 44	28 2		n.a.
F 21	16 14	25 26	4 58	11 41	0 17	8 45	8 48	19 44	1 10	13 0	1 49	21 56	1 45	2 23	0 39	22 29	0 44	2 17	11 54	13 38	13 43	28 2		n.a.
S 22	15 55	22 21	4 58	11 1	0 10	8 56	8 47	19 33	1 10	13 3	1 49	21 58	1 45	2 22	0 39	22 29	0 44	2 16	11 54	13 34	13 42	28 2		n.a.
S 23	15 37	18 16	4 45	10 20	0 3	9 8	8 45	19 23	1 10	13 6	1 49	21 59	1 45	2 21	0 39	22 29	0 44	2 16	11 54	13 29	13 41	28 1		n.a.
M24	15 18	13 23	4 18	9 39	0s 4	9 20	8 42	19 12	1 10	13 9	1 49	21 59	1 45	2 20	0 39	22 29	0 44	2 15	11 53	13 25	13 39	28 1		n.a.
T 25	14 59	7 55	3 38	8 58	0 12	9 32	8 38	19 1	1 10	13 12	1 49	22 0	1 45	2 18	0 39	22 29	0 44	2 14	11 53	13 21	13 38	28 1		n.a.
W26	14 40	2 3	2 47	8 18	0 19	9 45	8 33	18 50	1 10	13 15	1 50	22 1	1 45	2 17	0 39	22 29	0 44	2 13	11 52	13 19	13 37	28 1		n.a.
T 27	14 21	4s 0	1 47	7 37	0 26	9 59	8 28	18 39	1 10	13 18	1 50	22 2	1 45	2 16	0 39	22 29	0 44	2 12	11 52	13 18	13 36	28 0		n.a.
F 28	14 1	9 59	0 40	6 56	0 33	10 12	8 21	18 28	1 10	13 21	1 50	22 3	1 45	2 14	0 39	22 29	0 44	2 11	11 51	13 17	13 35	28 0		n.a.
S 29	13 41	15 40	0s30	6 15	0 41	10 26	8 14	18 16	1 10	13 24	1 50	22 4	1 45	2 13	0 39	22 29	0 44	2 10	11 51	13 17	13 34	28 0		n.a.
S 30	13 21	20 42	1 41	5 34	0 48	10 40	8 6	18 5	1 9	13 27	1 50	22 5	1 45	2 11	0 39	22 29	0 44	2 9	11 51	13 17	13 33	28 0		n.a.
M31	13n 1	24s44	2s47	4n54	0s55	10n54	7s58	17n53	1n 9	13s30	1s50	22s 6	1s45	2n10	0n39	22n30	0s44	2n 8	11n50	13n17	13n32	27n59		n.a.

Julian Day Number = 1277126.5, Delta T = 08h11m38s
Ecliptic obliquity = 23°50'28, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'53, Lahiri = -20°44'52 Julian Calendar 1 Aug. 1217 BCE == Greg. Calendar 21 July 1217 BCE

The year -1216 astronomical counting style corresponds to year 1217 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1217 BCE
geocentric

SEPTEMBER 1217 BCE (-1216) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 56 39	27♌ 8'26	22♐ 6	17♍ 6	7°R35	15♌ 4	29°R31	0°R24	26♍10	17♊19	22♎21	4°R36	5♉19	12♋12	n.a.	T 1
W 2	22 0 35	28° 7'56	6♑38	18°30	7♌17	15°44	29♒23	0♒21	26°14	17°20	22°23	4♉31	5°16	12°19	n.a.	W 2
T 3	22 4 32	29° 7'29	21°24	19°54	7° 1	16°23	29°15	0°17	26°17	17°21	22°25	4°24	5°13	12°26	n.a.	T 3
F 4	22 8 28	0♍ 7'03	6♒19	21°17	6°47	17° 2	29° 7	0°13	26°21	17°22	22°26	4°15	5°10	12°32	n.a.	F 4
S 5	22 12 25	1° 6'39	21°12	22°38	6°36	17°42	28°58	0° 9	26°24	17°23	22°28	4° 5	5° 6	12°39	n.a.	S 5
S 6	22 16 22	2° 6'17	5♓56	23°58	6°27	18°21	28°50	0° 6	26°28	17°24	22°29	3°55	5° 3	12°46	n.a.	S 6
M 7	22 20 18	3° 5'57	20°23	25°18	6°21	19° 0	28°42	0° 2	26°31	17°24	22°31	3°47	5° 0	12°53	n.a.	M 7
T 8	22 24 15	4° 5'40	4♈25	26°36	6°17	19°40	28°34	29♑59	26°35	17°25	22°33	3°41	4°57	12°59	n.a.	T 8
W 9	22 28 11	5° 5'25	18° 1	27°53	6°D16	20°19	28°26	29°56	26°38	17°26	22°35	3°38	4°54	13° 6	n.a.	W 9
T 10	22 32 8	6° 5'12	1♉10	29° 8	6°17	20°59	28°18	29°52	26°42	17°27	22°36	3°D36	4°51	13°13	n.a.	T 10
F 11	22 36 4	7° 5'01	13°55	0♎22	6°20	21°38	28°10	29°49	26°45	17°27	22°38	3°37	4°47	13°19	n.a.	F 11
S 12	22 40 1	8° 4'53	26°19	1°34	6°26	22°18	28° 3	29°46	26°49	17°28	22°40	3°38	4°44	13°26	n.a.	S 12
S 13	22 43 57	9° 4'48	8♊27	2°45	6°34	22°57	27°55	29°43	26°53	17°29	22°42	3°R38	4°41	13°33	n.a.	S 13
M14	22 47 54	10° 4'44	20°24	3°53	6°44	23°37	27°47	29°40	26°56	17°29	22°44	3°38	4°38	13°40	n.a.	M14
T 15	22 51 51	11° 4'44	2♋16	5° 0	6°57	24°17	27°39	29°37	27° 0	17°30	22°45	3°35	4°35	13°46	n.a.	T 15
W16	22 55 47	12° 4'45	14° 6	6° 4	7°11	24°56	27°32	29°34	27° 4	17°31	22°47	3°30	4°32	13°53	n.a.	W16
T 17	22 59 44	13° 4'49	26° 1	7° 6	7°28	25°36	27°24	29°31	27° 7	17°31	22°49	3°23	4°28	14° 0	n.a.	T 17
F 18	23 3 40	14° 4'55	8♌ 2	8° 5	7°46	26°16	27°17	29°29	27°11	17°31	22°51	3°15	4°25	14° 6	n.a.	F 18
S 19	23 7 37	15° 5'02	20°12	9° 0	8° 7	26°55	27° 9	29°26	27°15	17°32	22°53	3° 6	4°22	14°13	n.a.	S 19
S 20	23 11 33	16° 5'13	2♍34	9°53	8°29	27°35	27° 2	29°24	27°18	17°32	22°55	2°56	4°19	14°20	n.a.	S 20
M21	23 15 30	17° 5'25	15° 8	10°41	8°54	28°15	26°55	29°21	27°22	17°33	22°57	2°48	4°16	14°27	n.a.	M21
T 22	23 19 26	18° 5'39	27°54	11°25	9°19	28°55	26°48	29°19	27°26	17°33	22°59	2°41	4°12	14°33	n.a.	T 22
W23	23 23 23	19° 5'55	10♎52	12° 5	9°47	29°34	26°41	29°17	27°30	17°33	23° 1	2°37	4° 9	14°40	n.a.	W23
T 24	23 27 19	20° 6'12	24° 1	12°39	10°16	0♍14	26°34	29°15	27°33	17°34	23° 3	2°35	4° 6	14°47	n.a.	T 24
F 25	23 31 16	21° 6'32	7♏22	13° 7	10°47	0°54	26°27	29°13	27°37	17°34	23° 5	2°D35	4° 3	14°53	n.a.	F 25
S 26	23 35 13	22° 6'53	20°54	13°29	11°20	1°34	26°21	29°11	27°41	17°34	23° 7	2°36	4° 0	15° 0	n.a.	S 26
S 27	23 39 9	23° 7'16	4♐38	13°44	11°53	2°14	26°14	29° 9	27°45	17°34	23° 9	2°37	3°57	15° 7	n.a.	S 27
M28	23 43 6	24° 7'41	18°33	13°R50	12°29	2°54	26° 8	29° 7	27°48	17°34	23°12	2°R38	3°53	15°14	n.a.	M28
T 29	23 47 2	25° 8'07	2♑39	13°49	13° 5	3°34	26° 2	29° 6	27°52	17°34	23°14	2°38	3°50	15°20	n.a.	T 29
W30	23 50 59	26♍ 8'34	16♑55	13♎38	13♌43	4♍14	25♒56	29♑ 4	27♍56	17♊34	23♎16	2♉36	3♉47	15♋27	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n40	27s20	3s44	4n13	1s 2	11n 7	7s49	17n41	1n 9	13s33	1s50	22s 7	1s45	2n 9	0n39	22n30	0s44	2n 7	11n50	13n16	13n31	27n59		n.a.
W 2	12 19	28 8	4 28	3 33	1 10	11 21	7 39	17 29	1 9	13 36	1 50	22 8	1 45	2 7	0 39	22 30	0 44	2 6	11 49	13 14	13 30	27 59		n.a.
T 3	11 58	26 58	4 55	2 53	1 17	11 35	7 30	17 17	1 9	13 38	1 50	22 8	1 45	2 6	0 39	22 30	0 44	2 5	11 49	13 12	13 29	27 58		n.a.
F 4	11 37	23 53	5 3	2 14	1 24	11 48	7 19	17 5	1 9	13 41	1 50	22 9	1 45	2 4	0 39	22 30	0 44	2 4	11 49	13 9	13 28	27 58		n.a.
S 5	11 16	19 14	4 50	1 35	1 31	12 1	7 8	16 53	1 9	13 44	1 50	22 10	1 45	2 3	0 39	22 30	0 44	2 3	11 48	13 5	13 27	27 58		n.a.
S 6	10 54	13 28	4 17	0 56	1 38	12 14	6 57	16 40	1 9	13 47	1 50	22 11	1 45	2 2	0 39	22 30	0 44	2 3	11 48	13 2	13 25	27 57		n.a.
M 7	10 32	7 4	3 29	0 18	1 45	12 27	6 46	16 28	1 9	13 50	1 50	22 11	1 45	2 0	0 39	22 30	0 44	2 2	11 47	12 59	13 24	27 57		n.a.
T 8	10 10	0 30	2 29	0s20	1 52	12 39	6 35	16 15	1 9	13 53	1 50	22 12	1 45	1 59	0 39	22 30	0 44	2 1	11 47	12 57	13 23	27 57		n.a.
W 9	9 48	5n55	1 22	0 57	1 58	12 50	6 23	16 2	1 9	13 56	1 50	22 13	1 45	1 57	0 39	22 30	0 44	2 0	11 47	12 56	13 22	27 56		n.a.
T 10	9 26	11 52	0 13	1 33	2 5	13 2	6 11	15 49	1 8	13 58	1 50	22 14	1 45	1 56	0 39	22 30	0 44	1 59	11 46	12 56	13 21	27 56		n.a.
F 11	9 3	17 9	0n55	2 9	2 11	13 12	5 59	15 36	1 8	14 1	1 50	22 14	1 45	1 54	0 39	22 30	0 44	1 58	11 46	12 56	13 20	27 56		n.a.
S 12	8 41	21 34	1 59	2 43	2 17	13 23	5 47	15 23	1 8	14 4	1 50	22 15	1 45	1 53	0 39	22 30	0 44	1 57	11 46	12 56	13 19	27 55		n.a.
S 13	8 18	24 58	2 56	3 17	2 23	13 32	5 35	15 10	1 8	14 7	1 50	22 15	1 45	1 51	0 39	22 30	0 44	1 56	11 45	12 56	13 18	27 55		n.a.
M14	7 55	27 13	3 44	3 50	2 28	13 41	5 23	14 56	1 8	14 9	1 50	22 16	1 45	1 50	0 39	22 30	0 44	1 55	11 45	12 56	13 17	27 54		n.a.
T 15	7 32	28 11	4 22	4 22	2 34	13 50	5 11	14 43	1 8	14 12	1 50	22 17	1 45	1 48	0 39	22 31	0 44	1 54	11 45	12 55	13 16	27 54		n.a.
W16	7 9	27 52	4 49	4 52	2 39	13 58	4 59	14 29	1 8	14 15	1 49	22 17	1 45	1 47	0 39	22 31	0 44	1 53	11 44	12 54	13 15	27 54		n.a.
T 17	6 45	26 16	5 4	5 21	2 43	14 5	4 47	14 16	1 8	14 17	1 49	22 18	1 45	1 45	0 39	22 31	0 44	1 52	11 44	12 51	13 14	27 53		n.a.
F 18	6 22	23 28	5 5	5 48	2 47	14 12	4 35	14 2	1 8	14 20	1 49	22 18	1 45	1 44	0 39	22 31	0 44	1 51	11 44	12 48	13 12	27 53		n.a.
S 19	5 58	19 37	4 53	6 14	2 51	14 18	4 23	13 48	1 7	14 22	1 49	22 19	1 44	1 42	0 39	22 31	0 44	1 50	11 43	12 45	13 11	27 52		n.a.
S 20	5 35	14 52	4 27	6 38	2 54	14 24	4 12	13 34	1 7	14 25	1 49	22 19	1 44	1 41	0 39	22 31	0 44	1 49	11 43	12 42	13 10	27 52		n.a.
M21	5 11	9 26	3 48	7 0	2 56	14 29	4 0	13 20	1 7	14 27	1 49	22 20	1 44	1 39	0 39	22 31	0 44	1 48	11 43	12 39	13 9	27 51		n.a.
T 22	4 47	3 32	2 56	7 19	2 58	14 33	3 49	13 5	1 7	14 29	1 49	22 20	1 44	1 38	0 39	22 31	0 44	1 47	11 42	12 37	13 8	27 51		n.a.
W23	4 23	2s37	1 55	7 36	2 59	14 37	3 37	12 51	1 7	14 32	1 49	22 20	1 44	1 36	0 39	22 31	0 44	1 46	11 42	12 35	13 7	27 50		n.a.
T 24	3 59	8 45	0 46	7 49	2 59	14 40	3 26	12 37	1 7	14 34	1 48	22 21	1 44	1 35	0 39	22 31	0 44	1 45	11 42	12 34	13 6	27 50		n.a.
F 25	3 35	14 37	0s26	8 0	2 59	14 42	3 15	12 22	1 6	14 36	1 48	22 21	1 44	1 33	0 39	22 31	0 44	1 44	11 41	12 34	13 5	27 49		n.a.
S 26	3 11	19 51	1 38	8 7	2 57	14 43	3 4	12 8	1 6	14 38	1 48	22 21	1 44	1 32	0 39	22 31	0 44	1 42	11 41	12 35	13 4	27 49		n.a.
S 27	2 46	24 7	2 45	8 10	2 54	14 44	2 53	11 53	1 6	14 40	1 48	22 22	1 44	1 30	0 39	22 31	0 44	1 41	11 41	12 35	13 3	27 48		n.a.
M28	2 22	27 3	3 44	8 9	2 50	14 45	2 43	11 38	1 6	14 42	1 48	22 22	1 44	1 29	0 39	22 31	0 44	1 40	11 41	12 35	13 2	27 48		n.a.
T 29	1 58	28 18	4 30	8 3	2 44	14 44	2 32	11 23	1 6	14 44	1 48	22 22	1 44	1 27	0 39	22 31	0 44	1 39	11 40	12 35	13 0	27 47		n.a.
W30	1n33	27s42	4s59	7s52	2s37	14n43	2s22	11n 8	1n 6	14s46	1s47	22s23	1s44	1n26	0n39	22n31	0s44	1n38	11n40	12n35	12n59	27n47		n.a.

Julian Day Number = 1277157.5, Delta T = 08h11m36s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'49, Lahiri = -20°44'48 Julian Calendar 1 Sept. 1217 BCE == Greg. Calendar 21 Aug. 1217 BCE

The year -1216 astronomical counting style corresponds to year 1217 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1217 BCE
geocentric

OCTOBER 1217 BCE (-1216) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 54 55	27♍ 9'03	1♒18	13°R18	14♌22	4♍54	25°R50	29°R 3	28♍ 0	17°R35	23♎18	2°R33	3♉44	15♋34	n.a.	T 1
F 2	23 58 52	28° 9'34	15°45	12♎48	15° 3	5°34	25♒44	29♂ 2	28° 4	17♊35	23°20	2♉28	3°41	15°41	n.a.	F 2
S 3	0 2 48	29°10'06	0♓11	12° 7	15°44	6°14	25°39	29° 1	28° 7	17°34	23°22	2°23	3°37	15°47	n.a.	S 3
S 4	0 6 45	0♎10'39	14°29	11°17	16°27	6°54	25°34	29° 0	28°11	17°34	23°25	2°18	3°34	15°54	n.a.	S 4
M 5	0 10 42	1°11'14	28°34	10°18	17°11	7°34	25°28	28°59	28°15	17°34	23°27	2°14	3°31	16° 1	n.a.	M 5
T 6	0 14 38	2°11'51	12♈22	9°10	17°55	8°14	25°23	28°58	28°19	17°34	23°29	2°11	3°28	16° 7	n.a.	T 6
W 7	0 18 35	3°12'29	25°50	7°56	18°41	8°55	25°18	28°57	28°22	17°34	23°31	2°D 9	3°25	16°14	n.a.	W 7
T 8	0 22 31	4°13'09	8♉55	6°38	19°28	9°35	25°14	28°56	28°26	17°34	23°33	2° 9	3°22	16°21	n.a.	T 8
F 9	0 26 28	5°13'51	21°40	5°17	20°16	10°15	25° 9	28°56	28°30	17°33	23°36	2°10	3°18	16°28	n.a.	F 9
S 10	0 30 24	6°14'35	4♊ 6	3°56	21° 4	10°55	25° 5	28°55	28°34	17°33	23°38	2°12	3°15	16°34	n.a.	S 10
S 11	0 34 21	7°15'20	16°17	2°39	21°54	11°36	25° 1	28°55	28°37	17°33	23°40	2°14	3°12	16°41	n.a.	S 11
M12	0 38 17	8°16'07	28°17	1°27	22°44	12°16	24°57	28°55	28°41	17°33	23°43	2°15	3° 9	16°48	n.a.	M12
T 13	0 42 14	9°16'56	10♋10	0°23	23°35	12°56	24°53	28°55	28°45	17°32	23°45	2°R15	3° 6	16°54	n.a.	T 13
W14	0 46 11	10°17'47	22° 2	29♍29	24°27	13°37	24°49	28°D55	28°49	17°32	23°47	2°15	3° 3	17° 1	n.a.	W14
T 15	0 50 7	11°18'39	3♌57	28°45	25°20	14°17	24°46	28°55	28°52	17°31	23°49	2°13	2°59	17° 8	n.a.	T 15
F 16	0 54 4	12°19'33	16° 0	28°13	26°14	14°58	24°43	28°55	28°56	17°31	23°52	2°11	2°56	17°15	n.a.	F 16
S 17	0 58 0	13°20'29	28°15	27°53	27° 8	15°38	24°40	28°55	29° 0	17°30	23°54	2° 8	2°53	17°21	n.a.	S 17
S 18	1 1 57	14°21'26	10♍44	27°D44	28° 2	16°18	24°37	28°56	29° 3	17°30	23°56	2° 5	2°50	17°28	n.a.	S 18
M19	1 5 53	15°22'24	23°30	27°46	28°58	16°59	24°34	28°56	29° 7	17°29	23°59	2° 2	2°47	17°35	n.a.	M19
T 20	1 9 50	16°23'23	6♎33	27°59	29°54	17°40	24°32	28°57	29°11	17°29	24° 1	2° 0	2°43	17°41	n.a.	T 20
W21	1 13 46	17°24'24	19°52	28°21	0♍51	18°20	24°30	28°58	29°14	17°28	24° 3	1°59	2°40	17°48	n.a.	W21
T 22	1 17 43	18°25'26	3♏27	28°52	1°48	19° 1	24°28	28°59	29°18	17°27	24° 6	1°D59	2°37	17°55	n.a.	T 22
F 23	1 21 39	19°26'29	17°15	29°30	2°46	19°41	24°26	29° 0	29°22	17°27	24° 8	1°59	2°34	18° 2	n.a.	F 23
S 24	1 25 36	20°27'34	1♐13	0♎16	3°44	20°22	24°24	29° 1	29°25	17°26	24°11	2° 0	2°31	18° 8	n.a.	S 24
S 25	1 29 33	21°28'39	15°19	1° 7	4°43	21° 3	24°23	29° 2	29°29	17°25	24°13	2° 1	2°28	18°15	n.a.	S 25
M26	1 33 29	22°29'45	29°29	2° 4	5°42	21°44	24°22	29° 3	29°32	17°24	24°15	2° 2	2°24	18°22	n.a.	M26
T 27	1 37 26	23°30'51	13♑41	3° 6	6°42	22°24	24°21	29° 5	29°36	17°23	24°18	2° 2	2°21	18°28	n.a.	T 27
W28	1 41 22	24°31'59	27°53	4°11	7°42	23° 5	24°20	29° 6	29°39	17°23	24°20	2°R 2	2°18	18°35	n.a.	W28
T 29	1 45 19	25°33'06	12♒ 1	5°20	8°43	23°46	24°20	29° 8	29°43	17°22	24°22	2° 2	2°15	18°42	n.a.	T 29
F 30	1 49 15	26°34'15	26° 6	6°32	9°44	24°27	24°19	29° 9	29°46	17°21	24°25	2° 2	2°12	18°49	n.a.	F 30
S 31	1 53 12	27♎35'24	10♓ 3	7♎47	10♍45	25♍ 7	24°D19	29♑11	29♍50	17♊20	24♎27	2♉ 1	2♉ 9	18♋55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n 9	25s15	5s11	7s36	2s28	14n41	2s12	10n53	1n 5	14s48	1s47	22s23	1s44	1n24	0n39	22n31	0s44	1n37	11n40	12n34	12n58	27n46			n.a.
F 2	0 45	21 11	5 3	7 14	2 17	14 39	2 2	10 38	1 5	14 50	1 47	22 23	1 43	1 23	0 39	22 31	0 44	1 36	11 40	12 32	12 57	27 46			n.a.
S 3	0 20	15 53	4 35	6 47	2 5	14 36	1 52	10 23	1 5	14 51	1 47	22 23	1 43	1 21	0 39	22 31	0 44	1 35	11 39	12 30	12 56	27 45			n.a.
S 4	0s 4	9 45	3 51	6 14	1 51	14 32	1 43	10 8	1 5	14 53	1 47	22 23	1 43	1 20	0 39	22 31	0 44	1 34	11 39	12 28	12 55	27 45			n.a.
M 5	0 29	3 13	2 53	5 35	1 35	14 28	1 34	9 52	1 5	14 55	1 46	22 23	1 43	1 18	0 39	22 31	0 44	1 33	11 39	12 27	12 54	27 44			n.a.
T 6	0 53	3n21	1 46	4 52	1 17	14 23	1 24	9 37	1 5	14 56	1 46	22 23	1 43	1 16	0 39	22 31	0 45	1 32	11 39	12 26	12 53	27 43			n.a.
W 7	1 18	9 36	0 35	4 5	0 58	14 17	1 15	9 21	1 4	14 58	1 46	22 23	1 43	1 15	0 39	22 31	0 45	1 31	11 38	12 25	12 52	27 43			n.a.
T 8	1 42	15 18	0n37	3 15	0 38	14 11	1 7	9 6	1 4	14 59	1 46	22 24	1 43	1 13	0 39	22 31	0 45	1 30	11 38	12 25	12 51	27 42			n.a.
F 9	2 7	20 11	1 45	2 24	0 18	14 3	0 58	8 50	1 4	15 0	1 45	22 24	1 43	1 12	0 39	22 31	0 45	1 29	11 38	12 26	12 49	27 42			n.a.
S 10	2 31	24 3	2 46	1 33	0n 3	13 56	0 50	8 34	1 4	15 2	1 45	22 24	1 43	1 10	0 39	22 30	0 45	1 28	11 38	12 26	12 48	27 41			n.a.
S 11	2 56	26 45	3 39	0 43	0 24	13 47	0 41	8 18	1 3	15 3	1 45	22 23	1 43	1 9	0 39	22 30	0 45	1 27	11 38	12 27	12 47	27 40			n.a.
M12	3 20	28 11	4 21	0n 4	0 43	13 38	0 33	8 3	1 3	15 4	1 45	22 23	1 42	1 7	0 39	22 30	0 45	1 26	11 37	12 27	12 46	27 40			n.a.
T 13	3 44	28 17	4 52	0 47	1 1	13 29	0 26	7 47	1 3	15 5	1 44	22 23	1 42	1 6	0 39	22 30	0 45	1 25	11 37	12 28	12 45	27 39			n.a.
W14	4 9	27 6	5 10	1 24	1 18	13 19	0 18	7 31	1 3	15 6	1 44	22 23	1 42	1 4	0 39	22 30	0 45	1 24	11 37	12 27	12 44	27 38			n.a.
T 15	4 33	24 40	5 14	1 55	1 33	13 8	0 10	7 15	1 3	15 7	1 44	22 23	1 42	1 3	0 39	22 30	0 45	1 23	11 37	12 27	12 43	27 38			n.a.
F 16	4 57	21 9	5 6	2 20	1 46	12 56	0 3	6 59	1 2	15 8	1 44	22 23	1 42	1 1	0 39	22 30	0 45	1 22	11 37	12 26	12 42	27 37			n.a.
S 17	5 21	16 41	4 43	2 39	1 58	12 44	0n 4	6 42	1 2	15 8	1 43	22 23	1 42	1 0	0 39	22 30	0 45	1 21	11 37	12 25	12 41	27 36			n.a.
S 18	5 45	11 27	4 6	2 51	2 7	12 31	0 11	6 26	1 2	15 9	1 43	22 23	1 42	0 58	0 39	22 30	0 45	1 20	11 36	12 24	12 40	27 36			n.a.
M19	6 9	5 37	3 17	2 57	2 14	12 18	0 18	6 10	1 2	15 10	1 43	22 22	1 42	0 57	0 39	22 30	0 45	1 19	11 36	12 23	12 38	27 35			n.a.
T 20	6 33	0s34	2 16	2 57	2 20	12 4	0 24	5 54	1 1	15 10	1 42	22 22	1 42	0 55	0 39	22 30	0 45	1 18	11 36	12 22	12 37	27 34			n.a.
W21	6 57	6 52	1 6	2 52	2 25	11 50	0 31	5 37	1 1	15 11	1 42	22 22	1 41	0 54	0 39	22 30	0 45	1 17	11 36	12 22	12 36	27 34			n.a.
T 22	7 20	13 0	0s 8	2 42	2 27	11 35	0 37	5 21	1 1	15 11	1 42	22 22	1 41	0 53	0 39	22 30	0 45	1 16	11 36	12 22	12 35	27 33			n.a.
F 23	7 44	18 36	1 24	2 28	2 29	11 20	0 43	5 4	1 0	15 11	1 42	22 21	1 41	0 51	0 39	22 30	0 45	1 15	11 36	12 22	12 34	27 32			n.a.
S 24	8 7	23 16	2 35	2 10	2 29	11 4	0 49	4 48	1 0	15 12	1 41	22 21	1 41	0 50	0 39	22 30	0 45	1 15	11 36	12 22	12 33	27 32			n.a.
S 25	8 31	26 37	3 37	1 49	2 28	10 47	0 54	4 31	1 0	15 12	1 41	22 21	1 41	0 48	0 39	22 30	0 45	1 14	11 36	12 22	12 32	27 31			n.a.
M26	8 54	28 18	4 27	1 24	2 27	10 30	1 0	4 15	1 0	15 12	1 41	22 20	1 41	0 47	0 39	22 29	0 45	1 13	11 35	12 23	12 31	27 30			n.a.
T 27	9 17	28 6	5 1	0 57	2 24	10 12	1 5	3 58	0 59	15 12	1 40	22 20	1 41	0 45	0 39	22 29	0 45	1 12	11 35	12 23	12 30	27 29			n.a.
W28	9 40	26 5	5 16	0 28	2 21	9 54	1 10	3 41	0 59	15 12	1 40	22 19	1 41	0 44	0 39	22 29	0 45	1 11	11 35	12 23	12 28	27 29			n.a.
T 29	10 2	22 27	5 12	0s 4	2 17	9 36	1 15	3 25	0 59	15 12	1 40	22 19	1 41	0 43	0 39	22 29	0 45	1 10	11 35	12 23	12 27	27 28			n.a.
F 30	10 25	17 33	4 49	0 36	2 13	9 17	1 20	3 8	0 58	15 12	1 40	22 18	1 40	0 41	0 39	22 29	0 45	1 9	11 35	12 23	12 26	27 27			n.a.
S 31	10s47	11s46	4s10	1s11	2n 8	8n58	1n25	2n51	0n58	15s11	1s39	22s18	1s40	0n40	0n39	22n29	0s45	1n 8	11n35	12n23	12n25	27n26			n.a.

Julian Day Number = 1277187.5, Delta T = 08h11m35s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'45, Lahiri = -20°44'44 Julian Calendar 1 Oct. 1217 BCE == Greg. Calendar 20 Sept. 1217 BCE

The year -1216 astronomical counting style corresponds to year 1217 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1217 BCE
geocentric

NOVEMBER 1217 BCE (-1216) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 57 9	28♎36'33	23♓51	9♎ 4	11♍47	25♍48	24♒19	29♑13	29♍53	17°R19	24♎29	2°R 1	2♉ 5	19♋ 2	n.a.	S 1
M 2	2 1 5	29°37'43	7♈27	10°23	12°50	26°29	24°20	29°15	29°57	17♊18	24°32	2♉ 0	2° 2	19° 9	n.a.	M 2
T 3	2 5 2	0♏38'53	20°51	11°44	13°52	27°10	24°20	29°17	0♎ 0	17°17	24°34	2° 0	1°59	19°16	n.a.	T 3
W 4	2 8 58	1°40'05	3♉59	13° 6	14°55	27°51	24°21	29°20	0° 3	17°16	24°36	2° 0	1°56	19°22	n.a.	W 4
T 5	2 12 55	2°41'17	16°52	14°30	15°59	28°32	24°22	29°22	0° 7	17°15	24°39	2° 0	1°53	19°29	n.a.	T 5
F 6	2 16 51	3°42'29	29°30	15°55	17° 3	29°13	24°23	29°24	0°10	17°14	24°41	2° 0	1°49	19°36	n.a.	F 6
S 7	2 20 48	4°43'43	11♊53	17°20	18° 7	29°54	24°24	29°27	0°13	17°12	24°43	2° 0	1°46	19°42	n.a.	S 7
S 8	2 24 44	5°44'57	24° 3	18°47	19°11	0♎35	24°26	29°30	0°17	17°11	24°46	1°59	1°43	19°49	n.a.	S 8
M 9	2 28 41	6°46'12	6♋ 3	20°14	20°16	1°16	24°28	29°32	0°20	17°10	24°48	1°59	1°40	19°56	n.a.	M 9
T 10	2 32 38	7°47'27	17°57	21°42	21°21	1°58	24°30	29°35	0°23	17° 9	24°50	1°58	1°37	20° 3	n.a.	T 10
W11	2 36 34	8°48'44	29°49	23°10	22°26	2°39	24°32	29°38	0°26	17° 8	24°53	1°58	1°34	20° 9	n.a.	W11
T 12	2 40 31	9°50'00	11♌44	24°39	23°32	3°20	24°34	29°41	0°29	17° 6	24°55	1°D58	1°30	20°16	n.a.	T 12
F 13	2 44 27	10°51'18	23°45	26° 8	24°38	4° 1	24°37	29°44	0°32	17° 5	24°57	1°58	1°27	20°23	n.a.	F 13
S 14	2 48 24	11°52'36	5♍59	27°38	25°44	4°42	24°39	29°48	0°36	17° 4	25° 0	1°59	1°24	20°29	n.a.	S 14
S 15	2 52 20	12°53'54	18°28	29° 8	26°51	5°24	24°42	29°51	0°39	17° 2	25° 2	2° 0	1°21	20°36	n.a.	S 15
M16	2 56 17	13°55'13	1♎18	0♏39	27°57	6° 5	24°46	29°54	0°42	17° 1	25° 4	2° 1	1°18	20°43	n.a.	M16
T 17	3 0 14	14°56'32	14°29	2° 9	29° 4	6°46	24°49	29°58	0°45	17° 0	25° 6	2° 2	1°14	20°50	n.a.	T 17
W18	3 4 10	15°57'51	28° 3	3°41	0♎11	7°28	24°53	0♒ 2	0°48	16°58	25° 9	2°R 2	1°11	20°56	n.a.	W18
T 19	3 8 7	16°59'11	11♏59	5°12	1°19	8° 9	24°56	0° 5	0°50	16°57	25°11	2° 2	1° 8	21° 3	n.a.	T 19
F 20	3 12 3	18° 0'31	26°14	6°44	2°26	8°50	25° 0	0° 9	0°53	16°56	25°13	2° 1	1° 5	21°10	n.a.	F 20
S 21	3 16 0	19° 1'51	10♐42	8°16	3°34	9°32	25° 4	0°13	0°56	16°54	25°15	1°59	1° 2	21°17	n.a.	S 21
S 22	3 19 56	20° 3'11	25°18	9°49	4°42	10°13	25° 9	0°17	0°59	16°53	25°18	1°57	0°59	21°23	n.a.	S 22
M23	3 23 53	21° 4'30	9♑55	11°21	5°50	10°55	25°13	0°21	1° 2	16°51	25°20	1°54	0°55	21°30	n.a.	M23
T 24	3 27 49	22° 5'49	24°27	12°54	6°58	11°36	25°18	0°25	1° 4	16°50	25°22	1°52	0°52	21°37	n.a.	T 24
W25	3 31 46	23° 7'08	8♒49	14°28	8° 7	12°18	25°23	0°30	1° 7	16°48	25°24	1°50	0°49	21°43	n.a.	W25
T 26	3 35 43	24° 8'26	22°58	16° 1	9°16	12°59	25°28	0°34	1°10	16°47	25°26	1°D50	0°46	21°50	n.a.	T 26
F 27	3 39 39	25° 9'44	6♓52	17°35	10°24	13°41	25°33	0°38	1°12	16°45	25°28	1°50	0°43	21°57	n.a.	F 27
S 28	3 43 36	26°11'00	20°31	19°10	11°33	14°23	25°39	0°43	1°15	16°44	25°30	1°51	0°40	22° 4	n.a.	S 28
S 29	3 47 32	27°12'17	3♈55	20°45	12°43	15° 4	25°44	0°47	1°18	16°42	25°33	1°53	0°36	22°10	n.a.	S 29
M30	3 51 29	28♏13'32	17♈ 6	22♏20	13♎52	15♎46	25♒50	0♒52	1♎20	16♊40	25♎35	1♉55	0♉33	22♋17	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s10	5s28	3s16	1s46	2n 3	8n38	1n29	2n35	0n58	15s11	1s39	22s17	1s40	0n38	0n39	22n29	0s45	1n 7	11n35	12n22	12n24	27n25		n.a.
M 2	11 32	1n 0	2 12	2 23	1 58	8 17	1 34	2 18	0 57	15 11	1 39	22 17	1 40	0 37	0 39	22 29	0 45	1 6	11 35	12 22	12 23	27 25		n.a.
T 3	11 53	7 19	1 1	3 0	1 52	7 57	1 38	2 1	0 57	15 10	1 38	22 16	1 40	0 36	0 39	22 29	0 45	1 5	11 35	12 22	12 22	27 24		n.a.
W 4	12 15	13 14	0n11	3 39	1 46	7 36	1 42	1 44	0 57	15 10	1 38	22 16	1 40	0 34	0 39	22 29	0 45	1 4	11 35	12 22	12 21	27 23		n.a.
T 5	12 37	18 28	1 22	4 17	1 39	7 14	1 45	1 27	0 56	15 9	1 38	22 15	1 40	0 33	0 39	22 28	0 45	1 4	11 35	12 22	12 20	27 22		n.a.
F 6	12 58	22 46	2 27	4 56	1 33	6 52	1 49	1 10	0 56	15 8	1 37	22 14	1 40	0 32	0 39	22 28	0 45	1 3	11 35	12 22	12 18	27 21		n.a.
S 7	13 19	25 57	3 24	5 36	1 26	6 30	1 53	0 53	0 56	15 8	1 37	22 14	1 40	0 30	0 39	22 28	0 45	1 2	11 35	12 22	12 17	27 21		n.a.
S 8	13 40	27 52	4 10	6 15	1 19	6 7	1 56	0 36	0 55	15 7	1 37	22 13	1 40	0 29	0 39	22 28	0 45	1 1	11 35	12 22	12 16	27 20		n.a.
M 9	14 0	28 27	4 45	6 55	1 13	5 44	1 59	0 20	0 55	15 6	1 36	22 12	1 39	0 28	0 39	22 28	0 45	1 0	11 35	12 22	12 15	27 19		n.a.
T 10	14 20	27 41	5 7	7 35	1 6	5 21	2 2	0 3	0 55	15 5	1 36	22 12	1 39	0 26	0 39	22 28	0 45	0 59	11 35	12 21	12 14	27 18		n.a.
W11	14 40	25 41	5 17	8 15	0 59	4 57	2 5	0s14	0 54	15 4	1 36	22 11	1 39	0 25	0 39	22 28	0 45	0 58	11 35	12 21	12 13	27 17		n.a.
T 12	15 0	22 33	5 12	8 54	0 52	4 33	2 8	0 31	0 54	15 3	1 35	22 10	1 39	0 24	0 39	22 28	0 45	0 58	11 35	12 21	12 12	27 16		n.a.
F 13	15 20	18 26	4 54	9 34	0 44	4 9	2 10	0 48	0 54	15 2	1 35	22 9	1 39	0 23	0 39	22 28	0 45	0 57	11 35	12 21	12 11	27 15		n.a.
S 14	15 39	13 32	4 23	10 14	0 37	3 45	2 13	1 5	0 53	15 1	1 35	22 9	1 39	0 21	0 39	22 27	0 45	0 56	11 35	12 22	12 9	27 14		n.a.
S 15	15 58	7 58	3 38	10 53	0 30	3 20	2 15	1 22	0 53	14 59	1 35	22 8	1 39	0 20	0 39	22 27	0 45	0 55	11 35	12 22	12 8	27 13		n.a.
M16	16 17	1 57	2 42	11 32	0 23	2 55	2 17	1 39	0 52	14 58	1 34	22 7	1 39	0 19	0 39	22 27	0 45	0 54	11 35	12 22	12 7	27 13		n.a.
T 17	16 35	4s20	1 36	12 10	0 16	2 30	2 19	1 56	0 52	14 56	1 34	22 6	1 39	0 18	0 39	22 27	0 45	0 54	11 35	12 23	12 6	27 12		n.a.
W18	16 54	10 37	0 22	12 48	0 9	2 4	2 21	2 13	0 52	14 55	1 34	22 5	1 39	0 17	0 39	22 27	0 45	0 53	11 35	12 23	12 5	27 11		n.a.
T 19	17 11	16 33	0s55	13 26	0 2	1 38	2 22	2 30	0 51	14 53	1 33	22 4	1 38	0 15	0 39	22 27	0 45	0 52	11 35	12 23	12 4	27 10		n.a.
F 20	17 29	21 44	2 10	14 4	0s 4	1 13	2 24	2 47	0 51	14 52	1 33	22 3	1 38	0 14	0 39	22 27	0 45	0 51	11 35	12 22	12 3	27 9		n.a.
S 21	17 46	25 41	3 17	14 40	0 11	0 47	2 25	3 4	0 50	14 50	1 33	22 2	1 38	0 13	0 39	22 26	0 45	0 51	11 35	12 22	12 2	27 8		n.a.
S 22	18 3	27 58	4 13	15 17	0 18	0 20	2 27	3 21	0 50	14 48	1 32	22 1	1 38	0 12	0 39	22 26	0 45	0 50	11 35	12 21	12 0	27 7		n.a.
M23	18 20	28 19	4 52	15 52	0 24	0s 6	2 28	3 38	0 50	14 46	1 32	22 1	1 38	0 11	0 39	22 26	0 45	0 49	11 35	12 20	11 59	27 6		n.a.
T 24	18 36	26 42	5 12	16 28	0 31	0 33	2 29	3 55	0 49	14 44	1 32	21 59	1 38	0 10	0 39	22 26	0 45	0 49	11 35	12 19	11 58	27 5		n.a.
W25	18 52	23 22	5 12	17 2	0 37	0 59	2 30	4 12	0 49	14 43	1 32	21 58	1 38	0 9	0 39	22 26	0 45	0 48	11 36	12 19	11 57	27 4		n.a.
T 26	19 7	18 42	4 54	17 36	0 43	1 26	2 30	4 29	0 48	14 40	1 31	21 57	1 38	0 8	0 39	22 26	0 45	0 47	11 36	12 18	11 56	27 3		n.a.
F 27	19 23	13 7	4 18	18 9	0 49	1 53	2 31	4 45	0 48	14 38	1 31	21 56	1 38	0 7	0 39	22 26	0 45	0 47	11 36	12 19	11 55	27 2		n.a.
S 28	19 37	7 0	3 28	18 41	0 55	2 20	2 31	5 2	0 47	14 36	1 31	21 55	1 38	0 6	0 39	22 25	0 45	0 46	11 36	12 19	11 54	27 1		n.a.
S 29	19 52	0 40	2 28	19 13	1 1	2 47	2 32	5 19	0 47	14 34	1 30	21 54	1 38	0 5	0 39	22 25	0 45	0 45	11 36	12 20	11 53	27 0		n.a.
M30	20s 6	5n35	1s21	19s44	1s 6	3s14	2n32	5s36	0n46	14s32	1s30	21s53	1s37	0n 4	0n39	22n25	0s45	0n45	11n36	12n20	11n51	26n59		n.a.

Julian Day Number = 1277218.5, Delta T = 08h11m33s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'40, Lahiri = -20°44'40 Julian Calendar 1 Nov. 1217 BCE == Greg. Calendar 21 Oct. 1217 BCE

The year -1216 astronomical counting style corresponds to year 1217 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1217 BCE
geocentric

DECEMBER 1217 BCE (-1216) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 55 25	29♏14'47	0♉ 3	23♏55	15♎ 1	16♎28	25♒56	0♒57	1♎22	16°R39	25♎37	1°R55	0♉30	22♋24	n.a.	T 1
W 2	3 59 22	0♐16'02	12°49	25°31	16°11	17° 9	26° 2	1° 2	1°25	16♊37	25°39	1♉55	0°27	22°30	n.a.	W 2
T 3	4 3 19	1°17'16	25°24	27° 8	17°21	17°51	26° 8	1° 7	1°27	16°36	25°41	1°53	0°24	22°37	n.a.	T 3
F 4	4 7 15	2°18'29	7♊48	28°45	18°30	18°33	26°15	1°12	1°30	16°34	25°43	1°49	0°20	22°44	n.a.	F 4
S 5	4 11 12	3°19'42	20° 2	0♐22	19°40	19°15	26°21	1°17	1°32	16°32	25°45	1°44	0°17	22°51	n.a.	S 5
S 6	4 15 8	4°20'55	2♋ 8	2° 0	20°51	19°57	26°28	1°22	1°34	16°31	25°47	1°38	0°14	22°57	n.a.	S 6
M 7	4 19 5	5°22'07	14° 6	3°38	22° 1	20°38	26°35	1°27	1°36	16°29	25°49	1°31	0°11	23° 4	n.a.	M 7
T 8	4 23 1	6°23'18	26° 0	5°17	23°11	21°20	26°42	1°32	1°38	16°27	25°51	1°25	0° 8	23°11	n.a.	T 8
W 9	4 26 58	7°24'29	7♌51	6°56	24°22	22° 2	26°50	1°38	1°40	16°26	25°52	1°20	0° 5	23°18	n.a.	W 9
T 10	4 30 54	8°25'39	19°44	8°36	25°32	22°44	26°57	1°43	1°42	16°24	25°54	1°17	0° 1	23°24	n.a.	T 10
F 11	4 34 51	9°26'49	1♍43	10°17	26°43	23°26	27° 5	1°49	1°44	16°22	25°56	1°15	29♈58	23°31	n.a.	F 11
S 12	4 38 48	10°27'58	13°52	11°57	27°54	24° 8	27°12	1°54	1°46	16°21	25°58	1°D14	29°55	23°38	n.a.	S 12
S 13	4 42 44	11°29'06	26°17	13°39	29° 5	24°50	27°20	2° 0	1°48	16°19	26° 0	1°15	29°52	23°44	n.a.	S 13
M14	4 46 41	12°30'14	9♎ 2	15°21	0♏15	25°32	27°28	2° 6	1°50	16°17	26° 2	1°17	29°49	23°51	n.a.	M14
T 15	4 50 37	13°31'22	22°11	17° 4	1°27	26°14	27°36	2°11	1°52	16°16	26° 3	1°18	29°46	23°58	n.a.	T 15
W16	4 54 34	14°32'28	5♏48	18°47	2°38	26°56	27°45	2°17	1°54	16°14	26° 5	1°R18	29°42	24° 5	n.a.	W16
T 17	4 58 30	15°33'34	19°51	20°30	3°49	27°39	27°53	2°23	1°55	16°12	26° 7	1°17	29°39	24°11	n.a.	T 17
F 18	5 2 27	16°34'39	4♐21	22°14	5° 0	28°21	28° 2	2°29	1°57	16°11	26° 9	1°13	29°36	24°18	n.a.	F 18
S 19	5 6 24	17°35'43	19°11	23°59	6°12	29° 3	28°11	2°35	1°59	16° 9	26°10	1° 7	29°33	24°25	n.a.	S 19
S 20	5 10 20	18°36'45	4♑13	25°44	7°23	29°45	28°20	2°41	2° 0	16° 7	26°12	1° 0	29°30	24°32	n.a.	S 20
M21	5 14 17	19°37'47	19°17	27°29	8°35	0♏27	28°29	2°47	2° 2	16° 5	26°13	0°52	29°26	24°38	n.a.	M21
T 22	5 18 13	20°38'47	4♒15	29°15	9°46	1° 9	28°38	2°53	2° 3	16° 4	26°15	0°45	29°23	24°45	n.a.	T 22
W23	5 22 10	21°39'46	18°58	1♑ 0	10°58	1°52	28°47	3° 0	2° 4	16° 2	26°17	0°39	29°20	24°52	n.a.	W23
T 24	5 26 6	22°40'43	3♓20	2°46	12° 9	2°34	28°56	3° 6	2° 6	16° 0	26°18	0°35	29°17	24°58	n.a.	T 24
F 25	5 30 3	23°41'38	17°18	4°31	13°21	3°16	29° 6	3°12	2° 7	15°59	26°20	0°33	29°14	25° 5	n.a.	F 25
S 26	5 33 59	24°42'32	0♈53	6°17	14°33	3°59	29°16	3°19	2° 8	15°57	26°21	0°D33	29°11	25°12	n.a.	S 26
S 27	5 37 56	25°43'24	14° 7	8° 1	15°45	4°41	29°26	3°25	2° 9	15°55	26°23	0°34	29° 7	25°19	n.a.	S 27
M28	5 41 53	26°44'15	27° 3	9°45	16°57	5°23	29°35	3°32	2°11	15°54	26°24	0°R35	29° 4	25°25	n.a.	M28
T 29	5 45 49	27°45'03	9♉43	11°28	18° 9	6° 6	29°45	3°38	2°12	15°52	26°25	0°34	29° 1	25°32	n.a.	T 29
W30	5 49 46	28°45'50	22°11	13° 9	19°21	6°48	29°56	3°45	2°13	15°50	26°27	0°32	28°58	25°39	n.a.	W30
T 31	5 53 42	29♐46'36	4♊29	14♑49	20♏33	7♏31	0♓ 6	3♒52	2♎14	15♊49	26♎28	0♉27	28♈55	25♋45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20s20	11n31	0s10	20s13	1s12	3s41	2n32	5s52	0n46	14s29	1s30	21s52	1s37	0n 3	0n40	22n25	0s45	0n44	11n36	12n20	11n50	26n58			n.a.
W 2	20 33	16 53	0n59	20 42	1 17	4 8	2 32	6 9	0 45	14 27	1 29	21 51	1 37	0 2	0 40	22 25	0 45	0 43	11 36	12 20	11 49	26 57			n.a.
T 3	20 46	21 27	2 5	21 10	1 22	4 35	2 32	6 26	0 45	14 25	1 29	21 50	1 37	0 1	0 40	22 25	0 45	0 43	11 36	12 20	11 48	26 56			n.a.
F 4	20 58	25 0	3 4	21 37	1 26	5 2	2 32	6 42	0 44	14 22	1 29	21 48	1 37	0 0	0 40	22 24	0 45	0 42	11 37	12 18	11 47	26 55			n.a.
S 5	21 10	27 20	3 53	22 3	1 31	5 30	2 31	6 59	0 44	14 20	1 29	21 47	1 37	0s 1	0 40	22 24	0 45	0 42	11 37	12 16	11 46	26 54			n.a.
S 6	21 22	28 20	4 31	22 28	1 35	5 57	2 31	7 15	0 43	14 17	1 28	21 46	1 37	0 2	0 40	22 24	0 45	0 41	11 37	12 14	11 45	26 53			n.a.
M 7	21 33	28 0	4 57	22 51	1 39	6 24	2 30	7 32	0 43	14 14	1 28	21 45	1 37	0 3	0 40	22 24	0 45	0 41	11 37	12 12	11 44	26 52			n.a.
T 8	21 44	26 22	5 9	23 14	1 43	6 51	2 29	7 48	0 42	14 12	1 28	21 43	1 37	0 3	0 40	22 24	0 45	0 40	11 37	12 10	11 42	26 51			n.a.
W 9	21 55	23 34	5 9	23 35	1 46	7 18	2 29	8 5	0 42	14 9	1 28	21 42	1 37	0 4	0 40	22 24	0 45	0 40	11 37	12 8	11 41	26 49			n.a.
T 10	22 5	19 48	4 55	23 54	1 49	7 45	2 28	8 21	0 41	14 6	1 27	21 41	1 37	0 5	0 40	22 23	0 45	0 39	11 38	12 7	11 40	26 48			n.a.
F 11	22 14	15 12	4 28	24 13	1 52	8 12	2 27	8 37	0 41	14 3	1 27	21 39	1 37	0 6	0 40	22 23	0 45	0 39	11 38	12 6	11 39	26 47			n.a.
S 12	22 23	9 57	3 49	24 30	1 55	8 38	2 26	8 54	0 40	14 0	1 27	21 38	1 37	0 7	0 40	22 23	0 45	0 38	11 38	12 6	11 38	26 46			n.a.
S 13	22 32	4 13	2 58	24 45	1 57	9 5	2 24	9 10	0 40	13 57	1 26	21 37	1 36	0 7	0 40	22 23	0 45	0 38	11 38	12 6	11 37	26 45			n.a.
M14	22 40	1s50	1 58	24 59	1 59	9 31	2 23	9 26	0 39	13 54	1 26	21 35	1 36	0 8	0 40	22 23	0 45	0 37	11 38	12 7	11 36	26 44			n.a.
T 15	22 48	8 1	0 49	25 11	2 0	9 58	2 22	9 42	0 38	13 51	1 26	21 34	1 36	0 9	0 40	22 23	0 45	0 37	11 39	12 7	11 34	26 43			n.a.
W16	22 56	14 3	0s24	25 22	2 1	10 24	2 20	9 58	0 38	13 48	1 26	21 33	1 36	0 9	0 40	22 22	0 45	0 36	11 39	12 7	11 33	26 42			n.a.
T 17	23 3	19 35	1 39	25 31	2 1	10 50	2 19	10 14	0 37	13 44	1 25	21 31	1 36	0 10	0 40	22 22	0 45	0 36	11 39	12 7	11 32	26 40			n.a.
F 18	23 9	24 8	2 49	25 38	2 1	11 16	2 17	10 30	0 37	13 41	1 25	21 30	1 36	0 11	0 40	22 22	0 45	0 35	11 39	12 6	11 31	26 39			n.a.
S 19	23 15	27 12	3 49	25 43	2 1	11 41	2 15	10 46	0 36	13 38	1 25	21 28	1 36	0 11	0 40	22 22	0 45	0 35	11 39	12 4	11 30	26 38			n.a.
S 20	23 21	28 20	4 34	25 46	2 0	12 6	2 13	11 1	0 35	13 34	1 25	21 27	1 36	0 12	0 40	22 22	0 45	0 35	11 40	12 1	11 29	26 37			n.a.
M21	23 26	27 23	5 1	25 47	1 58	12 31	2 12	11 17	0 35	13 31	1 24	21 25	1 36	0 12	0 40	22 22	0 45	0 34	11 40	11 58	11 28	26 36			n.a.
T 22	23 30	24 28	5 6	25 47	1 56	12 56	2 10	11 32	0 34	13 28	1 24	21 24	1 36	0 13	0 40	22 21	0 45	0 34	11 40	11 56	11 26	26 35			n.a.
W23	23 34	19 59	4 51	25 44	1 54	13 21	2 8	11 48	0 33	13 24	1 24	21 22	1 36	0 14	0 40	22 21	0 45	0 34	11 40	11 53	11 25	26 33			n.a.
T 24	23 38	14 27	4 18	25 39	1 50	13 45	2 5	12 3	0 33	13 20	1 24	21 21	1 36	0 14	0 40	22 21	0 45	0 33	11 41	11 52	11 24	26 32			n.a.
F 25	23 41	8 19	3 31	25 32	1 46	14 9	2 3	12 19	0 32	13 17	1 23	21 19	1 36	0 15	0 40	22 21	0 45	0 33	11 41	11 51	11 23	26 31			n.a.
S 26	23 44	1 58	2 32	25 23	1 42	14 33	2 1	12 34	0 32	13 13	1 23	21 18	1 36	0 15	0 40	22 21	0 45	0 33	11 41	11 51	11 22	26 30			n.a.
S 27	23 46	4n20	1 27	25 12	1 36	14 56	1 59	12 49	0 31	13 9	1 23	21 16	1 36	0 15	0 40	22 21	0 45	0 32	11 41	11 52	11 21	26 28			n.a.
M28	23 48	10 18	0 19	24 58	1 30	15 19	1 56	13 4	0 30	13 6	1 23	21 14	1 36	0 16	0 40	22 21	0 45	0 32	11 42	11 52	11 20	26 27			n.a.
T 29	23 49	15 44	0n49	24 43	1 23	15 42	1 54	13 19	0 29	13 2	1 23	21 13	1 36	0 16	0 40	22 20	0 45	0 32	11 42	11 52	11 18	26 26			n.a.
W30	23 50	20 26	1 53	24 26	1 15	16 4	1 51	13 34	0 29	12 58	1 22	21 11	1 36	0 17	0 40	22 20	0 45	0 32	11 42	11 51	11 17	26 25			n.a.
T 31	23s50	24n11	2n51	24s 6	1s 7	16s26	1n49	13s48	0n28	12s54	1s22	21s10	1s36	0s17	0n40	22n20	0s44	0n31	11n42	11n49	11n16	26n23			n.a.

Julian Day Number = 1277248.5, Delta T = 08h11m32s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'36, Lahiri = -20°44'36 Julian Calendar 1 Dec. 1217 BCE == Greg. Calendar 20 Nov. 1217 BCE

The year -1216 astronomical counting style corresponds to year 1217 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1216 BCE
geocentric

JANUARY 1216 BCE (-1215) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 57 39	0♉47'20	16♊39	16♉27	21♏45	8♏13	0♓16	3♒58	2♎14	15°R47	26♎29	0°R19	28♈52	25♋52	n.a.	F 1
S 2	6 1 35	1°48'02	28°43	18° 1	22°57	8°56	0°27	4° 5	2°15	15♊45	26°31	0♌ 9	28°48	25°59	n.a.	S 2
S 3	6 5 32	2°48'43	10♋41	19°33	24° 9	9°38	0°37	4°12	2°16	15°44	26°32	29♈57	28°45	26° 6	n.a.	S 3
M 4	6 9 29	3°49'22	22°36	21° 1	25°21	10°21	0°48	4°19	2°17	15°42	26°33	29°44	28°42	26°12	n.a.	M 4
T 5	6 13 25	4°50'00	4♌29	22°24	26°34	11° 3	0°59	4°26	2°18	15°41	26°34	29°31	28°39	26°19	n.a.	T 5
W 6	6 17 22	5°50'36	16°21	23°42	27°46	11°46	1°10	4°32	2°18	15°39	26°35	29°20	28°36	26°26	n.a.	W 6
T 7	6 21 18	6°51'11	28°14	24°54	28°58	12°28	1°21	4°39	2°19	15°38	26°37	29°11	28°32	26°33	n.a.	T 7
F 8	6 25 15	7°51'44	10♍13	26° 0	0♐11	13°11	1°32	4°46	2°19	15°36	26°38	29° 5	28°29	26°39	n.a.	F 8
S 9	6 29 11	8°52'15	22°20	26°58	1°23	13°54	1°43	4°53	2°20	15°34	26°39	29° 1	28°26	26°46	n.a.	S 9
S 10	6 33 8	9°52'45	4♎41	27°49	2°36	14°36	1°55	5° 0	2°20	15°33	26°40	29° 0	28°23	26°53	n.a.	S 10
M11	6 37 4	10°53'14	17°20	28°30	3°48	15°19	2° 6	5° 8	2°20	15°31	26°41	29°D 0	28°20	26°59	n.a.	M11
T 12	6 41 1	11°53'41	0♏21	29° 3	5° 1	16° 2	2°17	5°15	2°21	15°30	26°42	29°R 0	28°17	27° 6	n.a.	T 12
W13	6 44 58	12°54'06	13°50	29°26	6°13	16°44	2°29	5°22	2°21	15°28	26°43	29° 0	28°13	27°13	n.a.	W13
T 14	6 48 54	13°54'30	27°48	29°40	7°26	17°27	2°41	5°29	2°21	15°27	26°43	28°57	28°10	27°20	n.a.	T 14
F 15	6 52 51	14°54'53	12♐16	29°R43	8°38	18°10	2°53	5°36	2°21	15°26	26°44	28°51	28° 7	27°26	n.a.	F 15
S 16	6 56 47	15°55'14	27°10	29°37	9°51	18°53	3° 4	5°43	2°21	15°24	26°45	28°43	28° 4	27°33	n.a.	S 16
S 17	7 0 44	16°55'33	12♑22	29°20	11° 4	19°35	3°16	5°51	2°R21	15°23	26°46	28°33	28° 1	27°40	n.a.	S 17
M18	7 4 40	17°55'50	27°42	28°54	12°16	20°18	3°28	5°58	2°21	15°21	26°47	28°21	27°58	27°47	n.a.	M18
T 19	7 8 37	18°56'05	12♒58	28°20	13°29	21° 1	3°40	6° 5	2°21	15°20	26°47	28°10	27°54	27°53	n.a.	T 19
W20	7 12 33	19°56'18	28° 0	27°38	14°42	21°44	3°53	6°13	2°21	15°19	26°48	28° 1	27°51	28° 0	n.a.	W20
T 21	7 16 30	20°56'28	12♓39	26°49	15°55	22°27	4° 5	6°20	2°21	15°17	26°49	27°54	27°48	28° 7	n.a.	T 21
F 22	7 20 27	21°56'37	26°51	25°55	17° 7	23°10	4°17	6°27	2°21	15°16	26°49	27°50	27°45	28°13	n.a.	F 22
S 23	7 24 23	22°56'43	10♈34	24°56	18°20	23°53	4°30	6°35	2°20	15°15	26°50	27°48	27°42	28°20	n.a.	S 23
S 24	7 28 20	23°56'47	23°50	23°55	19°33	24°35	4°42	6°42	2°20	15°14	26°51	27°48	27°38	28°27	n.a.	S 24
M25	7 32 16	24°56'48	6♉42	22°53	20°46	25°18	4°55	6°50	2°20	15°12	26°51	27°48	27°35	28°34	n.a.	M25
T 26	7 36 13	25°56'47	19°16	21°52	21°58	26° 1	5° 7	6°57	2°19	15°11	26°52	27°47	27°32	28°40	n.a.	T 26
W27	7 40 9	26°56'44	1♊35	20°52	23°11	26°44	5°20	7° 5	2°19	15°10	26°52	27°43	27°29	28°47	n.a.	W27
T 28	7 44 6	27°56'39	13°43	19°55	24°24	27°27	5°33	7°12	2°18	15° 9	26°52	27°37	27°26	28°54	n.a.	T 28
F 29	7 48 2	28°56'31	25°43	19° 2	25°37	28°10	5°46	7°20	2°17	15° 8	26°53	27°28	27°23	29° 1	n.a.	F 29
S 30	7 51 59	29°56'21	7♋40	18°14	26°50	28°53	5°59	7°27	2°17	15° 7	26°53	27°16	27°19	29° 7	n.a.	S 30
S 31	7 55 56	0♒56'09	19♋33	17♉31	28♐ 3	29♏36	6♓12	7♒35	2♎16	15♊ 5	26♎53	27♈ 3	27♈16	29♋14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s50	26n48	3n40	23 s45	0 s57	16 s48	1n46	14 s 3	0n27	12 s50	1 s22	21 s 8	1 s36	0 s17	0n40	22n20	0 s44	0n31	11n43	11n46	11n15	26n22		n.a.
S 2	23 50	28 9	4 19	23 23	0 47	17 9	1 44	14 17	0 27	12 46	1 22	21 6	1 36	0 18	0 40	22 20	0 44	0 31	11 43	11 43	11 14	26 21		n.a.
S 3	23 49	28 9	4 45	22 59	0 36	17 30	1 41	14 32	0 26	12 42	1 22	21 5	1 36	0 18	0 40	22 20	0 44	0 31	11 43	11 38	11 13	26 20		n.a.
M 4	23 47	26 50	5 0	22 34	0 24	17 50	1 38	14 46	0 25	12 38	1 21	21 3	1 36	0 18	0 41	22 19	0 44	0 31	11 43	11 34	11 12	26 18		n.a.
T 5	23 45	24 19	5 1	22 8	0 11	18 10	1 35	15 0	0 25	12 34	1 21	21 1	1 36	0 18	0 41	22 19	0 44	0 31	11 44	11 29	11 10	26 17		n.a.
W 6	23 43	20 47	4 49	21 41	0n 3	18 29	1 33	15 14	0 24	12 30	1 21	21 0	1 36	0 19	0 41	22 19	0 44	0 30	11 44	11 25	11 9	26 16		n.a.
T 7	23 40	16 24	4 25	21 14	0 17	18 48	1 30	15 28	0 23	12 26	1 21	20 58	1 36	0 19	0 41	22 19	0 44	0 30	11 44	11 22	11 8	26 14		n.a.
F 8	23 36	11 23	3 48	20 47	0 32	19 7	1 27	15 42	0 22	12 22	1 21	20 56	1 36	0 19	0 41	22 19	0 44	0 30	11 45	11 20	11 7	26 13		n.a.
S 9	23 32	5 52	3 1	20 20	0 48	19 25	1 24	15 56	0 21	12 17	1 20	20 54	1 36	0 19	0 41	22 19	0 44	0 30	11 45	11 19	11 6	26 12		n.a.
S 10	23 28	0 1	2 5	19 55	1 4	19 42	1 21	16 10	0 21	12 13	1 20	20 53	1 36	0 19	0 41	22 19	0 44	0 30	11 45	11 18	11 5	26 10		n.a.
M11	23 23	5 s58	1 2	19 30	1 20	19 59	1 18	16 23	0 20	12 9	1 20	20 51	1 36	0 20	0 41	22 18	0 44	0 30	11 45	11 18	11 4	26 9		n.a.
T 12	23 18	11 54	0 s 7	19 7	1 37	20 16	1 15	16 36	0 19	12 4	1 20	20 49	1 36	0 20	0 41	22 18	0 44	0 30	11 46	11 18	11 2	26 8		n.a.
W13	23 12	17 29	1 18	18 46	1 53	20 32	1 12	16 50	0 18	12 0	1 20	20 47	1 36	0 20	0 41	22 18	0 44	0 30	11 46	11 18	11 1	26 6		n.a.
T 14	23 6	22 22	2 26	18 27	2 10	20 47	1 9	17 3	0 17	11 55	1 19	20 45	1 36	0 20	0 41	22 18	0 44	0 30	11 46	11 17	11 0	26 5		n.a.
F 15	22 59	26 4	3 27	18 11	2 26	21 2	1 6	17 16	0 17	11 51	1 19	20 44	1 36	0 20	0 41	22 18	0 44	0 30	11 47	11 15	10 59	26 4		n.a.
S 16	22 52	28 5	4 17	17 57	2 41	21 16	1 3	17 28	0 16	11 46	1 19	20 42	1 36	0 20	0 41	22 18	0 44	0 30	11 47	11 12	10 58	26 2		n.a.
S 17	22 45	28 3	4 49	17 46	2 56	21 30	1 0	17 41	0 15	11 42	1 19	20 40	1 36	0 20	0 41	22 18	0 44	0 30	11 47	11 8	10 57	26 1		n.a.
M18	22 37	25 52	5 0	17 38	3 9	21 43	0 56	17 54	0 14	11 37	1 19	20 38	1 36	0 20	0 41	22 17	0 44	0 30	11 48	11 4	10 55	25 59		n.a.
T 19	22 29	21 50	4 50	17 33	3 21	21 55	0 53	18 6	0 13	11 33	1 19	20 36	1 36	0 20	0 41	22 17	0 44	0 30	11 48	11 0	10 54	25 58		n.a.
W20	22 20	16 26	4 21	17 32	3 32	22 7	0 50	18 18	0 12	11 28	1 18	20 34	1 36	0 20	0 41	22 17	0 44	0 30	11 48	10 57	10 53	25 57		n.a.
T 21	22 11	10 12	3 34	17 33	3 40	22 18	0 47	18 30	0 12	11 23	1 18	20 33	1 36	0 19	0 41	22 17	0 44	0 30	11 48	10 54	10 52	25 55		n.a.
F 22	22 1	3 39	2 36	17 36	3 47	22 29	0 44	18 42	0 11	11 18	1 18	20 31	1 36	0 19	0 41	22 17	0 44	0 30	11 49	10 53	10 51	25 54		n.a.
S 23	21 51	2n53	1 30	17 42	3 52	22 39	0 41	18 54	0 10	11 14	1 18	20 29	1 36	0 19	0 41	22 17	0 44	0 30	11 49	10 52	10 50	25 52		n.a.
S 24	21 41	9 4	0 21	17 51	3 54	22 48	0 37	19 5	0 9	11 9	1 18	20 27	1 36	0 19	0 41	22 17	0 44	0 30	11 49	10 52	10 49	25 51		n.a.
M25	21 30	14 43	0n47	18 1	3 54	22 57	0 34	19 17	0 8	11 4	1 18	20 25	1 36	0 19	0 41	22 17	0 44	0 30	11 50	10 52	10 47	25 49		n.a.
T 26	21 19	19 36	1 51	18 13	3 52	23 5	0 31	19 28	0 7	10 59	1 17	20 23	1 36	0 19	0 41	22 17	0 44	0 30	11 50	10 51	10 46	25 48		n.a.
W27	21 7	23 34	2 48	18 26	3 49	23 12	0 28	19 39	0 6	10 54	1 17	20 21	1 36	0 18	0 41	22 16	0 44	0 31	11 50	10 50	10 45	25 47		n.a.
T 28	20 55	26 25	3 37	18 40	3 43	23 18	0 25	19 50	0 5	10 49	1 17	20 19	1 36	0 18	0 41	22 16	0 44	0 31	11 51	10 48	10 44	25 45		n.a.
F 29	20 43	28 1	4 15	18 54	3 36	23 24	0 22	20 1	0 4	10 45	1 17	20 17	1 36	0 18	0 41	22 16	0 44	0 31	11 51	10 45	10 43	25 44		n.a.
S 30	20 30	28 18	4 42	19 10	3 27	23 30	0 19	20 11	0 3	10 40	1 17	20 16	1 36	0 17	0 41	22 16	0 44	0 31	11 51	10 40	10 42	25 42		n.a.
S 31	20 s17	27n17	4n57	19 s25	3n17	23 s34	0n15	20 s22	0n 2	10 s35	1 s17	20 s14	1 s36	0 s17	0n41	22n16	0 s44	0n31	11n52	10n35	10n40	25n41		n.a.

Julian Day Number = 1277279.5, Delta T = 08h11m30s
Ecliptic obliquity = 23°50'28, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'32, Lahiri = -20°44'32 Julian Calendar 1 Jan. 1216 BCE == Greg. Calendar 21 Dec. 1217 BCE

The year -1215 astronomical counting style corresponds to year 1216 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1216 BCE
geocentric

FEBRUARY 1216 BCE (-1215) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 59 52	1♒55'54	1♌26	16°R54	29♐15	0♐19	6♓25	7♒42	2°R15	15°R 4	26♎54	26°R48	27♈13	29♋21	n.a.	M 1
T 2	8 3 49	2°55'38	13°19	16♏24	0♏28	1° 2	6°38	7°50	2♎14	15♊ 3	26°54	26♈33	27°10	29°27	n.a.	T 2
W 3	8 7 45	3°55'19	25°14	16° 0	1°41	1°45	6°51	7°57	2°14	15° 2	26°54	26°20	27° 7	29°34	n.a.	W 3
T 4	8 11 42	4°54'59	7♍11	15°42	2°54	2°28	7° 4	8° 5	2°13	15° 1	26°54	26°10	27° 4	29°41	n.a.	T 4
F 5	8 15 38	5°54'36	19°15	15°31	4° 7	3°11	7°17	8°12	2°12	15° 0	26°54	26° 2	27° 0	29°48	n.a.	F 5
S 6	8 19 35	6°54'11	1♎26	15°D26	5°20	3°54	7°30	8°20	2°11	14°59	26°55	25°57	26°57	29°54	n.a.	S 6
S 7	8 23 31	7°53'44	13°49	15°28	6°33	4°38	7°44	8°27	2°10	14°59	26°55	25°55	26°54	0♌ 1	n.a.	S 7
M 8	8 27 28	8°53'16	26°27	15°35	7°46	5°21	7°57	8°35	2° 8	14°58	26°55	25°D54	26°51	0° 8	n.a.	M 8
T 9	8 31 24	9°52'45	9♏24	15°47	8°59	6° 4	8°11	8°42	2° 7	14°57	26°R55	25°R55	26°48	0°15	n.a.	T 9
W10	8 35 21	10°52'13	22°46	16° 5	10°12	6°47	8°24	8°50	2° 6	14°56	26°55	25°54	26°44	0°21	n.a.	W10
T 11	8 39 18	11°51'39	6♐34	16°29	11°25	7°30	8°38	8°57	2° 5	14°55	26°55	25°52	26°41	0°28	n.a.	T 11
F 12	8 43 14	12°51'03	20°50	16°56	12°38	8°13	8°51	9° 5	2° 3	14°55	26°54	25°47	26°38	0°35	n.a.	F 12
S 13	8 47 11	13°50'25	5♑32	17°29	13°51	8°56	9° 5	9°13	2° 2	14°54	26°54	25°40	26°35	0°41	n.a.	S 13
S 14	8 51 7	14°49'45	20°35	18° 5	15° 4	9°40	9°18	9°20	2° 1	14°53	26°54	25°31	26°32	0°48	n.a.	S 14
M15	8 55 4	15°49'03	5♒51	18°46	16°17	10°23	9°32	9°28	1°59	14°52	26°54	25°21	26°29	0°55	n.a.	M15
T 16	8 59 0	16°48'19	21° 8	19°30	17°30	11° 6	9°46	9°35	1°58	14°52	26°54	25°11	26°25	1° 2	n.a.	T 16
W17	9 2 57	17°47'32	6♓16	20°17	18°43	11°49	10° 0	9°43	1°56	14°51	26°53	25° 2	26°22	1° 8	n.a.	W17
T 18	9 6 53	18°46'43	21° 4	21° 8	19°56	12°32	10°13	9°50	1°55	14°51	26°53	24°55	26°19	1°15	n.a.	T 18
F 19	9 10 50	19°45'52	5♈26	22° 3	21° 9	13°15	10°27	9°58	1°53	14°50	26°53	24°52	26°16	1°22	n.a.	F 19
S 20	9 14 47	20°44'59	19°19	23° 0	22°22	13°59	10°41	10° 5	1°51	14°50	26°52	24°D50	26°13	1°29	n.a.	S 20
S 21	9 18 43	21°44'03	2♉43	24° 0	23°35	14°42	10°55	10°12	1°50	14°49	26°52	24°50	26°10	1°35	n.a.	S 21
M22	9 22 40	22°43'04	15°41	25° 2	24°48	15°25	11° 9	10°20	1°48	14°49	26°52	24°51	26° 6	1°42	n.a.	M22
T 23	9 26 36	23°42'03	28°17	26° 7	26° 1	16° 8	11°23	10°27	1°46	14°48	26°51	24°R51	26° 3	1°49	n.a.	T 23
W24	9 30 33	24°41'00	10♊35	27°15	27°14	16°51	11°37	10°35	1°44	14°48	26°51	24°49	26° 0	1°55	n.a.	W24
T 25	9 34 29	25°39'54	22°41	28°25	28°28	17°34	11°51	10°42	1°42	14°48	26°50	24°46	25°57	2° 2	n.a.	T 25
F 26	9 38 26	26°38'46	4♋38	29°37	29°41	18°18	12° 5	10°50	1°41	14°47	26°50	24°40	25°54	2° 9	n.a.	F 26
S 27	9 42 22	27°37'36	16°31	0♒51	0♒54	19° 1	12°19	10°57	1°39	14°47	26°49	24°32	25°50	2°16	n.a.	S 27
S 28	9 46 19	28♒36'23	28♋22	2♒ 8	2♒ 7	19♐44	12♓33	11♒ 4	1♎37	14♊47	26♎48	24♈22	25♈47	2♌22	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s 4	25n 1	4n58	19s41	3n 5	23s38	0n12	20s32	0n 1	10s30	1s17	20s12	1s36	0s17	0n41	22n16	0s44	0n31	11n52	10n30	10n39	25n39		n.a.
T 2	19 50	21 40	4 47	19 57	2 53	23 41	0 9	20 42	0 0	10 24	1 16	20 10	1 36	0 16	0 41	22 16	0 44	0 32	11 52	10 25	10 38	25 38		n.a.
W 3	19 36	17 26	4 23	20 12	2 41	23 44	0 6	20 52	0s 1	10 19	1 16	20 8	1 36	0 16	0 41	22 16	0 44	0 32	11 53	10 20	10 37	25 36		n.a.
T 4	19 21	12 31	3 47	20 27	2 28	23 45	0 3	21 2	0 2	10 14	1 16	20 6	1 36	0 16	0 41	22 16	0 44	0 32	11 53	10 16	10 36	25 35		n.a.
F 5	19 7	7 5	3 1	20 42	2 14	23 46	0 0	21 11	0 3	10 9	1 16	20 4	1 36	0 15	0 41	22 16	0 44	0 32	11 53	10 13	10 35	25 33		n.a.
S 6	18 51	1 20	2 6	20 56	2 1	23 47	0s 3	21 21	0 4	10 4	1 16	20 2	1 36	0 15	0 42	22 16	0 44	0 33	11 53	10 11	10 33	25 31		n.a.
S 7	18 36	4s34	1 4	21 10	1 47	23 46	0 6	21 30	0 5	9 59	1 16	20 0	1 36	0 14	0 42	22 16	0 44	0 33	11 54	10 11	10 32	25 30		n.a.
M 8	18 20	10 25	0s 3	21 22	1 33	23 45	0 9	21 39	0 6	9 54	1 16	19 58	1 36	0 14	0 42	22 15	0 43	0 33	11 54	10 10	10 31	25 28		n.a.
T 9	18 4	15 59	1 11	21 34	1 20	23 43	0 12	21 47	0 7	9 48	1 16	19 56	1 36	0 13	0 42	22 15	0 43	0 33	11 54	10 10	10 30	25 27		n.a.
W10	17 48	20 59	2 17	21 45	1 6	23 41	0 14	21 56	0 8	9 43	1 16	19 54	1 36	0 13	0 42	22 15	0 43	0 34	11 55	10 10	10 29	25 25		n.a.
T 11	17 31	25 1	3 18	21 56	0 53	23 38	0 17	22 4	0 9	9 38	1 15	19 52	1 36	0 12	0 42	22 15	0 43	0 34	11 55	10 9	10 28	25 24		n.a.
F 12	17 14	27 38	4 8	22 5	0 40	23 34	0 20	22 12	0 10	9 33	1 15	19 50	1 37	0 12	0 42	22 15	0 43	0 34	11 55	10 8	10 26	25 22		n.a.
S 13	16 57	28 27	4 43	22 13	0 28	23 29	0 23	22 20	0 11	9 27	1 15	19 48	1 37	0 11	0 42	22 15	0 43	0 35	11 56	10 5	10 25	25 21		n.a.
S 14	16 40	27 11	5 1	22 20	0 15	23 24	0 26	22 28	0 12	9 22	1 15	19 46	1 37	0 11	0 42	22 15	0 43	0 35	11 56	10 2	10 24	25 19		n.a.
M15	16 22	23 54	4 57	22 27	0 4	23 18	0 28	22 36	0 13	9 17	1 15	19 44	1 37	0 10	0 42	22 15	0 43	0 35	11 56	9 58	10 23	25 17		n.a.
T 16	16 4	18 58	4 32	22 32	0s 8	23 11	0 31	22 43	0 14	9 11	1 15	19 42	1 37	0 9	0 42	22 15	0 43	0 36	11 57	9 54	10 22	25 16		n.a.
W17	15 45	12 53	3 48	22 35	0 19	23 4	0 33	22 50	0 15	9 6	1 15	19 40	1 37	0 9	0 42	22 15	0 43	0 36	11 57	9 51	10 21	25 14		n.a.
T 18	15 27	6 11	2 49	22 38	0 29	22 56	0 36	22 57	0 16	9 1	1 15	19 38	1 37	0 8	0 42	22 15	0 43	0 36	11 57	9 48	10 19	25 12		n.a.
F 19	15 8	0n39	1 41	22 39	0 39	22 47	0 39	23 4	0 18	8 55	1 15	19 36	1 37	0 7	0 42	22 15	0 43	0 37	11 57	9 47	10 18	25 11		n.a.
S 20	14 49	7 14	0 29	22 39	0 49	22 37	0 41	23 10	0 19	8 50	1 15	19 34	1 37	0 7	0 42	22 15	0 43	0 37	11 58	9 46	10 17	25 9		n.a.
S 21	14 30	13 16	0n42	22 38	0 58	22 27	0 43	23 17	0 20	8 44	1 14	19 32	1 37	0 6	0 42	22 15	0 43	0 38	11 58	9 46	10 16	25 8		n.a.
M22	14 10	18 32	1 49	22 35	1 7	22 17	0 46	23 23	0 21	8 39	1 14	19 30	1 37	0 5	0 42	22 15	0 43	0 38	11 58	9 47	10 15	25 6		n.a.
T 23	13 51	22 51	2 48	22 31	1 15	22 5	0 48	23 28	0 22	8 33	1 14	19 28	1 37	0 5	0 42	22 15	0 43	0 39	11 59	9 47	10 14	25 4		n.a.
W24	13 31	26 1	3 39	22 25	1 23	21 53	0 50	23 34	0 23	8 28	1 14	19 26	1 38	0 4	0 42	22 15	0 43	0 39	11 59	9 46	10 12	25 3		n.a.
T 25	13 11	27 56	4 18	22 18	1 31	21 40	0 53	23 39	0 25	8 22	1 14	19 24	1 38	0 3	0 42	22 15	0 43	0 39	11 59	9 45	10 11	25 1		n.a.
F 26	12 50	28 31	4 46	22 10	1 38	21 27	0 55	23 45	0 26	8 17	1 14	19 22	1 38	0 2	0 42	22 15	0 43	0 40	11 59	9 43	10 10	24 59		n.a.
S 27	12 30	27 47	5 1	22 0	1 44	21 13	0 57	23 50	0 27	8 11	1 14	19 20	1 38	0 1	0 42	22 15	0 43	0 40	12 0	9 40	10 9	24 58		n.a.
S 28	12s 9	25n47	5n 4	21s48	1s50	20s59	0s59	23s54	0s28	8s 6	1s14	19s19	1s38	0s 1	0n42	22n15	0s43	0n41	12n 0	9n36	10n 8	24n56		n.a.

Julian Day Number = 1277310.5, Delta T = 08h11m28s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'28, Lahiri = -20°44'27 Julian Calendar 1 Feb. 1216 BCE == Greg. Calendar 21 Jan. 1216 BCE

The year -1215 astronomical counting style corresponds to year 1216 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1216 BCE
geocentric

MARCH 1216 BCE (-1215) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 50 15	29♒35'08	10♌15	3♒26	3♒20	20♐27	12♓47	11♒12	1°R35	14°R47	26°R48	24°R11	25♈44	2♌29	n.a.	M 1
T 2	9 54 12	0♓33'51	22°11	4°46	4°33	21°10	13° 1	11°19	1♎33	14♊46	26♎47	24♈ 1	25°41	2°36	n.a.	T 2
W 3	9 58 9	1°32'31	4♍11	6° 8	5°46	21°53	13°16	11°26	1°31	14°46	26°46	23°51	25°38	2°42	n.a.	W 3
T 4	10 2 5	2°31'09	16°17	7°32	6°59	22°37	13°30	11°33	1°29	14°46	26°46	23°44	25°35	2°49	n.a.	T 4
F 5	10 6 2	3°29'46	28°31	8°58	8°12	23°20	13°44	11°41	1°27	14°46	26°45	23°38	25°31	2°56	n.a.	F 5
S 6	10 9 58	4°28'20	10♎53	10°26	9°25	24° 3	13°58	11°48	1°24	14°46	26°44	23°35	25°28	3° 3	n.a.	S 6
S 7	10 13 55	5°26'52	23°27	11°55	10°38	24°46	14°12	11°55	1°22	14°D46	26°43	23°D35	25°25	3° 9	n.a.	S 7
M 8	10 17 51	6°25'23	6♏14	13°26	11°51	25°29	14°26	12° 2	1°20	14°46	26°42	23°35	25°22	3°16	n.a.	M 8
T 9	10 21 48	7°23'52	19°16	14°59	13° 5	26°12	14°41	12° 9	1°18	14°46	26°41	23°36	25°19	3°23	n.a.	T 9
W10	10 25 44	8°22'19	2♐38	16°33	14°18	26°55	14°55	12°16	1°16	14°46	26°41	23°R37	25°16	3°30	n.a.	W10
T 11	10 29 41	9°20'45	16°21	18° 9	15°31	27°39	15° 9	12°23	1°13	14°46	26°40	23°37	25°12	3°36	n.a.	T 11
F 12	10 33 37	10°19'08	0♑26	19°47	16°44	28°22	15°23	12°30	1°11	14°46	26°39	23°36	25° 9	3°43	n.a.	F 12
S 13	10 37 34	11°17'31	14°52	21°27	17°57	29° 5	15°38	12°37	1° 9	14°47	26°38	23°32	25° 6	3°50	n.a.	S 13
S 14	10 41 31	12°15'51	29°36	23° 8	19°10	29°48	15°52	12°44	1° 6	14°47	26°37	23°27	25° 3	3°56	n.a.	S 14
M15	10 45 27	13°14'10	14♒33	24°51	20°23	0♑31	16° 6	12°51	1° 4	14°47	26°36	23°21	25° 0	4° 3	n.a.	M15
T 16	10 49 24	14°12'27	29°33	26°35	21°37	1°14	16°20	12°58	1° 2	14°47	26°35	23°15	24°56	4°10	n.a.	T 16
W17	10 53 20	15°10'41	14♓28	28°22	22°50	1°57	16°35	13° 5	0°59	14°48	26°33	23°10	24°53	4°17	n.a.	W17
T 18	10 57 17	16° 8'54	29° 9	0♈10	24° 3	2°40	16°49	13°11	0°57	14°48	26°32	23° 7	24°50	4°23	n.a.	T 18
F 19	11 1 13	17° 7'05	13♈30	1°59	25°16	3°23	17° 3	13°18	0°54	14°49	26°31	23° 5	24°47	4°30	n.a.	F 19
S 20	11 5 10	18° 5'14	27°26	3°51	26°29	4° 6	17°18	13°25	0°52	14°49	26°30	23°D 4	24°44	4°37	n.a.	S 20
S 21	11 9 6	19° 3'21	10♉55	5°44	27°42	4°49	17°32	13°31	0°50	14°49	26°29	23° 5	24°41	4°43	n.a.	S 21
M22	11 13 3	20° 1'26	23°59	7°38	28°56	5°32	17°46	13°38	0°47	14°50	26°28	23° 7	24°37	4°50	n.a.	M22
T 23	11 17 0	20°59'29	6♊40	9°35	0♓ 9	6°14	18° 0	13°45	0°45	14°50	26°26	23° 8	24°34	4°57	n.a.	T 23
W24	11 20 56	21°57'30	19° 2	11°33	1°22	6°57	18°15	13°51	0°42	14°51	26°25	23°R 9	24°31	5° 4	n.a.	W24
T 25	11 24 53	22°55'29	1♋10	13°33	2°35	7°40	18°29	13°58	0°40	14°52	26°24	23° 9	24°28	5°10	n.a.	T 25
F 26	11 28 49	23°53'26	13° 8	15°34	3°48	8°23	18°43	14° 4	0°37	14°52	26°23	23° 7	24°25	5°17	n.a.	F 26
S 27	11 32 46	24°51'21	25° 1	17°37	5° 1	9° 5	18°57	14°10	0°35	14°53	26°21	23° 4	24°21	5°24	n.a.	S 27
S 28	11 36 42	25°49'14	6♌53	19°41	6°15	9°48	19°11	14°17	0°32	14°53	26°20	23° 1	24°18	5°31	n.a.	S 28
M29	11 40 39	26°47'05	18°48	21°47	7°28	10°31	19°26	14°23	0°30	14°54	26°19	22°56	24°15	5°37	n.a.	M29
T 30	11 44 35	27°44'54	0♍47	23°54	8°41	11°14	19°40	14°29	0°27	14°55	26°17	22°52	24°12	5°44	n.a.	T 30
W31	11 48 32	28♓42'41	12♍55	26♓ 2	9♓54	11♑56	19♓54	14♒35	0♎25	14♊56	26♎16	22♈48	24♈ 9	5♌51	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s48	22n39	4n53	21s35	1s55	20s43	1s 1	23s59	0s29	8s 0	1s14	19s17	1s38	0n 0	0n42	22n15	0s43	0n41	12n 0	9n32	10n 7	24n54		n.a.
T 2	11 27	18 34	4 29	21 20	2 0	20 28	1 3	24 3	0 31	7 55	1 14	19 15	1 38	0 1	0 42	22 15	0 43	0 42	12 0	9 28	10 5	24 52		n.a.
W 3	11 6	13 45	3 53	21 4	2 5	20 11	1 5	24 7	0 32	7 49	1 14	19 13	1 38	0 2	0 42	22 15	0 43	0 42	12 1	9 25	10 4	24 51		n.a.
T 4	10 45	8 21	3 6	20 46	2 9	19 54	1 7	24 11	0 33	7 44	1 14	19 11	1 38	0 3	0 42	22 15	0 43	0 43	12 1	9 22	10 3	24 49		n.a.
F 5	10 24	2 35	2 11	20 26	2 12	19 37	1 8	24 15	0 34	7 38	1 14	19 9	1 38	0 4	0 42	22 15	0 43	0 43	12 1	9 20	10 2	24 47		n.a.
S 6	10 2	3s21	1 8	20 5	2 15	19 19	1 10	24 18	0 36	7 32	1 14	19 7	1 39	0 4	0 42	22 15	0 43	0 44	12 1	9 19	10 1	24 46		n.a.
S 7	9 40	9 15	0 1	19 42	2 18	19 0	1 12	24 21	0 37	7 27	1 14	19 5	1 39	0 5	0 42	22 15	0 43	0 44	12 2	9 18	9 59	24 44		n.a.
M 8	9 18	14 53	1s 8	19 18	2 19	18 41	1 13	24 24	0 38	7 21	1 14	19 3	1 39	0 6	0 42	22 15	0 42	0 45	12 2	9 18	9 58	24 42		n.a.
T 9	8 56	19 59	2 14	18 51	2 21	18 22	1 15	24 27	0 39	7 15	1 13	19 1	1 39	0 7	0 42	22 15	0 42	0 45	12 2	9 19	9 57	24 40		n.a.
W10	8 34	24 13	3 15	18 23	2 22	18 2	1 16	24 29	0 41	7 10	1 13	18 59	1 39	0 8	0 42	22 15	0 42	0 46	12 2	9 19	9 56	24 39		n.a.
T 11	8 12	27 13	4 6	17 54	2 22	17 41	1 17	24 31	0 42	7 4	1 13	18 57	1 39	0 9	0 42	22 15	0 42	0 46	12 3	9 19	9 55	24 37		n.a.
F 12	7 49	28 35	4 44	17 22	2 22	17 20	1 19	24 33	0 43	6 59	1 13	18 55	1 39	0 10	0 42	22 15	0 42	0 47	12 3	9 19	9 54	24 35		n.a.
S 13	7 27	28 3	5 6	16 49	2 21	16 58	1 20	24 35	0 45	6 53	1 13	18 54	1 39	0 11	0 42	22 15	0 42	0 47	12 3	9 17	9 52	24 33		n.a.
S 14	7 4	25 35	5 7	16 14	2 20	16 36	1 21	24 37	0 46	6 47	1 13	18 52	1 40	0 12	0 42	22 15	0 42	0 48	12 3	9 15	9 51	24 31		n.a.
M15	6 42	21 20	4 48	15 38	2 18	16 14	1 22	24 38	0 47	6 42	1 13	18 50	1 40	0 13	0 42	22 15	0 42	0 49	12 3	9 13	9 50	24 30		n.a.
T 16	6 19	15 42	4 10	14 59	2 16	15 51	1 23	24 39	0 49	6 36	1 13	18 48	1 40	0 14	0 42	22 16	0 42	0 49	12 4	9 11	9 49	24 28		n.a.
W17	5 56	9 11	3 14	14 19	2 13	15 28	1 24	24 40	0 50	6 30	1 13	18 46	1 40	0 15	0 42	22 16	0 42	0 50	12 4	9 9	9 48	24 26		n.a.
T 18	5 33	2 16	2 6	13 38	2 10	15 4	1 25	24 40	0 51	6 25	1 13	18 44	1 40	0 16	0 42	22 16	0 42	0 50	12 4	9 8	9 46	24 24		n.a.
F 19	5 10	4n37	0 52	12 54	2 6	14 40	1 26	24 41	0 53	6 19	1 13	18 42	1 40	0 17	0 42	22 16	0 42	0 51	12 4	9 7	9 45	24 22		n.a.
S 20	4 47	11 6	0n24	12 9	2 2	14 15	1 27	24 41	0 54	6 13	1 13	18 41	1 40	0 18	0 42	22 16	0 42	0 51	12 4	9 7	9 44	24 21		n.a.
S 21	4 24	16 52	1 36	11 22	1 57	13 50	1 28	24 41	0 56	6 8	1 13	18 39	1 41	0 19	0 42	22 16	0 42	0 52	12 5	9 7	9 43	24 19		n.a.
M22	4 1	21 40	2 41	10 34	1 51	13 25	1 28	24 40	0 57	6 2	1 13	18 37	1 41	0 20	0 42	22 16	0 42	0 53	12 5	9 8	9 42	24 17		n.a.
T 23	3 38	25 19	3 36	9 43	1 45	12 59	1 29	24 40	0 58	5 56	1 13	18 35	1 41	0 21	0 42	22 16	0 42	0 53	12 5	9 8	9 41	24 15		n.a.
W24	3 14	27 41	4 19	8 52	1 38	12 33	1 29	24 39	1 0	5 51	1 13	18 33	1 41	0 22	0 42	22 16	0 42	0 54	12 5	9 9	9 39	24 13		n.a.
T 25	2 51	28 40	4 50	7 59	1 31	12 7	1 30	24 38	1 1	5 45	1 13	18 32	1 41	0 23	0 42	22 16	0 42	0 54	12 5	9 9	9 38	24 11		n.a.
F 26	2 28	28 17	5 8	7 4	1 24	11 40	1 30	24 37	1 3	5 39	1 13	18 30	1 41	0 24	0 42	22 16	0 42	0 55	12 5	9 8	9 37	24 9		n.a.
S 27	2 5	26 36	5 12	6 8	1 16	11 13	1 30	24 35	1 4	5 34	1 13	18 28	1 42	0 25	0 42	22 17	0 42	0 55	12 5	9 7	9 36	24 8		n.a.
S 28	1 41	23 45	5 4	5 10	1 7	10 46	1 31	24 34	1 6	5 28	1 13	18 27	1 42	0 26	0 42	22 17	0 42	0 56	12 6	9 5	9 35	24 6		n.a.
M29	1 18	19 53	4 42	4 12	0 58	10 19	1 31	24 32	1 7	5 22	1 13	18 25	1 42	0 27	0 42	22 17	0 42	0 57	12 6	9 4	9 33	24 4		n.a.
T 30	0 55	15 13	4 7	3 12	0 49	9 51	1 31	24 30	1 8	5 17	1 13	18 23	1 42	0 28	0 42	22 17	0 42	0 57	12 6	9 2	9 32	24 2		n.a.
W31	0s31	9n54	3n21	2s12	0s39	9s23	1s31	24s27	1s10	5s11	1s13	18s21	1s42	0n29	0n42	22n17	0s42	0n58	12n 6	9n 1	9n31	24n 0		n.a.

Julian Day Number = 1277338.5, Delta T = 08h11m27s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'24, Lahiri = -20°44'24 Julian Calendar 1 March 1216 BCE == Greg. Calendar 18 Feb. 1216 BCE

The year -1215 astronomical counting style corresponds to year 1216 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1216 BCE
geocentric

APRIL 1216 BCE (-1215) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 52 28	29♓40'27	25♍12	28♓11	11♓ 7	12♉39	20♓ 8	14♒41	0°R22	14♊56	26°R14	22°R45	24♈ 6	5♌57	n.a.	T 1
F 2	11 56 25	0♈38'11	7♎40	0♈21	12°21	13°21	20°22	14°47	0♎19	14°57	26♎13	22♈43	24° 2	6° 4	n.a.	F 2
S 3	12 0 22	1°35'54	20°19	2°31	13°34	14° 4	20°36	14°53	0°17	14°58	26°12	22°D43	23°59	6°11	n.a.	S 3
S 4	12 4 18	2°33'35	3♏11	4°41	14°47	14°46	20°51	14°59	0°14	14°59	26°10	22°43	23°56	6°18	n.a.	S 4
M 5	12 8 15	3°31'15	16°16	6°52	16° 0	15°29	21° 5	15° 5	0°12	15° 0	26° 9	22°44	23°53	6°24	n.a.	M 5
T 6	12 12 11	4°28'53	29°34	9° 2	17°13	16°11	21°19	15°11	0° 9	15° 1	26° 7	22°45	23°50	6°31	n.a.	T 6
W 7	12 16 8	5°26'31	13♐ 7	11°12	18°27	16°53	21°33	15°17	0° 7	15° 2	26° 6	22°46	23°47	6°38	n.a.	W 7
T 8	12 20 4	6°24'07	26°55	13°21	19°40	17°36	21°47	15°23	0° 4	15° 3	26° 4	22°47	23°43	6°44	n.a.	T 8
F 9	12 24 1	7°21'42	10♑57	15°28	20°53	18°18	22° 1	15°28	0° 2	15° 4	26° 3	22°R47	23°40	6°51	n.a.	F 9
S 10	12 27 57	8°19'16	25°12	17°35	22° 6	19° 0	22°15	15°34	29♍59	15° 5	26° 1	22°47	23°37	6°58	n.a.	S 10
S 11	12 31 54	9°16'49	9♒38	19°39	23°20	19°42	22°29	15°39	29°57	15° 6	26° 0	22°46	23°34	7° 5	n.a.	S 11
M12	12 35 51	10°14'21	24°10	21°42	24°33	20°24	22°43	15°45	29°54	15° 7	25°58	22°44	23°31	7°11	n.a.	M12
T 13	12 39 47	11°11'52	8♓45	23°43	25°46	21° 6	22°56	15°50	29°52	15° 8	25°57	22°43	23°27	7°18	n.a.	T 13
W14	12 43 44	12° 9'22	23°15	25°42	26°59	21°48	23°10	15°55	29°49	15°10	25°55	22°42	23°24	7°25	n.a.	W14
T 15	12 47 40	13° 6'50	7♈36	27°38	28°13	22°30	23°24	16° 1	29°47	15°11	25°53	22°41	23°21	7°32	n.a.	T 15
F 16	12 51 37	14° 4'17	21°41	29°32	29°26	23°12	23°38	16° 6	29°45	15°12	25°52	22°D41	23°18	7°38	n.a.	F 16
S 17	12 55 33	15° 1'44	5♉27	1♉23	0♈39	23°54	23°52	16°11	29°42	15°13	25°50	22°41	23°15	7°45	n.a.	S 17
S 18	12 59 30	15°59'09	18°53	3°11	1°53	24°35	24° 5	16°16	29°40	15°15	25°49	22°41	23°12	7°52	n.a.	S 18
M19	13 3 26	16°56'32	1♊56	4°57	3° 6	25°17	24°19	16°21	29°37	15°16	25°47	22°42	23° 8	7°58	n.a.	M19
T 20	13 7 23	17°53'55	14°39	6°40	4°19	25°59	24°33	16°26	29°35	15°17	25°45	22°42	23° 5	8° 5	n.a.	T 20
W21	13 11 20	18°51'16	27° 4	8°20	5°32	26°40	24°46	16°31	29°33	15°19	25°44	22°43	23° 2	8°12	n.a.	W21
T 22	13 15 16	19°48'36	9♋14	9°57	6°46	27°21	25° 0	16°35	29°30	15°20	25°42	22°43	22°59	8°19	n.a.	T 22
F 23	13 19 13	20°45'55	21°14	11°31	7°59	28° 3	25°13	16°40	29°28	15°22	25°41	22°R43	22°56	8°25	n.a.	F 23
S 24	13 23 9	21°43'12	3♌ 9	13° 2	9°12	28°44	25°27	16°45	29°26	15°23	25°39	22°43	22°53	8°32	n.a.	S 24
S 25	13 27 6	22°40'28	15° 2	14°30	10°26	29°25	25°40	16°49	29°23	15°25	25°37	22°D43	22°49	8°39	n.a.	S 25
M26	13 31 2	23°37'43	26°58	15°55	11°39	0♒ 6	25°54	16°54	29°21	15°26	25°36	22°43	22°46	8°45	n.a.	M26
T 27	13 34 59	24°34'57	9♍ 1	17°17	12°52	0°47	26° 7	16°58	29°19	15°28	25°34	22°43	22°43	8°52	n.a.	T 27
W28	13 38 55	25°32'10	21°15	18°36	14° 6	1°28	26°20	17° 2	29°17	15°29	25°32	22°43	22°40	8°59	n.a.	W28
T 29	13 42 52	26°29'22	3♎42	19°52	15°19	2° 9	26°33	17° 6	29°15	15°31	25°31	22°44	22°37	9° 6	n.a.	T 29
F 30	13 46 49	27♈26'33	16♎24	21♉ 4	16♈32	2♒49	26♓47	17♒11	29♍12	15♊32	25♎29	22°R44	22♈33	9♌12	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 8	4n 9	2n25	1s11	0s29	8s55	1s31	24s25	1s11	5s 5	1s13	18s20	1s42	0n30	0n42	22n17	0s42	0n58	12n 6	9n 0	9n30	23n58		n.a.
F 2	0n15	1s50	1 22	0 9	0 19	8 26	1 31	24 22	1 13	5 0	1 13	18 18	1 43	0 31	0 42	22 17	0 42	0 59	12 6	8 59	9 29	23 56		n.a.
S 3	0 39	7 52	0 13	0n53	0 8	7 57	1 31	24 19	1 14	4 54	1 13	18 17	1 43	0 32	0 42	22 17	0 42	1 0	12 6	8 59	9 27	23 54		n.a.
S 4	1 2	13 41	0s57	1 56	0n 2	7 29	1 30	24 16	1 16	4 48	1 13	18 15	1 43	0 33	0 42	22 18	0 42	1 0	12 6	8 59	9 26	23 52		n.a.
M 5	1 25	18 59	2 6	2 58	0 13	6 59	1 30	24 12	1 17	4 43	1 13	18 13	1 43	0 34	0 42	22 18	0 41	1 1	12 6	8 59	9 25	23 50		n.a.
T 6	1 49	23 29	3 9	4 0	0 23	6 30	1 30	24 9	1 19	4 37	1 13	18 12	1 43	0 35	0 42	22 18	0 41	1 1	12 7	9 0	9 24	23 48		n.a.
W 7	2 12	26 47	4 3	5 1	0 34	6 1	1 29	24 5	1 20	4 31	1 13	18 10	1 44	0 36	0 42	22 18	0 41	1 2	12 7	9 0	9 23	23 46		n.a.
T 8	2 35	28 32	4 44	6 2	0 44	5 31	1 29	24 1	1 22	4 26	1 13	18 9	1 44	0 37	0 42	22 18	0 41	1 3	12 7	9 0	9 22	23 44		n.a.
F 9	2 58	28 31	5 9	7 2	0 55	5 1	1 28	23 57	1 24	4 20	1 13	18 7	1 44	0 38	0 42	22 18	0 41	1 3	12 7	9 0	9 20	23 43		n.a.
S 10	3 21	26 37	5 15	8 0	1 4	4 31	1 28	23 52	1 25	4 15	1 13	18 6	1 44	0 39	0 42	22 18	0 41	1 4	12 7	9 0	9 19	23 41		n.a.
S 11	3 44	22 59	5 2	8 57	1 14	4 1	1 27	23 48	1 27	4 9	1 13	18 4	1 44	0 40	0 42	22 19	0 41	1 4	12 7	9 0	9 18	23 39		n.a.
M12	4 7	17 55	4 30	9 52	1 23	3 31	1 26	23 43	1 28	4 4	1 13	18 3	1 45	0 41	0 42	22 19	0 41	1 5	12 7	8 59	9 17	23 37		n.a.
T 13	4 30	11 48	3 40	10 46	1 31	3 1	1 25	23 38	1 30	3 58	1 13	18 1	1 45	0 42	0 42	22 19	0 41	1 5	12 7	8 59	9 16	23 35		n.a.
W14	4 53	5 6	2 36	11 38	1 39	2 30	1 24	23 33	1 31	3 52	1 13	18 0	1 45	0 43	0 42	22 19	0 41	1 6	12 7	8 58	9 14	23 33		n.a.
T 15	5 16	1n48	1 23	12 28	1 47	2 0	1 23	23 27	1 33	3 47	1 13	17 58	1 45	0 44	0 42	22 19	0 41	1 7	12 7	8 58	9 13	23 31		n.a.
F 16	5 38	8 30	0 5	13 16	1 54	1 29	1 22	23 22	1 34	3 41	1 13	17 57	1 45	0 45	0 42	22 19	0 41	1 7	12 7	8 58	9 12	23 29		n.a.
S 17	6 1	14 40	1n10	14 1	2 0	0 59	1 21	23 16	1 36	3 36	1 13	17 56	1 46	0 46	0 42	22 20	0 41	1 8	12 7	8 58	9 11	23 27		n.a.
S 18	6 23	19 58	2 20	14 44	2 5	0 28	1 20	23 10	1 38	3 30	1 14	17 54	1 46	0 47	0 42	22 20	0 41	1 8	12 7	8 58	9 10	23 25		n.a.
M19	6 46	24 10	3 21	15 26	2 10	0n 3	1 19	23 4	1 39	3 25	1 14	17 53	1 46	0 48	0 42	22 20	0 41	1 9	12 7	8 58	9 8	23 23		n.a.
T 20	7 8	27 4	4 10	16 4	2 14	0 33	1 18	22 57	1 41	3 20	1 14	17 52	1 46	0 49	0 42	22 20	0 41	1 9	12 7	8 59	9 7	23 20		n.a.
W21	7 30	28 34	4 46	16 41	2 17	1 4	1 17	22 51	1 42	3 14	1 14	17 50	1 46	0 49	0 42	22 20	0 41	1 10	12 7	8 59	9 6	23 18		n.a.
T 22	7 52	28 38	5 8	17 15	2 20	1 35	1 15	22 44	1 44	3 9	1 14	17 49	1 47	0 50	0 42	22 20	0 41	1 11	12 7	8 59	9 5	23 16		n.a.
F 23	8 14	27 20	5 17	17 47	2 22	2 5	1 14	22 37	1 46	3 3	1 14	17 48	1 47	0 51	0 42	22 21	0 41	1 11	12 7	8 59	9 4	23 14		n.a.
S 24	8 36	24 49	5 12	18 17	2 23	2 36	1 13	22 30	1 47	2 58	1 14	17 47	1 47	0 52	0 42	22 21	0 41	1 12	12 7	8 59	9 2	23 12		n.a.
S 25	8 58	21 15	4 53	18 44	2 23	3 7	1 11	22 23	1 49	2 53	1 14	17 46	1 47	0 53	0 42	22 21	0 41	1 12	12 7	8 59	9 1	23 10		n.a.
M26	9 19	16 49	4 22	19 9	2 23	3 37	1 10	22 16	1 50	2 47	1 14	17 44	1 48	0 54	0 42	22 21	0 41	1 13	12 6	8 59	9 0	23 8		n.a.
T 27	9 41	11 42	3 39	19 32	2 21	4 8	1 8	22 8	1 52	2 42	1 14	17 43	1 48	0 55	0 42	22 21	0 41	1 13	12 6	8 59	8 59	23 6		n.a.
W28	10 2	6 3	2 46	19 53	2 19	4 38	1 6	22 1	1 54	2 37	1 14	17 42	1 48	0 56	0 42	22 22	0 41	1 14	12 6	8 59	8 58	23 4		n.a.
T 29	10 23	0 5	1 44	20 11	2 17	5 8	1 5	21 53	1 55	2 31	1 14	17 41	1 48	0 57	0 42	22 22	0 41	1 14	12 6	8 59	8 56	23 2		n.a.
F 30	10n44	6s 1	0n35	20n28	2n13	5n39	1s 3	21s45	1s57	2s26	1s14	17s40	1s48	0n57	0n42	22n22	0s41	1n15	12n 6	8n59	8n55	23n 0		n.a.

Julian Day Number = 1277369.5, Delta T = 08h11m25s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'20, Lahiri = -20°44'19 Julian Calendar 1 Apr. 1216 BCE == Greg. Calendar 21 March 1216 BCE

The year -1215 astronomical counting style corresponds to year 1216 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1216 BCE
geocentric

MAY 1216 BCE (-1215) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 50 45	28♈23'43	29♎22	22♉14	17♈46	3♒30	27♓ 0	17♒15	29°R10	15♊34	25°R28	22°R44	22♈30	9♌19	n.a.	S 1
S 2	13 54 42	29°20'53	12♏37	23°20	18°59	4°11	27°13	17°18	29♍ 8	15°36	25♎26	22♈44	22°27	9°26	n.a.	S 2
M 3	13 58 38	0♉18'02	26° 6	24°22	20°13	4°51	27°26	17°22	29° 6	15°37	25°24	22°43	22°24	9°32	n.a.	M 3
T 4	14 2 35	1°15'10	9♐49	25°21	21°26	5°31	27°39	17°26	29° 4	15°39	25°23	22°42	22°21	9°39	n.a.	T 4
W 5	14 6 31	2°12'18	23°43	26°17	22°39	6°12	27°52	17°30	29° 2	15°41	25°21	22°41	22°18	9°46	n.a.	W 5
T 6	14 10 28	3° 9'26	7♑47	27° 9	23°53	6°52	28° 5	17°33	29° 0	15°42	25°20	22°40	22°14	9°53	n.a.	T 6
F 7	14 14 25	4° 6'34	21°56	27°57	25° 6	7°32	28°18	17°37	28°58	15°44	25°18	22°39	22°11	9°59	n.a.	F 7
S 8	14 18 21	5° 3'41	6♒10	28°41	26°20	8°12	28°30	17°40	28°56	15°46	25°16	22°D39	22° 8	10° 6	n.a.	S 8
S 9	14 22 18	6° 0'48	20°24	29°22	27°33	8°51	28°43	17°44	28°55	15°48	25°15	22°39	22° 5	10°13	n.a.	S 9
M10	14 26 14	6°57'55	4♓38	29°58	28°47	9°31	28°56	17°47	28°53	15°49	25°13	22°40	22° 2	10°19	n.a.	M10
T 11	14 30 11	7°55'02	18°47	0♊31	0♉ 0	10°11	29° 8	17°50	28°51	15°51	25°12	22°41	21°58	10°26	n.a.	T 11
W12	14 34 7	8°52'09	2♈50	0°59	1°14	10°50	29°21	17°53	28°49	15°53	25°10	22°42	21°55	10°33	n.a.	W12
T 13	14 38 4	9°49'15	16°44	1°23	2°27	11°29	29°33	17°56	28°48	15°55	25° 8	22°R43	21°52	10°40	n.a.	T 13
F 14	14 42 0	10°46'21	0♉25	1°42	3°41	12° 8	29°45	17°59	28°46	15°57	25° 7	22°43	21°49	10°46	n.a.	F 14
S 15	14 45 57	11°43'27	13°53	1°57	4°54	12°47	29°58	18° 2	28°44	15°59	25° 5	22°42	21°46	10°53	n.a.	S 15
S 16	14 49 54	12°40'33	27° 5	2° 7	6° 8	13°26	0♈10	18° 5	28°43	16° 1	25° 4	22°40	21°43	11° 0	n.a.	S 16
M17	14 53 50	13°37'39	9♊59	2°13	7°21	14° 5	0°22	18° 7	28°41	16° 3	25° 2	22°37	21°39	11° 6	n.a.	M17
T 18	14 57 47	14°34'44	22°38	2°R15	8°35	14°43	0°34	18°10	28°40	16° 5	25° 1	22°34	21°36	11°13	n.a.	T 18
W19	15 1 43	15°31'49	5♋ 1	2°11	9°48	15°22	0°46	18°12	28°38	16° 6	24°59	22°31	21°33	11°20	n.a.	W19
T 20	15 5 40	16°28'54	17°11	2° 3	11° 2	16° 0	0°58	18°15	28°37	16° 8	24°58	22°28	21°30	11°27	n.a.	T 20
F 21	15 9 36	17°25'59	29°11	1°51	12°16	16°38	1°10	18°17	28°35	16°10	24°56	22°25	21°27	11°33	n.a.	F 21
S 22	15 13 33	18°23'03	11♌ 5	1°35	13°29	17°16	1°22	18°19	28°34	16°12	24°55	22°24	21°24	11°40	n.a.	S 22
S 23	15 17 30	19°20'07	22°58	1°14	14°43	17°54	1°33	18°21	28°33	16°14	24°53	22°D24	21°20	11°47	n.a.	S 23
M24	15 21 26	20°17'10	4♍54	0°50	15°56	18°31	1°45	18°23	28°31	16°17	24°52	22°25	21°17	11°54	n.a.	M24
T 25	15 25 23	21°14'14	16°58	0°22	17°10	19° 9	1°57	18°25	28°30	16°19	24°50	22°26	21°14	12° 0	n.a.	T 25
W26	15 29 19	22°11'17	29°15	29♉52	18°24	19°46	2° 8	18°26	28°29	16°21	24°49	22°28	21°11	12° 7	n.a.	W26
T 27	15 33 16	23° 8'20	11♎48	29°19	19°37	20°23	2°19	18°28	28°28	16°23	24°48	22°29	21° 8	12°14	n.a.	T 27
F 28	15 37 12	24° 5'23	24°40	28°43	20°51	21° 0	2°31	18°30	28°27	16°25	24°46	22°R29	21° 4	12°20	n.a.	F 28
S 29	15 41 9	25° 2'27	7♏54	28° 7	22° 5	21°36	2°42	18°31	28°26	16°27	24°45	22°28	21° 1	12°27	n.a.	S 29
S 30	15 45 5	25°59'30	21°29	27°29	23°18	22°13	2°53	18°32	28°25	16°29	24°44	22°26	20°58	12°34	n.a.	S 30
M31	15 49 2	26♉56'34	5♐24	26♉51	24♉32	22♒49	3♈ 4	18♒34	28♍24	16♊31	24♎42	22♈22	20♈55	12♌41	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n 5	12s 0	0s37	20n42	2n 9	6n 9	1s 1	21s37	1s59	2s21	1s14	17s39	1s49	0n58	0n42	22n22	0s41	1n15	12n 6	8n59	8n54	22n58		n.a.
S 2	11 26	17 35	1 48	20 54	2 4	6 39	0 59	21 29	2 0	2 16	1 14	17 38	1 49	0 59	0 42	22 22	0 41	1 16	12 6	8 59	8 53	22 56		n.a.
M 3	11 46	22 25	2 54	21 5	1 58	7 8	0 58	21 21	2 2	2 10	1 14	17 37	1 49	1 0	0 42	22 23	0 41	1 16	12 6	8 59	8 52	22 53		n.a.
T 4	12 6	26 7	3 52	21 13	1 51	7 38	0 56	21 12	2 4	2 5	1 15	17 36	1 49	1 1	0 42	22 23	0 41	1 17	12 6	8 58	8 50	22 51		n.a.
W 5	12 26	28 18	4 37	21 19	1 44	8 8	0 54	21 4	2 5	2 0	1 15	17 35	1 50	1 1	0 42	22 23	0 41	1 17	12 6	8 58	8 49	22 49		n.a.
T 6	12 46	28 41	5 5	21 24	1 35	8 37	0 52	20 55	2 7	1 55	1 15	17 34	1 50	1 2	0 42	22 23	0 41	1 17	12 5	8 58	8 48	22 47		n.a.
F 7	13 6	27 13	5 16	21 26	1 26	9 6	0 50	20 46	2 9	1 50	1 15	17 33	1 50	1 3	0 42	22 24	0 41	1 18	12 5	8 57	8 47	22 45		n.a.
S 8	13 26	24 0	5 7	21 27	1 17	9 35	0 48	20 37	2 10	1 45	1 15	17 32	1 50	1 4	0 42	22 24	0 40	1 18	12 5	8 57	8 46	22 43		n.a.
S 9	13 45	19 20	4 40	21 26	1 6	10 4	0 46	20 28	2 12	1 40	1 15	17 32	1 51	1 4	0 42	22 24	0 40	1 19	12 5	8 57	8 44	22 41		n.a.
M10	14 4	13 37	3 55	21 23	0 55	10 32	0 44	20 19	2 14	1 35	1 15	17 31	1 51	1 5	0 42	22 24	0 40	1 19	12 5	8 58	8 43	22 38		n.a.
T 11	14 23	7 12	2 56	21 18	0 43	11 1	0 42	20 10	2 15	1 30	1 15	17 30	1 51	1 6	0 41	22 24	0 40	1 19	12 5	8 58	8 42	22 36		n.a.
W12	14 42	0 30	1 48	21 12	0 31	11 29	0 39	20 0	2 17	1 25	1 15	17 29	1 51	1 6	0 41	22 25	0 40	1 20	12 4	8 59	8 41	22 34		n.a.
T 13	15 0	6n10	0 33	21 4	0 18	11 57	0 37	19 51	2 19	1 20	1 15	17 29	1 52	1 7	0 41	22 25	0 40	1 20	12 4	8 59	8 40	22 32		n.a.
F 14	15 18	12 28	0n42	20 55	0 4	12 24	0 35	19 41	2 21	1 15	1 15	17 28	1 52	1 8	0 41	22 25	0 40	1 21	12 4	8 59	8 38	22 30		n.a.
S 15	15 36	18 5	1 54	20 44	0s10	12 51	0 33	19 32	2 22	1 10	1 16	17 27	1 52	1 8	0 41	22 25	0 40	1 21	12 4	8 58	8 37	22 28		n.a.
S 16	15 54	22 43	2 58	20 31	0 25	13 18	0 31	19 22	2 24	1 5	1 16	17 27	1 52	1 9	0 41	22 25	0 40	1 21	12 4	8 58	8 36	22 25		n.a.
M17	16 12	26 8	3 51	20 18	0 40	13 45	0 28	19 12	2 26	1 0	1 16	17 26	1 53	1 10	0 41	22 26	0 40	1 22	12 3	8 57	8 35	22 23		n.a.
T 18	16 29	28 10	4 32	20 3	0 56	14 11	0 26	19 2	2 27	0 56	1 16	17 26	1 53	1 10	0 41	22 26	0 40	1 22	12 3	8 55	8 34	22 21		n.a.
W19	16 46	28 44	4 59	19 46	1 12	14 37	0 24	18 52	2 29	0 51	1 16	17 25	1 53	1 11	0 41	22 26	0 40	1 22	12 3	8 54	8 32	22 19		n.a.
T 20	17 3	27 53	5 12	19 29	1 28	15 3	0 22	18 42	2 31	0 46	1 16	17 25	1 53	1 11	0 41	22 26	0 40	1 23	12 3	8 53	8 31	22 17		n.a.
F 21	17 19	25 44	5 11	19 11	1 44	15 28	0 19	18 32	2 33	0 41	1 16	17 24	1 54	1 12	0 41	22 27	0 40	1 23	12 2	8 52	8 30	22 14		n.a.
S 22	17 35	22 29	4 57	18 52	2 0	15 53	0 17	18 22	2 34	0 37	1 16	17 24	1 54	1 12	0 41	22 27	0 40	1 23	12 2	8 52	8 29	22 12		n.a.
S 23	17 51	18 20	4 30	18 32	2 16	16 17	0 15	18 12	2 36	0 32	1 16	17 23	1 54	1 13	0 41	22 27	0 40	1 24	12 2	8 52	8 27	22 10		n.a.
M24	18 7	13 27	3 52	18 12	2 32	16 42	0 12	18 1	2 38	0 28	1 17	17 23	1 54	1 13	0 41	22 27	0 40	1 24	12 2	8 52	8 26	22 8		n.a.
T 25	18 22	8 1	3 2	17 51	2 47	17 5	0 10	17 51	2 40	0 23	1 17	17 23	1 55	1 14	0 41	22 28	0 40	1 24	12 1	8 52	8 25	22 5		n.a.
W26	18 37	2 12	2 4	17 30	3 1	17 28	0 7	17 41	2 41	0 19	1 17	17 22	1 55	1 14	0 41	22 28	0 40	1 24	12 1	8 53	8 24	22 3		n.a.
T 27	18 52	3s51	0 58	17 10	3 15	17 51	0 5	17 30	2 43	0 14	1 17	17 22	1 55	1 15	0 41	22 28	0 40	1 25	12 1	8 54	8 23	22 1		n.a.
F 28	19 7	9 54	0s12	16 50	3 28	18 13	0 3	17 20	2 45	0 10	1 17	17 22	1 56	1 15	0 41	22 28	0 40	1 25	12 1	8 54	8 21	21 59		n.a.
S 29	19 21	15 41	1 23	16 30	3 40	18 35	0 0	17 10	2 47	0 5	1 17	17 22	1 56	1 15	0 41	22 29	0 40	1 25	12 0	8 53	8 20	21 56		n.a.
S 30	19 35	20 52	2 31	16 11	3 51	18 57	0n 2	16 59	2 48	0 1	1 17	17 21	1 56	1 16	0 41	22 29	0 40	1 25	12 0	8 52	8 19	21 54		n.a.
M31	19n48	25s 3	3s32	15n53	4s 0	19n17	0n 4	16s49	2s50	0n 3	1s18	17s21	1s56	1n16	0n41	22n29	0s40	1n25	12n 0	8n51	8n18	21n52		n.a.

Julian Day Number = 1277399.5, Delta T = 08h11m23s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'16, Lahiri = -20°44'15 Julian Calendar 1 May 1216 BCE == Greg. Calendar 20 Apr. 1216 BCE

The year -1215 astronomical counting style corresponds to year 1216 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1216 BCE
geocentric

JUNE 1216 BCE (-1215) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 52 59	27♉53'38	19♐35	26°R14	25♉46	23♒25	3♈15	18♒35	28°R23	16♊33	24°R41	22°R17	20♈52	12♌47	n.a.	T 1
W 2	15 56 55	28°50'43	3♑56	25♉38	27° 0	24° 1	3°26	18°36	28♍22	16°35	24♎40	22♈12	20°49	12°54	n.a.	W 2
T 3	16 0 52	29°47'48	18°23	25° 3	28°13	24°37	3°36	18°37	28°22	16°37	24°38	22° 7	20°45	13° 1	n.a.	T 3
F 4	16 4 48	0♊44'54	2♒50	24°31	29°27	25°12	3°47	18°38	28°21	16°40	24°37	22° 3	20°42	13° 7	n.a.	F 4
S 5	16 8 45	1°42'01	17°12	24° 2	0♊41	25°47	3°57	18°38	28°20	16°42	24°36	22° 0	20°39	13°14	n.a.	S 5
S 6	16 12 41	2°39'08	1♓26	23°36	1°55	26°22	4° 8	18°39	28°19	16°44	24°35	21°D59	20°36	13°21	n.a.	S 6
M 7	16 16 38	3°36'16	15°30	23°14	3° 9	26°57	4°18	18°39	28°19	16°46	24°34	22° 0	20°33	13°28	n.a.	M 7
T 8	16 20 35	4°33'25	29°22	22°57	4°22	27°31	4°28	18°40	28°18	16°48	24°32	22° 1	20°30	13°34	n.a.	T 8
W 9	16 24 31	5°30'35	13♈ 2	22°44	5°36	28° 6	4°39	18°40	28°18	16°50	24°31	22° 2	20°26	13°41	n.a.	W 9
T 10	16 28 28	6°27'45	26°31	22°36	6°50	28°40	4°49	18°40	28°17	16°53	24°30	22°R 2	20°23	13°48	n.a.	T 10
F 11	16 32 24	7°24'57	9♉48	22°D34	8° 4	29°13	4°58	18°41	28°17	16°55	24°29	22° 1	20°20	13°54	n.a.	F 11
S 12	16 36 21	8°22'09	22°54	22°37	9°18	29°47	5° 8	18°R41	28°17	16°57	24°28	21°57	20°17	14° 1	n.a.	S 12
S 13	16 40 17	9°19'23	5♊47	22°45	10°32	0♓20	5°18	18°40	28°16	16°59	24°27	21°52	20°14	14° 8	n.a.	S 13
M14	16 44 14	10°16'37	18°27	23° 0	11°46	0°53	5°27	18°40	28°16	17° 2	24°26	21°44	20°10	14°15	n.a.	M14
T 15	16 48 10	11°13'51	0♋55	23°20	13° 0	1°25	5°37	18°40	28°16	17° 4	24°25	21°36	20° 7	14°21	n.a.	T 15
W16	16 52 7	12°11'07	13°11	23°46	14°14	1°58	5°46	18°40	28°16	17° 6	24°24	21°26	20° 4	14°28	n.a.	W16
T 17	16 56 4	13° 8'23	25°17	24°18	15°28	2°30	5°55	18°39	28°16	17° 8	24°23	21°18	20° 1	14°35	n.a.	T 17
F 18	17 0 0	14° 5'40	7♌15	24°56	16°42	3° 1	6° 4	18°38	28°D16	17°10	24°22	21°10	19°58	14°41	n.a.	F 18
S 19	17 3 57	15° 2'57	19° 7	25°40	17°56	3°33	6°13	18°38	28°16	17°13	24°21	21° 5	19°55	14°48	n.a.	S 19
S 20	17 7 53	16° 0'16	0♍58	26°29	19°10	4° 4	6°22	18°37	28°16	17°15	24°21	21° 2	19°51	14°55	n.a.	S 20
M21	17 11 50	16°57'35	12°52	27°24	20°24	4°34	6°31	18°36	28°16	17°17	24°20	21°D 0	19°48	15° 1	n.a.	M21
T 22	17 15 46	17°54'54	24°54	28°25	21°38	5° 5	6°39	18°35	28°16	17°19	24°19	21° 0	19°45	15° 8	n.a.	T 22
W23	17 19 43	18°52'14	7♎10	29°31	22°52	5°35	6°48	18°34	28°16	17°22	24°18	21° 1	19°42	15°15	n.a.	W23
T 24	17 23 40	19°49'36	19°43	0♊42	24° 6	6° 4	6°56	18°33	28°17	17°24	24°17	21°R 2	19°39	15°22	n.a.	T 24
F 25	17 27 36	20°46'58	2♏40	1°59	25°20	6°34	7° 4	18°31	28°17	17°26	24°17	21° 1	19°36	15°28	n.a.	F 25
S 26	17 31 33	21°44'21	16° 2	3°20	26°34	7° 3	7°12	18°30	28°17	17°28	24°16	20°59	19°32	15°35	n.a.	S 26
S 27	17 35 29	22°41'45	29°50	4°47	27°48	7°31	7°20	18°28	28°18	17°30	24°15	20°54	19°29	15°42	n.a.	S 27
M28	17 39 26	23°39'10	14♐ 3	6°18	29° 2	7°59	7°28	18°27	28°18	17°33	24°15	20°47	19°26	15°48	n.a.	M28
T 29	17 43 22	24°36'36	28°37	7°54	0♋16	8°27	7°36	18°25	28°19	17°35	24°14	20°38	19°23	15°55	n.a.	T 29
W30	17 47 19	25♊34'04	13♑25	9♊33	1♋30	8♓54	7♈43	18♒23	28♍20	17♊37	24♎14	20♈28	19♈20	16♌ 2	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 1	27s46	4s21	15n37	4s 8	19n38	0n 7	16s38	2s52	0n 8	1s18	17s21	1s57	1n16	0n41	22n29	0s40	1n26	11n59	8n49	8n17	21n49		n.a.
W 2	20 14	28 41	4 55	15 22	4 15	19 58	0 9	16 28	2 54	0 12	1 18	17 21	1 57	1 17	0 41	22 29	0 40	1 26	11 59	8 47	8 15	21 47		n.a.
T 3	20 27	27 40	5 9	15 9	4 20	20 17	0 11	16 17	2 55	0 16	1 18	17 21	1 57	1 17	0 41	22 30	0 40	1 26	11 59	8 45	8 14	21 45		n.a.
F 4	20 39	24 47	5 5	14 58	4 23	20 36	0 14	16 7	2 57	0 20	1 18	17 21	1 57	1 17	0 41	22 30	0 40	1 26	11 58	8 44	8 13	21 43		n.a.
S 5	20 51	20 23	4 41	14 49	4 25	20 54	0 16	15 56	2 59	0 24	1 18	17 21	1 58	1 18	0 41	22 30	0 40	1 26	11 58	8 43	8 12	21 40		n.a.
S 6	21 2	14 52	4 0	14 42	4 26	21 12	0 18	15 45	3 1	0 28	1 18	17 21	1 58	1 18	0 41	22 30	0 40	1 26	11 58	8 42	8 11	21 38		n.a.
M 7	21 14	8 39	3 5	14 38	4 25	21 29	0 21	15 35	3 2	0 32	1 19	17 21	1 58	1 18	0 41	22 31	0 40	1 26	11 57	8 43	8 9	21 36		n.a.
T 8	21 24	2 5	2 0	14 36	4 22	21 45	0 23	15 24	3 4	0 36	1 19	17 21	1 58	1 18	0 40	22 31	0 40	1 26	11 57	8 43	8 8	21 33		n.a.
W 9	21 35	4n29	0 49	14 36	4 18	22 1	0 25	15 14	3 6	0 40	1 19	17 22	1 59	1 18	0 40	22 31	0 40	1 27	11 57	8 43	8 7	21 31		n.a.
T 10	21 45	10 46	0n24	14 39	4 13	22 16	0 28	15 4	3 8	0 44	1 19	17 22	1 59	1 18	0 40	22 31	0 40	1 27	11 56	8 43	8 6	21 29		n.a.
F 11	21 55	16 29	1 34	14 45	4 6	22 31	0 30	14 53	3 9	0 48	1 19	17 22	1 59	1 19	0 40	22 32	0 40	1 27	11 56	8 43	8 4	21 26		n.a.
S 12	22 4	21 21	2 39	14 53	3 59	22 45	0 32	14 43	3 11	0 52	1 19	17 22	2 0	1 19	0 40	22 32	0 40	1 27	11 56	8 42	8 3	21 24		n.a.
S 13	22 13	25 8	3 33	15 4	3 50	22 58	0 34	14 32	3 13	0 56	1 20	17 23	2 0	1 19	0 40	22 32	0 40	1 27	11 55	8 39	8 2	21 21		n.a.
M14	22 22	27 35	4 16	15 17	3 40	23 10	0 36	14 22	3 15	0 59	1 20	17 23	2 0	1 19	0 40	22 32	0 40	1 27	11 55	8 37	8 1	21 19		n.a.
T 15	22 30	28 37	4 47	15 32	3 30	23 22	0 38	14 12	3 16	1 3	1 20	17 23	2 0	1 19	0 40	22 32	0 40	1 27	11 54	8 33	8 0	21 17		n.a.
W16	22 38	28 12	5 3	15 49	3 19	23 34	0 41	14 2	3 18	1 6	1 20	17 24	2 1	1 19	0 40	22 33	0 40	1 27	11 54	8 30	7 58	21 14		n.a.
T 17	22 45	26 26	5 5	16 9	3 7	23 44	0 43	13 52	3 20	1 10	1 20	17 24	2 1	1 19	0 40	22 33	0 40	1 27	11 54	8 27	7 57	21 12		n.a.
F 18	22 53	23 30	4 54	16 30	2 54	23 54	0 45	13 41	3 22	1 13	1 20	17 24	2 1	1 19	0 40	22 33	0 40	1 27	11 53	8 24	7 56	21 10		n.a.
S 19	22 59	19 37	4 30	16 53	2 41	24 3	0 47	13 32	3 23	1 17	1 21	17 25	2 1	1 19	0 40	22 33	0 40	1 27	11 53	8 22	7 55	21 7		n.a.
S 20	23 5	14 58	3 55	17 18	2 28	24 12	0 49	13 22	3 25	1 20	1 21	17 25	2 2	1 19	0 40	22 34	0 40	1 26	11 52	8 20	7 53	21 5		n.a.
M21	23 11	9 45	3 10	17 44	2 14	24 20	0 51	13 12	3 27	1 24	1 21	17 26	2 2	1 19	0 40	22 34	0 40	1 26	11 52	8 20	7 52	21 2		n.a.
T 22	23 17	4 7	2 15	18 11	2 0	24 27	0 52	13 2	3 29	1 27	1 21	17 27	2 2	1 18	0 40	22 34	0 40	1 26	11 52	8 20	7 51	21 0		n.a.
W23	23 22	1s46	1 14	18 40	1 46	24 33	0 54	12 52	3 31	1 30	1 21	17 27	2 3	1 18	0 40	22 34	0 40	1 26	11 51	8 20	7 50	20 58		n.a.
T 24	23 27	7 44	0 7	19 9	1 32	24 39	0 56	12 43	3 32	1 33	1 21	17 28	2 3	1 18	0 40	22 35	0 40	1 26	11 51	8 20	7 49	20 55		n.a.
F 25	23 31	13 34	1s 2	19 38	1 18	24 43	0 58	12 33	3 34	1 36	1 22	17 28	2 3	1 18	0 40	22 35	0 40	1 26	11 50	8 20	7 47	20 53		n.a.
S 26	23 35	18 58	2 9	20 8	1 4	24 47	1 0	12 24	3 36	1 39	1 22	17 29	2 3	1 18	0 40	22 35	0 40	1 26	11 50	8 19	7 46	20 50		n.a.
S 27	23 38	23 34	3 11	20 38	0 50	24 51	1 1	12 15	3 38	1 42	1 22	17 30	2 4	1 18	0 40	22 35	0 40	1 26	11 50	8 17	7 45	20 48		n.a.
M28	23 41	26 54	4 3	21 8	0 36	24 53	1 3	12 6	3 39	1 45	1 22	17 31	2 4	1 17	0 40	22 35	0 40	1 25	11 49	8 15	7 44	20 45		n.a.
T 29	23 44	28 31	4 41	21 37	0 23	24 55	1 5	11 57	3 41	1 48	1 22	17 31	2 4	1 17	0 40	22 36	0 40	1 25	11 49	8 11	7 42	20 43		n.a.
W30	23n46	28s 8	5s 0	22n 6	0s10	24n56	1n 6	11s48	3s43	1n51	1s23	17s32	2s 4	1n17	0n40	22n36	0s40	1n25	11n48	8n 8	7n41	20n40		n.a.

Julian Day Number = 1277430.5, Delta T = 08h11m22s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'12, Lahiri = -20°44'11 Julian Calendar 1 June 1216 BCE == Greg. Calendar 21 May 1216 BCE

The year -1215 astronomical counting style corresponds to year 1216 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1216 BCE
geocentric

JULY 1216 BCE (-1215) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 51 15	26♊31'33	28♉18	11♊17	2♋44	9♓21	7♈50	18°R21	28♍20	17♊39	24°R13	20°R19	19♈16	16♌ 9	n.a.	T 1
F 2	17 55 12	27°29'03	13♒ 7	13° 4	3°59	9°48	7°58	18♒19	28°21	17°42	24♎13	20♈11	19°13	16°15	n.a.	F 2
S 3	17 59 9	28°26'35	27°46	14°54	5°13	10°14	8° 5	18°17	28°22	17°44	24°12	20° 6	19°10	16°22	n.a.	S 3
S 4	18 3 5	29°24'09	12♓ 9	16°46	6°27	10°40	8°11	18°15	28°23	17°46	24°12	20° 3	19° 7	16°29	n.a.	S 4
M 5	18 7 2	0♋21'44	26°14	18°41	7°41	11° 5	8°18	18°13	28°23	17°48	24°11	20°D 1	19° 4	16°35	n.a.	M 5
T 6	18 10 58	1°19'21	10♈ 0	20°38	8°55	11°30	8°25	18°10	28°24	17°50	24°11	20° 2	19° 1	16°42	n.a.	T 6
W 7	18 14 55	2°16'59	23°27	22°37	10°10	11°54	8°31	18° 8	28°25	17°52	24°11	20°R 2	18°57	16°49	n.a.	W 7
T 8	18 18 51	3°14'40	6♉39	24°37	11°24	12°18	8°37	18° 5	28°26	17°55	24°10	20° 1	18°54	16°56	n.a.	T 8
F 9	18 22 48	4°12'22	19°37	26°38	12°38	12°41	8°44	18° 3	28°27	17°57	24°10	19°57	18°51	17° 2	n.a.	F 9
S 10	18 26 44	5°10'06	2♊23	28°39	13°52	13° 4	8°50	18° 0	28°28	17°59	24°10	19°52	18°48	17° 9	n.a.	S 10
S 11	18 30 41	6° 7'52	14°57	0♋40	15° 7	13°26	8°55	17°57	28°30	18° 1	24°10	19°43	18°45	17°16	n.a.	S 11
M12	18 34 38	7° 5'39	27°22	2°42	16°21	13°48	9° 1	17°54	28°31	18° 3	24° 9	19°32	18°42	17°22	n.a.	M12
T 13	18 38 34	8° 3'28	9♋38	4°43	17°35	14° 9	9° 6	17°51	28°32	18° 5	24° 9	19°19	18°38	17°29	n.a.	T 13
W14	18 42 31	9° 1'18	21°45	6°44	18°50	14°30	9°12	17°48	28°33	18° 7	24° 9	19° 5	18°35	17°36	n.a.	W14
T 15	18 46 27	9°59'11	3♌45	8°44	20° 4	14°50	9°17	17°45	28°35	18°10	24° 9	18°52	18°32	17°43	n.a.	T 15
F 16	18 50 24	10°57'04	15°38	10°43	21°18	15° 9	9°22	17°42	28°36	18°12	24° 9	18°40	18°29	17°49	n.a.	F 16
S 17	18 54 20	11°54'59	27°28	12°42	22°33	15°28	9°27	17°39	28°38	18°14	24°D 9	18°31	18°26	17°56	n.a.	S 17
S 18	18 58 17	12°52'56	9♍17	14°39	23°47	15°46	9°31	17°35	28°39	18°16	24° 9	18°25	18°22	18° 3	n.a.	S 18
M19	19 2 13	13°50'54	21° 9	16°36	25° 1	16° 4	9°36	17°32	28°41	18°18	24° 9	18°21	18°19	18° 9	n.a.	M19
T 20	19 6 10	14°48'54	3♎ 9	18°31	26°16	16°21	9°40	17°28	28°42	18°20	24° 9	18°20	18°16	18°16	n.a.	T 20
W21	19 10 7	15°46'55	15°22	20°25	27°30	16°37	9°44	17°25	28°44	18°22	24° 9	18°19	18°13	18°23	n.a.	W21
T 22	19 14 3	16°44'58	27°52	22°18	28°44	16°53	9°48	17°21	28°46	18°24	24° 9	18°19	18°10	18°29	n.a.	T 22
F 23	19 18 0	17°43'02	10♏46	24°10	29°59	17° 8	9°52	17°17	28°48	18°26	24°10	18°18	18° 7	18°36	n.a.	F 23
S 24	19 21 56	18°41'08	24° 6	26° 0	1♌13	17°22	9°55	17°14	28°49	18°28	24°10	18°15	18° 3	18°43	n.a.	S 24
S 25	19 25 53	19°39'15	7♐57	27°50	2°27	17°36	9°58	17°10	28°51	18°30	24°10	18°10	18° 0	18°50	n.a.	S 25
M26	19 29 49	20°37'25	22°16	29°38	3°42	17°49	10° 2	17° 6	28°53	18°32	24°10	18° 1	17°57	18°56	n.a.	M26
T 27	19 33 46	21°35'36	7♑ 1	1♌24	4°56	18° 1	10° 5	17° 2	28°55	18°34	24°11	17°51	17°54	19° 3	n.a.	T 27
W28	19 37 42	22°33'49	22° 5	3°10	6°11	18°12	10° 7	16°58	28°57	18°36	24°11	17°40	17°51	19°10	n.a.	W28
T 29	19 41 39	23°32'04	7♒17	4°54	7°25	18°23	10°10	16°54	28°59	18°38	24°11	17°29	17°48	19°16	n.a.	T 29
F 30	19 45 36	24°30'20	22°27	6°37	8°39	18°33	10°12	16°50	29° 1	18°40	24°12	17°20	17°44	19°23	n.a.	F 30
S 31	19 49 32	25♋28'39	7♓26	8♌19	9♌54	18♓42	10♈15	16♒45	29♍ 3	18♊41	24♎12	17♈13	17♈41	19♌30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n48	25s44	5s 0	22n33	0n 3	24n56	1n 8	11s39	3s44	1n54	1s23	17s33	2s 5	1n16	0n40	22n36	0s40	1n25	11n48	8n 4	7n40	20n38			n.a.
F 2	23 49	21 36	4 39	23 0	0 15	24 56	1 9	11 30	3 46	1 56	1 23	17 34	2 5	1 16	0 39	22 36	0 40	1 25	11 47	8 1	7 39	20 36			n.a.
S 3	23 50	16 12	4 0	23 24	0 26	24 55	1 11	11 22	3 48	1 59	1 23	17 35	2 5	1 16	0 39	22 36	0 40	1 24	11 47	7 59	7 38	20 33			n.a.
S 4	23 50	9 59	3 7	23 47	0 37	24 53	1 12	11 13	3 50	2 2	1 23	17 36	2 5	1 15	0 39	22 37	0 40	1 24	11 46	7 58	7 36	20 31			n.a.
M 5	23 50	3 24	2 3	24 8	0 47	24 50	1 13	11 5	3 51	2 4	1 24	17 37	2 6	1 15	0 39	22 37	0 40	1 24	11 46	7 57	7 35	20 28			n.a.
T 6	23 50	3n13	0 53	24 27	0 56	24 46	1 14	10 57	3 53	2 7	1 24	17 38	2 6	1 15	0 39	22 37	0 39	1 24	11 46	7 57	7 34	20 26			n.a.
W 7	23 49	9 32	0n18	24 43	1 5	24 42	1 16	10 49	3 55	2 9	1 24	17 39	2 6	1 14	0 39	22 37	0 39	1 23	11 45	7 57	7 33	20 23			n.a.
T 8	23 48	15 20	1 27	24 56	1 13	24 37	1 17	10 41	3 56	2 11	1 24	17 40	2 6	1 14	0 39	22 38	0 39	1 23	11 45	7 57	7 31	20 21			n.a.
F 9	23 46	20 20	2 30	25 7	1 20	24 31	1 18	10 34	3 58	2 13	1 25	17 41	2 6	1 13	0 39	22 38	0 39	1 23	11 44	7 56	7 30	20 18			n.a.
S 10	23 44	24 19	3 24	25 16	1 26	24 25	1 19	10 26	4 0	2 16	1 25	17 42	2 7	1 13	0 39	22 38	0 39	1 22	11 44	7 54	7 29	20 16			n.a.
S 11	23 42	27 4	4 7	25 22	1 31	24 18	1 20	10 19	4 2	2 18	1 25	17 43	2 7	1 12	0 39	22 38	0 39	1 22	11 43	7 50	7 28	20 13			n.a.
M12	23 39	28 27	4 38	25 25	1 36	24 9	1 21	10 12	4 3	2 20	1 25	17 44	2 7	1 12	0 39	22 38	0 39	1 21	11 43	7 46	7 27	20 11			n.a.
T 13	23 35	28 24	4 56	25 25	1 40	24 1	1 22	10 5	4 5	2 22	1 25	17 45	2 7	1 11	0 39	22 39	0 39	1 21	11 42	7 41	7 25	20 8			n.a.
W14	23 32	26 58	5 0	25 22	1 43	23 51	1 22	9 59	4 6	2 24	1 26	17 46	2 8	1 11	0 39	22 39	0 39	1 21	11 42	7 36	7 24	20 6			n.a.
T 15	23 27	24 20	4 50	25 18	1 45	23 41	1 23	9 52	4 8	2 26	1 26	17 48	2 8	1 10	0 39	22 39	0 39	1 20	11 41	7 31	7 23	20 3			n.a.
F 16	23 23	20 40	4 28	25 10	1 47	23 30	1 24	9 46	4 10	2 27	1 26	17 49	2 8	1 9	0 39	22 39	0 39	1 20	11 41	7 26	7 22	20 0			n.a.
S 17	23 18	16 13	3 54	25 0	1 48	23 19	1 24	9 40	4 11	2 29	1 26	17 50	2 8	1 9	0 39	22 39	0 39	1 19	11 40	7 23	7 20	19 58			n.a.
S 18	23 12	11 9	3 11	24 48	1 48	23 6	1 25	9 34	4 13	2 31	1 27	17 51	2 8	1 8	0 39	22 40	0 39	1 19	11 40	7 20	7 19	19 55			n.a.
M19	23 6	5 40	2 18	24 34	1 48	22 53	1 25	9 29	4 14	2 32	1 27	17 53	2 9	1 8	0 39	22 40	0 39	1 19	11 39	7 19	7 18	19 53			n.a.
T 20	23 0	0s 4	1 19	24 18	1 47	22 39	1 26	9 24	4 16	2 34	1 27	17 54	2 9	1 7	0 39	22 40	0 39	1 18	11 39	7 18	7 17	19 50			n.a.
W21	22 53	5 54	0 16	24 0	1 45	22 25	1 26	9 19	4 18	2 35	1 27	17 55	2 9	1 6	0 39	22 40	0 39	1 18	11 38	7 18	7 16	19 48			n.a.
T 22	22 46	11 40	0s50	23 40	1 43	22 10	1 27	9 14	4 19	2 36	1 27	17 56	2 9	1 5	0 39	22 40	0 39	1 17	11 38	7 18	7 14	19 45			n.a.
F 23	22 39	17 8	1 56	23 18	1 41	21 54	1 27	9 9	4 21	2 38	1 28	17 58	2 9	1 5	0 39	22 40	0 39	1 17	11 38	7 18	7 13	19 43			n.a.
S 24	22 31	21 58	2 57	22 55	1 38	21 38	1 27	9 5	4 22	2 39	1 28	17 59	2 10	1 4	0 39	22 41	0 39	1 16	11 37	7 16	7 12	19 40			n.a.
S 25	22 22	25 47	3 50	22 30	1 35	21 21	1 27	9 1	4 24	2 40	1 28	18 1	2 10	1 3	0 39	22 41	0 39	1 16	11 37	7 14	7 11	19 37			n.a.
M26	22 14	28 7	4 31	22 3	1 31	21 4	1 27	8 57	4 25	2 41	1 28	18 2	2 10	1 2	0 39	22 41	0 39	1 15	11 36	7 11	7 9	19 35			n.a.
T 27	22 5	28 34	4 55	21 36	1 27	20 45	1 27	8 53	4 26	2 42	1 29	18 3	2 10	1 1	0 39	22 41	0 39	1 14	11 36	7 7	7 8	19 32			n.a.
W28	21 55	26 55	4 59	21 7	1 23	20 27	1 27	8 50	4 28	2 43	1 29	18 5	2 10	1 1	0 38	22 41	0 39	1 14	11 35	7 3	7 7	19 30			n.a.
T 29	21 45	23 18	4 43	20 37	1 18	20 7	1 27	8 47	4 29	2 44	1 29	18 6	2 11	1 0	0 38	22 41	0 39	1 13	11 35	6 59	7 6	19 27			n.a.
F 30	21 35	18 8	4 6	20 6	1 13	19 47	1 26	8 44	4 30	2 45	1 29	18 8	2 11	0 59	0 38	22 42	0 39	1 13	11 34	6 55	7 4	19 24			n.a.
S 31	21n24	11s54	3s13	19n35	1n 8	19n27	1n26	8s41	4s32	2n45	1s30	18s 9	2s11	0n58	0n38	22n42	0s39	1n12	11n34	6n52	7n 3	19n22			n.a.

Julian Day Number = 1277460.5, Delta T = 08h11m20s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'07, Lahiri = -20°44'07 Julian Calendar 1 July 1216 BCE == Greg. Calendar 20 June 1216 BCE

The year -1215 astronomical counting style corresponds to year 1216 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1216 BCE
geocentric

AUGUST 1216 BCE (-1215) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 53 29	26♋27'00	22♓ 4	10♌ 0	11♌ 8	18♓51	10♈17	16°R41	29♍ 5	18♊43	24♎13	17°R 9	17♈38	19♌37	n.a.	S 1
M 2	19 57 25	27°25'23	6♈19	11°40	12°23	18°58	10°19	16♒37	29° 8	18°45	24°13	17♈ 8	17°35	19°43	n.a.	M 2
T 3	20 1 22	28°23'48	20° 9	13°18	13°37	19° 5	10°20	16°33	29°10	18°47	24°14	17°D 7	17°32	19°50	n.a.	T 3
W 4	20 5 18	29°22'16	3♉35	14°56	14°52	19°11	10°22	16°28	29°12	18°49	24°14	17°R 7	17°28	19°57	n.a.	W 4
T 5	20 9 15	0♌20'47	16°41	16°32	16° 6	19°16	10°23	16°24	29°15	18°51	24°15	17° 6	17°25	20° 3	n.a.	T 5
F 6	20 13 11	1°19'19	29°28	18° 7	17°20	19°21	10°24	16°19	29°17	18°52	24°16	17° 4	17°22	20°10	n.a.	F 6
S 7	20 17 8	2°17'54	12♊ 1	19°41	18°35	19°24	10°25	16°15	29°19	18°54	24°16	16°58	17°19	20°17	n.a.	S 7
S 8	20 21 5	3°16'31	24°22	21°14	19°49	19°27	10°25	16°10	29°22	18°56	24°17	16°50	17°16	20°23	n.a.	S 8
M 9	20 25 1	4°15'11	6♋34	22°46	21° 4	19°28	10°26	16° 6	29°24	18°57	24°18	16°39	17°13	20°30	n.a.	M 9
T 10	20 28 58	5°13'53	18°39	24°17	22°18	19°R29	10°26	16° 1	29°27	18°59	24°19	16°26	17° 9	20°37	n.a.	T 10
W11	20 32 54	6°12'37	0♌37	25°47	23°33	19°29	10°R26	15°57	29°29	19° 1	24°19	16°13	17° 6	20°44	n.a.	W11
T 12	20 36 51	7°11'23	12°31	27°16	24°47	19°28	10°26	15°52	29°32	19° 2	24°20	16° 0	17° 3	20°50	n.a.	T 12
F 13	20 40 47	8°10'11	24°22	28°44	26° 1	19°26	10°26	15°47	29°35	19° 4	24°21	15°49	17° 0	20°57	n.a.	F 13
S 14	20 44 44	9° 9'01	6♍11	0♍10	27°16	19°23	10°25	15°43	29°37	19° 6	24°22	15°40	16°57	21° 4	n.a.	S 14
S 15	20 48 40	10° 7'53	18° 1	1°36	28°30	19°20	10°24	15°38	29°40	19° 7	24°23	15°34	16°54	21°10	n.a.	S 15
M16	20 52 37	11° 6'47	29°54	3° 0	29°45	19°15	10°23	15°33	29°43	19° 9	24°24	15°30	16°50	21°17	n.a.	M16
T 17	20 56 33	12° 5'43	11♎55	4°23	0♍59	19°10	10°22	15°28	29°46	19°10	24°25	15°D29	16°47	21°24	n.a.	T 17
W18	21 0 30	13° 4'41	24° 7	5°45	2°14	19° 3	10°21	15°24	29°49	19°12	24°26	15°29	16°44	21°30	n.a.	W18
T 19	21 4 27	14° 3'41	6♏35	7° 6	3°28	18°56	10°19	15°19	29°51	19°13	24°27	15°30	16°41	21°37	n.a.	T 19
F 20	21 8 23	15° 2'43	19°24	8°25	4°43	18°48	10°18	15°14	29°54	19°15	24°28	15°R30	16°38	21°44	n.a.	F 20
S 21	21 12 20	16° 1'47	2♐38	9°43	5°57	18°39	10°16	15°10	29°57	19°16	24°29	15°28	16°34	21°51	n.a.	S 21
S 22	21 16 16	17° 0'53	16°21	11° 0	7°11	18°30	10°13	15° 5	0♎ 0	19°17	24°30	15°25	16°31	21°57	n.a.	S 22
M23	21 20 13	18° 0'00	0♑34	12°15	8°26	18°19	10°11	15° 0	0° 3	19°19	24°32	15°19	16°28	22° 4	n.a.	M23
T 24	21 24 9	18°59'10	15°15	13°29	9°40	18° 8	10° 8	14°55	0° 6	19°20	24°33	15°12	16°25	22°11	n.a.	T 24
W25	21 28 6	19°58'22	0♒18	14°41	10°54	17°55	10° 6	14°51	0° 9	19°21	24°34	15° 3	16°22	22°17	n.a.	W25
T 26	21 32 2	20°57'35	15°34	15°51	12° 9	17°42	10° 3	14°46	0°12	19°23	24°35	14°55	16°19	22°24	n.a.	T 26
F 27	21 35 59	21°56'51	0♓53	17° 0	13°23	17°29	10° 0	14°41	0°16	19°24	24°37	14°48	16°15	22°31	n.a.	F 27
S 28	21 39 56	22°56'09	16° 4	18° 6	14°38	17°14	9°56	14°37	0°19	19°25	24°38	14°43	16°12	22°37	n.a.	S 28
S 29	21 43 52	23°55'29	0♈57	19°11	15°52	16°59	9°53	14°32	0°22	19°26	24°39	14°40	16° 9	22°44	n.a.	S 29
M30	21 47 49	24°54'52	15°25	20°12	17° 6	16°43	9°49	14°27	0°25	19°27	24°41	14°D39	16° 6	22°51	n.a.	M30
T 31	21 51 45	25♌54'17	29♈26	21♍12	18♍21	16♓27	9♈45	14♒23	0♎28	19♊28	24♎42	14♈40	16♈ 3	22♌58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21n13	5s 9	2s 8	19n 2	1n 2	19n 6	1n26	8s39	4s33	2n46	1s30	18s11	2s11	0n57	0n38	22n42	0s39	1n11	11n33	6n51	7n 2	19n19			n.a.
M 2	21 2	1n41	0 57	18 28	0 56	18 44	1 25	8 37	4 34	2 46	1 30	18 12	2 11	0 56	0 38	22 42	0 39	1 11	11 33	6 50	7 1	19 17			n.a.
T 3	20 50	8 15	0n16	17 54	0 50	18 22	1 25	8 36	4 35	2 47	1 30	18 13	2 11	0 55	0 38	22 42	0 39	1 10	11 32	6 50	7 0	19 14			n.a.
W 4	20 37	14 16	1 26	17 19	0 44	17 59	1 24	8 34	4 36	2 47	1 30	18 15	2 11	0 54	0 38	22 42	0 39	1 10	11 32	6 50	6 58	19 11			n.a.
T 5	20 25	19 29	2 30	16 44	0 37	17 36	1 24	8 33	4 37	2 47	1 31	18 16	2 12	0 53	0 38	22 43	0 39	1 9	11 31	6 50	6 57	19 9			n.a.
F 6	20 12	23 42	3 24	16 8	0 30	17 13	1 23	8 32	4 38	2 48	1 31	18 18	2 12	0 52	0 38	22 43	0 39	1 8	11 31	6 49	6 56	19 6			n.a.
S 7	19 59	26 42	4 8	15 32	0 23	16 48	1 22	8 32	4 39	2 48	1 31	18 19	2 12	0 51	0 38	22 43	0 39	1 8	11 30	6 46	6 55	19 3			n.a.
S 8	19 45	28 21	4 39	14 55	0 16	16 24	1 21	8 32	4 40	2 48	1 31	18 21	2 12	0 50	0 38	22 43	0 39	1 7	11 30	6 43	6 53	19 1			n.a.
M 9	19 31	28 37	4 56	14 18	0 9	15 59	1 20	8 32	4 41	2 48	1 32	18 22	2 12	0 49	0 38	22 43	0 39	1 6	11 29	6 39	6 52	18 58			n.a.
T 10	19 17	27 29	5 1	13 41	0 2	15 33	1 19	8 32	4 42	2 48	1 32	18 24	2 12	0 48	0 38	22 43	0 39	1 5	11 29	6 34	6 51	18 55			n.a.
W11	19 2	25 6	4 52	13 3	0s 6	15 8	1 18	8 33	4 43	2 48	1 32	18 26	2 12	0 47	0 38	22 43	0 39	1 5	11 29	6 29	6 50	18 53			n.a.
T 12	18 47	21 38	4 30	12 25	0 13	14 41	1 17	8 34	4 43	2 47	1 32	18 27	2 12	0 46	0 38	22 43	0 39	1 4	11 28	6 24	6 48	18 50			n.a.
F 13	18 32	17 20	3 57	11 47	0 21	14 15	1 16	8 35	4 44	2 47	1 32	18 29	2 13	0 45	0 38	22 44	0 39	1 3	11 28	6 19	6 47	18 47			n.a.
S 14	18 16	12 22	3 13	11 9	0 28	13 48	1 15	8 37	4 44	2 46	1 33	18 30	2 13	0 44	0 38	22 44	0 39	1 2	11 27	6 16	6 46	18 45			n.a.
S 15	18 0	6 58	2 21	10 31	0 36	13 20	1 13	8 39	4 45	2 46	1 33	18 32	2 13	0 43	0 38	22 44	0 39	1 2	11 27	6 13	6 45	18 42			n.a.
M16	17 44	1 17	1 22	9 53	0 44	12 52	1 12	8 41	4 45	2 45	1 33	18 33	2 13	0 42	0 38	22 44	0 39	1 1	11 26	6 12	6 43	18 39			n.a.
T 17	17 27	4s30	0 19	9 16	0 52	12 24	1 11	8 43	4 46	2 45	1 33	18 35	2 13	0 40	0 38	22 44	0 39	1 0	11 26	6 12	6 42	18 37			n.a.
W18	17 10	10 13	0s46	8 38	1 0	11 56	1 9	8 46	4 46	2 44	1 34	18 36	2 13	0 39	0 38	22 44	0 39	0 59	11 25	6 12	6 41	18 34			n.a.
T 19	16 53	15 40	1 50	8 0	1 8	11 27	1 8	8 49	4 46	2 43	1 34	18 38	2 13	0 38	0 38	22 44	0 40	0 59	11 25	6 12	6 40	18 31			n.a.
F 20	16 36	20 36	2 51	7 23	1 16	10 58	1 6	8 52	4 46	2 42	1 34	18 39	2 13	0 37	0 38	22 44	0 40	0 58	11 24	6 12	6 39	18 28			n.a.
S 21	16 18	24 42	3 45	6 46	1 23	10 29	1 4	8 56	4 46	2 41	1 34	18 41	2 13	0 36	0 38	22 45	0 40	0 57	11 24	6 11	6 37	18 26			n.a.
S 22	16 0	27 34	4 27	6 9	1 31	9 59	1 3	8 59	4 46	2 40	1 34	18 42	2 13	0 34	0 38	22 45	0 40	0 56	11 24	6 10	6 36	18 23			n.a.
M23	15 42	28 46	4 55	5 33	1 39	9 29	1 1	9 3	4 45	2 39	1 35	18 44	2 13	0 33	0 38	22 45	0 40	0 55	11 23	6 8	6 35	18 20			n.a.
T 24	15 23	28 0	5 5	4 58	1 47	8 59	0 59	9 7	4 45	2 38	1 35	18 45	2 13	0 32	0 38	22 45	0 40	0 54	11 23	6 5	6 34	18 18			n.a.
W25	15 4	25 13	4 55	4 22	1 54	8 29	0 57	9 12	4 44	2 37	1 35	18 47	2 13	0 31	0 38	22 45	0 40	0 54	11 22	6 2	6 32	18 15			n.a.
T 26	14 45	20 37	4 23	3 48	2 2	7 58	0 55	9 16	4 44	2 35	1 35	18 48	2 13	0 29	0 38	22 45	0 40	0 53	11 22	5 58	6 31	18 12			n.a.
F 27	14 26	14 39	3 33	3 14	2 9	7 27	0 53	9 21	4 43	2 34	1 35	18 49	2 13	0 28	0 38	22 45	0 40	0 52	11 21	5 56	6 30	18 9			n.a.
S 28	14 6	7 51	2 27	2 41	2 17	6 56	0 51	9 26	4 42	2 32	1 36	18 51	2 13	0 27	0 38	22 45	0 40	0 51	11 21	5 54	6 29	18 7			n.a.
S 29	13 46	0 44	1 13	2 9	2 24	6 25	0 49	9 31	4 41	2 31	1 36	18 52	2 13	0 25	0 37	22 45	0 40	0 50	11 21	5 52	6 27	18 4			n.a.
M30	13 26	6n14	0n 4	1 39	2 30	5 54	0 47	9 37	4 40	2 29	1 36	18 54	2 14	0 24	0 37	22 45	0 40	0 49	11 20	5 52	6 26	18 1			n.a.
T 31	13n 6	12n41	1n19	1n 9	2s37	5n22	0n45	9s42	4s39	2n27	1s36	18s55	2s14	0n23	0n37	22n46	0s40	0n48	11n20	5n52	6n25	17n58			n.a.

Julian Day Number = 1277491.5, Delta T = 08h11m18s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°51'03, Lahiri = -20°44'03 Julian Calendar 1 Aug. 1216 BCE == Greg. Calendar 21 July 1216 BCE

The year -1215 astronomical counting style corresponds to year 1216 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1216 BCE
geocentric

SEPTEMBER 1216 BCE (-1215) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 55 42	26♌53'45	13♉ 0	22♍ 8	19♍35	16°R10	9°R41	14°R18	0♎32	19♊30	24♎44	14♈41	15♈59	23♌ 4	n.a.	W 1
T 2	21 59 38	27°53'15	26° 9	23° 2	20°49	15♓52	9♈37	14♒14	0°35	19°31	24°45	14°R42	15°56	23°11	n.a.	T 2
F 3	22 3 35	28°52'48	8♊55	23°52	22° 4	15°34	9°32	14° 9	0°38	19°32	24°47	14°41	15°53	23°18	n.a.	F 3
S 4	22 7 31	29°52'23	21°24	24°39	23°18	15°16	9°28	14° 5	0°42	19°33	24°48	14°39	15°50	23°24	n.a.	S 4
S 5	22 11 28	0♍52'01	3♋38	25°22	24°32	14°56	9°23	14° 0	0°45	19°34	24°50	14°34	15°47	23°31	n.a.	S 5
M 6	22 15 24	1°51'41	15°43	26° 0	25°47	14°37	9°18	13°56	0°48	19°35	24°51	14°28	15°44	23°38	n.a.	M 6
T 7	22 19 21	2°51'23	27°40	26°34	27° 1	14°17	9°13	13°51	0°52	19°36	24°53	14°21	15°40	23°44	n.a.	T 7
W 8	22 23 18	3°51'07	9♌33	27° 2	28°15	13°57	9° 8	13°47	0°55	19°36	24°55	14°13	15°37	23°51	n.a.	W 8
T 9	22 27 14	4°50'54	21°23	27°24	29°29	13°36	9° 2	13°43	0°59	19°37	24°56	14° 5	15°34	23°58	n.a.	T 9
F 10	22 31 11	5°50'43	3♍14	27°41	0♎44	13°16	8°56	13°39	1° 2	19°38	24°58	13°58	15°31	24° 4	n.a.	F 10
S 11	22 35 7	6°50'34	15° 5	27°50	1°58	12°55	8°51	13°35	1° 6	19°39	25° 0	13°53	15°28	24°11	n.a.	S 11
S 12	22 39 4	7°50'27	27° 0	27°R52	3°12	12°34	8°45	13°30	1° 9	19°40	25° 1	13°49	15°25	24°18	n.a.	S 12
M13	22 43 0	8°50'23	9♎ 0	27°46	4°26	12°13	8°39	13°26	1°13	19°40	25° 3	13°D48	15°21	24°25	n.a.	M13
T 14	22 46 57	9°50'20	21° 8	27°32	5°41	11°52	8°32	13°22	1°16	19°41	25° 5	13°48	15°18	24°31	n.a.	T 14
W15	22 50 53	10°50'19	3♏27	27° 9	6°55	11°31	8°26	13°18	1°20	19°42	25° 7	13°49	15°15	24°38	n.a.	W15
T 16	22 54 50	11°50'20	15°59	26°37	8° 9	11°10	8°19	13°15	1°23	19°42	25° 8	13°51	15°12	24°45	n.a.	T 16
F 17	22 58 46	12°50'22	28°48	25°56	9°23	10°49	8°13	13°11	1°27	19°43	25°10	13°53	15° 9	24°51	n.a.	F 17
S 18	23 2 43	13°50'27	11♐59	25° 6	10°37	10°29	8° 6	13° 7	1°31	19°43	25°12	13°R53	15° 5	24°58	n.a.	S 18
S 19	23 6 40	14°50'33	25°34	24° 8	11°52	10° 9	7°59	13° 3	1°34	19°44	25°14	13°53	15° 2	25° 5	n.a.	S 19
M20	23 10 36	15°50'41	9♑33	23° 2	13° 6	9°49	7°52	13° 0	1°38	19°44	25°16	13°51	14°59	25°11	n.a.	M20
T 21	23 14 33	16°50'51	23°58	21°51	14°20	9°30	7°45	12°56	1°42	19°45	25°18	13°48	14°56	25°18	n.a.	T 21
W22	23 18 29	17°51'02	8♒45	20°35	15°34	9°10	7°38	12°53	1°45	19°45	25°20	13°45	14°53	25°25	n.a.	W22
T 23	23 22 26	18°51'16	23°47	19°18	16°48	8°52	7°30	12°50	1°49	19°46	25°22	13°41	14°50	25°31	n.a.	T 23
F 24	23 26 22	19°51'30	8♓57	18° 0	18° 2	8°34	7°23	12°46	1°53	19°46	25°24	13°38	14°46	25°38	n.a.	F 24
S 25	23 30 19	20°51'47	24° 4	16°46	19°16	8°16	7°16	12°43	1°56	19°46	25°26	13°36	14°43	25°45	n.a.	S 25
S 26	23 34 15	21°52'05	9♈ 0	15°36	20°30	7°59	7° 8	12°40	2° 0	19°47	25°28	13°D35	14°40	25°52	n.a.	S 26
M27	23 38 12	22°52'26	23°35	14°34	21°44	7°42	7° 0	12°37	2° 4	19°47	25°30	13°35	14°37	25°58	n.a.	M27
T 28	23 42 9	23°52'49	7♉46	13°40	22°58	7°26	6°52	12°34	2° 8	19°47	25°32	13°36	14°34	26° 5	n.a.	T 28
W29	23 46 5	24°53'13	21°30	12°58	24°12	7°11	6°45	12°31	2°11	19°47	25°34	13°38	14°31	26°12	n.a.	W29
T 30	23 50 2	25♍53'40	4♊47	12♍26	25♎26	6♓56	6♈37	12♒28	2♎15	19♊47	25♎36	13♈39	14♈27	26♌18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n45	18n20	2n27	0n41	2s43	4n51	0n43	9s47	4s37	2n26	1s36	18s56	2s14	0n21	0n37	22n46	0s40	0n47	11n19	5n53	6n24	17n56		n.a.
T 2	12 24	22 56	3 25	0 14	2 49	4 19	0 40	9 53	4 36	2 24	1 36	18 58	2 14	0 20	0 37	22 46	0 40	0 47	11 19	5 53	6 22	17 53		n.a.
F 3	12 4	26 17	4 11	0s12	2 55	3 47	0 38	9 59	4 34	2 22	1 37	18 59	2 14	0 19	0 37	22 46	0 40	0 46	11 19	5 53	6 21	17 50		n.a.
S 4	11 42	28 17	4 44	0 35	3 0	3 15	0 36	10 5	4 33	2 20	1 37	19 0	2 14	0 17	0 37	22 46	0 40	0 45	11 18	5 52	6 20	17 47		n.a.
S 5	11 21	28 50	5 3	0 57	3 5	2 43	0 33	10 11	4 31	2 18	1 37	19 2	2 14	0 16	0 37	22 46	0 40	0 44	11 18	5 50	6 19	17 44		n.a.
M 6	10 59	28 0	5 9	1 16	3 9	2 11	0 31	10 16	4 29	2 16	1 37	19 3	2 13	0 15	0 37	22 46	0 40	0 43	11 17	5 48	6 17	17 42		n.a.
T 7	10 38	25 53	5 0	1 33	3 12	1 38	0 28	10 22	4 27	2 14	1 37	19 4	2 13	0 13	0 37	22 46	0 40	0 42	11 17	5 45	6 16	17 39		n.a.
W 8	10 16	22 38	4 39	1 46	3 15	1 6	0 26	10 28	4 24	2 11	1 37	19 6	2 13	0 12	0 37	22 46	0 40	0 41	11 17	5 42	6 15	17 36		n.a.
T 9	9 54	18 29	4 6	1 57	3 17	0 34	0 23	10 34	4 22	2 9	1 38	19 7	2 13	0 10	0 37	22 46	0 40	0 40	11 16	5 39	6 14	17 33		n.a.
F 10	9 31	13 38	3 23	2 5	3 18	0 1	0 21	10 40	4 20	2 7	1 38	19 8	2 13	0 9	0 37	22 46	0 40	0 39	11 16	5 36	6 12	17 30		n.a.
S 11	9 9	8 16	2 30	2 9	3 18	0s31	0 18	10 46	4 17	2 4	1 38	19 9	2 13	0 7	0 37	22 46	0 40	0 38	11 16	5 34	6 11	17 28		n.a.
S 12	8 46	2 35	1 30	2 8	3 17	1 3	0 16	10 51	4 14	2 2	1 38	19 10	2 13	0 6	0 37	22 46	0 40	0 37	11 15	5 33	6 10	17 25		n.a.
M13	8 23	3s14	0 26	2 4	3 14	1 36	0 13	10 57	4 11	1 59	1 38	19 11	2 13	0 5	0 37	22 46	0 40	0 36	11 15	5 32	6 9	17 22		n.a.
T 14	8 0	9 0	0s40	1 54	3 11	2 8	0 10	11 3	4 9	1 57	1 38	19 13	2 13	0 3	0 37	22 46	0 40	0 35	11 14	5 32	6 7	17 19		n.a.
W15	7 37	14 31	1 45	1 40	3 5	2 40	0 8	11 8	4 5	1 54	1 38	19 14	2 13	0 2	0 37	22 46	0 40	0 34	11 14	5 33	6 6	17 16		n.a.
T 16	7 14	19 33	2 47	1 21	2 58	3 13	0 5	11 13	4 2	1 51	1 38	19 15	2 13	0 0	0 37	22 46	0 40	0 33	11 14	5 33	6 5	17 13		n.a.
F 17	6 51	23 50	3 42	0 56	2 49	3 45	0 2	11 18	3 59	1 48	1 38	19 16	2 13	0s 1	0 37	22 46	0 40	0 32	11 13	5 34	6 4	17 11		n.a.
S 18	6 28	27 0	4 27	0 26	2 38	4 17	0s 1	11 23	3 56	1 46	1 38	19 17	2 13	0 3	0 37	22 47	0 40	0 31	11 13	5 34	6 2	17 8		n.a.
S 19	6 4	28 44	4 58	0n10	2 25	4 49	0 3	11 28	3 52	1 43	1 39	19 18	2 13	0 4	0 37	22 47	0 40	0 30	11 13	5 34	6 1	17 5		n.a.
M20	5 40	28 41	5 13	0 49	2 10	5 21	0 6	11 32	3 49	1 40	1 39	19 19	2 13	0 6	0 37	22 47	0 40	0 29	11 12	5 33	6 0	17 2		n.a.
T 21	5 17	26 44	5 9	1 33	1 53	5 53	0 9	11 36	3 45	1 37	1 39	19 20	2 13	0 7	0 37	22 47	0 40	0 28	11 12	5 32	5 59	16 59		n.a.
W22	4 53	22 56	4 45	2 20	1 35	6 25	0 12	11 40	3 42	1 34	1 39	19 21	2 13	0 9	0 37	22 47	0 40	0 27	11 12	5 31	5 57	16 56		n.a.
T 23	4 29	17 35	4 0	3 9	1 16	6 56	0 15	11 44	3 38	1 31	1 39	19 22	2 13	0 10	0 37	22 47	0 40	0 26	11 12	5 29	5 56	16 54		n.a.
F 24	4 5	11 6	2 59	3 58	0 56	7 28	0 18	11 48	3 34	1 28	1 39	19 22	2 12	0 12	0 37	22 47	0 40	0 25	11 11	5 28	5 55	16 51		n.a.
S 25	3 41	4 0	1 45	4 46	0 35	7 59	0 20	11 51	3 30	1 25	1 39	19 23	2 12	0 13	0 37	22 47	0 40	0 24	11 11	5 27	5 54	16 48		n.a.
S 26	3 17	3n14	0 25	5 33	0 15	8 30	0 23	11 54	3 27	1 22	1 39	19 24	2 12	0 15	0 37	22 47	0 40	0 23	11 11	5 27	5 52	16 45		n.a.
M27	2 52	10 9	0n55	6 16	0n 5	9 1	0 26	11 57	3 23	1 19	1 39	19 25	2 12	0 16	0 37	22 47	0 40	0 22	11 10	5 27	5 51	16 42		n.a.
T 28	2 28	16 22	2 10	6 54	0 25	9 31	0 29	11 59	3 19	1 16	1 39	19 26	2 12	0 18	0 37	22 47	0 40	0 21	11 10	5 27	5 50	16 39		n.a.
W29	2 4	21 34	3 14	7 28	0 43	10 2	0 32	12 1	3 15	1 13	1 39	19 26	2 12	0 19	0 37	22 47	0 40	0 20	11 10	5 28	5 49	16 36		n.a.
T 30	1n40	25n29	4n 6	7n55	0n59	10s32	0s35	12s 3	3s11	1n10	1s39	19s27	2s12	0s21	0n37	22n47	0s40	0n19	11n10	5n28	5n47	16n33		n.a.

Julian Day Number = 1277522.5, Delta T = 08h11m17s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'59, Lahiri = -20°43'59 Julian Calendar 1 Sept. 1216 BCE == Greg. Calendar 21 Aug. 1216 BCE

The year -1215 astronomical counting style corresponds to year 1216 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1216 BCE
geocentric

OCTOBER 1216 BCE (-1215) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 53 58	26♍54'09	17♊40	12°R 6	26♎40	6°R42	6°R29	12°R26	2♎19	19♊48	25♎38	13♈40	14♈24	26♌25	n.a.	F 1
S 2	23 57 55	27°54'40	0♋11	11°D58	27°54	6♓29	6♈21	12♒23	2°23	19°48	25°40	13°R40	14°21	26°32	n.a.	S 2
S 3	0 1 51	28°55'13	12°26	12♍ 1	29° 8	6°17	6°13	12°21	2°26	19°48	25°42	13°40	14°18	26°38	n.a.	S 3
M 4	0 5 48	29°55'48	24°28	12°15	0♏22	6° 5	6° 5	12°18	2°30	19°R48	25°45	13°38	14°15	26°45	n.a.	M 4
T 5	0 9 44	0♎56'25	6♌22	12°39	1°36	5°54	5°57	12°16	2°34	19°48	25°47	13°37	14°11	26°52	n.a.	T 5
W 6	0 13 41	1°57'03	18°13	13°12	2°50	5°44	5°48	12°14	2°38	19°48	25°49	13°35	14° 8	26°58	n.a.	W 6
T 7	0 17 38	2°57'44	0♍ 2	13°53	4° 3	5°34	5°40	12°11	2°41	19°48	25°51	13°33	14° 5	27° 5	n.a.	T 7
F 8	0 21 34	3°58'26	11°54	14°42	5°17	5°25	5°32	12° 9	2°45	19°47	25°53	13°32	14° 2	27°12	n.a.	F 8
S 9	0 25 31	4°59'10	23°51	15°37	6°31	5°18	5°24	12° 8	2°49	19°47	25°56	13°31	13°59	27°18	n.a.	S 9
S 10	0 29 27	5°59'55	5♎55	16°38	7°45	5°11	5°16	12° 6	2°53	19°47	25°58	13°30	13°56	27°25	n.a.	S 10
M11	0 33 24	7° 0'42	18° 8	17°44	8°59	5° 4	5° 7	12° 4	2°56	19°47	26° 0	13°D30	13°52	27°32	n.a.	M11
T 12	0 37 20	8° 1'31	0♏30	18°54	10°12	4°59	4°59	12° 2	3° 0	19°47	26° 2	13°30	13°49	27°39	n.a.	T 12
W13	0 41 17	9° 2'21	13° 4	20° 8	11°26	4°55	4°51	12° 1	3° 4	19°46	26° 5	13°31	13°46	27°45	n.a.	W13
T 14	0 45 13	10° 3'12	25°51	21°25	12°40	4°51	4°43	12° 0	3° 8	19°46	26° 7	13°31	13°43	27°52	n.a.	T 14
F 15	0 49 10	11° 4'04	8♐52	22°45	13°53	4°48	4°35	11°58	3°11	19°46	26° 9	13°32	13°40	27°59	n.a.	F 15
S 16	0 53 7	12° 4'58	22° 8	24° 7	15° 7	4°46	4°27	11°57	3°15	19°45	26°11	13°32	13°36	28° 5	n.a.	S 16
S 17	0 57 3	13° 5'53	5♑42	25°31	16°21	4°45	4°19	11°56	3°19	19°45	26°14	13°32	13°33	28°12	n.a.	S 17
M18	1 1 0	14° 6'49	19°33	26°57	17°34	4°D44	4°11	11°55	3°23	19°44	26°16	13°32	13°30	28°19	n.a.	M18
T 19	1 4 56	15° 7'45	3♒42	28°24	18°48	4°45	4° 3	11°54	3°26	19°44	26°18	13°32	13°27	28°25	n.a.	T 19
W20	1 8 53	16° 8'43	18° 7	29°52	20° 1	4°46	3°55	11°53	3°30	19°43	26°21	13°32	13°24	28°32	n.a.	W20
T 21	1 12 49	17° 9'41	2♓44	1♎21	21°15	4°48	3°47	11°53	3°34	19°43	26°23	13°32	13°21	28°39	n.a.	T 21
F 22	1 16 46	18°10'41	17°29	2°50	22°28	4°51	3°40	11°52	3°37	19°42	26°25	13°33	13°17	28°45	n.a.	F 22
S 23	1 20 42	19°11'41	2♈15	4°21	23°42	4°54	3°32	11°52	3°41	19°41	26°28	13°33	13°14	28°52	n.a.	S 23
S 24	1 24 39	20°12'42	16°56	5°52	24°55	4°58	3°24	11°51	3°45	19°41	26°30	13°R33	13°11	28°59	n.a.	S 24
M25	1 28 36	21°13'45	1♉23	7°23	26° 8	5° 3	3°17	11°51	3°48	19°40	26°32	13°33	13° 8	29° 5	n.a.	M25
T 26	1 32 32	22°14'48	15°33	8°55	27°22	5° 9	3°10	11°D51	3°52	19°39	26°35	13°32	13° 5	29°12	n.a.	T 26
W27	1 36 29	23°15'53	29°20	10°27	28°35	5°16	3° 2	11°51	3°56	19°39	26°37	13°31	13° 2	29°19	n.a.	W27
T 28	1 40 25	24°16'59	12♊43	11°59	29°48	5°23	2°55	11°51	3°59	19°38	26°39	13°30	12°58	29°25	n.a.	T 28
F 29	1 44 22	25°18'06	25°42	13°32	1♐ 1	5°30	2°48	11°51	4° 3	19°37	26°42	13°28	12°55	29°32	n.a.	F 29
S 30	1 48 18	26°19'14	8♋19	15° 5	2°15	5°39	2°41	11°52	4° 6	19°36	26°44	13°27	12°52	29°39	n.a.	S 30
S 31	1 52 15	27♎20'23	20♋37	16♎37	3♐28	5♓48	2♈35	11♒52	4♎10	19♊35	26♎46	13♈26	12♈49	29♌46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n15	27n58	4n44	8n17	1n14	11s 2	0s37	12s 5	3s 7	1n 6	1s39	19s28	2s12	0s22	0n37	22n47	0s40	0n18	11n 9	5n29	5n46	16n30		n.a.
S 2	0 51	28 58	5 7	8 32	1 28	11 32	0 40	12 6	3 3	1 3	1 39	19 28	2 12	0 24	0 37	22 47	0 40	0 17	11 9	5 29	5 45	16 28		n.a.
S 3	0 26	28 30	5 16	8 42	1 39	12 1	0 43	12 7	2 59	1 0	1 39	19 29	2 11	0 25	0 37	22 47	0 40	0 16	11 9	5 29	5 44	16 25		n.a.
M 4	0 2	26 40	5 11	8 45	1 49	12 30	0 46	12 8	2 55	0 57	1 39	19 30	2 11	0 27	0 37	22 47	0 40	0 15	11 9	5 28	5 42	16 22		n.a.
T 5	0s23	23 41	4 52	8 44	1 57	12 59	0 49	12 8	2 51	0 54	1 39	19 30	2 11	0 28	0 37	22 47	0 40	0 14	11 8	5 28	5 41	16 19		n.a.
W 6	0 47	19 45	4 21	8 37	2 4	13 28	0 52	12 9	2 47	0 50	1 39	19 31	2 11	0 30	0 37	22 47	0 40	0 13	11 8	5 27	5 40	16 16		n.a.
T 7	1 12	15 2	3 38	8 25	2 9	13 56	0 54	12 8	2 43	0 47	1 39	19 31	2 11	0 31	0 37	22 47	0 40	0 12	11 8	5 26	5 39	16 13		n.a.
F 8	1 36	9 46	2 46	8 10	2 13	14 24	0 57	12 8	2 39	0 44	1 39	19 32	2 11	0 33	0 37	22 47	0 40	0 11	11 8	5 26	5 37	16 10		n.a.
S 9	2 1	4 7	1 47	7 50	2 15	14 51	1 0	12 7	2 35	0 41	1 38	19 32	2 11	0 34	0 37	22 47	0 40	0 10	11 7	5 25	5 36	16 7		n.a.
S 10	2 25	1s45	0 42	7 27	2 17	15 19	1 3	12 6	2 31	0 37	1 38	19 32	2 11	0 36	0 37	22 47	0 40	0 9	11 7	5 25	5 35	16 4		n.a.
M11	2 50	7 37	0s26	7 2	2 17	15 45	1 5	12 5	2 27	0 34	1 38	19 33	2 10	0 38	0 37	22 47	0 40	0 9	11 7	5 25	5 34	16 1		n.a.
T 12	3 14	13 17	1 33	6 33	2 17	16 12	1 8	12 3	2 23	0 31	1 38	19 33	2 10	0 39	0 37	22 47	0 40	0 8	11 7	5 25	5 32	15 58		n.a.
W13	3 38	18 30	2 37	6 2	2 16	16 38	1 10	12 1	2 19	0 28	1 38	19 33	2 10	0 41	0 37	22 46	0 40	0 7	11 7	5 25	5 31	15 55		n.a.
T 14	4 3	23 0	3 34	5 30	2 13	17 3	1 13	11 59	2 16	0 25	1 38	19 34	2 10	0 42	0 37	22 46	0 40	0 6	11 6	5 25	5 30	15 52		n.a.
F 15	4 27	26 27	4 21	4 55	2 11	17 28	1 16	11 57	2 12	0 21	1 38	19 34	2 10	0 44	0 37	22 46	0 40	0 5	11 6	5 25	5 29	15 50		n.a.
S 16	4 51	28 31	4 56	4 19	2 8	17 53	1 18	11 54	2 8	0 18	1 38	19 34	2 10	0 45	0 37	22 46	0 40	0 4	11 6	5 26	5 27	15 47		n.a.
S 17	5 15	28 57	5 15	3 42	2 4	18 17	1 21	11 51	2 4	0 15	1 38	19 34	2 9	0 47	0 37	22 46	0 40	0 3	11 6	5 26	5 26	15 44		n.a.
M18	5 39	27 36	5 16	3 3	2 0	18 41	1 23	11 48	2 1	0 12	1 37	19 34	2 9	0 48	0 37	22 46	0 40	0 2	11 6	5 26	5 25	15 41		n.a.
T 19	6 3	24 28	4 58	2 24	1 55	19 4	1 26	11 44	1 57	0 9	1 37	19 34	2 9	0 50	0 37	22 46	0 40	0 1	11 6	5 26	5 24	15 38		n.a.
W20	6 27	19 48	4 22	1 44	1 50	19 27	1 28	11 41	1 53	0 6	1 37	19 34	2 9	0 51	0 37	22 46	0 40	0s 0	11 5	5 26	5 22	15 35		n.a.
T 21	6 51	13 54	3 28	1 3	1 45	19 49	1 30	11 37	1 50	0 3	1 37	19 34	2 9	0 53	0 37	22 46	0 40	0 1	11 5	5 26	5 21	15 32		n.a.
F 22	7 15	7 10	2 20	0 22	1 39	20 11	1 32	11 32	1 46	0 0	1 37	19 34	2 9	0 54	0 37	22 46	0 40	0 2	11 5	5 26	5 20	15 29		n.a.
S 23	7 38	0 2	1 2	0s20	1 33	20 32	1 35	11 28	1 43	0s 3	1 37	19 34	2 9	0 56	0 37	22 46	0 40	0 3	11 5	5 26	5 19	15 26		n.a.
S 24	8 2	7n 3	0n19	1 2	1 27	20 53	1 37	11 23	1 40	0 6	1 36	19 34	2 8	0 57	0 37	22 46	0 40	0 4	11 5	5 26	5 17	15 23		n.a.
M25	8 25	13 40	1 37	1 44	1 21	21 13	1 39	11 18	1 36	0 8	1 36	19 34	2 8	0 58	0 37	22 46	0 40	0 5	11 5	5 26	5 16	15 20		n.a.
T 26	8 48	19 27	2 48	2 27	1 15	21 32	1 41	11 13	1 33	0 11	1 36	19 34	2 8	1 0	0 37	22 46	0 40	0 6	11 5	5 26	5 15	15 17		n.a.
W27	9 11	24 3	3 47	3 10	1 8	21 51	1 43	11 8	1 30	0 14	1 36	19 34	2 8	1 1	0 37	22 46	0 40	0 7	11 5	5 25	5 14	15 14		n.a.
T 28	9 34	27 12	4 32	3 52	1 2	22 9	1 45	11 2	1 27	0 17	1 36	19 34	2 8	1 3	0 37	22 46	0 40	0 8	11 4	5 25	5 12	15 11		n.a.
F 29	9 57	28 48	5 2	4 35	0 55	22 27	1 47	10 56	1 24	0 19	1 35	19 34	2 8	1 4	0 37	22 46	0 40	0 9	11 4	5 24	5 11	15 8		n.a.
S 30	10 19	28 49	5 15	5 17	0 49	22 44	1 49	10 50	1 21	0 22	1 35	19 33	2 7	1 6	0 37	22 46	0 40	0 10	11 4	5 24	5 10	15 5		n.a.
S 31	10s42	27n24	5n14	6s 0	0n42	23s 0	1s50	10s44	1s18	0s24	1s35	19s33	2s 7	1s 7	0n37	22n45	0s40	0s11	11n 4	5n23	5n 9	15n 2		n.a.

Julian Day Number = 1277552.5, Delta T = 08h11m15s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'55, Lahiri = -20°43'54 Julian Calendar 1 Oct. 1216 BCE == Greg. Calendar 20 Sept. 1216 BCE

The year -1215 astronomical counting style corresponds to year 1216 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1216 BCE
geocentric

NOVEMBER 1216 BCE (-1215) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 56 11	28♎21'34	2♌41	18♎10	4♐41	5♓58	2°R28	11♒53	4♎13	19°R34	26♎49	13°D26	12♈46	29♌52	n.a.	M 1
T 2	2 0 8	29°22'45	14°36	19°43	5°54	6° 8	2♈21	11°53	4°17	19♊33	26°51	13♈27	12°42	29°59	n.a.	T 2
W 3	2 4 5	0♏23'58	26°25	21°17	7° 7	6°19	2°15	11°54	4°20	19°32	26°53	13°28	12°39	0♍ 6	n.a.	W 3
T 4	2 8 1	1°25'11	8♍15	22°50	8°20	6°31	2° 9	11°55	4°24	19°31	26°56	13°29	12°36	0°12	n.a.	T 4
F 5	2 11 58	2°26'25	20° 9	24°23	9°33	6°43	2° 3	11°56	4°27	19°30	26°58	13°31	12°33	0°19	n.a.	F 5
S 6	2 15 54	3°27'40	2♎12	25°57	10°46	6°56	1°57	11°57	4°31	19°29	27° 0	13°32	12°30	0°26	n.a.	S 6
S 7	2 19 51	4°28'55	14°25	27°30	11°58	7°10	1°51	11°58	4°34	19°28	27° 3	13°R33	12°27	0°32	n.a.	S 7
M 8	2 23 47	5°30'12	26°51	29° 4	13°11	7°24	1°45	12° 0	4°37	19°27	27° 5	13°32	12°23	0°39	n.a.	M 8
T 9	2 27 44	6°31'29	9♏32	0♏38	14°24	7°38	1°40	12° 1	4°41	19°26	27° 7	13°30	12°20	0°46	n.a.	T 9
W10	2 31 40	7°32'46	22°28	2°11	15°37	7°53	1°35	12° 3	4°44	19°25	27°10	13°27	12°17	0°52	n.a.	W10
T 11	2 35 37	8°34'04	5♐39	3°46	16°49	8° 9	1°29	12° 4	4°47	19°24	27°12	13°23	12°14	0°59	n.a.	T 11
F 12	2 39 34	9°35'22	19° 2	5°20	18° 2	8°25	1°24	12° 6	4°51	19°23	27°14	13°19	12°11	1° 6	n.a.	F 12
S 13	2 43 30	10°36'40	2♑38	6°54	19°14	8°42	1°20	12° 8	4°54	19°21	27°17	13°15	12° 8	1°12	n.a.	S 13
S 14	2 47 27	11°37'59	16°24	8°29	20°27	8°59	1°15	12°10	4°57	19°20	27°19	13°12	12° 4	1°19	n.a.	S 14
M15	2 51 23	12°39'17	0♒20	10° 3	21°39	9°17	1°11	12°12	5° 0	19°19	27°21	13°10	12° 1	1°26	n.a.	M15
T 16	2 55 20	13°40'35	14°23	11°38	22°51	9°35	1° 6	12°14	5° 4	19°18	27°23	13°D 9	11°58	1°32	n.a.	T 16
W17	2 59 16	14°41'53	28°32	13°13	24° 4	9°53	1° 2	12°17	5° 7	19°16	27°26	13°10	11°55	1°39	n.a.	W17
T 18	3 3 13	15°43'11	12♓46	14°49	25°16	10°12	0°59	12°19	5°10	19°15	27°28	13°11	11°52	1°46	n.a.	T 18
F 19	3 7 10	16°44'28	27° 3	16°25	26°28	10°32	0°55	12°22	5°13	19°14	27°30	13°13	11°48	1°52	n.a.	F 19
S 20	3 11 6	17°45'45	11♈20	18° 1	27°40	10°52	0°51	12°24	5°16	19°12	27°32	13°R13	11°45	1°59	n.a.	S 20
S 21	3 15 3	18°47'02	25°33	19°37	28°52	11°12	0°48	12°27	5°19	19°11	27°35	13°13	11°42	2° 6	n.a.	S 21
M22	3 18 59	19°48'19	9♉39	21°13	0♑ 4	11°33	0°45	12°30	5°22	19° 9	27°37	13°10	11°39	2°13	n.a.	M22
T 23	3 22 56	20°49'36	23°32	22°50	1°16	11°54	0°42	12°33	5°25	19° 8	27°39	13° 6	11°36	2°19	n.a.	T 23
W24	3 26 52	21°50'53	7♊ 9	24°27	2°27	12°15	0°40	12°36	5°28	19° 7	27°41	13° 0	11°33	2°26	n.a.	W24
T 25	3 30 49	22°52'10	20°27	26° 5	3°39	12°37	0°37	12°39	5°30	19° 5	27°43	12°53	11°29	2°33	n.a.	T 25
F 26	3 34 46	23°53'27	3♋25	27°43	4°50	12°59	0°35	12°42	5°33	19° 4	27°46	12°45	11°26	2°39	n.a.	F 26
S 27	3 38 42	24°54'44	16° 4	29°21	6° 2	13°22	0°33	12°45	5°36	19° 2	27°48	12°39	11°23	2°46	n.a.	S 27
S 28	3 42 39	25°56'01	28°24	0♐59	7°13	13°45	0°31	12°49	5°39	19° 1	27°50	12°33	11°20	2°53	n.a.	S 28
M29	3 46 35	26°57'17	10♌30	2°38	8°24	14° 8	0°29	12°52	5°42	18°59	27°52	12°30	11°17	2°59	n.a.	M29
T 30	3 50 32	27♏58'34	22♌26	4♐17	9♑35	14♓32	0♈28	12♒56	5♎44	18♊57	27♎54	12♈28	11♈14	3♍ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s 4	24n44	4n59	6s42	0n35	23s16	1s52	10s38	1s15	0s27	1s35	19s33	2s 7	1s 9	0n37	22n45	0s40	0s11	11n 4	5n23	5n 7	14n59		n.a.
T 2	11 26	21 2	4 31	7 24	0 28	23 31	1 54	10 31	1 12	0 29	1 34	19 32	2 7	1 10	0 37	22 45	0 40	0 12	11 4	5 24	5 6	14 56		n.a.
W 3	11 48	16 32	3 52	8 6	0 22	23 45	1 55	10 24	1 9	0 32	1 34	19 32	2 7	1 11	0 37	22 45	0 40	0 13	11 4	5 24	5 5	14 53		n.a.
T 4	12 10	11 26	3 3	8 48	0 15	23 59	1 57	10 17	1 6	0 34	1 34	19 31	2 7	1 13	0 37	22 45	0 40	0 14	11 4	5 25	5 4	14 50		n.a.
F 5	12 31	5 53	2 6	9 29	0 8	24 12	1 58	10 10	1 3	0 36	1 34	19 31	2 6	1 14	0 37	22 45	0 40	0 15	11 4	5 25	5 2	14 47		n.a.
S 6	12 53	0 4	1 2	10 10	0 2	24 24	2 0	10 3	1 0	0 38	1 33	19 31	2 6	1 15	0 37	22 45	0 40	0 16	11 4	5 26	5 1	14 44		n.a.
S 7	13 14	5s51	0s 5	10 50	0s 5	24 36	2 1	9 55	0 58	0 40	1 33	19 30	2 6	1 17	0 37	22 45	0 40	0 17	11 4	5 26	5 0	14 41		n.a.
M 8	13 35	11 39	1 13	11 30	0 12	24 47	2 2	9 47	0 55	0 42	1 33	19 29	2 6	1 18	0 37	22 45	0 40	0 18	11 4	5 26	4 59	14 38		n.a.
T 9	13 55	17 6	2 18	12 10	0 18	24 57	2 3	9 40	0 53	0 44	1 32	19 29	2 6	1 20	0 37	22 45	0 40	0 18	11 4	5 25	4 57	14 34		n.a.
W10	14 16	21 53	3 18	12 49	0 25	25 6	2 4	9 32	0 50	0 46	1 32	19 28	2 5	1 21	0 37	22 45	0 40	0 19	11 4	5 24	4 56	14 31		n.a.
T 11	14 36	25 40	4 8	13 28	0 31	25 15	2 5	9 23	0 48	0 48	1 32	19 28	2 5	1 22	0 37	22 45	0 40	0 20	11 4	5 22	4 55	14 28		n.a.
F 12	14 56	28 7	4 46	14 6	0 37	25 23	2 6	9 15	0 45	0 50	1 32	19 27	2 5	1 23	0 37	22 44	0 40	0 21	11 4	5 21	4 53	14 25		n.a.
S 13	15 15	28 57	5 8	14 44	0 43	25 30	2 7	9 6	0 43	0 51	1 31	19 26	2 5	1 25	0 37	22 44	0 40	0 22	11 4	5 19	4 52	14 22		n.a.
S 14	15 35	27 59	5 13	15 21	0 49	25 37	2 7	8 58	0 41	0 53	1 31	19 26	2 5	1 26	0 37	22 44	0 40	0 23	11 4	5 18	4 51	14 19		n.a.
M15	15 54	25 17	4 59	15 57	0 55	25 42	2 8	8 49	0 38	0 54	1 31	19 25	2 5	1 27	0 37	22 44	0 40	0 23	11 4	5 17	4 50	14 16		n.a.
T 16	16 13	21 3	4 28	16 32	1 1	25 47	2 9	8 40	0 36	0 56	1 30	19 24	2 4	1 29	0 37	22 44	0 40	0 24	11 4	5 17	4 48	14 13		n.a.
W17	16 31	15 37	3 40	17 7	1 6	25 51	2 9	8 31	0 34	0 57	1 30	19 23	2 4	1 30	0 37	22 44	0 40	0 25	11 4	5 17	4 47	14 10		n.a.
T 18	16 49	9 19	2 39	17 42	1 12	25 54	2 9	8 21	0 32	0 58	1 30	19 22	2 4	1 31	0 37	22 44	0 40	0 26	11 4	5 17	4 46	14 7		n.a.
F 19	17 7	2 31	1 27	18 15	1 17	25 57	2 9	8 12	0 29	1 0	1 29	19 21	2 4	1 32	0 37	22 44	0 40	0 26	11 4	5 18	4 45	14 4		n.a.
S 20	17 25	4n24	0 10	18 48	1 22	25 59	2 10	8 2	0 27	1 1	1 29	19 21	2 4	1 34	0 37	22 44	0 40	0 27	11 4	5 18	4 43	14 1		n.a.
S 21	17 42	11 5	1n 7	19 19	1 27	26 0	2 10	7 52	0 25	1 2	1 29	19 20	2 4	1 35	0 37	22 43	0 40	0 28	11 4	5 18	4 42	13 58		n.a.
M22	17 59	17 8	2 19	19 50	1 31	26 0	2 10	7 43	0 23	1 3	1 28	19 19	2 3	1 36	0 37	22 43	0 40	0 29	11 4	5 17	4 41	13 55		n.a.
T 23	18 16	22 13	3 22	20 20	1 36	26 0	2 9	7 33	0 21	1 4	1 28	19 18	2 3	1 37	0 37	22 43	0 40	0 29	11 4	5 15	4 40	13 51		n.a.
W24	18 32	26 0	4 11	20 49	1 40	25 58	2 9	7 22	0 19	1 4	1 28	19 17	2 3	1 38	0 37	22 43	0 40	0 30	11 4	5 13	4 38	13 48		n.a.
T 25	18 48	28 15	4 46	21 17	1 44	25 56	2 9	7 12	0 17	1 5	1 27	19 16	2 3	1 39	0 37	22 43	0 40	0 31	11 4	5 10	4 37	13 45		n.a.
F 26	19 4	28 53	5 5	21 43	1 47	25 53	2 8	7 2	0 16	1 6	1 27	19 14	2 3	1 40	0 37	22 43	0 40	0 32	11 4	5 7	4 36	13 42		n.a.
S 27	19 19	27 58	5 9	22 9	1 51	25 50	2 8	6 51	0 14	1 6	1 27	19 13	2 3	1 42	0 37	22 43	0 40	0 32	11 4	5 5	4 35	13 39		n.a.
S 28	19 34	25 41	4 58	22 33	1 54	25 45	2 7	6 41	0 12	1 7	1 26	19 12	2 2	1 43	0 37	22 43	0 40	0 33	11 4	5 2	4 33	13 36		n.a.
M29	19 48	22 16	4 33	22 56	1 56	25 40	2 6	6 30	0 10	1 7	1 26	19 11	2 2	1 44	0 37	22 42	0 40	0 34	11 4	5 1	4 32	13 33		n.a.
T 30	20s 2	18n 0	3n58	23s18	1s59	25s34	2s 5	6s19	0s 9	1s 7	1s26	19s10	2s 2	1s45	0n37	22n42	0s40	0s34	11n 4	5n 0	4n31	13n30		n.a.

Julian Day Number = 1277583.5, Delta T = 08h11m13s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'51, Lahiri = -20°43'50 Julian Calendar 1 Nov. 1216 BCE == Greg. Calendar 21 Oct. 1216 BCE

The year -1215 astronomical counting style corresponds to year 1216 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1216 BCE
geocentric

DECEMBER 1216 BCE (-1215) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 54 28	28♏59'50	4♍16	5♐57	10♑47	14♓55	0°R27	13♒ 0	5♎47	18°R56	27♎56	12°D28	11♈10	3♍13	n.a.	W 1
T 2	3 58 25	0♐ 1'06	16° 5	7°37	11°57	15°20	0♈25	13° 3	5°49	18♊54	27°58	12♈29	11° 7	3°19	n.a.	T 2
F 3	4 2 21	1° 2'22	28° 0	9°17	13° 8	15°44	0°25	13° 7	5°52	18°53	28° 0	12°30	11° 4	3°26	n.a.	F 3
S 4	4 6 18	2° 3'37	10♎ 5	10°57	14°19	16° 9	0°24	13°11	5°55	18°51	28° 2	12°R31	11° 1	3°33	n.a.	S 4
S 5	4 10 15	3° 4'52	22°24	12°37	15°30	16°34	0°24	13°15	5°57	18°50	28° 4	12°31	10°58	3°39	n.a.	S 5
M 6	4 14 11	4° 6'07	5♏ 1	14°18	16°40	16°59	0°23	13°19	5°59	18°48	28° 6	12°28	10°54	3°46	n.a.	M 6
T 7	4 18 8	5° 7'22	17°57	15°59	17°50	17°25	0°D23	13°24	6° 2	18°46	28° 8	12°23	10°51	3°53	n.a.	T 7
W 8	4 22 4	6° 8'36	1♐14	17°39	19° 1	17°51	0°24	13°28	6° 4	18°45	28°10	12°16	10°48	3°59	n.a.	W 8
T 9	4 26 1	7° 9'49	14°50	19°19	20°11	18°17	0°24	13°32	6° 6	18°43	28°12	12° 7	10°45	4° 6	n.a.	T 9
F 10	4 29 57	8°11'01	28°42	20°59	21°21	18°43	0°25	13°37	6° 9	18°41	28°14	11°57	10°42	4°13	n.a.	F 10
S 11	4 33 54	9°12'13	12♑46	22°39	22°31	19°10	0°25	13°41	6°11	18°40	28°16	11°47	10°39	4°19	n.a.	S 11
S 12	4 37 51	10°13'23	26°57	24°17	23°40	19°37	0°27	13°46	6°13	18°38	28°18	11°39	10°35	4°26	n.a.	S 12
M13	4 41 47	11°14'33	11♒11	25°55	24°50	20° 4	0°28	13°51	6°15	18°36	28°20	11°32	10°32	4°33	n.a.	M13
T 14	4 45 44	12°15'41	25°23	27°32	25°59	20°32	0°29	13°56	6°17	18°35	28°22	11°29	10°29	4°39	n.a.	T 14
W15	4 49 40	13°16'48	9♓32	29° 6	27° 9	20°59	0°31	14° 1	6°19	18°33	28°24	11°D28	10°26	4°46	n.a.	W15
T 16	4 53 37	14°17'53	23°36	0♑39	28°18	21°27	0°33	14° 6	6°21	18°31	28°25	11°28	10°23	4°53	n.a.	T 16
F 17	4 57 33	15°18'58	7♈34	2°10	29°27	21°55	0°35	14°11	6°23	18°30	28°27	11°R28	10°20	4°59	n.a.	F 17
S 18	5 1 30	16°20'01	21°27	3°37	0♒35	22°24	0°37	14°16	6°25	18°28	28°29	11°28	10°16	5° 6	n.a.	S 18
S 19	5 5 26	17°21'02	5♉12	5° 1	1°44	22°52	0°39	14°21	6°27	18°26	28°31	11°26	10°13	5°13	n.a.	S 19
M20	5 9 23	18°22'02	18°50	6°21	2°52	23°21	0°42	14°26	6°29	18°25	28°32	11°20	10°10	5°19	n.a.	M20
T 21	5 13 20	19°23'01	2♊18	7°36	4° 1	23°50	0°45	14°32	6°30	18°23	28°34	11°12	10° 7	5°26	n.a.	T 21
W22	5 17 16	20°23'59	15°34	8°46	5° 9	24°19	0°48	14°37	6°32	18°21	28°36	11° 2	10° 4	5°33	n.a.	W22
T 23	5 21 13	21°24'56	28°37	9°49	6°16	24°48	0°51	14°43	6°34	18°19	28°37	10°50	10° 0	5°39	n.a.	T 23
F 24	5 25 9	22°25'51	11♋24	10°45	7°24	25°17	0°55	14°48	6°35	18°18	28°39	10°37	9°57	5°46	n.a.	F 24
S 25	5 29 6	23°26'45	23°57	11°33	8°31	25°47	0°58	14°54	6°37	18°16	28°40	10°24	9°54	5°53	n.a.	S 25
S 26	5 33 2	24°27'38	6♌14	12°12	9°39	26°17	1° 2	15° 0	6°38	18°14	28°42	10°13	9°51	5°59	n.a.	S 26
M27	5 36 59	25°28'30	18°19	12°42	10°45	26°47	1° 6	15° 6	6°40	18°13	28°43	10° 5	9°48	6° 6	n.a.	M27
T 28	5 40 56	26°29'20	0♍13	13° 2	11°52	27°17	1°10	15°11	6°41	18°11	28°45	9°59	9°45	6°13	n.a.	T 28
W29	5 44 52	27°30'10	12° 3	13°R11	12°59	27°47	1°15	15°17	6°42	18° 9	28°46	9°56	9°41	6°19	n.a.	W29
T 30	5 48 49	28°30'58	23°51	13° 9	14° 5	28°17	1°19	15°23	6°44	18° 8	28°48	9°55	9°38	6°26	n.a.	T 30
F 31	5 52 45	29♐31'45	5♎45	12♑57	15♒11	28♓48	1♈24	15♒29	6♎45	18♊ 6	28♎49	9♈55	9♈35	6♍33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	20s16	13n 5	3n12	23s38	2s 1	25s28	2s 4	6s 8	0s 7	1s 7	1s25	19s 9	2s 2	1s46	0n37	22n42	0s40	0s35	11n 5	5n 0	4n30	13n27			n.a.
T 2	20 30	7 41	2 18	23 57	2 2	25 20	2 3	5 57	0 5	1 8	1 25	19 7	2 2	1 47	0 37	22 42	0 40	0 35	11 5	5 1	4 28	13 24			n.a.
F 3	20 43	2 0	1 18	24 15	2 3	25 12	2 2	5 46	0 4	1 8	1 25	19 6	2 2	1 48	0 37	22 42	0 40	0 36	11 5	5 1	4 27	13 20			n.a.
S 4	20 55	3s51	0 13	24 30	2 4	25 4	2 1	5 35	0 2	1 7	1 24	19 5	2 2	1 49	0 37	22 42	0 40	0 37	11 5	5 2	4 26	13 17			n.a.
S 5	21 8	9 41	0s53	24 45	2 4	24 54	1 59	5 24	0 0	1 7	1 24	19 3	2 1	1 50	0 37	22 42	0 40	0 37	11 5	5 1	4 24	13 14			n.a.
M 6	21 19	15 15	1 58	24 57	2 4	24 44	1 58	5 12	0n 1	1 7	1 24	19 2	2 1	1 51	0 37	22 42	0 40	0 38	11 5	5 0	4 23	13 11			n.a.
T 7	21 31	20 19	2 58	25 8	2 3	24 33	1 56	5 1	0 3	1 7	1 23	19 1	2 1	1 52	0 38	22 41	0 40	0 38	11 5	4 58	4 22	13 8			n.a.
W 8	21 42	24 31	3 51	25 17	2 2	24 21	1 55	4 49	0 4	1 6	1 23	18 59	2 1	1 53	0 38	22 41	0 40	0 39	11 5	4 55	4 21	13 5			n.a.
T 9	21 52	27 27	4 31	25 24	2 0	24 9	1 53	4 37	0 6	1 6	1 23	18 58	2 1	1 54	0 38	22 41	0 40	0 40	11 6	4 52	4 19	13 2			n.a.
F 10	22 2	28 47	4 57	25 29	1 57	23 56	1 51	4 26	0 7	1 5	1 22	18 56	2 1	1 54	0 38	22 41	0 40	0 40	11 6	4 48	4 18	12 58			n.a.
S 11	22 12	28 16	5 5	25 32	1 54	23 43	1 49	4 14	0 8	1 5	1 22	18 55	2 1	1 55	0 38	22 41	0 40	0 41	11 6	4 44	4 17	12 55			n.a.
S 12	22 21	25 55	4 54	25 33	1 50	23 28	1 46	4 2	0 10	1 4	1 22	18 53	2 0	1 56	0 38	22 41	0 40	0 41	11 6	4 41	4 16	12 52			n.a.
M13	22 30	21 57	4 25	25 32	1 46	23 14	1 44	3 50	0 11	1 3	1 21	18 52	2 0	1 57	0 38	22 41	0 40	0 42	11 6	4 38	4 14	12 49			n.a.
T 14	22 39	16 43	3 40	25 29	1 40	22 58	1 42	3 38	0 12	1 2	1 21	18 50	2 0	1 58	0 38	22 40	0 40	0 42	11 6	4 37	4 13	12 46			n.a.
W15	22 46	10 37	2 42	25 24	1 34	22 42	1 39	3 25	0 14	1 1	1 21	18 49	2 0	1 59	0 38	22 40	0 40	0 43	11 6	4 36	4 12	12 43			n.a.
T 16	22 54	4 1	1 34	25 17	1 27	22 25	1 37	3 13	0 15	1 0	1 20	18 47	2 0	1 59	0 38	22 40	0 40	0 43	11 7	4 36	4 11	12 39			n.a.
F 17	23 1	2n44	0 21	25 8	1 19	22 8	1 34	3 1	0 16	0 59	1 20	18 45	2 0	2 0	0 38	22 40	0 40	0 44	11 7	4 37	4 9	12 36			n.a.
S 18	23 8	9 19	0n53	24 57	1 10	21 50	1 31	2 48	0 17	0 58	1 20	18 44	2 0	2 1	0 38	22 40	0 40	0 44	11 7	4 37	4 8	12 33			n.a.
S 19	23 14	15 24	2 3	24 44	1 0	21 32	1 28	2 36	0 19	0 56	1 19	18 42	2 0	2 1	0 38	22 40	0 40	0 44	11 7	4 36	4 7	12 30			n.a.
M20	23 19	20 40	3 5	24 30	0 49	21 13	1 25	2 23	0 20	0 55	1 19	18 40	1 59	2 2	0 38	22 40	0 40	0 45	11 7	4 34	4 5	12 27			n.a.
T 21	23 24	24 49	3 55	24 14	0 37	20 54	1 22	2 10	0 21	0 54	1 19	18 39	1 59	2 3	0 38	22 40	0 40	0 45	11 8	4 30	4 4	12 24			n.a.
W22	23 29	27 34	4 33	23 57	0 24	20 34	1 18	1 58	0 22	0 52	1 18	18 37	1 59	2 3	0 38	22 39	0 40	0 46	11 8	4 26	4 3	12 20			n.a.
T 23	23 33	28 45	4 55	23 38	0 10	20 13	1 15	1 45	0 23	0 50	1 18	18 35	1 59	2 4	0 38	22 39	0 40	0 46	11 8	4 21	4 2	12 17			n.a.
F 24	23 37	28 21	5 1	23 19	0n 5	19 53	1 11	1 32	0 24	0 49	1 18	18 33	1 59	2 5	0 38	22 39	0 40	0 46	11 8	4 16	4 0	12 14			n.a.
S 25	23 41	26 29	4 53	23 0	0 20	19 31	1 8	1 19	0 25	0 47	1 17	18 32	1 59	2 5	0 38	22 39	0 40	0 47	11 8	4 11	3 59	12 11			n.a.
S 26	23 43	23 24	4 31	22 40	0 37	19 9	1 4	1 6	0 26	0 45	1 17	18 30	1 59	2 6	0 38	22 39	0 40	0 47	11 9	4 7	3 58	12 8			n.a.
M27	23 46	19 21	3 58	22 20	0 54	18 47	1 0	0 53	0 27	0 43	1 17	18 28	1 59	2 6	0 38	22 39	0 40	0 47	11 9	4 3	3 57	12 4			n.a.
T 28	23 48	14 36	3 14	22 0	1 11	18 25	0 56	0 40	0 28	0 41	1 16	18 26	1 59	2 7	0 38	22 39	0 40	0 48	11 9	4 1	3 55	12 1			n.a.
W29	23 49	9 20	2 22	21 42	1 29	18 2	0 52	0 27	0 29	0 39	1 16	18 24	1 58	2 7	0 38	22 38	0 40	0 48	11 9	4 0	3 54	11 58			n.a.
T 30	23 50	3 46	1 24	21 24	1 47	17 38	0 48	0 14	0 30	0 37	1 16	18 22	1 58	2 8	0 38	22 38	0 40	0 48	11 10	4 0	3 53	11 55			n.a.
F 31	23s50	1s59	0n22	21s 7	2n 5	17s14	0s43	0s 1	0n31	0s35	1s15	18s20	1s58	2s 8	0n38	22n38	0s40	0s48	11n10	4n 0	3n52	11n52			n.a.

Julian Day Number = 1277613.5, Delta T = 08h11m12s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'47, Lahiri = -20°43'46 Julian Calendar 1 Dec. 1216 BCE == Greg. Calendar 20 Nov. 1216 BCE

The year -1215 astronomical counting style corresponds to year 1216 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1215 BCE
geocentric

JANUARY 1215 BCE (-1214) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 56 42	0♉32'30	17♎48	12°R33	16♒17	29♓18	1♈29	15♒35	6♎46	18°R 4	28♎51	9°R55	9♈32	6♍39	n.a.	S 1
S 2	6 0 38	1°33'14	0♏ 8	12♉ 0	17°22	29°49	1°34	15°42	6°47	18♊ 3	28°52	9♈54	9°29	6°46	n.a.	S 2
M 3	6 4 35	2°33'58	12°48	11°16	18°27	0♈20	1°39	15°48	6°48	18° 1	28°53	9°50	9°26	6°53	n.a.	M 3
T 4	6 8 31	3°34'39	25°52	10°25	19°32	0°51	1°44	15°54	6°49	18° 0	28°54	9°44	9°22	6°59	n.a.	T 4
W 5	6 12 28	4°35'20	9♐21	9°27	20°37	1°22	1°50	16° 0	6°50	17°58	28°56	9°35	9°19	7° 6	n.a.	W 5
T 6	6 16 25	5°35'59	23°15	8°23	21°41	1°54	1°56	16° 7	6°51	17°56	28°57	9°23	9°16	7°13	n.a.	T 6
F 7	6 20 21	6°36'36	7♉31	7°16	22°45	2°25	2° 2	16°13	6°52	17°55	28°58	9°11	9°13	7°19	n.a.	F 7
S 8	6 24 18	7°37'12	22° 2	6° 7	23°49	2°57	2° 8	16°20	6°53	17°53	28°59	8°59	9°10	7°26	n.a.	S 8
S 9	6 28 14	8°37'45	6♒41	4°58	24°52	3°29	2°14	16°26	6°53	17°52	29° 0	8°48	9° 6	7°33	n.a.	S 9
M10	6 32 11	9°38'17	21°21	3°52	25°55	4° 0	2°21	16°33	6°54	17°50	29° 2	8°39	9° 3	7°39	n.a.	M10
T 11	6 36 7	10°38'47	5♓55	2°48	26°58	4°32	2°27	16°40	6°55	17°48	29° 3	8°34	9° 0	7°46	n.a.	T 11
W12	6 40 4	11°39'14	20°17	1°50	28° 0	5° 4	2°34	16°46	6°55	17°47	29° 4	8°32	8°57	7°53	n.a.	W12
T 13	6 44 0	12°39'40	4♈27	0°57	29° 2	5°37	2°41	16°53	6°56	17°45	29° 5	8°31	8°54	7°59	n.a.	T 13
F 14	6 47 57	13°40'03	18°22	0°10	0♓ 4	6° 9	2°48	17° 0	6°56	17°44	29° 6	8°31	8°51	8° 6	n.a.	F 14
S 15	6 51 54	14°40'25	2♉ 2	29♐30	1° 5	6°41	2°55	17° 7	6°56	17°42	29° 7	8°30	8°47	8°13	n.a.	S 15
S 16	6 55 50	15°40'44	15°30	28°58	2° 6	7°14	3° 3	17°14	6°57	17°41	29° 7	8°27	8°44	8°19	n.a.	S 16
M17	6 59 47	16°41'01	28°46	28°33	3° 6	7°46	3°10	17°21	6°57	17°40	29° 8	8°22	8°41	8°26	n.a.	M17
T 18	7 3 43	17°41'15	11♊51	28°16	4° 6	8°19	3°18	17°28	6°57	17°38	29° 9	8°13	8°38	8°33	n.a.	T 18
W19	7 7 40	18°41'28	24°45	28° 5	5° 5	8°52	3°26	17°35	6°58	17°37	29°10	8° 2	8°35	8°39	n.a.	W19
T 20	7 11 36	19°41'39	7♋27	28°D 1	6° 4	9°25	3°33	17°42	6°58	17°35	29°11	7°49	8°32	8°46	n.a.	T 20
F 21	7 15 33	20°41'48	19°58	28° 4	7° 3	9°58	3°42	17°49	6°58	17°34	29°11	7°36	8°28	8°53	n.a.	F 21
S 22	7 19 29	21°41'54	2♌18	28°14	8° 1	10°31	3°50	17°56	6°R58	17°33	29°12	7°22	8°25	9° 0	n.a.	S 22
S 23	7 23 26	22°41'59	14°27	28°29	8°58	11° 4	3°58	18° 3	6°58	17°31	29°13	7°11	8°22	9° 6	n.a.	S 23
M24	7 27 23	23°42'02	26°27	28°50	9°55	11°37	4° 7	18°10	6°58	17°30	29°14	7° 2	8°19	9°13	n.a.	M24
T 25	7 31 19	24°42'02	8♍19	29°15	10°51	12°10	4°15	18°17	6°57	17°29	29°14	6°55	8°16	9°19	n.a.	T 25
W26	7 35 16	25°42'01	20° 7	29°46	11°47	12°44	4°24	18°25	6°57	17°27	29°15	6°52	8°12	9°26	n.a.	W26
T 27	7 39 12	26°41'58	1♎55	0♉21	12°42	13°17	4°33	18°32	6°57	17°26	29°15	6°D50	8° 9	9°33	n.a.	T 27
F 28	7 43 9	27°41'53	13°47	1° 1	13°36	13°50	4°42	18°39	6°57	17°25	29°16	6°50	8° 6	9°39	n.a.	F 28
S 29	7 47 5	28°41'47	25°49	1°44	14°30	14°24	4°51	18°46	6°56	17°24	29°16	6°R51	8° 3	9°46	n.a.	S 29
S 30	7 51 2	29°41'38	8♏ 6	2°31	15°23	14°58	5° 0	18°54	6°56	17°23	29°17	6°50	8° 0	9°53	n.a.	S 30
M31	7 54 58	0♒41'28	20♏43	3♉22	16♓16	15♈31	5♈10	19♒ 1	6♎55	17♊21	29♎17	6♈48	7♈57	9♍59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	7s44	0s42	20s52	2n23	16s50	0s39	0n13	0n32	0s33	1s15	18s18	1s58	2s 9	0n38	22n38	0s40	0s49	11n10	4n 0	3n50	11n48		n.a.
S 2	23 50	13 20	1 45	20 39	2 39	16 26	0 34	0 26	0 33	0 30	1 15	18 17	1 58	2 9	0 38	22 38	0 40	0 49	11 10	3 59	3 49	11 45		n.a.
M 3	23 49	18 33	2 45	20 27	2 55	16 1	0 29	0 39	0 34	0 28	1 14	18 15	1 58	2 10	0 38	22 38	0 40	0 49	11 10	3 58	3 48	11 42		n.a.
T 4	23 48	23 4	3 37	20 17	3 9	15 36	0 25	0 53	0 35	0 25	1 14	18 13	1 58	2 10	0 38	22 38	0 40	0 49	11 11	3 55	3 46	11 39		n.a.
W 5	23 46	26 30	4 20	20 9	3 21	15 10	0 20	1 6	0 36	0 23	1 14	18 10	1 58	2 10	0 38	22 38	0 40	0 50	11 11	3 51	3 45	11 36		n.a.
T 6	23 43	28 28	4 48	20 3	3 31	14 45	0 15	1 20	0 37	0 20	1 13	18 8	1 58	2 11	0 38	22 37	0 40	0 50	11 11	3 47	3 44	11 32		n.a.
F 7	23 40	28 37	5 0	19 59	3 39	14 19	0 10	1 33	0 38	0 18	1 13	18 6	1 58	2 11	0 38	22 37	0 40	0 50	11 12	3 42	3 43	11 29		n.a.
S 8	23 37	26 49	4 52	19 57	3 45	13 53	0 4	1 47	0 38	0 15	1 13	18 4	1 58	2 11	0 38	22 37	0 40	0 50	11 12	3 37	3 41	11 26		n.a.
S 9	23 33	23 11	4 26	19 56	3 49	13 26	0n 1	2 0	0 39	0 12	1 12	18 2	1 58	2 12	0 38	22 37	0 40	0 50	11 12	3 33	3 40	11 23		n.a.
M10	23 29	18 6	3 41	19 57	3 50	13 0	0 6	2 14	0 40	0 9	1 12	18 0	1 57	2 12	0 38	22 37	0 40	0 50	11 12	3 29	3 39	11 19		n.a.
T 11	23 24	12 1	2 43	19 59	3 49	12 33	0 12	2 27	0 41	0 6	1 12	17 58	1 57	2 12	0 38	22 37	0 40	0 50	11 13	3 27	3 38	11 16		n.a.
W12	23 19	5 21	1 35	20 3	3 46	12 6	0 17	2 41	0 41	0 3	1 11	17 56	1 57	2 12	0 38	22 37	0 40	0 51	11 13	3 26	3 36	11 13		n.a.
T 13	23 14	1n28	0 22	20 9	3 42	11 38	0 23	2 55	0 42	0 0	1 11	17 54	1 57	2 12	0 39	22 37	0 40	0 51	11 13	3 26	3 35	11 10		n.a.
F 14	23 8	8 7	0n52	20 15	3 35	11 11	0 29	3 8	0 43	0n 3	1 11	17 52	1 57	2 13	0 39	22 36	0 40	0 51	11 13	3 26	3 34	11 6		n.a.
S 15	23 1	14 16	2 1	20 23	3 27	10 44	0 35	3 22	0 44	0 6	1 11	17 49	1 57	2 13	0 39	22 36	0 40	0 51	11 14	3 26	3 32	11 3		n.a.
S 16	22 54	19 39	3 2	20 32	3 18	10 16	0 41	3 36	0 44	0 9	1 10	17 47	1 57	2 13	0 39	22 36	0 40	0 51	11 14	3 24	3 31	11 0		n.a.
M17	22 47	24 0	3 52	20 42	3 8	9 48	0 47	3 49	0 45	0 13	1 10	17 45	1 57	2 13	0 39	22 36	0 40	0 51	11 14	3 22	3 30	10 57		n.a.
T 18	22 39	27 2	4 30	20 52	2 58	9 21	0 53	4 3	0 46	0 16	1 10	17 43	1 57	2 13	0 39	22 36	0 40	0 51	11 14	3 19	3 29	10 53		n.a.
W19	22 31	28 36	4 52	21 3	2 46	8 53	1 0	4 17	0 46	0 19	1 9	17 41	1 57	2 13	0 39	22 36	0 39	0 51	11 15	3 14	3 27	10 50		n.a.
T 20	22 22	28 37	5 0	21 15	2 35	8 25	1 6	4 31	0 47	0 23	1 9	17 38	1 57	2 13	0 39	22 36	0 39	0 51	11 15	3 9	3 26	10 47		n.a.
F 21	22 13	27 10	4 53	21 27	2 22	7 57	1 13	4 44	0 48	0 26	1 9	17 36	1 57	2 13	0 39	22 36	0 39	0 51	11 15	3 4	3 25	10 44		n.a.
S 22	22 4	24 24	4 33	21 40	2 10	7 29	1 19	4 58	0 48	0 30	1 9	17 34	1 57	2 13	0 39	22 36	0 39	0 51	11 16	2 58	3 24	10 40		n.a.
S 23	21 54	20 35	4 0	21 52	1 58	7 1	1 26	5 12	0 49	0 34	1 8	17 31	1 57	2 13	0 39	22 35	0 39	0 51	11 16	2 54	3 22	10 37		n.a.
M24	21 43	15 59	3 17	22 5	1 45	6 33	1 33	5 26	0 50	0 37	1 8	17 29	1 57	2 13	0 39	22 35	0 39	0 51	11 16	2 50	3 21	10 34		n.a.
T 25	21 33	10 50	2 25	22 17	1 33	6 5	1 40	5 39	0 50	0 41	1 8	17 27	1 57	2 13	0 39	22 35	0 39	0 51	11 16	2 47	3 20	10 31		n.a.
W26	21 22	5 19	1 28	22 30	1 21	5 37	1 46	5 53	0 51	0 45	1 8	17 25	1 57	2 13	0 39	22 35	0 39	0 51	11 17	2 46	3 18	10 27		n.a.
T 27	21 10	0s22	0 26	22 42	1 9	5 10	1 53	6 7	0 51	0 49	1 7	17 22	1 57	2 13	0 39	22 35	0 39	0 51	11 17	2 45	3 17	10 24		n.a.
F 28	20 58	6 5	0s37	22 53	0 57	4 42	2 1	6 21	0 52	0 53	1 7	17 20	1 57	2 12	0 39	22 35	0 39	0 51	11 17	2 45	3 16	10 21		n.a.
S 29	20 46	11 40	1 39	23 4	0 46	4 14	2 8	6 35	0 53	0 56	1 7	17 18	1 57	2 12	0 39	22 35	0 39	0 50	11 18	2 46	3 15	10 17		n.a.
S 30	20 33	16 56	2 38	23 15	0 34	3 47	2 15	6 48	0 53	1 0	1 7	17 15	1 57	2 12	0 39	22 35	0 39	0 50	11 18	2 46	3 13	10 14		n.a.
M31	20s20	21s38	3s32	23s25	0n23	3s20	2n22	7n 2	0n54	1n 4	1s 6	17s13	1s57	2s12	0n39	22n35	0s39	0s50	11n18	2n45	3n12	10n11		n.a.

Julian Day Number = 1277644.5, Delta T = 08h11m10s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'42, Lahiri = -20°43'42 Julian Calendar 1 Jan. 1215 BCE == Greg. Calendar 21 Dec. 1216 BCE

The year -1214 astronomical counting style corresponds to year 1215 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1215 BCE
geocentric

FEBRUARY 1215 BCE (-1214) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 58 55	1♒41'16	3♐46	4♑15	17♓ 8	16♈ 5	5♈19	19♒ 9	6°R55	17°R20	29♎17	6°R44	7♈53	10♍ 6	n.a.	T 1
W 2	8 2 52	2°41'02	17°16	5°12	17°59	16°39	5°29	19°16	6♎54	17♊19	29°18	6♈38	7°50	10°13	n.a.	W 2
T 3	8 6 48	3°40'46	1♑15	6°11	18°49	17°13	5°39	19°23	6°54	17°18	29°18	6°29	7°47	10°19	n.a.	T 3
F 4	8 10 45	4°40'28	15°41	7°13	19°38	17°47	5°48	19°31	6°53	17°17	29°18	6°19	7°44	10°26	n.a.	F 4
S 5	8 14 41	5°40'09	0♒27	8°18	20°27	18°21	5°58	19°38	6°52	17°16	29°19	6° 9	7°41	10°33	n.a.	S 5
S 6	8 18 38	6°39'47	15°27	9°25	21°15	18°55	6° 9	19°46	6°51	17°15	29°19	6° 1	7°38	10°39	n.a.	S 6
M 7	8 22 34	7°39'22	0♓30	10°34	22° 2	19°29	6°19	19°53	6°51	17°14	29°19	5°54	7°34	10°46	n.a.	M 7
T 8	8 26 31	8°38'56	15°27	11°45	22°48	20° 3	6°29	20° 1	6°50	17°13	29°19	5°50	7°31	10°53	n.a.	T 8
W 9	8 30 27	9°38'27	0♈10	12°58	23°33	20°38	6°39	20° 9	6°49	17°12	29°19	5°D48	7°28	10°59	n.a.	W 9
T 10	8 34 24	10°37'55	14°36	14°13	24°17	21°12	6°50	20°16	6°48	17°11	29°19	5°49	7°25	11° 6	n.a.	T 10
F 11	8 38 20	11°37'21	28°40	15°30	25° 0	21°46	7° 1	20°24	6°47	17°11	29°R19	5°49	7°22	11°13	n.a.	F 11
S 12	8 42 17	12°36'45	12♉24	16°49	25°42	22°21	7°11	20°31	6°46	17°10	29°19	5°R50	7°18	11°19	n.a.	S 12
S 13	8 46 14	13°36'06	25°47	18° 9	26°23	22°55	7°22	20°39	6°45	17° 9	29°19	5°49	7°15	11°26	n.a.	S 13
M14	8 50 10	14°35'24	8♊53	19°32	27° 2	23°30	7°33	20°47	6°43	17° 8	29°19	5°46	7°12	11°33	n.a.	M14
T 15	8 54 7	15°34'41	21°43	20°55	27°41	24° 5	7°44	20°54	6°42	17° 8	29°19	5°41	7° 9	11°39	n.a.	T 15
W16	8 58 3	16°33'55	4♋20	22°21	28°18	24°39	7°55	21° 2	6°41	17° 7	29°19	5°34	7° 6	11°46	n.a.	W16
T 17	9 2 0	17°33'06	16°46	23°48	28°54	25°14	8° 6	21° 9	6°40	17° 6	29°19	5°26	7° 3	11°53	n.a.	T 17
F 18	9 5 56	18°32'15	29° 1	25°16	29°28	25°49	8°17	21°17	6°38	17° 5	29°18	5°17	6°59	11°59	n.a.	F 18
S 19	9 9 53	19°31'22	11♌ 8	26°46	0♈ 1	26°23	8°29	21°25	6°37	17° 5	29°18	5° 8	6°56	12° 6	n.a.	S 19
S 20	9 13 49	20°30'27	23° 7	28°17	0°33	26°58	8°40	21°32	6°35	17° 4	29°18	5° 1	6°53	12°13	n.a.	S 20
M21	9 17 46	21°29'29	5♍ 0	29°50	1° 3	27°33	8°52	21°40	6°34	17° 4	29°18	4°55	6°50	12°19	n.a.	M21
T 22	9 21 43	22°28'29	16°49	1♒25	1°31	28° 8	9° 3	21°48	6°32	17° 3	29°17	4°51	6°47	12°26	n.a.	T 22
W23	9 25 39	23°27'27	28°37	3° 1	1°58	28°43	9°15	21°55	6°31	17° 3	29°17	4°49	6°43	12°33	n.a.	W23
T 24	9 29 36	24°26'23	10♎26	4°38	2°23	29°18	9°27	22° 3	6°29	17° 2	29°16	4°D49	6°40	12°39	n.a.	T 24
F 25	9 33 32	25°25'17	22°19	6°17	2°47	29°53	9°38	22°11	6°28	17° 2	29°16	4°50	6°37	12°46	n.a.	F 25
S 26	9 37 29	26°24'10	4♏22	7°57	3° 8	0♉28	9°50	22°18	6°26	17° 1	29°15	4°52	6°34	12°53	n.a.	S 26
S 27	9 41 25	27°23'00	16°39	9°39	3°28	1° 3	10° 2	22°26	6°24	17° 1	29°15	4°53	6°31	12°59	n.a.	S 27
M28	9 45 22	28♒21'49	29♏14	11♒22	3♈46	1♉38	10♈14	22♒34	6♎22	17♊ 1	29♎14	4°R54	6♈28	13♍ 6	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 7	25s26	4s15	23s34	0n12	2s53	2n30	7n16	0n54	1n 8	1s 6	17s10	1s57	2s12	0n39	22n35	0s39	0s50	11n19	2n43	3n11	10n 8		n.a.
W 2	19 53	27 59	4 47	23 42	0 2	2 26	2 37	7 29	0 55	1 13	1 6	17 8	1 57	2 11	0 39	22 35	0 39	0 50	11 19	2 40	3 10	10 4		n.a.
T 3	19 39	28 53	5 3	23 50	0s 8	1 59	2 45	7 43	0 55	1 17	1 6	17 6	1 57	2 11	0 39	22 35	0 39	0 50	11 19	2 37	3 8	10 1		n.a.
F 4	19 25	27 52	5 0	23 56	0 18	1 32	2 52	7 57	0 56	1 21	1 5	17 3	1 57	2 11	0 39	22 34	0 39	0 49	11 19	2 33	3 7	9 58		n.a.
S 5	19 10	24 54	4 37	24 2	0 27	1 6	3 0	8 11	0 56	1 25	1 5	17 1	1 57	2 10	0 39	22 34	0 39	0 49	11 20	2 29	3 6	9 54		n.a.
S 6	18 55	20 13	3 56	24 6	0 36	0 40	3 8	8 24	0 57	1 29	1 5	16 58	1 57	2 10	0 39	22 34	0 39	0 49	11 20	2 26	3 4	9 51		n.a.
M 7	18 40	14 14	2 57	24 10	0 45	0 14	3 15	8 38	0 57	1 34	1 5	16 56	1 57	2 10	0 39	22 34	0 39	0 49	11 20	2 23	3 3	9 48		n.a.
T 8	18 24	7 28	1 47	24 12	0 53	0n12	3 23	8 51	0 58	1 38	1 4	16 54	1 57	2 9	0 39	22 34	0 39	0 49	11 21	2 21	3 2	9 44		n.a.
W 9	18 8	0 23	0 30	24 13	1 1	0 37	3 31	9 5	0 58	1 42	1 4	16 51	1 57	2 9	0 39	22 34	0 39	0 48	11 21	2 21	3 1	9 41		n.a.
T 10	17 52	6n34	0n47	24 13	1 9	1 2	3 39	9 19	0 59	1 47	1 4	16 49	1 57	2 9	0 39	22 34	0 39	0 48	11 21	2 21	2 59	9 38		n.a.
F 11	17 35	13 2	2 0	24 11	1 16	1 27	3 47	9 32	0 59	1 51	1 4	16 46	1 57	2 8	0 39	22 34	0 39	0 48	11 21	2 21	2 58	9 35		n.a.
S 12	17 18	18 43	3 3	24 8	1 23	1 51	3 55	9 46	1 0	1 56	1 3	16 44	1 57	2 8	0 39	22 34	0 39	0 48	11 22	2 21	2 57	9 31		n.a.
S 13	17 1	23 20	3 56	24 4	1 29	2 14	4 3	9 59	1 0	2 0	1 3	16 41	1 57	2 7	0 39	22 34	0 39	0 47	11 22	2 21	2 56	9 28		n.a.
M14	16 44	26 40	4 34	23 58	1 35	2 38	4 11	10 12	1 0	2 5	1 3	16 39	1 57	2 7	0 39	22 34	0 39	0 47	11 22	2 20	2 54	9 25		n.a.
T 15	16 26	28 32	4 58	23 51	1 41	3 1	4 19	10 26	1 1	2 10	1 3	16 36	1 57	2 6	0 39	22 34	0 39	0 47	11 23	2 18	2 53	9 21		n.a.
W16	16 8	28 53	5 7	23 42	1 46	3 23	4 27	10 39	1 1	2 14	1 3	16 34	1 57	2 6	0 39	22 34	0 39	0 46	11 23	2 15	2 52	9 18		n.a.
T 17	15 50	27 45	5 1	23 32	1 51	3 45	4 35	10 52	1 2	2 19	1 2	16 31	1 57	2 5	0 39	22 34	0 39	0 46	11 23	2 12	2 50	9 15		n.a.
F 18	15 31	25 17	4 41	23 20	1 55	4 6	4 43	11 6	1 2	2 24	1 2	16 29	1 57	2 5	0 39	22 34	0 39	0 46	11 23	2 8	2 49	9 11		n.a.
S 19	15 13	21 43	4 9	23 6	1 59	4 27	4 51	11 19	1 2	2 28	1 2	16 26	1 57	2 4	0 40	22 34	0 39	0 45	11 24	2 5	2 48	9 8		n.a.
S 20	14 54	17 17	3 26	22 51	2 3	4 47	4 59	11 32	1 3	2 33	1 2	16 24	1 57	2 3	0 40	22 34	0 39	0 45	11 24	2 1	2 47	9 5		n.a.
M21	14 35	12 13	2 34	22 34	2 6	5 6	5 7	11 45	1 3	2 38	1 1	16 21	1 57	2 3	0 40	22 34	0 39	0 45	11 24	1 59	2 45	9 1		n.a.
T 22	14 15	6 46	1 36	22 16	2 8	5 25	5 15	11 58	1 3	2 43	1 1	16 19	1 57	2 2	0 40	22 34	0 38	0 44	11 25	1 58	2 44	8 58		n.a.
W23	13 56	1 4	0 34	21 55	2 10	5 43	5 23	12 11	1 4	2 48	1 1	16 17	1 57	2 1	0 40	22 34	0 38	0 44	11 25	1 57	2 43	8 55		n.a.
T 24	13 36	4s40	0s30	21 33	2 12	6 0	5 31	12 24	1 4	2 52	1 1	16 14	1 57	2 1	0 40	22 34	0 38	0 44	11 25	1 57	2 42	8 51		n.a.
F 25	13 16	10 17	1 34	21 10	2 13	6 17	5 38	12 37	1 4	2 57	1 1	16 12	1 57	2 0	0 40	22 34	0 38	0 43	11 25	1 57	2 40	8 48		n.a.
S 26	12 55	15 36	2 34	20 44	2 14	6 32	5 46	12 50	1 5	3 2	1 0	16 9	1 57	1 59	0 40	22 34	0 38	0 43	11 26	1 58	2 39	8 45		n.a.
S 27	12 35	20 25	3 28	20 17	2 14	6 47	5 53	13 3	1 5	3 7	1 0	16 7	1 57	1 59	0 40	22 34	0 38	0 42	11 26	1 58	2 38	8 41		n.a.
M28	12s14	24s27	4s14	19s48	2s14	7n 1	6n 1	13n16	1n 5	3n12	1s 0	16s 4	1s57	1s58	0n40	22n34	0s38	0s42	11n26	1n59	2n36	8n38		n.a.

Julian Day Number = 1277675.5, Delta T = 08h11m08s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'38, Lahiri = -20°43'38 Julian Calendar 1 Feb. 1215 BCE == Greg. Calendar 21 Jan. 1215 BCE

The year -1214 astronomical counting style corresponds to year 1215 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1215 BCE
geocentric

MARCH 1215 BCE (-1214) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 49 18	29♒20'35	12♐12	13♒ 6	4♈ 2	2♉13	10♈27	22♒41	6°R21	17°R 1	29°R14	4°R53	6♈24	13♍13	n.a.	T 1
W 2	9 53 15	0♓19'20	25°37	14°53	4°15	2°49	10°39	22°49	6♎19	17♊ 0	29♎13	4♈51	6°21	13°19	n.a.	W 2
T 3	9 57 11	1°18'03	9♑30	16°40	4°27	3°24	10°51	22°56	6°17	17° 0	29°13	4°47	6°18	13°26	n.a.	T 3
F 4	10 1 8	2°16'45	23°51	18°29	4°36	3°59	11° 3	23° 4	6°15	17° 0	29°12	4°43	6°15	13°33	n.a.	F 4
S 5	10 5 5	3°15'24	8♒36	20°20	4°44	4°34	11°16	23°12	6°13	17° 0	29°11	4°38	6°12	13°39	n.a.	S 5
S 6	10 9 1	4°14'01	23°40	22°12	4°49	5°10	11°28	23°19	6°11	17° 0	29°11	4°34	6° 9	13°46	n.a.	S 6
M 7	10 12 58	5°12'36	8♓52	24° 6	4°52	5°45	11°41	23°27	6° 9	16°59	29°10	4°31	6° 5	13°53	n.a.	M 7
T 8	10 16 54	6°11'09	24° 3	26° 1	4°R52	6°21	11°53	23°34	6° 7	16°59	29° 9	4°29	6° 2	13°59	n.a.	T 8
W 9	10 20 51	7° 9'40	9♈ 3	27°58	4°50	6°56	12° 6	23°42	6° 5	16°D59	29° 8	4°D29	5°59	14° 6	n.a.	W 9
T 10	10 24 47	8° 8'09	23°46	29°56	4°45	7°32	12°19	23°49	6° 3	16°59	29° 7	4°30	5°56	14°13	n.a.	T 10
F 11	10 28 44	9° 6'36	8♉ 5	1♓56	4°38	8° 7	12°31	23°57	6° 1	16°59	29° 7	4°31	5°53	14°19	n.a.	F 11
S 12	10 32 40	10° 5'00	22° 0	3°57	4°29	8°43	12°44	24° 4	5°59	16°59	29° 6	4°32	5°49	14°26	n.a.	S 12
S 13	10 36 37	11° 3'22	5♊29	6° 0	4°17	9°18	12°57	24°12	5°56	17° 0	29° 5	4°R33	5°46	14°33	n.a.	S 13
M14	10 40 34	12° 1'42	18°36	8° 3	4° 3	9°54	13°10	24°19	5°54	17° 0	29° 4	4°33	5°43	14°39	n.a.	M14
T 15	10 44 30	12°59'59	1♋22	10° 8	3°46	10°29	13°23	24°27	5°52	17° 0	29° 3	4°32	5°40	14°46	n.a.	T 15
W16	10 48 27	13°58'15	13°51	12°14	3°27	11° 5	13°36	24°34	5°50	17° 0	29° 2	4°30	5°37	14°52	n.a.	W16
T 17	10 52 23	14°56'28	26° 6	14°21	3° 5	11°41	13°49	24°41	5°47	17° 0	29° 1	4°27	5°34	14°59	n.a.	T 17
F 18	10 56 20	15°54'39	8♌10	16°29	2°41	12°17	14° 2	24°49	5°45	17° 1	29° 0	4°25	5°30	15° 6	n.a.	F 18
S 19	11 0 16	16°52'48	20° 7	18°37	2°15	12°52	14°15	24°56	5°43	17° 1	28°59	4°22	5°27	15°12	n.a.	S 19
S 20	11 4 13	17°50'55	1♍59	20°46	1°47	13°28	14°28	25° 3	5°40	17° 1	28°58	4°19	5°24	15°19	n.a.	S 20
M21	11 8 9	18°49'00	13°48	22°54	1°17	14° 4	14°41	25°10	5°38	17° 2	28°57	4°18	5°21	15°26	n.a.	M21
T 22	11 12 6	19°47'03	25°36	25° 3	0°46	14°40	14°55	25°18	5°36	17° 2	28°55	4°17	5°18	15°32	n.a.	T 22
W23	11 16 2	20°45'05	7♎26	27°11	0°12	15°15	15° 8	25°25	5°33	17° 2	28°54	4°D16	5°15	15°39	n.a.	W23
T 24	11 19 59	21°43'04	19°19	29°18	29♓38	15°51	15°21	25°32	5°31	17° 3	28°53	4°17	5°11	15°46	n.a.	T 24
F 25	11 23 56	22°41'02	1♏19	1♈24	29° 2	16°27	15°35	25°39	5°28	17° 3	28°52	4°18	5° 8	15°52	n.a.	F 25
S 26	11 27 52	23°38'59	13°29	3°29	28°25	17° 3	15°48	25°46	5°26	17° 4	28°51	4°19	5° 5	15°59	n.a.	S 26
S 27	11 31 49	24°36'54	25°51	5°32	27°48	17°39	16° 1	25°53	5°24	17° 5	28°49	4°20	5° 2	16° 6	n.a.	S 27
M28	11 35 45	25°34'47	8♐29	7°34	27°10	18°15	16°15	26° 0	5°21	17° 5	28°48	4°21	4°59	16°12	n.a.	M28
T 29	11 39 42	26°32'39	21°26	9°33	26°32	18°51	16°28	26° 7	5°19	17° 6	28°47	4°R21	4°55	16°19	n.a.	T 29
W30	11 43 38	27°30'30	4♑46	11°30	25°54	19°27	16°42	26°14	5°16	17° 6	28°45	4°21	4°52	16°26	n.a.	W30
T 31	11 47 35	28♓28'20	18♑30	13♈24	25♓16	20♉ 3	16♈56	26♒21	5♎14	17♊ 7	28♎44	4♈21	4♈49	16♍32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s54	27s24	4s48	19s17	2s13	7n14	6n 8	13n28	1n 6	3n17	1s 0	16s 2	1s57	1s57	0n40	22n34	0s38	0s41	11n26	1n58	2n35	8n35			n.a.
W 2	11 33	28 54	5 8	18 44	2 11	7 26	6 15	13 41	1 6	3 22	1 0	15 59	1 57	1 56	0 40	22 34	0 38	0 41	11 27	1 57	2 34	8 31			n.a.
T 3	11 12	28 40	5 11	18 9	2 10	7 37	6 22	13 54	1 6	3 27	1 0	15 57	1 57	1 56	0 40	22 34	0 38	0 41	11 27	1 56	2 33	8 28			n.a.
F 4	10 50	26 32	4 55	17 33	2 7	7 47	6 29	14 6	1 7	3 32	0 59	15 54	1 57	1 55	0 40	22 34	0 38	0 40	11 27	1 54	2 31	8 24			n.a.
S 5	10 29	22 35	4 19	16 55	2 4	7 56	6 35	14 19	1 7	3 37	0 59	15 52	1 58	1 54	0 40	22 34	0 38	0 40	11 27	1 52	2 30	8 21			n.a.
S 6	10 7	17 5	3 25	16 14	2 1	8 3	6 41	14 31	1 7	3 42	0 59	15 49	1 58	1 53	0 40	22 34	0 38	0 39	11 28	1 51	2 29	8 18			n.a.
M 7	9 45	10 28	2 16	15 33	1 57	8 10	6 47	14 43	1 8	3 48	0 59	15 47	1 58	1 52	0 40	22 34	0 38	0 39	11 28	1 49	2 27	8 14			n.a.
T 8	9 24	3 16	0 57	14 49	1 52	8 15	6 52	14 55	1 8	3 53	0 59	15 44	1 58	1 52	0 40	22 34	0 38	0 38	11 28	1 49	2 26	8 11			n.a.
W 9	9 2	4n 2	0n25	14 3	1 47	8 19	6 58	15 8	1 8	3 58	0 59	15 42	1 58	1 51	0 40	22 34	0 38	0 38	11 28	1 49	2 25	8 8			n.a.
T 10	8 39	10 59	1 44	13 16	1 42	8 21	7 2	15 20	1 8	4 3	0 58	15 39	1 58	1 50	0 40	22 34	0 38	0 37	11 28	1 49	2 24	8 4			n.a.
F 11	8 17	17 11	2 54	12 27	1 35	8 23	7 7	15 32	1 9	4 8	0 58	15 37	1 58	1 49	0 40	22 34	0 38	0 37	11 29	1 49	2 22	8 1			n.a.
S 12	7 55	22 18	3 52	11 36	1 29	8 22	7 11	15 44	1 9	4 13	0 58	15 34	1 58	1 48	0 40	22 34	0 38	0 36	11 29	1 50	2 21	7 58			n.a.
S 13	7 32	26 6	4 36	10 43	1 21	8 21	7 14	15 55	1 9	4 19	0 58	15 32	1 58	1 47	0 40	22 34	0 38	0 36	11 29	1 50	2 20	7 54			n.a.
M14	7 10	28 22	5 3	9 49	1 14	8 17	7 17	16 7	1 9	4 24	0 58	15 30	1 58	1 46	0 40	22 34	0 38	0 35	11 29	1 50	2 19	7 51			n.a.
T 15	6 47	29 5	5 15	8 54	1 5	8 13	7 19	16 19	1 10	4 29	0 58	15 27	1 58	1 46	0 40	22 34	0 38	0 35	11 30	1 50	2 17	7 47			n.a.
W16	6 24	28 16	5 11	7 57	0 57	8 6	7 21	16 30	1 10	4 34	0 57	15 25	1 59	1 45	0 40	22 34	0 38	0 34	11 30	1 49	2 16	7 44			n.a.
T 17	6 2	26 4	4 53	6 59	0 47	7 59	7 22	16 42	1 10	4 40	0 57	15 22	1 59	1 44	0 40	22 34	0 38	0 34	11 30	1 48	2 15	7 41			n.a.
F 18	5 39	22 44	4 22	6 0	0 38	7 49	7 22	16 53	1 10	4 45	0 57	15 20	1 59	1 43	0 40	22 34	0 38	0 33	11 30	1 47	2 13	7 37			n.a.
S 19	5 16	18 30	3 40	5 0	0 28	7 38	7 22	17 5	1 10	4 50	0 57	15 17	1 59	1 42	0 40	22 34	0 38	0 33	11 30	1 46	2 12	7 34			n.a.
S 20	4 53	13 34	2 49	3 59	0 18	7 26	7 21	17 16	1 11	4 56	0 57	15 15	1 59	1 41	0 40	22 34	0 38	0 32	11 30	1 45	2 11	7 30			n.a.
M21	4 30	8 11	1 51	2 58	0 7	7 12	7 19	17 27	1 11	5 1	0 57	15 13	1 59	1 40	0 40	22 34	0 38	0 31	11 31	1 44	2 10	7 27			n.a.
T 22	4 7	2 30	0 48	1 57	0n 4	6 57	7 16	17 38	1 11	5 6	0 57	15 10	1 59	1 39	0 40	22 34	0 38	0 31	11 31	1 44	2 8	7 24			n.a.
W23	3 43	3s16	0s17	0 55	0 14	6 40	7 13	17 49	1 11	5 12	0 56	15 8	1 59	1 38	0 40	22 35	0 38	0 30	11 31	1 44	2 7	7 20			n.a.
T 24	3 20	8 57	1 22	0n 6	0 25	6 23	7 8	18 0	1 11	5 17	0 56	15 6	2 0	1 37	0 40	22 35	0 37	0 30	11 31	1 44	2 6	7 17			n.a.
F 25	2 57	14 23	2 24	1 7	0 36	6 3	7 3	18 11	1 12	5 22	0 56	15 3	2 0	1 36	0 40	22 35	0 37	0 29	11 31	1 44	2 4	7 14			n.a.
S 26	2 34	19 20	3 21	2 8	0 47	5 43	6 57	18 21	1 12	5 28	0 56	15 1	2 0	1 35	0 40	22 35	0 37	0 29	11 31	1 45	2 3	7 10			n.a.
S 27	2 10	23 34	4 9	3 7	0 58	5 22	6 50	18 32	1 12	5 33	0 56	14 59	2 0	1 34	0 40	22 35	0 37	0 28	11 32	1 45	2 2	7 7			n.a.
M28	1 47	26 47	4 46	4 5	1 8	5 0	6 43	18 42	1 12	5 38	0 56	14 56	2 0	1 33	0 40	22 35	0 37	0 28	11 32	1 45	2 1	7 3			n.a.
T 29	1 24	28 42	5 9	5 2	1 18	4 37	6 35	18 53	1 12	5 44	0 56	14 54	2 0	1 32	0 40	22 35	0 37	0 27	11 32	1 45	1 59	7 0			n.a.
W30	1 0	29 2	5 17	5 58	1 28	4 14	6 26	19 3	1 12	5 49	0 55	14 52	2 0	1 31	0 40	22 35	0 37	0 26	11 32	1 45	1 58	6 57			n.a.
T 31	0s37	27s37	5s 8	6n51	1n37	3n49	6n16	19n13	1n13	5n55	0s55	14s50	2s 0	1s30	0n40	22n35	0s37	0s26	11n32	1n45	1n57	6n53			n.a.

Julian Day Number = 1277703.5, Delta T = 08h11m07s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'34, Lahiri = -20°43'34 Julian Calendar 1 March 1215 BCE == Greg. Calendar 18 Feb. 1215 BCE

The year -1214 astronomical counting style corresponds to year 1215 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1215 BCE
geocentric

APRIL 1215 BCE (-1214) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 51 31	29♓26'08	2♒39	15♈15	24°R39	20♉39	17♈ 9	26♒28	5°R11	17♊ 8	28°R43	4°R20	4♈46	16♍39	n.a.	F 1
S 2	11 55 28	0♈23'55	17°11	17° 3	24♓ 2	21°15	17°23	26°35	5♎ 9	17° 9	28♎41	4♈20	4°43	16°46	n.a.	S 2
S 3	11 59 25	1°21'40	2♓ 3	18°48	23°27	21°51	17°36	26°42	5° 6	17° 9	28°40	4°19	4°40	16°52	n.a.	S 3
M 4	12 3 21	2°19'24	17° 8	20°30	22°52	22°27	17°50	26°48	5° 4	17°10	28°39	4°19	4°36	16°59	n.a.	M 4
T 5	12 7 18	3°17'07	2♈17	22° 9	22°19	23° 3	18° 4	26°55	5° 1	17°11	28°37	4°D19	4°33	17° 6	n.a.	T 5
W 6	12 11 14	4°14'48	17°21	23°44	21°48	23°40	18°17	27° 2	4°59	17°12	28°36	4°R19	4°30	17°12	n.a.	W 6
T 7	12 15 11	5°12'27	2♉11	25°16	21°18	24°16	18°31	27° 8	4°56	17°13	28°34	4°19	4°27	17°19	n.a.	T 7
F 8	12 19 7	6°10'05	16°41	26°44	20°51	24°52	18°45	27°15	4°53	17°14	28°33	4°19	4°24	17°26	n.a.	F 8
S 9	12 23 4	7° 7'42	0♊46	28° 9	20°25	25°28	18°59	27°21	4°51	17°15	28°31	4°19	4°20	17°32	n.a.	S 9
S 10	12 27 0	8° 5'17	14°25	29°30	20° 1	26° 5	19°13	27°28	4°48	17°16	28°30	4°18	4°17	17°39	n.a.	S 10
M11	12 30 57	9° 2'50	27°37	0♉47	19°40	26°41	19°26	27°34	4°46	17°17	28°28	4°18	4°14	17°45	n.a.	M11
T 12	12 34 54	10° 0'22	10♋25	2° 1	19°21	27°17	19°40	27°41	4°43	17°18	28°27	4°D18	4°11	17°52	n.a.	T 12
W13	12 38 50	10°57'52	22°53	3°11	19° 4	27°53	19°54	27°47	4°41	17°19	28°25	4°18	4° 8	17°59	n.a.	W13
T 14	12 42 47	11°55'20	5♌ 5	4°17	18°49	28°30	20° 8	27°53	4°38	17°20	28°24	4°19	4° 5	18° 5	n.a.	T 14
F 15	12 46 43	12°52'47	17° 5	5°19	18°37	29° 6	20°22	27°59	4°36	17°21	28°22	4°19	4° 1	18°12	n.a.	F 15
S 16	12 50 40	13°50'13	28°57	6°17	18°27	29°42	20°36	28° 6	4°33	17°22	28°21	4°20	3°58	18°19	n.a.	S 16
S 17	12 54 36	14°47'37	10♍45	7°11	18°20	0♊19	20°49	28°12	4°31	17°24	28°19	4°21	3°55	18°25	n.a.	S 17
M18	12 58 33	15°45'00	22°33	8° 1	18°15	0°55	21° 3	28°18	4°28	17°25	28°18	4°22	3°52	18°32	n.a.	M18
T 19	13 2 29	16°42'21	4♎23	8°47	18°13	1°32	21°17	28°24	4°26	17°26	28°16	4°R22	3°49	18°39	n.a.	T 19
W20	13 6 26	17°39'42	16°19	9°28	18°D13	2° 8	21°31	28°30	4°24	17°27	28°15	4°22	3°46	18°45	n.a.	W20
T 21	13 10 23	18°37'01	28°21	10° 5	18°15	2°45	21°45	28°35	4°21	17°29	28°13	4°21	3°42	18°52	n.a.	T 21
F 22	13 14 19	19°34'20	10♏33	10°38	18°19	3°21	21°59	28°41	4°19	17°30	28°11	4°19	3°39	18°59	n.a.	F 22
S 23	13 18 16	20°31'37	22°55	11° 6	18°26	3°58	22°13	28°47	4°16	17°31	28°10	4°17	3°36	19° 5	n.a.	S 23
S 24	13 22 12	21°28'54	5♐29	11°30	18°35	4°34	22°27	28°53	4°14	17°33	28° 8	4°14	3°33	19°12	n.a.	S 24
M25	13 26 9	22°26'10	18°18	11°49	18°46	5°11	22°40	28°58	4°12	17°34	28° 7	4°12	3°30	19°19	n.a.	M25
T 26	13 30 5	23°23'26	1♑22	12° 4	18°59	5°47	22°54	29° 4	4° 9	17°36	28° 5	4°10	3°26	19°25	n.a.	T 26
W27	13 34 2	24°20'41	14°43	12°14	19°14	6°24	23° 8	29° 9	4° 7	17°37	28° 3	4° 9	3°23	19°32	n.a.	W27
T 28	13 37 58	25°17'55	28°23	12°19	19°31	7° 0	23°22	29°15	4° 5	17°39	28° 2	4°D 9	3°20	19°39	n.a.	T 28
F 29	13 41 55	26°15'09	12♒22	12°R20	19°50	7°37	23°36	29°20	4° 2	17°40	28° 0	4° 9	3°17	19°45	n.a.	F 29
S 30	13 45 52	27♈12'22	26♒39	12♉16	20♓11	8♊14	23♈50	29♒25	4♎ 0	17♊42	27♎58	4♈11	3♈14	19♍52	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s14	24s26	4s40	7n43	1n46	3n25	6n 6	19n23	1n13	6n 0	0s55	14s47	2s 1	1s29	0n40	22n35	0s37	0s25	11n32	1n45	1n55	6n50		n.a.
S 2	0n10	19 38	3 53	8 33	1 54	3 0	5 55	19 33	1 13	6 5	0 55	14 45	2 1	1 28	0 40	22 35	0 37	0 25	11 32	1 45	1 54	6 46		n.a.
S 3	0 33	13 33	2 50	9 21	2 1	2 36	5 43	19 43	1 13	6 11	0 55	14 43	2 1	1 27	0 40	22 36	0 37	0 24	11 32	1 45	1 53	6 43		n.a.
M 4	0 56	6 36	1 34	10 7	2 8	2 11	5 31	19 52	1 13	6 16	0 55	14 41	2 1	1 26	0 40	22 36	0 37	0 24	11 32	1 45	1 52	6 39		n.a.
T 5	1 20	0n45	0 11	10 50	2 15	1 47	5 19	20 2	1 13	6 22	0 55	14 38	2 1	1 25	0 40	22 36	0 37	0 23	11 33	1 45	1 50	6 36		n.a.
W 6	1 43	8 2	1n12	11 32	2 20	1 22	5 6	20 11	1 14	6 27	0 55	14 36	2 1	1 24	0 40	22 36	0 37	0 22	11 33	1 45	1 49	6 33		n.a.
T 7	2 6	14 45	2 29	12 11	2 25	0 58	4 53	20 21	1 14	6 32	0 54	14 34	2 2	1 23	0 40	22 36	0 37	0 22	11 33	1 45	1 48	6 29		n.a.
F 8	2 29	20 31	3 34	12 47	2 29	0 35	4 40	20 30	1 14	6 38	0 54	14 32	2 2	1 22	0 40	22 36	0 37	0 21	11 33	1 45	1 46	6 26		n.a.
S 9	2 53	24 58	4 25	13 21	2 32	0 13	4 26	20 39	1 14	6 43	0 54	14 30	2 2	1 21	0 40	22 36	0 37	0 21	11 33	1 44	1 45	6 22		n.a.
S 10	3 16	27 51	4 59	13 53	2 35	0s 9	4 12	20 48	1 14	6 49	0 54	14 28	2 2	1 20	0 40	22 36	0 37	0 20	11 33	1 44	1 44	6 19		n.a.
M11	3 39	29 4	5 15	14 22	2 36	0 31	3 59	20 56	1 14	6 54	0 54	14 26	2 2	1 19	0 40	22 37	0 37	0 20	11 33	1 44	1 43	6 16		n.a.
T 12	4 2	28 40	5 16	14 49	2 37	0 51	3 45	21 5	1 14	6 59	0 54	14 24	2 2	1 18	0 40	22 37	0 37	0 19	11 33	1 44	1 41	6 12		n.a.
W13	4 25	26 48	5 1	15 14	2 37	1 10	3 31	21 14	1 14	7 5	0 54	14 21	2 3	1 17	0 40	22 37	0 37	0 19	11 33	1 44	1 40	6 9		n.a.
T 14	4 47	23 43	4 33	15 36	2 36	1 29	3 17	21 22	1 14	7 10	0 54	14 19	2 3	1 16	0 40	22 37	0 37	0 18	11 33	1 44	1 39	6 5		n.a.
F 15	5 10	19 40	3 53	15 56	2 34	1 46	3 3	21 30	1 15	7 15	0 54	14 17	2 3	1 15	0 40	22 37	0 37	0 17	11 33	1 45	1 38	6 2		n.a.
S 16	5 33	14 54	3 4	16 13	2 31	2 2	2 50	21 38	1 15	7 21	0 54	14 15	2 3	1 14	0 40	22 37	0 37	0 17	11 33	1 45	1 36	5 58		n.a.
S 17	5 55	9 37	2 7	16 27	2 28	2 18	2 36	21 46	1 15	7 26	0 53	14 13	2 3	1 13	0 40	22 37	0 37	0 16	11 33	1 45	1 35	5 55		n.a.
M18	6 18	4 0	1 5	16 40	2 23	2 32	2 23	21 54	1 15	7 32	0 53	14 11	2 4	1 12	0 40	22 38	0 37	0 16	11 33	1 46	1 34	5 52		n.a.
T 19	6 40	1s47	0s 0	16 50	2 17	2 45	2 10	22 2	1 15	7 37	0 53	14 10	2 4	1 11	0 40	22 38	0 37	0 15	11 33	1 46	1 32	5 48		n.a.
W20	7 3	7 32	1 6	16 57	2 11	2 57	1 57	22 10	1 15	7 42	0 53	14 8	2 4	1 10	0 40	22 38	0 37	0 15	11 33	1 46	1 31	5 45		n.a.
T 21	7 25	13 4	2 9	17 2	2 4	3 7	1 45	22 17	1 15	7 48	0 53	14 6	2 4	1 9	0 40	22 38	0 37	0 14	11 33	1 45	1 30	5 41		n.a.
F 22	7 47	18 11	3 7	17 5	1 55	3 17	1 32	22 24	1 15	7 53	0 53	14 4	2 4	1 8	0 40	22 38	0 37	0 14	11 33	1 45	1 29	5 38		n.a.
S 23	8 9	22 38	3 57	17 5	1 46	3 25	1 20	22 32	1 15	7 58	0 53	14 2	2 5	1 7	0 40	22 38	0 37	0 13	11 33	1 44	1 27	5 34		n.a.
S 24	8 31	26 7	4 37	17 3	1 36	3 32	1 9	22 39	1 15	8 4	0 53	14 0	2 5	1 6	0 40	22 38	0 37	0 13	11 33	1 43	1 26	5 31		n.a.
M25	8 52	28 21	5 3	16 59	1 25	3 39	0 57	22 45	1 15	8 9	0 53	13 58	2 5	1 5	0 40	22 39	0 36	0 12	11 33	1 42	1 25	5 28		n.a.
T 26	9 14	29 5	5 15	16 52	1 13	3 44	0 46	22 52	1 15	8 14	0 53	13 57	2 5	1 4	0 40	22 39	0 36	0 11	11 33	1 41	1 23	5 24		n.a.
W27	9 35	28 9	5 10	16 43	1 0	3 47	0 35	22 59	1 15	8 20	0 53	13 55	2 5	1 3	0 40	22 39	0 36	0 11	11 33	1 41	1 22	5 21		n.a.
T 28	9 57	25 31	4 48	16 32	0 47	3 50	0 25	23 5	1 15	8 25	0 53	13 53	2 6	1 3	0 40	22 39	0 36	0 10	11 33	1 41	1 21	5 17		n.a.
F 29	10 18	21 20	4 8	16 19	0 33	3 52	0 14	23 11	1 16	8 30	0 52	13 51	2 6	1 2	0 40	22 39	0 36	0 10	11 33	1 41	1 20	5 14		n.a.
S 30	10n39	15s51	3s12	16n 4	0n18	3s53	0n 4	23n17	1n16	8n35	0s52	13s50	2s 6	1s 1	0n40	22n39	0s36	0s 9	11n33	1n41	1n18	5n10		n.a.

Julian Day Number = 1277734.5, Delta T = 08h11m05s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'30, Lahiri = -20°43'30 Julian Calendar 1 Apr. 1215 BCE == Greg. Calendar 21 March 1215 BCE

The year -1214 astronomical counting style corresponds to year 1215 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1215 BCE
geocentric

MAY 1215 BCE (-1214) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 49 48	28♈ 9'35	11♓12	12°R 8	20♓34	8♊50	24♈ 4	29♒30	3°R58	17♊43	27°R57	4♈12	3♈11	19♍58	n.a.	S 1
M 2	13 53 45	29° 6'47	25°58	11♉56	20°58	9°27	24°18	29°36	3♎56	17°45	27♎55	4°13	3° 7	20° 5	n.a.	M 2
T 3	13 57 41	0♉ 3'59	10♈50	11°40	21°24	10° 4	24°31	29°41	3°54	17°46	27°54	4°R13	3° 4	20°12	n.a.	T 3
W 4	14 1 38	1° 1'10	25°42	11°20	21°51	10°41	24°45	29°46	3°51	17°48	27°52	4°12	3° 1	20°18	n.a.	W 4
T 5	14 5 34	1°58'21	10♉26	10°56	22°20	11°17	24°59	29°51	3°49	17°50	27°50	4° 9	2°58	20°25	n.a.	T 5
F 6	14 9 31	2°55'31	24°54	10°30	22°51	11°54	25°13	29°55	3°47	17°51	27°49	4° 6	2°55	20°32	n.a.	F 6
S 7	14 13 27	3°52'41	9♊ 2	10° 1	23°22	12°31	25°27	0♓ 0	3°45	17°53	27°47	4° 1	2°52	20°38	n.a.	S 7
S 8	14 17 24	4°49'50	22°44	9°30	23°55	13° 8	25°41	0° 5	3°43	17°55	27°45	3°57	2°48	20°45	n.a.	S 8
M 9	14 21 21	5°46'58	6♋ 1	8°58	24°30	13°45	25°54	0° 9	3°41	17°56	27°44	3°53	2°45	20°52	n.a.	M 9
T 10	14 25 17	6°44'05	18°52	8°24	25° 5	14°21	26° 8	0°14	3°39	17°58	27°42	3°51	2°42	20°58	n.a.	T 10
W11	14 29 14	7°41'12	1♌22	7°50	25°42	14°58	26°22	0°18	3°37	18° 0	27°41	3°49	2°39	21° 5	n.a.	W11
T 12	14 33 10	8°38'18	13°35	7°16	26°20	15°35	26°36	0°23	3°35	18° 2	27°39	3°D49	2°36	21°12	n.a.	T 12
F 13	14 37 7	9°35'24	25°34	6°42	26°59	16°12	26°49	0°27	3°33	18° 4	27°38	3°50	2°32	21°18	n.a.	F 13
S 14	14 41 3	10°32'28	7♍25	6°10	27°39	16°49	27° 3	0°31	3°31	18° 5	27°36	3°52	2°29	21°25	n.a.	S 14
S 15	14 45 0	11°29'33	19°13	5°40	28°21	17°26	27°17	0°35	3°30	18° 7	27°34	3°53	2°26	21°32	n.a.	S 15
M16	14 48 57	12°26'36	1♎ 2	5°12	29° 3	18° 3	27°30	0°39	3°28	18° 9	27°33	3°R54	2°23	21°38	n.a.	M16
T 17	14 52 53	13°23'40	12°56	4°46	29°46	18°40	27°44	0°43	3°26	18°11	27°31	3°54	2°20	21°45	n.a.	T 17
W18	14 56 50	14°20'43	24°59	4°24	0♈30	19°17	27°57	0°47	3°24	18°13	27°30	3°52	2°17	21°51	n.a.	W18
T 19	15 0 46	15°17'46	7♏13	4° 6	1°15	19°54	28°11	0°51	3°23	18°15	27°28	3°48	2°13	21°58	n.a.	T 19
F 20	15 4 43	16°14'49	19°40	3°51	2° 1	20°31	28°25	0°55	3°21	18°17	27°27	3°42	2°10	22° 5	n.a.	F 20
S 21	15 8 39	17°11'52	2♐20	3°41	2°47	21° 8	28°38	0°58	3°20	18°19	27°25	3°35	2° 7	22°11	n.a.	S 21
S 22	15 12 36	18° 8'55	15°13	3°36	3°35	21°45	28°51	1° 2	3°18	18°21	27°24	3°28	2° 4	22°18	n.a.	S 22
M23	15 16 32	19° 5'58	28°20	3°D35	4°23	22°22	29° 5	1° 5	3°16	18°23	27°22	3°20	2° 1	22°25	n.a.	M23
T 24	15 20 29	20° 3'01	11♑40	3°38	5°12	23° 0	29°18	1° 9	3°15	18°25	27°21	3°14	1°58	22°31	n.a.	T 24
W25	15 24 26	21° 0'05	25°13	3°47	6° 1	23°37	29°32	1°12	3°14	18°27	27°19	3° 9	1°54	22°38	n.a.	W25
T 26	15 28 22	21°57'09	8♒57	4° 1	6°52	24°14	29°45	1°15	3°12	18°29	27°18	3° 7	1°51	22°45	n.a.	T 26
F 27	15 32 19	22°54'13	22°53	4°19	7°43	24°51	29°58	1°18	3°11	18°31	27°16	3°D 6	1°48	22°51	n.a.	F 27
S 28	15 36 15	23°51'18	6♓59	4°43	8°34	25°28	0♉12	1°21	3°10	18°33	27°15	3° 7	1°45	22°58	n.a.	S 28
S 29	15 40 12	24°48'23	21°16	5°12	9°27	26° 6	0°25	1°24	3° 8	18°35	27°14	3° 7	1°42	23° 5	n.a.	S 29
M30	15 44 8	25°45'29	5♈40	5°45	10°19	26°43	0°38	1°27	3° 7	18°37	27°12	3°R 8	1°38	23°11	n.a.	M30
T 31	15 48 5	26♉42'35	20♈ 9	6♉24	11♈13	27♊20	0♉51	1♓29	3♎ 6	18♊39	27♎11	3♈ 7	1♈35	23♍18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11n 0	9s23	2s 3	15n46	0n 2	3s53	0s 5	23n23	1n16	8n41	0s52	13s48	2s 6	1s 0	0n40	22n40	0s36	0s 9	11n32	1n42	1n17	5n 7			n.a.
M 2	11 20	2 19	0 45	15 27	0s14	3 52	0 15	23 29	1 16	8 46	0 52	13 46	2 7	0 59	0 40	22 40	0 36	0 9	11 32	1 42	1 16	5 3			n.a.
T 3	11 41	4n55	0n36	15 7	0 30	3 50	0 24	23 35	1 16	8 51	0 52	13 45	2 7	0 58	0 40	22 40	0 36	0 8	11 32	1 42	1 14	5 0			n.a.
W 4	12 1	11 53	1 55	14 45	0 47	3 47	0 32	23 40	1 16	8 56	0 52	13 43	2 7	0 57	0 40	22 40	0 36	0 8	11 32	1 42	1 13	4 57			n.a.
T 5	12 22	18 8	3 6	14 21	1 3	3 43	0 41	23 46	1 16	9 2	0 52	13 42	2 7	0 56	0 39	22 40	0 36	0 7	11 32	1 41	1 12	4 53			n.a.
F 6	12 41	23 14	4 3	13 57	1 20	3 38	0 49	23 51	1 16	9 7	0 52	13 40	2 7	0 56	0 39	22 41	0 36	0 7	11 32	1 39	1 11	4 50			n.a.
S 7	13 1	26 51	4 44	13 32	1 37	3 32	0 56	23 56	1 16	9 12	0 52	13 39	2 8	0 55	0 39	22 41	0 36	0 6	11 32	1 38	1 9	4 46			n.a.
S 8	13 21	28 45	5 7	13 7	1 53	3 26	1 4	24 1	1 16	9 17	0 52	13 37	2 8	0 54	0 39	22 41	0 36	0 6	11 32	1 36	1 8	4 43			n.a.
M 9	13 40	28 54	5 13	12 41	2 9	3 19	1 11	24 5	1 16	9 22	0 52	13 36	2 8	0 53	0 39	22 41	0 36	0 5	11 31	1 34	1 7	4 39			n.a.
T 10	13 59	27 28	5 2	12 16	2 25	3 11	1 18	24 10	1 16	9 27	0 52	13 34	2 8	0 52	0 39	22 41	0 36	0 5	11 31	1 33	1 5	4 36			n.a.
W11	14 18	24 42	4 38	11 51	2 40	3 2	1 25	24 14	1 16	9 32	0 52	13 33	2 9	0 52	0 39	22 41	0 36	0 5	11 31	1 33	1 4	4 32			n.a.
T 12	14 37	20 52	4 1	11 26	2 53	2 52	1 31	24 18	1 16	9 37	0 52	13 32	2 9	0 51	0 39	22 42	0 36	0 4	11 31	1 33	1 3	4 29			n.a.
F 13	14 56	16 15	3 14	11 3	3 6	2 42	1 37	24 22	1 16	9 43	0 52	13 30	2 9	0 50	0 39	22 42	0 36	0 4	11 31	1 33	1 2	4 25			n.a.
S 14	15 14	11 5	2 19	10 41	3 18	2 31	1 43	24 26	1 16	9 48	0 52	13 29	2 9	0 50	0 39	22 42	0 36	0 3	11 31	1 34	1 0	4 22			n.a.
S 15	15 32	5 33	1 19	10 21	3 29	2 20	1 49	24 30	1 16	9 53	0 51	13 28	2 10	0 49	0 39	22 42	0 36	0 3	11 30	1 34	0 59	4 19			n.a.
M16	15 50	0s11	0 16	10 3	3 38	2 8	1 54	24 33	1 16	9 58	0 51	13 27	2 10	0 48	0 39	22 42	0 36	0 3	11 30	1 35	0 58	4 15			n.a.
T 17	16 7	5 57	0s49	9 47	3 46	1 55	2 0	24 37	1 16	10 3	0 51	13 26	2 10	0 47	0 39	22 43	0 36	0 2	11 30	1 34	0 56	4 12			n.a.
W18	16 25	11 34	1 52	9 33	3 53	1 42	2 4	24 40	1 16	10 8	0 51	13 24	2 10	0 47	0 39	22 43	0 36	0 2	11 30	1 34	0 55	4 8			n.a.
T 19	16 42	16 50	2 51	9 22	3 58	1 28	2 9	24 43	1 16	10 13	0 51	13 23	2 11	0 46	0 39	22 43	0 36	0 2	11 30	1 32	0 54	4 5			n.a.
F 20	16 59	21 30	3 42	9 13	4 2	1 13	2 14	24 45	1 16	10 17	0 51	13 22	2 11	0 46	0 39	22 43	0 36	0 1	11 29	1 30	0 53	4 1			n.a.
S 21	17 15	25 17	4 24	9 7	4 5	0 58	2 18	24 48	1 16	10 22	0 51	13 21	2 11	0 45	0 39	22 43	0 36	0 1	11 29	1 27	0 51	3 58			n.a.
S 22	17 31	27 51	4 53	9 4	4 6	0 43	2 22	24 50	1 16	10 27	0 51	13 20	2 12	0 44	0 39	22 44	0 36	0 1	11 29	1 24	0 50	3 54			n.a.
M23	17 47	28 57	5 7	9 4	4 6	0 27	2 26	24 53	1 16	10 32	0 51	13 19	2 12	0 44	0 39	22 44	0 36	0 0	11 29	1 21	0 49	3 51			n.a.
T 24	18 3	28 23	5 5	9 6	4 5	0 11	2 29	24 55	1 16	10 37	0 51	13 18	2 12	0 43	0 39	22 44	0 36	0n 0	11 29	1 18	0 47	3 47			n.a.
W25	18 18	26 8	4 46	9 11	4 3	0n 6	2 32	24 57	1 16	10 42	0 51	13 17	2 12	0 43	0 39	22 44	0 36	0 0	11 28	1 17	0 46	3 44			n.a.
T 26	18 34	22 20	4 10	9 19	3 59	0 24	2 36	24 58	1 16	10 47	0 51	13 16	2 13	0 42	0 39	22 44	0 36	0 1	11 28	1 15	0 45	3 40			n.a.
F 27	18 48	17 15	3 19	9 30	3 55	0 41	2 38	25 0	1 16	10 51	0 51	13 15	2 13	0 42	0 39	22 45	0 36	0 1	11 28	1 15	0 44	3 37			n.a.
S 28	19 3	11 12	2 16	9 43	3 49	0 59	2 41	25 1	1 16	10 56	0 51	13 15	2 13	0 41	0 39	22 45	0 36	0 1	11 28	1 15	0 42	3 33			n.a.
S 29	19 17	4 29	1 4	9 58	3 43	1 18	2 44	25 2	1 16	11 1	0 51	13 14	2 13	0 41	0 39	22 45	0 36	0 1	11 27	1 16	0 41	3 30			n.a.
M30	19 31	2n30	0n14	10 17	3 36	1 37	2 46	25 3	1 15	11 6	0 51	13 13	2 14	0 40	0 39	22 45	0 36	0 2	11 27	1 16	0 40	3 27			n.a.
T 31	19n45	9n24	1n30	10n37	3s28	1n56	2s48	25n 4	1n15	11n10	0s51	13s12	2s14	0s40	0n39	22n45	0s36	0n 2	11n27	1n15	0n39	3n23			n.a.

Julian Day Number = 1277764.5, Delta T = 08h11m04s
Ecliptic obliquity = 23°50'30, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'26, Lahiri = -20°43'26 Julian Calendar 1 May 1215 BCE == Greg. Calendar 20 Apr. 1215 BCE

The year -1214 astronomical counting style corresponds to year 1215 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1215 BCE
geocentric

JUNE 1215 BCE (-1214) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 52 2	27♉39'42	4♉39	7♉ 7	12♈ 7	27♊58	1♉ 4	1♓32	3°R 5	18♊41	27°R10	3°R 3	1♈32	23♍25	n.a.	W 1
T 2	15 55 58	28°36'50	19° 4	7°56	13° 1	28°35	1°17	1°34	3♎ 4	18°43	27♎ 8	2♈58	1°29	23°31	n.a.	T 2
F 3	15 59 55	29°33'57	3♊17	8°49	13°56	29°12	1°30	1°37	3° 3	18°45	27° 7	2°50	1°26	23°38	n.a.	F 3
S 4	16 3 51	0♊31'06	17°15	9°46	14°52	29°50	1°43	1°39	3° 2	18°48	27° 6	2°41	1°23	23°45	n.a.	S 4
S 5	16 7 48	1°28'14	0♋52	10°49	15°47	0♋27	1°56	1°41	3° 1	18°50	27° 4	2°31	1°19	23°51	n.a.	S 5
M 6	16 11 44	2°25'23	14° 6	11°56	16°44	1° 5	2° 9	1°43	3° 0	18°52	27° 3	2°23	1°16	23°58	n.a.	M 6
T 7	16 15 41	3°22'33	26°57	13° 8	17°41	1°42	2°22	1°45	2°59	18°54	27° 2	2°15	1°13	24° 4	n.a.	T 7
W 8	16 19 37	4°19'42	9♌27	14°24	18°38	2°20	2°35	1°47	2°58	18°56	27° 1	2°10	1°10	24°11	n.a.	W 8
T 9	16 23 34	5°16'52	21°40	15°44	19°36	2°57	2°47	1°49	2°58	18°58	27° 0	2° 7	1° 7	24°18	n.a.	T 9
F 10	16 27 31	6°14'02	3♍39	17° 9	20°34	3°35	3° 0	1°51	2°57	19° 0	26°58	2°D 6	1° 4	24°24	n.a.	F 10
S 11	16 31 27	7°11'13	15°31	18°38	21°32	4°12	3°12	1°52	2°56	19° 3	26°57	2° 7	1° 0	24°31	n.a.	S 11
S 12	16 35 24	8° 8'24	27°19	20°11	22°31	4°50	3°25	1°54	2°56	19° 5	26°56	2°R 7	0°57	24°38	n.a.	S 12
M13	16 39 20	9° 5'35	9♎10	21°48	23°30	5°27	3°37	1°55	2°55	19° 7	26°55	2° 7	0°54	24°44	n.a.	M13
T 14	16 43 17	10° 2'47	21° 8	23°29	24°30	6° 5	3°50	1°57	2°55	19° 9	26°54	2° 5	0°51	24°51	n.a.	T 14
W15	16 47 13	10°59'59	3♏18	25°13	25°30	6°43	4° 2	1°58	2°54	19°11	26°53	2° 1	0°48	24°58	n.a.	W15
T 16	16 51 10	11°57'13	15°43	27° 1	26°30	7°20	4°15	1°59	2°54	19°14	26°52	1°55	0°44	25° 4	n.a.	T 16
F 17	16 55 7	12°54'27	28°24	28°51	27°31	7°58	4°27	2° 0	2°54	19°16	26°51	1°46	0°41	25°11	n.a.	F 17
S 18	16 59 3	13°51'41	11♐24	0♊45	28°32	8°36	4°39	2° 1	2°53	19°18	26°50	1°35	0°38	25°18	n.a.	S 18
S 19	17 3 0	14°48'57	24°39	2°41	29°33	9°14	4°51	2° 2	2°53	19°20	26°49	1°24	0°35	25°24	n.a.	S 19
M20	17 6 56	15°46'14	8♑10	4°40	0♉34	9°51	5° 3	2° 2	2°53	19°23	26°48	1°13	0°32	25°31	n.a.	M20
T 21	17 10 53	16°43'32	21°53	6°40	1°36	10°29	5°15	2° 3	2°53	19°25	26°47	1° 3	0°29	25°38	n.a.	T 21
W22	17 14 49	17°40'51	5♒46	8°42	2°38	11° 7	5°27	2° 3	2°53	19°27	26°46	0°55	0°25	25°44	n.a.	W22
T 23	17 18 46	18°38'11	19°44	10°45	3°41	11°45	5°39	2° 4	2°D53	19°29	26°45	0°50	0°22	25°51	n.a.	T 23
F 24	17 22 42	19°35'32	3♓48	12°50	4°43	12°23	5°51	2° 4	2°53	19°31	26°45	0°47	0°19	25°57	n.a.	F 24
S 25	17 26 39	20°32'55	17°53	14°54	5°46	13° 1	6° 2	2° 4	2°53	19°34	26°44	0°D47	0°16	26° 4	n.a.	S 25
S 26	17 30 36	21°30'19	2♈ 1	16°59	6°50	13°39	6°14	2°R 4	2°53	19°36	26°43	0°R47	0°13	26°11	n.a.	S 26
M27	17 34 32	22°27'45	16°10	19° 5	7°53	14°17	6°25	2° 4	2°53	19°38	26°42	0°46	0° 9	26°17	n.a.	M27
T 28	17 38 29	23°25'12	0♉18	21° 9	8°57	14°55	6°37	2° 4	2°53	19°40	26°42	0°44	0° 6	26°24	n.a.	T 28
W29	17 42 25	24°22'40	14°23	23°14	10° 1	15°33	6°48	2° 3	2°54	19°43	26°41	0°39	0° 3	26°31	n.a.	W29
T 30	17 46 22	25♊20'10	28♉22	25♊18	11♉ 5	16♋11	6♉59	2♓ 3	2♎54	19♊45	26♎40	0♈31	29♓59	26♍37	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n58	15n48	2n41	11n 0	3s19	2n15	2s50	25n 5	1n15	11n15	0s51	13s12	2s14	0s39	0n39	22n46	0s36	0n 2	11n26	1n14	0n37	3n20		n.a.
T 2	20 11	21 18	3 41	11 24	3 9	2 35	2 52	25 5	1 15	11 19	0 51	13 11	2 15	0 39	0 39	22 46	0 36	0 2	11 26	1 12	0 36	3 16		n.a.
F 3	20 24	25 30	4 26	11 51	2 59	2 55	2 54	25 6	1 15	11 24	0 51	13 10	2 15	0 39	0 39	22 46	0 36	0 2	11 26	1 9	0 35	3 13		n.a.
S 4	20 36	28 6	4 54	12 19	2 49	3 16	2 55	25 6	1 15	11 29	0 51	13 10	2 15	0 38	0 39	22 46	0 36	0 3	11 25	1 5	0 33	3 9		n.a.
S 5	20 48	28 55	5 5	12 50	2 37	3 36	2 57	25 6	1 15	11 33	0 51	13 9	2 15	0 38	0 39	22 46	0 36	0 3	11 25	1 1	0 32	3 6		n.a.
M 6	21 0	28 2	4 59	13 22	2 26	3 57	2 58	25 5	1 15	11 38	0 51	13 9	2 16	0 38	0 38	22 47	0 36	0 3	11 25	0 58	0 31	3 2		n.a.
T 7	21 11	25 39	4 37	13 55	2 14	4 18	2 59	25 5	1 15	11 42	0 51	13 8	2 16	0 37	0 38	22 47	0 35	0 3	11 25	0 55	0 30	2 59		n.a.
W 8	21 22	22 5	4 3	14 30	2 2	4 39	3 0	25 4	1 15	11 47	0 51	13 8	2 16	0 37	0 38	22 47	0 35	0 3	11 24	0 53	0 28	2 55		n.a.
T 9	21 32	17 39	3 19	15 5	1 49	5 1	3 0	25 3	1 15	11 51	0 51	13 8	2 17	0 37	0 38	22 47	0 35	0 3	11 24	0 51	0 27	2 52		n.a.
F 10	21 43	12 36	2 26	15 42	1 36	5 23	3 1	25 2	1 15	11 55	0 51	13 7	2 17	0 36	0 38	22 47	0 35	0 3	11 24	0 51	0 26	2 48		n.a.
S 11	21 52	7 9	1 28	16 19	1 24	5 44	3 1	25 1	1 15	12 0	0 51	13 7	2 17	0 36	0 38	22 48	0 35	0 3	11 23	0 51	0 24	2 45		n.a.
S 12	22 2	1 28	0 26	16 57	1 11	6 6	3 1	25 0	1 15	12 4	0 51	13 7	2 17	0 36	0 38	22 48	0 35	0 3	11 23	0 51	0 23	2 41		n.a.
M13	22 11	4s16	0s38	17 36	0 58	6 28	3 2	24 58	1 15	12 9	0 51	13 6	2 18	0 36	0 38	22 48	0 35	0 3	11 23	0 51	0 22	2 38		n.a.
T 14	22 20	9 55	1 40	18 14	0 45	6 50	3 2	24 56	1 14	12 13	0 51	13 6	2 18	0 36	0 38	22 48	0 35	0 4	11 22	0 51	0 21	2 34		n.a.
W15	22 28	15 17	2 38	18 52	0 32	7 13	3 1	24 54	1 14	12 17	0 51	13 6	2 18	0 36	0 38	22 48	0 35	0 4	11 22	0 49	0 19	2 31		n.a.
T 16	22 36	20 10	3 30	19 30	0 20	7 35	3 1	24 52	1 14	12 21	0 51	13 6	2 19	0 35	0 38	22 49	0 35	0 4	11 21	0 46	0 18	2 27		n.a.
F 17	22 44	24 14	4 13	20 7	0 8	7 57	3 1	24 50	1 14	12 25	0 51	13 6	2 19	0 35	0 38	22 49	0 35	0 4	11 21	0 43	0 17	2 24		n.a.
S 18	22 51	27 12	4 43	20 43	0n 4	8 20	3 0	24 47	1 14	12 30	0 51	13 6	2 19	0 35	0 38	22 49	0 35	0 4	11 21	0 39	0 15	2 20		n.a.
S 19	22 58	28 43	4 59	21 18	0 16	8 42	2 59	24 45	1 14	12 34	0 51	13 6	2 20	0 35	0 38	22 49	0 35	0 4	11 20	0 34	0 14	2 17		n.a.
M20	23 4	28 34	4 59	21 52	0 27	9 5	2 59	24 42	1 14	12 38	0 51	13 6	2 20	0 35	0 38	22 49	0 35	0 4	11 20	0 29	0 13	2 13		n.a.
T 21	23 10	26 40	4 42	22 24	0 37	9 27	2 58	24 39	1 14	12 42	0 51	13 6	2 20	0 35	0 38	22 49	0 35	0 4	11 20	0 25	0 12	2 10		n.a.
W22	23 16	23 9	4 8	22 53	0 47	9 50	2 57	24 35	1 14	12 46	0 51	13 6	2 20	0 35	0 38	22 50	0 35	0 3	11 19	0 22	0 10	2 6		n.a.
T 23	23 21	18 17	3 19	23 21	0 56	10 12	2 55	24 32	1 14	12 50	0 51	13 6	2 21	0 35	0 38	22 50	0 35	0 3	11 19	0 20	0 9	2 3		n.a.
F 24	23 25	12 25	2 18	23 47	1 4	10 35	2 54	24 28	1 13	12 54	0 51	13 6	2 21	0 35	0 38	22 50	0 35	0 3	11 18	0 19	0 8	1 59		n.a.
S 25	23 30	5 54	1 8	24 10	1 12	10 57	2 53	24 24	1 13	12 58	0 51	13 6	2 21	0 35	0 38	22 50	0 35	0 3	11 18	0 19	0 6	1 56		n.a.
S 26	23 34	0n55	0n 7	24 30	1 19	11 20	2 51	24 20	1 13	13 2	0 51	13 7	2 22	0 35	0 38	22 50	0 35	0 3	11 18	0 19	0 5	1 53		n.a.
M27	23 37	7 42	1 20	24 48	1 25	11 42	2 50	24 16	1 13	13 5	0 51	13 7	2 22	0 35	0 38	22 51	0 35	0 3	11 17	0 19	0 4	1 49		n.a.
T 28	23 40	14 5	2 29	25 3	1 31	12 4	2 48	24 12	1 13	13 9	0 51	13 7	2 22	0 36	0 38	22 51	0 35	0 3	11 17	0 18	0 3	1 46		n.a.
W29	23 43	19 44	3 29	25 15	1 35	12 26	2 46	24 7	1 13	13 13	0 51	13 8	2 22	0 36	0 38	22 51	0 35	0 3	11 16	0 16	0 1	1 42		n.a.
T 30	23n45	24n16	4n15	25n25	1n39	12n48	2s45	24n 3	1n13	13n17	0s51	13s 8	2s23	0s36	0n38	22n51	0s35	0n 3	11n16	0n13	0s 0	1n39		n.a.

Julian Day Number = 1277795.5, Delta T = 08h11m02s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'22, Lahiri = -20°43'21 Julian Calendar 1 June 1215 BCE == Greg. Calendar 21 May 1215 BCE

The year -1214 astronomical counting style corresponds to year 1215 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1215 BCE
geocentric

JULY 1215 BCE (-1214) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 50 18	26♊17'42	12♊13	27♊20	12♉10	16♋49	7♉11	2°R 3	2♎54	19♊47	26°R40	0°R21	29♓57	26♍44	n.a.	F 1
S 2	17 54 15	27°15'15	25°51	29°22	13°14	17°27	7°22	2♓ 2	2°55	19°49	26♎39	0♈ 9	29°54	26°51	n.a.	S 2
S 3	17 58 12	28°12'49	9♋12	1♋23	14°19	18° 5	7°33	2° 1	2°55	19°51	26°39	29♓57	29°50	26°57	n.a.	S 3
M 4	18 2 8	29°10'25	22°16	3°23	15°24	18°43	7°44	2° 1	2°56	19°54	26°38	29°45	29°47	27° 4	n.a.	M 4
T 5	18 6 5	0♌ 8'02	5♌ 0	5°21	16°30	19°22	7°55	2° 0	2°56	19°56	26°38	29°35	29°44	27°11	n.a.	T 5
W 6	18 10 1	1° 5'40	17°26	7°19	17°35	20° 0	8° 5	1°59	2°57	19°58	26°37	29°27	29°41	27°17	n.a.	W 6
T 7	18 13 58	2° 3'19	29°36	9°14	18°41	20°38	8°16	1°58	2°58	20° 0	26°37	29°22	29°38	27°24	n.a.	T 7
F 8	18 17 54	3° 0'59	11♍34	11° 9	19°47	21°16	8°27	1°56	2°58	20° 2	26°36	29°19	29°35	27°31	n.a.	F 8
S 9	18 21 51	3°58'41	23°25	13° 2	20°53	21°55	8°37	1°55	2°59	20° 5	26°36	29°19	29°31	27°37	n.a.	S 9
S 10	18 25 47	4°56'24	5♎13	14°53	21°59	22°33	8°47	1°54	3° 0	20° 7	26°36	29°18	29°28	27°44	n.a.	S 10
M11	18 29 44	5°54'08	17° 4	16°43	23° 5	23°12	8°58	1°52	3° 1	20° 9	26°35	29°18	29°25	27°50	n.a.	M11
T 12	18 33 41	6°51'53	29° 4	18°32	24°12	23°50	9° 8	1°50	3° 2	20°11	26°35	29°17	29°22	27°57	n.a.	T 12
W13	18 37 37	7°49'40	11♏17	20°20	25°19	24°28	9°18	1°49	3° 3	20°13	26°35	29°13	29°19	28° 4	n.a.	W13
T 14	18 41 34	8°47'28	23°49	22° 6	26°26	25° 7	9°28	1°47	3° 4	20°15	26°35	29° 6	29°15	28°10	n.a.	T 14
F 15	18 45 30	9°45'18	6♐41	23°50	27°33	25°45	9°38	1°45	3° 5	20°18	26°34	28°58	29°12	28°17	n.a.	F 15
S 16	18 49 27	10°43'09	19°55	25°33	28°40	26°24	9°48	1°43	3° 6	20°20	26°34	28°47	29° 9	28°24	n.a.	S 16
S 17	18 53 23	11°41'02	3♑30	27°15	29°48	27° 2	9°57	1°41	3° 8	20°22	26°34	28°35	29° 6	28°30	n.a.	S 17
M18	18 57 20	12°38'57	17°24	28°56	0♊55	27°41	10° 7	1°39	3° 9	20°24	26°34	28°24	29° 3	28°37	n.a.	M18
T 19	19 1 16	13°36'53	1♒33	0♎35	2° 3	28°20	10°16	1°36	3°10	20°26	26°34	28°14	29° 0	28°44	n.a.	T 19
W20	19 5 13	14°34'51	15°50	2°13	3°11	28°58	10°26	1°34	3°12	20°28	26°D34	28° 6	28°56	28°50	n.a.	W20
T 21	19 9 10	15°32'51	0♓12	3°49	4°19	29°37	10°35	1°32	3°13	20°30	26°34	28° 1	28°53	28°57	n.a.	T 21
F 22	19 13 6	16°30'53	14°33	5°25	5°28	0♎16	10°44	1°29	3°14	20°32	26°34	27°58	28°50	29° 4	n.a.	F 22
S 23	19 17 3	17°28'57	28°50	6°59	6°36	0°55	10°53	1°26	3°16	20°34	26°34	27°D58	28°47	29°10	n.a.	S 23
S 24	19 20 59	18°27'03	13♈ 0	8°31	7°45	1°33	11° 2	1°24	3°18	20°36	26°34	27°R58	28°44	29°17	n.a.	S 24
M25	19 24 56	19°25'11	27° 3	10° 3	8°53	2°12	11°10	1°21	3°19	20°38	26°34	27°58	28°41	29°23	n.a.	M25
T 26	19 28 52	20°23'21	10♉58	11°33	10° 2	2°51	11°19	1°18	3°21	20°40	26°35	27°56	28°37	29°30	n.a.	T 26
W27	19 32 49	21°21'34	24°44	13° 1	11°11	3°30	11°27	1°15	3°22	20°42	26°35	27°52	28°34	29°37	n.a.	W27
T 28	19 36 45	22°19'49	8♊20	14°29	12°21	4° 9	11°36	1°12	3°24	20°44	26°35	27°46	28°31	29°43	n.a.	T 28
F 29	19 40 42	23°18'06	21°46	15°55	13°30	4°48	11°44	1° 9	3°26	20°46	26°35	27°37	28°28	29°50	n.a.	F 29
S 30	19 44 39	24°16'25	5♋ 0	17°20	14°39	5°27	11°52	1° 5	3°28	20°48	26°36	27°26	28°25	29°57	n.a.	S 30
S 31	19 48 35	25♋14'46	18♋ 1	18♌43	15♊49	6♌ 6	12♉ 0	1♓ 2	3♎30	20♊50	26♎36	27♓15	28♓21	0♎ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
F 1	23n47	27n21	4n46	25n31	1n43	13n10	2s43	23n58	1n12	13n20	0s51	13s 9	2s23	0s36	0n38	22n51	0s35	0n 2	11n15	0n 9	0s 1	1n35			n.a.
S 2	23 49	28 46	4 59	25 36	1 45	13 32	2 41	23 53	1 12	13 24	0 51	13 9	2 23	0 36	0 37	22 52	0 35	0 2	11 15	0 4	0 3	1 32			n.a.
S 3	23 50	28 27	4 56	25 37	1 47	13 53	2 38	23 47	1 12	13 28	0 51	13 10	2 24	0 37	0 37	22 52	0 35	0 2	11 15	0s 1	0 4	1 28			n.a.
M 4	23 50	26 32	4 38	25 36	1 48	14 14	2 36	23 42	1 12	13 31	0 51	13 10	2 24	0 37	0 37	22 52	0 35	0 2	11 14	0 6	0 5	1 25			n.a.
T 5	23 50	23 18	4 6	25 33	1 49	14 35	2 34	23 36	1 12	13 35	0 51	13 11	2 24	0 37	0 37	22 52	0 35	0 2	11 14	0 10	0 6	1 21			n.a.
W 6	23 50	19 4	3 22	25 27	1 49	14 56	2 32	23 30	1 12	13 38	0 51	13 11	2 25	0 37	0 37	22 52	0 35	0 1	11 13	0 13	0 8	1 18			n.a.
T 7	23 49	14 9	2 30	25 19	1 48	15 17	2 29	23 24	1 12	13 42	0 51	13 12	2 25	0 38	0 37	22 52	0 35	0 1	11 13	0 15	0 9	1 14			n.a.
F 8	23 48	8 46	1 33	25 8	1 47	15 37	2 27	23 18	1 11	13 45	0 51	13 13	2 25	0 38	0 37	22 53	0 35	0 1	11 12	0 16	0 10	1 11			n.a.
S 9	23 47	3 8	0 31	24 56	1 45	15 58	2 24	23 12	1 11	13 49	0 51	13 14	2 25	0 38	0 37	22 53	0 35	0 0	11 12	0 17	0 12	1 7			n.a.
S 10	23 45	2s35	0s31	24 42	1 43	16 18	2 22	23 5	1 11	13 52	0 51	13 14	2 26	0 39	0 37	22 53	0 35	0 0	11 12	0 17	0 13	1 4			n.a.
M11	23 42	8 14	1 33	24 26	1 40	16 37	2 19	22 59	1 11	13 55	0 51	13 15	2 26	0 39	0 37	22 53	0 35	0s 0	11 11	0 17	0 14	1 0			n.a.
T 12	23 40	13 40	2 31	24 8	1 37	16 57	2 16	22 52	1 11	13 59	0 51	13 16	2 26	0 40	0 37	22 53	0 35	0 0	11 11	0 18	0 15	0 57			n.a.
W13	23 36	18 41	3 23	23 49	1 33	17 16	2 13	22 45	1 11	14 2	0 51	13 17	2 26	0 40	0 37	22 53	0 35	0 1	11 10	0 19	0 17	0 53			n.a.
T 14	23 33	23 1	4 7	23 28	1 29	17 34	2 10	22 37	1 10	14 5	0 51	13 18	2 27	0 41	0 37	22 54	0 35	0 1	11 10	0 22	0 18	0 50			n.a.
F 15	23 29	26 22	4 39	23 6	1 25	17 53	2 7	22 30	1 10	14 8	0 51	13 19	2 27	0 41	0 37	22 54	0 35	0 1	11 9	0 25	0 19	0 46			n.a.
S 16	23 24	28 24	4 58	22 42	1 20	18 11	2 4	22 22	1 10	14 11	0 51	13 20	2 27	0 42	0 37	22 54	0 35	0 2	11 9	0 29	0 21	0 43			n.a.
S 17	23 19	28 48	5 0	22 17	1 15	18 28	2 1	22 15	1 10	14 14	0 51	13 21	2 28	0 42	0 37	22 54	0 35	0 2	11 8	0 34	0 22	0 39			n.a.
M18	23 14	27 24	4 45	21 51	1 10	18 46	1 58	22 7	1 10	14 17	0 51	13 22	2 28	0 43	0 37	22 54	0 35	0 3	11 8	0 39	0 23	0 36			n.a.
T 19	23 8	24 15	4 12	21 24	1 4	19 2	1 55	21 59	1 10	14 20	0 51	13 23	2 28	0 43	0 37	22 54	0 35	0 3	11 8	0 43	0 24	0 32			n.a.
W20	23 2	19 35	3 24	20 56	0 58	19 19	1 52	21 50	1 9	14 23	0 51	13 24	2 28	0 44	0 37	22 55	0 35	0 3	11 7	0 46	0 26	0 29			n.a.
T 21	22 55	13 47	2 22	20 27	0 52	19 35	1 49	21 42	1 9	14 26	0 51	13 25	2 29	0 44	0 37	22 55	0 35	0 4	11 7	0 48	0 27	0 25			n.a.
F 22	22 48	7 16	1 11	19 58	0 45	19 51	1 45	21 33	1 9	14 29	0 51	13 26	2 29	0 45	0 37	22 55	0 35	0 4	11 6	0 49	0 28	0 22			n.a.
S 23	22 41	0 24	0n 5	19 27	0 38	20 6	1 42	21 25	1 9	14 32	0 51	13 27	2 29	0 46	0 37	22 55	0 35	0 5	11 6	0 49	0 30	0 18			n.a.
S 24	22 33	6n26	1 19	18 56	0 31	20 21	1 39	21 16	1 9	14 35	0 51	13 29	2 29	0 46	0 37	22 55	0 35	0 5	11 5	0 49	0 31	0 15			n.a.
M25	22 25	12 53	2 28	18 25	0 24	20 35	1 35	21 7	1 8	14 37	0 51	13 30	2 30	0 47	0 37	22 55	0 35	0 6	11 5	0 49	0 32	0 11			n.a.
T 26	22 16	18 39	3 28	17 52	0 16	20 49	1 32	20 57	1 8	14 40	0 51	13 31	2 30	0 48	0 37	22 55	0 35	0 6	11 4	0 50	0 33	0 8			n.a.
W27	22 7	23 23	4 15	17 20	0 9	21 2	1 29	20 48	1 8	14 43	0 51	13 33	2 30	0 48	0 36	22 56	0 35	0 7	11 4	0 52	0 35	0 4			n.a.
T 28	21 57	26 46	4 46	16 47	0 1	21 15	1 25	20 38	1 8	14 45	0 51	13 34	2 30	0 49	0 36	22 56	0 35	0 7	11 3	0 54	0 36	0 1			n.a.
F 29	21 48	28 36	5 2	16 13	0s 7	21 27	1 22	20 29	1 8	14 48	0 51	13 35	2 31	0 50	0 36	22 56	0 35	0 8	11 3	0 58	0 37	0s 3			n.a.
S 30	21 37	28 45	5 1	15 40	0 15	21 39	1 18	20 19	1 7	14 50	0 51	13 37	2 31	0 51	0 36	22 56	0 35	0 8	11 2	1 2	0 39	0 6			n.a.
S 31	21n27	27n18	4n44	15n 6	0s23	21n50	1s15	20n 9	1n 7	14n53	0s52	13s38	2s31	0s51	0n36	22n56	0s35	0s 9	11n 2	1s 7	0s40	0s10			n.a.

Julian Day Number = 1277825.5, Delta T = 08h11m00s
Ecliptic obliquity = 23°50'29, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'18, Lahiri = -20°43'17 Julian Calendar 1 July 1215 BCE == Greg. Calendar 20 June 1215 BCE

The year -1214 astronomical counting style corresponds to year 1215 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1215 BCE
geocentric

AUGUST 1215 BCE (-1214) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 52 32	26♋13'09	0♌47	20♌ 5	16♊58	6♌45	12♉ 8	0°R58	3♎32	20♊52	26♎37	27°R 5	28♓18	0♎10	n.a.	M 1
T 2	19 56 28	27°11'34	13°18	21°26	18° 8	7°24	12°15	0♓55	3°34	20°54	26°37	26♓56	28°15	0°17	n.a.	T 2
W 3	20 0 25	28°10'01	25°35	22°45	19°18	8° 3	12°23	0°51	3°36	20°56	26°37	26°49	28°12	0°23	n.a.	W 3
T 4	20 4 21	29° 8'30	7♍40	24° 2	20°28	8°42	12°30	0°48	3°38	20°57	26°38	26°45	28° 9	0°30	n.a.	T 4
F 5	20 8 18	0♌ 7'01	19°34	25°18	21°38	9°22	12°37	0°44	3°40	20°59	26°38	26°43	28° 6	0°37	n.a.	F 5
S 6	20 12 14	1° 5'33	1♎23	26°33	22°49	10° 1	12°45	0°40	3°42	21° 1	26°39	26°D43	28° 2	0°43	n.a.	S 6
S 7	20 16 11	2° 4'08	13°10	27°45	23°59	10°40	12°51	0°36	3°44	21° 3	26°40	26°43	27°59	0°50	n.a.	S 7
M 8	20 20 7	3° 2'44	25° 0	28°56	25°10	11°20	12°58	0°33	3°47	21° 5	26°40	26°44	27°56	0°57	n.a.	M 8
T 9	20 24 4	4° 1'22	6♏59	0♍ 5	26°20	11°59	13° 5	0°29	3°49	21° 6	26°41	26°R45	27°53	1° 3	n.a.	T 9
W10	20 28 1	5° 0'02	19°12	1°12	27°31	12°38	13°11	0°25	3°51	21° 8	26°42	26°43	27°50	1°10	n.a.	W10
T 11	20 31 57	5°58'43	1♐44	2°16	28°42	13°18	13°18	0°20	3°54	21°10	26°42	26°40	27°47	1°16	n.a.	T 11
F 12	20 35 54	6°57'27	14°38	3°19	29°53	13°57	13°24	0°16	3°56	21°12	26°43	26°35	27°43	1°23	n.a.	F 12
S 13	20 39 50	7°56'13	27°58	4°19	1♋ 4	14°37	13°30	0°12	3°58	21°13	26°44	26°28	27°40	1°30	n.a.	S 13
S 14	20 43 47	8°55'00	11♑43	5°16	2°15	15°16	13°36	0° 8	4° 1	21°15	26°45	26°21	27°37	1°36	n.a.	S 14
M15	20 47 43	9°53'50	25°52	6°11	3°26	15°56	13°41	0° 3	4° 3	21°16	26°45	26°13	27°34	1°43	n.a.	M15
T 16	20 51 40	10°52'41	10♒21	7° 2	4°38	16°35	13°47	29♒59	4° 6	21°18	26°46	26° 6	27°31	1°50	n.a.	T 16
W17	20 55 36	11°51'35	25° 2	7°50	5°49	17°15	13°52	29°55	4° 9	21°20	26°47	26° 1	27°27	1°56	n.a.	W17
T 18	20 59 33	12°50'31	9♓50	8°35	7° 1	17°55	13°58	29°50	4°11	21°21	26°48	25°58	27°24	2° 3	n.a.	T 18
F 19	21 3 30	13°49'29	24°35	9°16	8°13	18°34	14° 3	29°46	4°14	21°23	26°49	25°D57	27°21	2°10	n.a.	F 19
S 20	21 7 26	14°48'29	9♈12	9°52	9°24	19°14	14° 7	29°41	4°17	21°24	26°50	25°58	27°18	2°16	n.a.	S 20
S 21	21 11 23	15°47'32	23°37	10°24	10°36	19°54	14°12	29°37	4°19	21°26	26°51	25°59	27°15	2°23	n.a.	S 21
M22	21 15 19	16°46'37	7♉46	10°52	11°48	20°34	14°17	29°32	4°22	21°27	26°52	26° 0	27°12	2°30	n.a.	M22
T 23	21 19 16	17°45'45	21°39	11°14	13° 0	21°14	14°21	29°27	4°25	21°29	26°53	26°R 0	27° 8	2°36	n.a.	T 23
W24	21 23 12	18°44'56	5♊16	11°30	14°13	21°54	14°25	29°23	4°28	21°30	26°54	25°59	27° 5	2°43	n.a.	W24
T 25	21 27 9	19°44'09	18°38	11°40	15°25	22°34	14°29	29°18	4°31	21°31	26°56	25°56	27° 2	2°50	n.a.	T 25
F 26	21 31 5	20°43'24	1♋44	11°R43	16°37	23°14	14°33	29°13	4°34	21°33	26°57	25°52	26°59	2°56	n.a.	F 26
S 27	21 35 2	21°42'42	14°37	11°40	17°50	23°54	14°37	29° 9	4°37	21°34	26°58	25°46	26°56	3° 3	n.a.	S 27
S 28	21 38 58	22°42'03	27°16	11°29	19° 2	24°34	14°40	29° 4	4°40	21°35	26°59	25°40	26°53	3° 9	n.a.	S 28
M29	21 42 55	23°41'25	9♌44	11°10	20°15	25°14	14°43	28°59	4°43	21°36	27° 1	25°35	26°49	3°16	n.a.	M29
T 30	21 46 52	24°40'50	22° 0	10°44	21°28	25°54	14°46	28°54	4°46	21°38	27° 2	25°30	26°46	3°23	n.a.	T 30
W31	21 50 48	25♌40'17	4♍ 5	10♍ 9	22♋41	26♌34	14♉49	28♒50	4♎49	21♊39	27♎ 3	25♓27	26♓43	3♎29	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21n16	24n26	4n13	14n32	0s32	22n 1	1s11	19n58	1n 7	14n55	0s52	13s40	2s31	0s52	0n36	22n56	0s35	0s 9	11n 2	1s11	0s41	0s13			n.a.
T 2	21 4	20 28	3 31	13 58	0 40	22 11	1 8	19 48	1 7	14 57	0 52	13 41	2 31	0 53	0 36	22 56	0 35	0 10	11 1	1 14	0 42	0 17			n.a.
W 3	20 53	15 41	2 39	13 24	0 49	22 20	1 4	19 38	1 6	15 0	0 52	13 42	2 32	0 54	0 36	22 57	0 35	0 11	11 1	1 17	0 44	0 20			n.a.
T 4	20 40	10 23	1 40	12 50	0 57	22 29	1 1	19 27	1 6	15 2	0 52	13 44	2 32	0 55	0 36	22 57	0 35	0 11	11 0	1 19	0 45	0 24			n.a.
F 5	20 28	4 47	0 38	12 16	1 6	22 37	0 57	19 16	1 6	15 4	0 52	13 46	2 32	0 56	0 36	22 57	0 35	0 12	11 0	1 20	0 46	0 27			n.a.
S 6	20 15	0s57	0s25	11 43	1 14	22 45	0 54	19 5	1 6	15 6	0 52	13 47	2 32	0 57	0 36	22 57	0 35	0 13	10 59	1 20	0 48	0 31			n.a.
S 7	20 2	6 37	1 27	11 9	1 23	22 52	0 50	18 54	1 5	15 8	0 52	13 49	2 32	0 58	0 36	22 57	0 35	0 13	10 59	1 19	0 49	0 34			n.a.
M 8	19 48	12 6	2 26	10 36	1 32	22 58	0 47	18 43	1 5	15 10	0 52	13 50	2 33	0 59	0 36	22 57	0 35	0 14	10 58	1 19	0 50	0 38			n.a.
T 9	19 34	17 12	3 20	10 4	1 41	23 4	0 43	18 31	1 5	15 12	0 52	13 52	2 33	0 59	0 36	22 57	0 35	0 14	10 58	1 19	0 51	0 41			n.a.
W10	19 20	21 44	4 5	9 32	1 49	23 9	0 40	18 20	1 5	15 14	0 52	13 53	2 33	1 0	0 36	22 57	0 35	0 15	10 57	1 19	0 53	0 45			n.a.
T 11	19 6	25 25	4 39	9 0	1 58	23 14	0 36	18 8	1 4	15 16	0 52	13 55	2 33	1 1	0 36	22 58	0 35	0 16	10 57	1 21	0 54	0 48			n.a.
F 12	18 51	27 56	5 1	8 30	2 7	23 18	0 33	17 56	1 4	15 18	0 52	13 57	2 33	1 2	0 36	22 58	0 35	0 16	10 57	1 23	0 55	0 52			n.a.
S 13	18 35	28 57	5 8	8 0	2 15	23 21	0 29	17 44	1 4	15 20	0 52	13 58	2 33	1 3	0 36	22 58	0 35	0 17	10 56	1 25	0 56	0 55			n.a.
S 14	18 20	28 15	4 57	7 31	2 23	23 24	0 26	17 32	1 4	15 21	0 52	14 0	2 34	1 4	0 36	22 58	0 35	0 18	10 56	1 29	0 58	0 59			n.a.
M15	18 4	25 43	4 28	7 3	2 31	23 26	0 22	17 20	1 3	15 23	0 52	14 2	2 34	1 6	0 36	22 58	0 35	0 19	10 55	1 32	0 59	1 2			n.a.
T 16	17 48	21 29	3 41	6 37	2 39	23 27	0 19	17 8	1 3	15 25	0 52	14 4	2 34	1 7	0 36	22 58	0 35	0 19	10 55	1 34	1 0	1 6			n.a.
W17	17 31	15 53	2 40	6 11	2 47	23 27	0 15	16 55	1 3	15 26	0 52	14 5	2 34	1 8	0 36	22 58	0 35	0 20	10 54	1 36	1 2	1 9			n.a.
T 18	17 14	9 21	1 26	5 48	2 55	23 27	0 12	16 43	1 3	15 28	0 52	14 7	2 34	1 9	0 36	22 58	0 35	0 21	10 54	1 38	1 3	1 13			n.a.
F 19	16 57	2 18	0 7	5 26	3 2	23 26	0 8	16 30	1 2	15 29	0 52	14 9	2 34	1 10	0 36	22 58	0 35	0 22	10 53	1 38	1 4	1 16			n.a.
S 20	16 40	4n48	1n11	5 5	3 9	23 25	0 5	16 17	1 2	15 31	0 52	14 10	2 34	1 11	0 36	22 58	0 35	0 22	10 53	1 38	1 5	1 20			n.a.
S 21	16 22	11 33	2 25	4 47	3 15	23 23	0 2	16 4	1 2	15 32	0 53	14 12	2 35	1 12	0 36	22 59	0 35	0 23	10 53	1 37	1 7	1 23			n.a.
M22	16 4	17 36	3 28	4 32	3 21	23 20	0n 1	15 51	1 1	15 33	0 53	14 14	2 35	1 13	0 36	22 59	0 35	0 24	10 52	1 37	1 8	1 27			n.a.
T 23	15 46	22 37	4 17	4 18	3 26	23 16	0 5	15 38	1 1	15 35	0 53	14 16	2 35	1 14	0 36	22 59	0 35	0 25	10 52	1 37	1 9	1 30			n.a.
W24	15 27	26 19	4 51	4 8	3 30	23 12	0 8	15 24	1 1	15 36	0 53	14 18	2 35	1 16	0 36	22 59	0 35	0 25	10 51	1 37	1 11	1 34			n.a.
T 25	15 9	28 28	5 9	4 1	3 34	23 7	0 11	15 11	1 1	15 37	0 53	14 19	2 35	1 17	0 36	22 59	0 35	0 26	10 51	1 38	1 12	1 37			n.a.
F 26	14 50	29 0	5 10	3 57	3 37	23 1	0 14	14 57	1 0	15 38	0 53	14 21	2 35	1 18	0 36	22 59	0 35	0 27	10 50	1 40	1 13	1 41			n.a.
S 27	14 30	27 54	4 55	3 57	3 38	22 55	0 17	14 43	1 0	15 39	0 53	14 23	2 35	1 19	0 35	22 59	0 35	0 28	10 50	1 42	1 14	1 44			n.a.
S 28	14 11	25 24	4 26	4 0	3 39	22 48	0 20	14 29	1 0	15 40	0 53	14 25	2 35	1 21	0 35	22 59	0 35	0 29	10 50	1 45	1 16	1 48			n.a.
M29	13 51	21 42	3 44	4 8	3 38	22 40	0 23	14 15	0 59	15 41	0 53	14 26	2 35	1 22	0 35	22 59	0 35	0 30	10 49	1 47	1 17	1 51			n.a.
T 30	13 31	17 8	2 53	4 21	3 36	22 32	0 26	14 1	0 59	15 42	0 53	14 28	2 35	1 23	0 35	22 59	0 35	0 30	10 49	1 49	1 18	1 55			n.a.
W31	13n11	11n57	1n54	4n38	3s32	22n23	0n29	13n47	0n59	15n43	0s53	14s30	2s35	1s24	0n35	22n59	0s35	0s31	10n48	1s50	1s20	1s58			n.a.

Julian Day Number = 1277856.5, Delta T = 08h10m59s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'14, Lahiri = -20°43'13 Julian Calendar 1 Aug. 1215 BCE == Greg. Calendar 21 July 1215 BCE

The year -1214 astronomical counting style corresponds to year 1215 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1215 BCE
geocentric

SEPTEMBER 1215 BCE (-1214) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 54 45	26♌39'45	16♍ 2	9°R27	23♋53	27♌14	14♉52	28°R45	4♎52	21♊40	27♎ 5	25°R25	26♓40	3♎36	n.a.	T 1
F 2	21 58 41	27°39'17	27°53	8♍36	25° 6	27°55	14°54	28♒40	4°55	21°41	27° 6	25°D24	26°37	3°43	n.a.	F 2
S 3	22 2 38	28°38'50	9♎40	7°39	26°19	28°35	14°57	28°35	4°58	21°42	27° 7	25♓25	26°33	3°49	n.a.	S 3
S 4	22 6 34	29°38'25	21°26	6°36	27°33	29°15	14°59	28°30	5° 2	21°43	27° 9	25°27	26°30	3°56	n.a.	S 4
M 5	22 10 31	0♍38'02	3♏16	5°27	28°46	29°56	15° 1	28°26	5° 5	21°44	27°10	25°29	26°27	4° 3	n.a.	M 5
T 6	22 14 27	1°37'41	15°14	4°15	29°59	0♍36	15° 2	28°21	5° 8	21°45	27°12	25°30	26°24	4° 9	n.a.	T 6
W 7	22 18 24	2°37'22	27°24	3° 2	1♌12	1°17	15° 4	28°16	5°11	21°46	27°13	25°R31	26°21	4°16	n.a.	W 7
T 8	22 22 20	3°37'05	9♐52	1°50	2°26	1°57	15° 5	28°11	5°15	21°47	27°15	25°31	26°18	4°23	n.a.	T 8
F 9	22 26 17	4°36'50	22°42	0°40	3°39	2°38	15° 6	28° 6	5°18	21°48	27°16	25°30	26°14	4°29	n.a.	F 9
S 10	22 30 14	5°36'36	5♑58	29♌34	4°53	3°18	15° 7	28° 2	5°21	21°49	27°18	25°28	26°11	4°36	n.a.	S 10
S 11	22 34 10	6°36'25	19°41	28°36	6° 6	3°59	15° 8	27°57	5°25	21°50	27°20	25°26	26° 8	4°43	n.a.	S 11
M12	22 38 7	7°36'15	3♒51	27°46	7°20	4°40	15° 9	27°52	5°28	21°51	27°21	25°23	26° 5	4°49	n.a.	M12
T 13	22 42 3	8°36'07	18°26	27° 5	8°34	5°20	15° 9	27°48	5°32	21°52	27°23	25°21	26° 2	4°56	n.a.	T 13
W14	22 46 0	9°36'02	3♓19	26°35	9°48	6° 1	15°R 9	27°43	5°35	21°53	27°25	25°19	25°59	5° 2	n.a.	W14
T 15	22 49 56	10°35'58	18°24	26°17	11° 1	6°42	15° 9	27°38	5°39	21°53	27°27	25°D18	25°55	5° 9	n.a.	T 15
F 16	22 53 53	11°35'56	3♈31	26°D 9	12°15	7°23	15° 9	27°34	5°42	21°54	27°28	25°18	25°52	5°16	n.a.	F 16
S 17	22 57 49	12°35'56	18°31	26°13	13°29	8° 4	15° 8	27°29	5°46	21°55	27°30	25°19	25°49	5°22	n.a.	S 17
S 18	23 1 46	13°35'59	3♉17	26°28	14°43	8°44	15° 8	27°25	5°49	21°55	27°32	25°20	25°46	5°29	n.a.	S 18
M19	23 5 43	14°36'04	17°43	26°53	15°58	9°25	15° 7	27°20	5°53	21°56	27°34	25°21	25°43	5°36	n.a.	M19
T 20	23 9 39	15°36'11	1♊46	27°28	17°12	10° 6	15° 6	27°16	5°56	21°56	27°35	25°22	25°39	5°42	n.a.	T 20
W21	23 13 36	16°36'21	15°26	28°11	18°26	10°47	15° 5	27°11	6° 0	21°57	27°37	25°R22	25°36	5°49	n.a.	W21
T 22	23 17 32	17°36'33	28°43	29° 3	19°40	11°29	15° 3	27° 7	6° 3	21°57	27°39	25°22	25°33	5°56	n.a.	T 22
F 23	23 21 29	18°36'47	11♋40	0♍ 1	20°55	12°10	15° 1	27° 3	6° 7	21°58	27°41	25°21	25°30	6° 2	n.a.	F 23
S 24	23 25 25	19°37'04	24°19	1° 5	22° 9	12°51	15° 0	26°58	6°11	21°58	27°43	25°21	25°27	6° 9	n.a.	S 24
S 25	23 29 22	20°37'22	6♌43	2°15	23°24	13°32	14°57	26°54	6°14	21°59	27°45	25°20	25°24	6°16	n.a.	S 25
M26	23 33 18	21°37'43	18°55	3°30	24°38	14°13	14°55	26°50	6°18	21°59	27°47	25°19	25°20	6°22	n.a.	M26
T 27	23 37 15	22°38'05	0♍57	4°48	25°53	14°55	14°53	26°46	6°22	21°59	27°49	25°19	25°17	6°29	n.a.	T 27
W28	23 41 12	23°38'30	12°53	6°10	27° 7	15°36	14°50	26°42	6°25	22° 0	27°51	25°19	25°14	6°36	n.a.	W28
T 29	23 45 8	24°38'56	24°43	7°34	28°22	16°17	14°47	26°38	6°29	22° 0	27°53	25°19	25°11	6°42	n.a.	T 29
F 30	23 49 5	25♍39'24	6♎31	9♍ 1	29♌37	16♍59	14♉44	26♒34	6♎33	22♊ 0	27♎55	25♓19	25♓ 8	6♎49	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n50	6n23	0n51	4n59	3s26	22n13	0n32	13n33	0n58	15n43	0s53	14s32	2s36	1s26	0n35	22n59	0s35	0s32	10n48	1s51	1s21	2s 1		n.a.
F 2	12 29	0 39	0s14	5 25	3 18	22 3	0 35	13 18	0 58	15 44	0 53	14 33	2 36	1 27	0 35	23 0	0 35	0 33	10 48	1 51	1 22	2 5		n.a.
S 3	12 8	5s 5	1 18	5 56	3 8	21 52	0 38	13 4	0 58	15 45	0 53	14 35	2 36	1 28	0 35	23 0	0 35	0 34	10 47	1 51	1 23	2 8		n.a.
S 4	11 47	10 38	2 18	6 31	2 57	21 40	0 41	12 49	0 57	15 45	0 53	14 37	2 36	1 30	0 35	23 0	0 35	0 35	10 47	1 50	1 25	2 12		n.a.
M 5	11 26	15 50	3 14	7 9	2 43	21 27	0 43	12 34	0 57	15 46	0 53	14 39	2 36	1 31	0 35	23 0	0 35	0 36	10 46	1 50	1 26	2 15		n.a.
T 6	11 4	20 31	4 1	7 50	2 27	21 14	0 46	12 20	0 57	15 46	0 53	14 40	2 36	1 32	0 35	23 0	0 35	0 36	10 46	1 49	1 27	2 19		n.a.
W 7	10 43	24 26	4 39	8 32	2 10	21 1	0 48	12 5	0 56	15 47	0 53	14 42	2 36	1 34	0 35	23 0	0 35	0 37	10 46	1 49	1 29	2 22		n.a.
T 8	10 21	27 19	5 4	9 16	1 52	20 46	0 51	11 50	0 56	15 47	0 53	14 44	2 36	1 35	0 35	23 0	0 35	0 38	10 45	1 49	1 30	2 26		n.a.
F 9	9 59	28 53	5 15	9 59	1 32	20 32	0 53	11 35	0 56	15 47	0 54	14 46	2 36	1 36	0 35	23 0	0 35	0 39	10 45	1 49	1 31	2 29		n.a.
S 10	9 36	28 52	5 11	10 41	1 12	20 16	0 56	11 19	0 55	15 47	0 54	14 47	2 36	1 38	0 35	23 0	0 35	0 40	10 45	1 50	1 32	2 33		n.a.
S 11	9 14	27 7	4 48	11 21	0 51	20 0	0 58	11 4	0 55	15 48	0 54	14 49	2 36	1 39	0 35	23 0	0 35	0 41	10 44	1 51	1 34	2 36		n.a.
M12	8 52	23 37	4 8	11 58	0 31	19 43	1 0	10 49	0 55	15 48	0 54	14 51	2 36	1 40	0 35	23 0	0 35	0 42	10 44	1 52	1 35	2 40		n.a.
T 13	8 29	18 34	3 10	12 31	0 11	19 26	1 3	10 33	0 54	15 48	0 54	14 52	2 36	1 42	0 35	23 0	0 35	0 43	10 44	1 53	1 36	2 43		n.a.
W14	8 6	12 18	1 59	12 59	0n 7	19 8	1 5	10 17	0 54	15 48	0 54	14 54	2 36	1 43	0 35	23 0	0 35	0 44	10 43	1 53	1 38	2 47		n.a.
T 15	7 43	5 15	0 38	13 22	0 25	18 49	1 7	10 2	0 54	15 48	0 54	14 56	2 36	1 45	0 35	23 0	0 35	0 45	10 43	1 54	1 39	2 50		n.a.
F 16	7 20	2n 7	0n45	13 40	0 42	18 30	1 9	9 46	0 53	15 48	0 54	14 57	2 36	1 46	0 35	23 0	0 35	0 46	10 42	1 54	1 40	2 54		n.a.
S 17	6 57	9 18	2 5	13 52	0 57	18 11	1 11	9 30	0 53	15 48	0 54	14 59	2 36	1 47	0 35	23 0	0 35	0 47	10 42	1 53	1 41	2 57		n.a.
S 18	6 33	15 52	3 16	14 0	1 10	17 51	1 13	9 14	0 53	15 47	0 54	15 0	2 36	1 49	0 35	23 0	0 35	0 48	10 42	1 53	1 43	3 1		n.a.
M19	6 10	21 25	4 12	14 2	1 22	17 30	1 14	8 58	0 52	15 47	0 54	15 2	2 36	1 50	0 35	23 0	0 35	0 48	10 41	1 53	1 44	3 4		n.a.
T 20	5 46	25 37	4 51	14 0	1 32	17 9	1 16	8 42	0 52	15 47	0 54	15 3	2 36	1 52	0 35	23 0	0 35	0 49	10 41	1 52	1 45	3 8		n.a.
W21	5 22	28 13	5 13	13 53	1 41	16 47	1 18	8 26	0 51	15 46	0 54	15 5	2 35	1 53	0 35	23 0	0 35	0 50	10 41	1 52	1 47	3 11		n.a.
T 22	4 59	29 7	5 17	13 42	1 49	16 25	1 19	8 10	0 51	15 46	0 54	15 6	2 35	1 55	0 35	23 0	0 35	0 51	10 41	1 52	1 48	3 15		n.a.
F 23	4 35	28 23	5 5	13 26	1 55	16 2	1 21	7 53	0 51	15 45	0 54	15 8	2 35	1 56	0 35	23 0	0 35	0 52	10 40	1 53	1 49	3 18		n.a.
S 24	4 11	26 10	4 38	13 8	2 0	15 39	1 22	7 37	0 50	15 45	0 54	15 9	2 35	1 58	0 35	23 0	0 35	0 53	10 40	1 53	1 50	3 22		n.a.
S 25	3 47	22 45	3 59	12 46	2 3	15 16	1 24	7 21	0 50	15 44	0 54	15 11	2 35	1 59	0 35	23 0	0 35	0 54	10 40	1 53	1 52	3 25		n.a.
M26	3 22	18 23	3 9	12 20	2 6	14 52	1 25	7 4	0 49	15 43	0 54	15 12	2 35	2 1	0 35	23 0	0 35	0 55	10 39	1 53	1 53	3 28		n.a.
T 27	2 58	13 21	2 11	11 53	2 7	14 27	1 26	6 47	0 49	15 43	0 54	15 13	2 35	2 2	0 35	23 0	0 35	0 56	10 39	1 54	1 54	3 32		n.a.
W28	2 34	7 53	1 9	11 23	2 8	14 2	1 27	6 31	0 49	15 42	0 54	15 15	2 35	2 4	0 35	23 0	0 35	0 57	10 39	1 54	1 55	3 35		n.a.
T 29	2 10	2 11	0 3	10 50	2 8	13 37	1 28	6 14	0 48	15 41	0 54	15 16	2 35	2 5	0 35	23 1	0 35	0 58	10 38	1 54	1 57	3 39		n.a.
F 30	1n45	3s35	1s 2	10n16	2n 7	13n11	1n29	5n57	0n48	15n40	0s54	15s17	2s35	2s 7	0n35	23n 1	0s35	0s59	10n38	1s54	1s58	3s42		n.a.

Julian Day Number = 1277887.5, Delta T = 08h10m57s
Ecliptic obliquity = 23°50'30, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'09, Lahiri = -20°43'09 Julian Calendar 1 Sept. 1215 BCE == Greg. Calendar 21 Aug. 1215 BCE

The year -1214 astronomical counting style corresponds to year 1215 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1215 BCE
geocentric

OCTOBER 1215 BCE (-1214) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 53 1	26♍39'54	18♎18	10♍30	0♍51	17♍40	14°R41	26°R30	6♎36	22♊ 0	27♎57	25°R19	25♓ 4	6♎55	n.a.	S 1
S 2	23 56 58	27°40'26	0♏ 7	12° 1	2° 6	18°22	14♉37	26♒27	6°40	22° 1	27°59	25♓18	25° 1	7° 2	n.a.	S 2
M 3	0 0 54	28°40'59	12° 0	13°33	3°21	19° 3	14°34	26°23	6°44	22° 1	28° 1	25°18	24°58	7° 9	n.a.	M 3
T 4	0 4 51	29°41'34	24° 1	15° 6	4°36	19°45	14°30	26°19	6°48	22° 1	28° 3	25°18	24°55	7°15	n.a.	T 4
W 5	0 8 47	0♎42'10	6♐12	16°39	5°51	20°27	14°26	26°16	6°51	22° 1	28° 5	25°17	24°52	7°22	n.a.	W 5
T 6	0 12 44	1°42'48	18°38	18°14	7° 5	21° 8	14°22	26°12	6°55	22°R 1	28° 8	25°16	24°49	7°29	n.a.	T 6
F 7	0 16 40	2°43'27	1♑23	19°49	8°20	21°50	14°17	26° 9	6°59	22° 1	28°10	25°D16	24°45	7°35	n.a.	F 7
S 8	0 20 37	3°44'08	14°30	21°24	9°35	22°32	14°13	26° 6	7° 3	22° 1	28°12	25°16	24°42	7°42	n.a.	S 8
S 9	0 24 34	4°44'49	28° 2	22°59	10°50	23°14	14° 8	26° 2	7° 6	22° 1	28°14	25°17	24°39	7°49	n.a.	S 9
M10	0 28 30	5°45'32	12♒ 0	24°35	12° 5	23°55	14° 3	25°59	7°10	22° 1	28°16	25°18	24°36	7°55	n.a.	M10
T 11	0 32 27	6°46'17	26°25	26°11	13°20	24°37	13°58	25°56	7°14	22° 1	28°18	25°19	24°33	8° 2	n.a.	T 11
W12	0 36 23	7°47'02	11♓13	27°46	14°36	25°19	13°53	25°53	7°18	22° 0	28°21	25°20	24°30	8° 9	n.a.	W12
T 13	0 40 20	8°47'49	26°19	29°22	15°51	26° 1	13°48	25°50	7°21	22° 0	28°23	25°R20	24°26	8°15	n.a.	T 13
F 14	0 44 16	9°48'37	11♈34	0♎58	17° 6	26°43	13°42	25°48	7°25	22° 0	28°25	25°19	24°23	8°22	n.a.	F 14
S 15	0 48 13	10°49'27	26°48	2°33	18°21	27°25	13°36	25°45	7°29	22° 0	28°27	25°18	24°20	8°29	n.a.	S 15
S 16	0 52 9	11°50'18	11♉51	4° 9	19°36	28° 7	13°30	25°42	7°33	21°59	28°30	25°16	24°17	8°35	n.a.	S 16
M17	0 56 6	12°51'11	26°35	5°44	20°51	28°49	13°24	25°40	7°36	21°59	28°32	25°14	24°14	8°42	n.a.	M17
T 18	1 0 3	13°52'05	10♊53	7°20	22° 7	29°32	13°18	25°38	7°40	21°59	28°34	25°12	24°10	8°49	n.a.	T 18
W19	1 3 59	14°53'01	24°44	8°55	23°22	0♎14	13°12	25°35	7°44	21°58	28°36	25°10	24° 7	8°55	n.a.	W19
T 20	1 7 56	15°53'58	8♋ 7	10°30	24°37	0°56	13° 6	25°33	7°47	21°58	28°39	25° 9	24° 4	9° 2	n.a.	T 20
F 21	1 11 52	16°54'57	21° 5	12° 5	25°53	1°38	12°59	25°31	7°51	21°57	28°41	25°D 8	24° 1	9° 8	n.a.	F 21
S 22	1 15 49	17°55'58	3♌40	13°40	27° 8	2°21	12°52	25°29	7°55	21°57	28°43	25° 9	23°58	9°15	n.a.	S 22
S 23	1 19 45	18°56'59	15°57	15°15	28°23	3° 3	12°45	25°27	7°59	21°56	28°46	25°11	23°55	9°22	n.a.	S 23
M24	1 23 42	19°58'03	28° 0	16°49	29°39	3°46	12°38	25°25	8° 2	21°56	28°48	25°12	23°51	9°28	n.a.	M24
T 25	1 27 39	20°59'07	9♍54	18°24	0♎54	4°28	12°31	25°24	8° 6	21°55	28°50	25°14	23°48	9°35	n.a.	T 25
W26	1 31 35	22° 0'12	21°43	19°59	2° 9	5°11	12°24	25°22	8°10	21°54	28°52	25°R15	23°45	9°42	n.a.	W26
T 27	1 35 32	23° 1'19	3♎30	21°33	3°25	5°53	12°17	25°21	8°13	21°54	28°55	25°15	23°42	9°48	n.a.	T 27
F 28	1 39 28	24° 2'27	15°17	23° 7	4°40	6°36	12°10	25°19	8°17	21°53	28°57	25°13	23°39	9°55	n.a.	F 28
S 29	1 43 25	25° 3'36	27° 8	24°42	5°56	7°19	12° 2	25°18	8°21	21°52	28°59	25°10	23°36	10° 2	n.a.	S 29
S 30	1 47 21	26° 4'45	9♏ 3	26°16	7°11	8° 1	11°55	25°17	8°24	21°51	29° 2	25° 5	23°32	10° 8	n.a.	S 30
M31	1 51 18	27♎ 5'56	21♏ 5	27♎51	8♎27	8♎44	11♉47	25♒16	8♎28	21♊51	29♎ 4	24♓59	23♓29	10♎15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n21	9s12	2s 4	9n40	2n 5	12n45	1n30	5n41	0n47	15n39	0s54	15s18	2s35	2s 8	0n35	23n 1	0s35	1s 0	10n38	1s54	1s59	3s46		n.a.
S 2	0 56	14 32	3 2	9 3	2 3	12 19	1 31	5 24	0 47	15 38	0 54	15 20	2 34	2 10	0 35	23 1	0 35	1 1	10 38	1 54	2 1	3 49		n.a.
M 3	0 32	19 21	3 52	8 25	2 0	11 52	1 32	5 7	0 46	15 37	0 54	15 21	2 34	2 11	0 35	23 1	0 35	1 2	10 37	1 54	2 2	3 53		n.a.
T 4	0 7	23 28	4 32	7 45	1 57	11 25	1 33	4 50	0 46	15 36	0 54	15 22	2 34	2 13	0 35	23 1	0 35	1 3	10 37	1 54	2 3	3 56		n.a.
W 5	0s17	26 38	5 0	7 5	1 53	10 58	1 33	4 33	0 46	15 34	0 54	15 23	2 34	2 14	0 35	23 1	0 35	1 4	10 37	1 54	2 4	4 0		n.a.
T 6	0 42	28 35	5 15	6 23	1 49	10 30	1 34	4 16	0 45	15 33	0 54	15 24	2 34	2 16	0 35	23 0	0 35	1 5	10 37	1 54	2 6	4 3		n.a.
F 7	1 6	29 6	5 16	5 41	1 44	10 2	1 34	3 58	0 45	15 32	0 54	15 25	2 34	2 17	0 35	23 0	0 35	1 6	10 36	1 55	2 7	4 7		n.a.
S 8	1 31	28 0	5 0	4 59	1 39	9 34	1 35	3 41	0 44	15 31	0 54	15 26	2 34	2 19	0 35	23 0	0 35	1 7	10 36	1 55	2 8	4 10		n.a.
S 9	1 55	25 16	4 27	4 16	1 34	9 5	1 35	3 24	0 44	15 29	0 54	15 27	2 34	2 20	0 35	23 0	0 35	1 8	10 36	1 54	2 10	4 13		n.a.
M10	2 19	20 58	3 38	3 32	1 29	8 36	1 35	3 7	0 43	15 28	0 54	15 28	2 33	2 22	0 35	23 0	0 35	1 9	10 36	1 54	2 11	4 17		n.a.
T 11	2 44	15 19	2 34	2 49	1 23	8 7	1 35	2 50	0 43	15 26	0 54	15 29	2 33	2 23	0 35	23 0	0 35	1 10	10 35	1 54	2 12	4 20		n.a.
W12	3 8	8 40	1 17	2 5	1 17	7 38	1 35	2 32	0 42	15 25	0 54	15 30	2 33	2 25	0 35	23 0	0 35	1 11	10 35	1 53	2 13	4 24		n.a.
T 13	3 33	1 24	0n 5	1 21	1 11	7 8	1 35	2 15	0 42	15 23	0 54	15 31	2 33	2 26	0 35	23 0	0 35	1 12	10 35	1 53	2 15	4 27		n.a.
F 14	3 57	6n 0	1 29	0 36	1 5	6 38	1 35	1 58	0 42	15 21	0 54	15 31	2 33	2 28	0 35	23 0	0 35	1 13	10 35	1 53	2 16	4 31		n.a.
S 15	4 21	13 4	2 46	0s 8	0 59	6 8	1 35	1 40	0 41	15 20	0 54	15 32	2 33	2 29	0 35	23 0	0 35	1 14	10 35	1 54	2 17	4 34		n.a.
S 16	4 45	19 17	3 50	0 52	0 53	5 38	1 35	1 23	0 41	15 18	0 54	15 33	2 32	2 31	0 35	23 0	0 35	1 15	10 34	1 55	2 19	4 38		n.a.
M17	5 10	24 12	4 38	1 37	0 46	5 8	1 35	1 5	0 40	15 16	0 54	15 34	2 32	2 32	0 35	23 0	0 35	1 16	10 34	1 56	2 20	4 41		n.a.
T 18	5 34	27 30	5 6	2 21	0 40	4 37	1 34	0 48	0 40	15 14	0 54	15 34	2 32	2 34	0 35	23 0	0 35	1 17	10 34	1 56	2 21	4 45		n.a.
W19	5 58	29 0	5 16	3 5	0 33	4 7	1 34	0 30	0 39	15 12	0 54	15 35	2 32	2 35	0 35	23 0	0 35	1 17	10 34	1 57	2 22	4 48		n.a.
T 20	6 21	28 43	5 8	3 49	0 27	3 36	1 34	0s 13	0 39	15 10	0 54	15 35	2 32	2 37	0 35	23 0	0 35	1 18	10 34	1 58	2 24	4 51		n.a.
F 21	6 45	26 50	4 44	4 33	0 20	3 5	1 33	0s 5	0 38	15 9	0 54	15 36	2 32	2 38	0 35	23 0	0 35	1 19	10 34	1 58	2 25	4 55		n.a.
S 22	7 9	23 40	4 7	5 16	0 14	2 34	1 32	0 22	0 38	15 7	0 54	15 37	2 31	2 40	0 35	23 0	0 35	1 20	10 33	1 57	2 26	4 58		n.a.
S 23	7 33	19 30	3 20	5 59	0 7	2 3	1 32	0 40	0 37	15 4	0 54	15 37	2 31	2 41	0 35	23 0	0 35	1 21	10 33	1 57	2 27	5 2		n.a.
M24	7 56	14 37	2 25	6 42	0 1	1 32	1 31	0 58	0 37	15 2	0 54	15 37	2 31	2 43	0 35	23 0	0 35	1 22	10 33	1 56	2 29	5 5		n.a.
T 25	8 19	9 16	1 24	7 25	0s 6	1 1	1 30	1 15	0 36	15 0	0 54	15 38	2 31	2 44	0 35	23 0	0 35	1 23	10 33	1 55	2 30	5 9		n.a.
W26	8 43	3 38	0 19	8 8	0 12	0 29	1 29	1 33	0 36	14 58	0 54	15 38	2 31	2 46	0 35	23 0	0 35	1 24	10 33	1 55	2 31	5 12		n.a.
T 27	9 6	2s 6	0s45	8 50	0 19	0s 2	1 28	1 50	0 35	14 56	0 54	15 38	2 30	2 47	0 35	23 0	0 35	1 25	10 33	1 55	2 33	5 16		n.a.
F 28	9 29	7 46	1 48	9 31	0 25	0 33	1 27	2 8	0 35	14 54	0 53	15 39	2 30	2 49	0 35	23 0	0 35	1 26	10 33	1 56	2 34	5 19		n.a.
S 29	9 51	13 12	2 46	10 13	0 31	1 5	1 26	2 26	0 34	14 51	0 53	15 39	2 30	2 50	0 35	23 0	0 35	1 27	10 33	1 57	2 35	5 22		n.a.
S 30	10 14	18 10	3 37	10 53	0 38	1 36	1 25	2 43	0 33	14 49	0 53	15 39	2 30	2 51	0 35	23 0	0 36	1 28	10 32	1 59	2 36	5 26		n.a.
M31	10s37	22s29	4s19	11s34	0s44	2s 7	1n24	3s 1	0n33	14n47	0s53	15s39	2s29	2s53	0n35	23n 0	0s36	1s29	10n32	2s 2	2s38	5s29		n.a.

Julian Day Number = 1277917.5, Delta T = 08h10m55s
Ecliptic obliquity = 23°50'30, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'05, Lahiri = -20°43'05 Julian Calendar 1 Oct. 1215 BCE == Greg. Calendar 20 Sept. 1215 BCE

The year -1214 astronomical counting style corresponds to year 1215 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1215 BCE
geocentric

NOVEMBER 1215 BCE (-1214) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 55 14	28♎ 7'07	3♐15	29♎25	9♎42	9♎27	11°R39	25°R15	8♎31	21°R50	29♎ 6	24°R53	23♓26	10♎22	n.a.	T 1
W 2	1 59 11	29° 8'19	15°34	1♏ 0	10°58	10°10	11♉31	25♒14	8°35	21♊49	29° 9	24♓47	23°23	10°28	n.a.	W 2
T 3	2 3 8	0♏ 9'31	28° 6	2°34	12°13	10°53	11°24	25°13	8°39	21°48	29°11	24°42	23°20	10°35	n.a.	T 3
F 4	2 7 4	1°10'44	10♑52	4° 9	13°28	11°35	11°16	25°13	8°42	21°47	29°13	24°38	23°16	10°42	n.a.	F 4
S 5	2 11 1	2°11'58	23°55	5°43	14°44	12°18	11° 8	25°12	8°46	21°46	29°16	24°36	23°13	10°48	n.a.	S 5
S 6	2 14 57	3°13'11	7♒18	7°18	15°59	13° 1	11° 0	25°12	8°49	21°45	29°18	24°D36	23°10	10°55	n.a.	S 6
M 7	2 18 54	4°14'25	21° 2	8°53	17°15	13°44	10°52	25°12	8°53	21°44	29°20	24°37	23° 7	11° 2	n.a.	M 7
T 8	2 22 50	5°15'40	5♓ 9	10°28	18°30	14°27	10°43	25°12	8°56	21°43	29°23	24°38	23° 4	11° 8	n.a.	T 8
W 9	2 26 47	6°16'54	19°39	12° 3	19°46	15°11	10°35	25°D12	9° 0	21°42	29°25	24°R39	23° 1	11°15	n.a.	W 9
T 10	2 30 43	7°18'08	4♈28	13°38	21° 1	15°54	10°27	25°12	9° 3	21°41	29°27	24°39	22°57	11°22	n.a.	T 10
F 11	2 34 40	8°19'23	19°30	15°14	22°17	16°37	10°19	25°12	9° 6	21°40	29°30	24°37	22°54	11°28	n.a.	F 11
S 12	2 38 37	9°20'38	4♉39	16°49	23°32	17°20	10°11	25°12	9°10	21°39	29°32	24°32	22°51	11°35	n.a.	S 12
S 13	2 42 33	10°21'54	19°43	18°25	24°48	18° 3	10° 3	25°13	9°13	21°38	29°34	24°26	22°48	11°41	n.a.	S 13
M14	2 46 30	11°23'10	4♊34	20° 0	26° 3	18°47	9°55	25°13	9°17	21°36	29°37	24°18	22°45	11°48	n.a.	M14
T 15	2 50 26	12°24'26	19° 3	21°36	27°19	19°30	9°46	25°14	9°20	21°35	29°39	24°10	22°42	11°55	n.a.	T 15
W16	2 54 23	13°25'43	3♋ 5	23°12	28°34	20°13	9°38	25°15	9°23	21°34	29°41	24° 3	22°38	12° 1	n.a.	W16
T 17	2 58 19	14°27'00	16°37	24°48	29°50	20°57	9°30	25°16	9°26	21°33	29°43	23°57	22°35	12° 8	n.a.	T 17
F 18	3 2 16	15°28'18	29°41	26°24	1♏ 5	21°40	9°22	25°17	9°30	21°31	29°46	23°54	22°32	12°15	n.a.	F 18
S 19	3 6 13	16°29'36	12♌20	28° 0	2°21	22°24	9°14	25°18	9°33	21°30	29°48	23°D52	22°29	12°21	n.a.	S 19
S 20	3 10 9	17°30'54	24°37	29°36	3°36	23° 7	9° 6	25°19	9°36	21°29	29°50	23°53	22°26	12°28	n.a.	S 20
M21	3 14 6	18°32'12	6♍39	1♐12	4°52	23°51	8°58	25°20	9°39	21°27	29°52	23°54	22°22	12°35	n.a.	M21
T 22	3 18 2	19°33'31	18°31	2°47	6° 7	24°35	8°50	25°22	9°42	21°26	29°55	23°R55	22°19	12°41	n.a.	T 22
W23	3 21 59	20°34'50	0♎18	4°23	7°23	25°18	8°42	25°23	9°45	21°25	29°57	23°54	22°16	12°48	n.a.	W23
T 24	3 25 55	21°36'09	12° 4	5°57	8°38	26° 2	8°35	25°25	9°48	21°23	29°59	23°52	22°13	12°55	n.a.	T 24
F 25	3 29 52	22°37'28	23°53	7°31	9°54	26°46	8°27	25°27	9°51	21°22	0♏ 1	23°48	22°10	13° 1	n.a.	F 25
S 26	3 33 48	23°38'47	5♏49	9° 5	11° 9	27°30	8°19	25°28	9°54	21°20	0° 3	23°41	22° 7	13° 8	n.a.	S 26
S 27	3 37 45	24°40'06	17°54	10°37	12°25	28°14	8°12	25°30	9°57	21°19	0° 6	23°31	22° 3	13°15	n.a.	S 27
M28	3 41 42	25°41'25	0♐ 8	12° 8	13°40	28°57	8° 4	25°33	10° 0	21°18	0° 8	23°19	22° 0	13°21	n.a.	M28
T 29	3 45 38	26°42'43	12°33	13°38	14°56	29°41	7°57	25°35	10° 3	21°16	0°10	23° 7	21°57	13°28	n.a.	T 29
W30	3 49 35	27♏44'01	25♐ 9	15♐ 6	16♏11	0♏25	7♉49	25♒37	10♎ 6	21♊15	0♏12	22♓55	21♓54	13♎35	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s59	25s53	4s50	12s14	0s50	2s39	1n23	3s19	0n32	14n45	0s53	15s39	2s29	2s54	0n35	23n 0	0s36	1s30	10n32	2s 4	2s39	5s33		n.a.
W 2	11 21	28 8	5 7	12 53	0 56	3 10	1 21	3 36	0 32	14 42	0 53	15 40	2 29	2 56	0 35	23 0	0 36	1 30	10 32	2 7	2 40	5 36		n.a.
T 3	11 43	29 0	5 11	13 32	1 2	3 41	1 20	3 54	0 31	14 40	0 53	15 40	2 29	2 57	0 35	23 0	0 36	1 31	10 32	2 9	2 42	5 40		n.a.
F 4	12 5	28 21	4 59	14 10	1 7	4 12	1 19	4 11	0 31	14 38	0 53	15 40	2 29	2 59	0 35	22 59	0 36	1 32	10 32	2 10	2 43	5 43		n.a.
S 5	12 26	26 8	4 32	14 47	1 13	4 43	1 17	4 29	0 30	14 35	0 53	15 40	2 28	3 0	0 35	22 59	0 36	1 33	10 32	2 11	2 44	5 46		n.a.
S 6	12 48	22 27	3 49	15 24	1 18	5 14	1 15	4 46	0 30	14 33	0 53	15 39	2 28	3 1	0 35	22 59	0 36	1 34	10 32	2 11	2 45	5 50		n.a.
M 7	13 9	17 27	2 53	16 0	1 23	5 45	1 14	5 4	0 29	14 30	0 52	15 39	2 28	3 3	0 35	22 59	0 36	1 35	10 32	2 11	2 47	5 53		n.a.
T 8	13 30	11 23	1 44	16 36	1 28	6 16	1 12	5 21	0 29	14 28	0 52	15 39	2 28	3 4	0 35	22 59	0 36	1 36	10 32	2 10	2 48	5 57		n.a.
W 9	13 50	4 35	0 27	17 11	1 33	6 46	1 11	5 39	0 28	14 25	0 52	15 39	2 28	3 6	0 35	22 59	0 36	1 37	10 32	2 10	2 49	6 0		n.a.
T 10	14 11	2n37	0n53	17 45	1 37	7 17	1 9	5 56	0 27	14 23	0 52	15 39	2 27	3 7	0 35	22 59	0 36	1 37	10 32	2 10	2 50	6 4		n.a.
F 11	14 31	9 46	2 11	18 18	1 42	7 47	1 7	6 14	0 27	14 20	0 52	15 38	2 27	3 8	0 35	22 59	0 36	1 38	10 32	2 11	2 52	6 7		n.a.
S 12	14 51	16 24	3 19	18 50	1 46	8 17	1 5	6 31	0 26	14 18	0 52	15 38	2 27	3 10	0 35	22 59	0 36	1 39	10 32	2 12	2 53	6 10		n.a.
S 13	15 11	22 1	4 14	19 21	1 50	8 47	1 3	6 48	0 26	14 16	0 52	15 38	2 27	3 11	0 35	22 59	0 36	1 40	10 32	2 15	2 54	6 14		n.a.
M14	15 30	26 9	4 50	19 51	1 53	9 16	1 2	7 5	0 25	14 13	0 51	15 37	2 26	3 12	0 35	22 59	0 36	1 41	10 32	2 18	2 56	6 17		n.a.
T 15	15 49	28 28	5 7	20 20	1 56	9 46	1 0	7 23	0 24	14 11	0 51	15 37	2 26	3 14	0 35	22 59	0 36	1 41	10 31	2 21	2 57	6 21		n.a.
W16	16 8	28 52	5 4	20 48	1 59	10 15	0 58	7 40	0 24	14 8	0 51	15 36	2 26	3 15	0 35	22 59	0 36	1 42	10 31	2 24	2 58	6 24		n.a.
T 17	16 27	27 29	4 44	21 15	2 2	10 44	0 56	7 57	0 23	14 6	0 51	15 36	2 26	3 16	0 35	22 59	0 36	1 43	10 31	2 26	2 59	6 27		n.a.
F 18	16 45	24 38	4 10	21 41	2 4	11 13	0 54	8 14	0 23	14 3	0 51	15 35	2 25	3 17	0 35	22 58	0 36	1 44	10 31	2 28	3 1	6 31		n.a.
S 19	17 3	20 39	3 25	22 5	2 6	11 41	0 51	8 31	0 22	14 1	0 51	15 35	2 25	3 19	0 35	22 58	0 36	1 45	10 31	2 28	3 2	6 34		n.a.
S 20	17 21	15 54	2 31	22 28	2 7	12 9	0 49	8 48	0 21	13 58	0 50	15 34	2 25	3 20	0 35	22 58	0 36	1 45	10 32	2 28	3 3	6 38		n.a.
M21	17 38	10 38	1 31	22 50	2 8	12 37	0 47	9 5	0 21	13 56	0 50	15 33	2 25	3 21	0 35	22 58	0 36	1 46	10 32	2 28	3 4	6 41		n.a.
T 22	17 55	5 3	0 29	23 10	2 9	13 5	0 45	9 22	0 20	13 54	0 50	15 33	2 25	3 22	0 35	22 58	0 36	1 47	10 32	2 27	3 6	6 45		n.a.
W23	18 12	0s39	0s34	23 29	2 9	13 32	0 43	9 39	0 20	13 51	0 50	15 32	2 24	3 24	0 35	22 58	0 36	1 48	10 32	2 28	3 7	6 48		n.a.
T 24	18 28	6 19	1 36	23 46	2 8	13 59	0 41	9 56	0 19	13 49	0 50	15 31	2 24	3 25	0 35	22 58	0 36	1 48	10 32	2 28	3 8	6 51		n.a.
F 25	18 44	11 47	2 33	24 1	2 7	14 25	0 38	10 12	0 18	13 47	0 50	15 30	2 24	3 26	0 35	22 58	0 36	1 49	10 32	2 30	3 10	6 55		n.a.
S 26	19 0	16 53	3 25	24 15	2 5	14 51	0 36	10 29	0 18	13 44	0 49	15 30	2 24	3 27	0 35	22 58	0 36	1 50	10 32	2 33	3 11	6 58		n.a.
S 27	19 15	21 24	4 7	24 26	2 3	15 17	0 34	10 45	0 17	13 42	0 49	15 29	2 23	3 28	0 35	22 58	0 36	1 50	10 32	2 37	3 12	7 2		n.a.
M28	19 30	25 3	4 39	24 36	2 0	15 42	0 31	11 2	0 16	13 40	0 49	15 28	2 23	3 29	0 35	22 58	0 36	1 51	10 32	2 42	3 13	7 5		n.a.
T 29	19 45	27 36	4 58	24 44	1 56	16 7	0 29	11 18	0 16	13 37	0 49	15 27	2 23	3 31	0 35	22 57	0 36	1 52	10 32	2 47	3 15	7 8		n.a.
W30	19s59	28s47	5s 2	24s50	1s51	16s32	0n27	11s35	0n15	13n35	0s49	15s26	2s23	3s32	0n35	22n57	0s36	1s52	10n32	2s52	3s16	7s12		n.a.

Julian Day Number = 1277948.5, Delta T = 08h10m54s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°50'01, Lahiri = -20°43'01 Julian Calendar 1 Nov. 1215 BCE == Greg. Calendar 21 Oct. 1215 BCE

The year -1214 astronomical counting style corresponds to year 1215 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1215 BCE
geocentric

DECEMBER 1215 BCE (-1214) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 53 31	28♏45'18	7♉56	16♐31	17♏27	1♏ 9	7°R42	25♒39	10♎ 9	21°R13	0♏14	22°R44	21♓51	13♎41	n.a.	T 1
F 2	3 57 28	29°46'35	20°55	17°54	18°42	1°53	7♉35	25°42	10°12	21♊11	0°16	22♓35	21°47	13°48	n.a.	F 2
S 3	4 1 24	0♐47'52	4♒ 6	19°14	19°57	2°37	7°28	25°45	10°14	21°10	0°18	22°29	21°44	13°55	n.a.	S 3
S 4	4 5 21	1°49'07	17°30	20°29	21°13	3°21	7°21	25°47	10°17	21° 8	0°20	22°26	21°41	14° 1	n.a.	S 4
M 5	4 9 18	2°50'21	1♓ 8	21°41	22°28	4° 6	7°15	25°50	10°20	21° 7	0°23	22°D26	21°38	14° 8	n.a.	M 5
T 6	4 13 14	3°51'35	15° 3	22°47	23°44	4°50	7° 8	25°53	10°22	21° 5	0°25	22°R26	21°35	14°15	n.a.	T 6
W 7	4 17 11	4°52'48	29°13	23°47	24°59	5°34	7° 2	25°56	10°25	21° 4	0°27	22°26	21°32	14°21	n.a.	W 7
T 8	4 21 7	5°53'59	13♈39	24°40	26°14	6°18	6°55	25°59	10°27	21° 2	0°29	22°24	21°28	14°28	n.a.	T 8
F 9	4 25 4	6°55'10	28°18	25°26	27°30	7° 2	6°49	26° 2	10°30	21° 0	0°31	22°20	21°25	14°35	n.a.	F 9
S 10	4 29 0	7°56'20	13♉ 4	26° 3	28°45	7°47	6°43	26° 6	10°32	20°59	0°32	22°13	21°22	14°41	n.a.	S 10
S 11	4 32 57	8°57'28	27°50	26°31	0♐ 0	8°31	6°37	26° 9	10°35	20°57	0°34	22° 3	21°19	14°48	n.a.	S 11
M12	4 36 53	9°58'37	12♊29	26°49	1°16	9°15	6°32	26°13	10°37	20°55	0°36	21°52	21°16	14°55	n.a.	M12
T 13	4 40 50	10°59'44	26°52	26°R56	2°31	10° 0	6°26	26°16	10°39	20°54	0°38	21°40	21°13	15° 1	n.a.	T 13
W14	4 44 47	12° 0'50	10♋53	26°51	3°46	10°44	6°21	26°20	10°42	20°52	0°40	21°28	21° 9	15° 8	n.a.	W14
T 15	4 48 43	13° 1'56	24°28	26°35	5° 2	11°29	6°15	26°24	10°44	20°50	0°42	21°18	21° 6	15°14	n.a.	T 15
F 16	4 52 40	14° 3'01	7♌36	26° 7	6°17	12°13	6°10	26°28	10°46	20°49	0°44	21°11	21° 3	15°21	n.a.	F 16
S 17	4 56 36	15° 4'05	20°20	25°29	7°32	12°58	6° 6	26°32	10°48	20°47	0°46	21° 7	21° 0	15°28	n.a.	S 17
S 18	5 0 33	16° 5'08	2♍41	24°40	8°47	13°43	6° 1	26°36	10°50	20°45	0°47	21° 5	20°57	15°34	n.a.	S 18
M19	5 4 29	17° 6'10	14°46	23°42	10° 3	14°27	5°56	26°40	10°52	20°44	0°49	21° 4	20°53	15°41	n.a.	M19
T 20	5 8 26	18° 7'12	26°39	22°37	11°18	15°12	5°52	26°44	10°54	20°42	0°51	21° 4	20°50	15°48	n.a.	T 20
W21	5 12 23	19° 8'12	8♎27	21°26	12°33	15°57	5°48	26°49	10°56	20°40	0°53	21° 3	20°47	15°54	n.a.	W21
T 22	5 16 19	20° 9'12	20°15	20°13	13°48	16°41	5°44	26°53	10°58	20°39	0°54	21° 1	20°44	16° 1	n.a.	T 22
F 23	5 20 16	21°10'11	2♏ 7	18°58	15° 4	17°26	5°40	26°58	11° 0	20°37	0°56	20°56	20°41	16° 8	n.a.	F 23
S 24	5 24 12	22°11'08	14° 8	17°44	16°19	18°11	5°36	27° 2	11° 2	20°35	0°58	20°48	20°38	16°14	n.a.	S 24
S 25	5 28 9	23°12'05	26°21	16°34	17°34	18°56	5°33	27° 7	11° 4	20°34	0°59	20°37	20°34	16°21	n.a.	S 25
M26	5 32 5	24°13'01	8♐48	15°28	18°49	19°40	5°30	27°12	11° 5	20°32	1° 1	20°24	20°31	16°28	n.a.	M26
T 27	5 36 2	25°13'55	21°29	14°28	20° 4	20°25	5°26	27°17	11° 7	20°30	1° 2	20° 9	20°28	16°34	n.a.	T 27
W28	5 39 58	26°14'48	4♉25	13°36	21°20	21°10	5°24	27°22	11° 9	20°28	1° 4	19°56	20°25	16°41	n.a.	W28
T 29	5 43 55	27°15'39	17°34	12°51	22°35	21°55	5°21	27°27	11°10	20°27	1° 6	19°43	20°22	16°48	n.a.	T 29
F 30	5 47 52	28°16'29	0♒55	12°15	23°50	22°40	5°18	27°32	11°12	20°25	1° 7	19°33	20°19	16°54	n.a.	F 30
S 31	5 51 48	29♐17'17	14♒26	11♐47	25♐ 5	23♏25	5♉16	27♒37	11♎13	20♊23	1♏ 9	19♓26	20♓15	17♎ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s13	28s28	4s52	24s54	1s45	16s56	0n24	11s51	0n14	13n33	0s48	15s25	2s23	3s33	0n35	22n57	0s36	1s53	10n32	2s56	3s17	7s15			n.a.
F 2	20 27	26 35	4 27	24 55	1 39	17 20	0 22	12 7	0 14	13 31	0 48	15 24	2 22	3 34	0 35	22 57	0 36	1 54	10 32	2 59	3 19	7 18			n.a.
S 3	20 40	23 14	3 47	24 55	1 32	17 43	0 20	12 23	0 13	13 29	0 48	15 22	2 22	3 35	0 35	22 57	0 36	1 54	10 32	3 2	3 20	7 22			n.a.
S 4	20 52	18 36	2 54	24 52	1 23	18 5	0 17	12 39	0 12	13 27	0 48	15 21	2 22	3 36	0 35	22 57	0 35	1 55	10 32	3 3	3 21	7 25			n.a.
M 5	21 5	12 58	1 51	24 48	1 14	18 27	0 15	12 55	0 12	13 25	0 48	15 20	2 22	3 37	0 35	22 57	0 35	1 56	10 32	3 3	3 22	7 29			n.a.
T 6	21 17	6 35	0 39	24 41	1 3	18 49	0 12	13 11	0 11	13 23	0 47	15 19	2 21	3 38	0 35	22 57	0 35	1 56	10 32	3 3	3 24	7 32			n.a.
W 7	21 28	0n14	0n36	24 33	0 51	19 10	0 10	13 26	0 10	13 21	0 47	15 18	2 21	3 39	0 35	22 57	0 35	1 57	10 33	3 3	3 25	7 35			n.a.
T 8	21 39	7 10	1 50	24 22	0 38	19 31	0 8	13 42	0 10	13 19	0 47	15 16	2 21	3 40	0 35	22 57	0 35	1 57	10 33	3 4	3 26	7 39			n.a.
F 9	21 50	13 48	2 58	24 10	0 24	19 51	0 5	13 57	0 9	13 17	0 47	15 15	2 21	3 41	0 35	22 56	0 35	1 58	10 33	3 5	3 27	7 42			n.a.
S 10	22 0	19 44	3 54	23 56	0 9	20 10	0 3	14 12	0 8	13 15	0 46	15 14	2 21	3 42	0 35	22 56	0 35	1 59	10 33	3 8	3 29	7 45			n.a.
S 11	22 10	24 28	4 35	23 41	0n 7	20 29	0 0	14 28	0 8	13 14	0 46	15 12	2 20	3 43	0 35	22 56	0 35	1 59	10 33	3 12	3 30	7 49			n.a.
M12	22 19	27 34	4 57	23 24	0 24	20 47	0s 2	14 43	0 7	13 12	0 46	15 11	2 20	3 44	0 35	22 56	0 35	2 0	10 33	3 17	3 31	7 52			n.a.
T 13	22 28	28 48	4 59	23 6	0 42	21 5	0 4	14 58	0 6	13 10	0 46	15 9	2 20	3 45	0 35	22 56	0 35	2 0	10 33	3 22	3 32	7 56			n.a.
W14	22 37	28 6	4 44	22 47	1 1	21 22	0 7	15 13	0 5	13 9	0 45	15 8	2 20	3 46	0 35	22 56	0 35	2 1	10 33	3 26	3 34	7 59			n.a.
T 15	22 45	25 43	4 12	22 28	1 20	21 39	0 9	15 27	0 5	13 7	0 45	15 6	2 20	3 47	0 35	22 56	0 35	2 1	10 34	3 30	3 35	8 2			n.a.
F 16	22 52	22 2	3 28	22 8	1 39	21 55	0 12	15 42	0 4	13 6	0 45	15 5	2 19	3 47	0 35	22 56	0 35	2 2	10 34	3 33	3 36	8 6			n.a.
S 17	22 59	17 24	2 35	21 48	1 58	22 10	0 14	15 56	0 3	13 4	0 45	15 3	2 19	3 48	0 35	22 56	0 35	2 2	10 34	3 35	3 38	8 9			n.a.
S 18	23 6	12 10	1 36	21 28	2 16	22 24	0 16	16 11	0 3	13 3	0 44	15 2	2 19	3 49	0 35	22 55	0 35	2 3	10 34	3 36	3 39	8 12			n.a.
M19	23 12	6 37	0 33	21 8	2 33	22 38	0 19	16 25	0 2	13 2	0 44	15 0	2 19	3 50	0 35	22 55	0 35	2 3	10 34	3 36	3 40	8 16			n.a.
T 20	23 18	0 54	0s30	20 49	2 49	22 51	0 21	16 39	0 1	13 0	0 44	14 58	2 19	3 51	0 35	22 55	0 35	2 4	10 34	3 36	3 41	8 19			n.a.
W21	23 23	4s47	1 31	20 31	3 3	23 4	0 23	16 53	0 0	12 59	0 44	14 57	2 18	3 51	0 35	22 55	0 35	2 4	10 35	3 36	3 43	8 22			n.a.
T 22	23 28	10 19	2 28	20 14	3 15	23 16	0 25	17 7	0s 0	12 58	0 43	14 55	2 18	3 52	0 35	22 55	0 35	2 4	10 35	3 37	3 44	8 26			n.a.
F 23	23 32	15 30	3 19	19 58	3 25	23 27	0 28	17 20	0 1	12 57	0 43	14 53	2 18	3 53	0 35	22 55	0 35	2 5	10 35	3 39	3 45	8 29			n.a.
S 24	23 36	20 11	4 1	19 45	3 32	23 37	0 30	17 34	0 2	12 56	0 43	14 51	2 18	3 54	0 36	22 55	0 35	2 5	10 35	3 43	3 46	8 33			n.a.
S 25	23 40	24 5	4 34	19 33	3 37	23 47	0 32	17 47	0 3	12 55	0 43	14 50	2 18	3 54	0 36	22 55	0 35	2 6	10 35	3 47	3 48	8 36			n.a.
M26	23 43	26 58	4 54	19 24	3 40	23 56	0 34	18 0	0 3	12 54	0 42	14 48	2 17	3 55	0 36	22 55	0 35	2 6	10 35	3 52	3 49	8 39			n.a.
T 27	23 45	28 33	5 0	19 17	3 40	24 4	0 36	18 13	0 4	12 54	0 42	14 46	2 17	3 56	0 36	22 55	0 35	2 6	10 36	3 58	3 50	8 43			n.a.
W28	23 47	28 36	4 50	19 12	3 38	24 12	0 39	18 26	0 5	12 53	0 42	14 44	2 17	3 56	0 36	22 54	0 35	2 7	10 36	4 3	3 52	8 46			n.a.
T 29	23 49	27 3	4 26	19 10	3 35	24 18	0 41	18 39	0 6	12 52	0 42	14 42	2 17	3 57	0 36	22 54	0 35	2 7	10 36	4 8	3 53	8 49			n.a.
F 30	23 50	23 58	3 46	19 11	3 30	24 24	0 43	18 51	0 6	12 52	0 41	14 40	2 17	3 57	0 36	22 54	0 35	2 7	10 36	4 12	3 54	8 53			n.a.
S 31	23s50	19s32	2s53	19s13	3n23	24s30	0s45	19s 3	0s 7	12n51	0s41	14s38	2s17	3s58	0n36	22n54	0s35	2s 8	10n36	4s15	3s55	8s56			n.a.

Julian Day Number = 1277978.5, Delta T = 08h10m52s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'57, Lahiri = -20°42'57 Julian Calendar 1 Dec. 1215 BCE == Greg. Calendar 20 Nov. 1215 BCE

The year -1214 astronomical counting style corresponds to year 1215 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1214 BCE
geocentric

JANUARY 1214 BCE (-1213) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 55 45	0♉18'04	28♒ 5	11°R27	26♐20	24♏10	5°R14	27♒42	11♎15	20°R22	1♏10	19°R22	20♓12	17♎ 8	n.a.	S 1
M 2	5 59 41	1°18'48	11♓52	11♐15	27°35	24°55	5♉12	27°48	11°16	20♊20	1°11	19♓21	20° 9	17°14	n.a.	M 2
T 3	6 3 38	2°19'31	25°47	11°D11	28°50	25°40	5°11	27°53	11°17	20°18	1°13	19°21	20° 6	17°21	n.a.	T 3
W 4	6 7 34	3°20'12	9♈50	11°14	0♉ 5	26°25	5° 9	27°59	11°18	20°17	1°14	19°21	20° 3	17°28	n.a.	W 4
T 5	6 11 31	4°20'51	24° 1	11°24	1°20	27°11	5° 8	28° 4	11°20	20°15	1°15	19°19	19°59	17°34	n.a.	T 5
F 6	6 15 27	5°21'28	8♉17	11°41	2°35	27°56	5° 7	28°10	11°21	20°14	1°17	19°16	19°56	17°41	n.a.	F 6
S 7	6 19 24	6°22'03	22°36	12° 3	3°50	28°41	5° 6	28°15	11°22	20°12	1°18	19° 9	19°53	17°48	n.a.	S 7
S 8	6 23 21	7°22'36	6♊55	12°31	5° 5	29°26	5° 5	28°21	11°23	20°10	1°19	19° 0	19°50	17°54	n.a.	S 8
M 9	6 27 17	8°23'07	21° 7	13° 3	6°20	0♐11	5° 5	28°27	11°24	20° 9	1°20	18°49	19°47	18° 1	n.a.	M 9
T 10	6 31 14	9°23'37	5♋ 8	13°41	7°35	0°57	5° 5	28°33	11°25	20° 7	1°22	18°38	19°44	18° 8	n.a.	T 10
W11	6 35 10	10°24'05	18°53	14°23	8°50	1°42	5°D 5	28°39	11°26	20° 6	1°23	18°27	19°40	18°14	n.a.	W11
T 12	6 39 7	11°24'31	2♌18	15° 8	10° 5	2°27	5° 5	28°45	11°27	20° 4	1°24	18°17	19°37	18°21	n.a.	T 12
F 13	6 43 3	12°24'55	15°21	15°57	11°20	3°13	5° 5	28°51	11°27	20° 3	1°25	18°10	19°34	18°28	n.a.	F 13
S 14	6 47 0	13°25'17	28° 3	16°50	12°35	3°58	5° 6	28°57	11°28	20° 1	1°26	18° 6	19°31	18°34	n.a.	S 14
S 15	6 50 57	14°25'38	10♍25	17°46	13°50	4°43	5° 6	29° 4	11°29	19°59	1°27	18° 4	19°28	18°41	n.a.	S 15
M16	6 54 53	15°25'57	22°32	18°44	15° 5	5°29	5° 7	29°10	11°29	19°58	1°28	18°D 3	19°25	18°48	n.a.	M16
T 17	6 58 50	16°26'15	4♎28	19°46	16°20	6°14	5° 8	29°16	11°30	19°56	1°29	18° 4	19°21	18°54	n.a.	T 17
W18	7 2 46	17°26'31	16°17	20°50	17°35	7° 0	5°10	29°23	11°30	19°55	1°30	18°R 5	19°18	19° 1	n.a.	W18
T 19	7 6 43	18°26'45	28° 6	21°56	18°49	7°45	5°11	29°29	11°31	19°54	1°31	18° 4	19°15	19° 8	n.a.	T 19
F 20	7 10 39	19°26'57	10♏ 1	23° 4	20° 4	8°31	5°13	29°35	11°31	19°52	1°32	18° 2	19°12	19°14	n.a.	F 20
S 21	7 14 36	20°27'08	22° 4	24°14	21°19	9°16	5°15	29°42	11°31	19°51	1°32	17°57	19° 9	19°21	n.a.	S 21
S 22	7 18 32	21°27'17	4♐22	25°27	22°34	10° 2	5°17	29°49	11°32	19°49	1°33	17°50	19° 5	19°28	n.a.	S 22
M23	7 22 29	22°27'25	16°57	26°41	23°49	10°47	5°19	29°55	11°32	19°48	1°34	17°41	19° 2	19°34	n.a.	M23
T 24	7 26 26	23°27'30	29°51	27°56	25° 3	11°33	5°22	0♓ 2	11°32	19°47	1°35	17°31	18°59	19°41	n.a.	T 24
W25	7 30 22	24°27'34	13♉ 3	29°14	26°18	12°18	5°24	0° 9	11°32	19°45	1°35	17°22	18°56	19°48	n.a.	W25
T 26	7 34 19	25°27'36	26°34	0♉33	27°33	13° 4	5°27	0°16	11°32	19°44	1°36	17°13	18°53	19°54	n.a.	T 26
F 27	7 38 15	26°27'35	10♒19	1°54	28°48	13°50	5°30	0°22	11°R32	19°43	1°37	17° 6	18°50	20° 1	n.a.	F 27
S 28	7 42 12	27°27'32	24°16	3°16	0♒ 2	14°35	5°34	0°29	11°32	19°41	1°37	17° 1	18°46	20° 8	n.a.	S 28
S 29	7 46 8	28°27'27	8♓20	4°39	1°17	15°21	5°37	0°36	11°32	19°40	1°38	16°59	18°43	20°14	n.a.	S 29
M30	7 50 5	29°27'20	22°29	6° 4	2°32	16° 7	5°41	0°43	11°32	19°39	1°38	16°D59	18°40	20°21	n.a.	M30
T 31	7 54 1	0♒27'10	6♈40	7♉30	3♒46	16♐52	5♉44	0♓50	11♎32	19♊38	1♏39	17♓ 0	18♓37	20♎28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s50	14s 3	1s50	19s18	3n16	24s34	0s47	19s16	0s 8	12n51	0s41	14s36	2s16	3s58	0n36	22n54	0s35	2s 8	10n37	4s17	3s57	8s59			n.a.
M 2	23 50	7 50	0 39	19 25	3 7	24 38	0 49	19 28	0 9	12 50	0 41	14 34	2 16	3 59	0 36	22 54	0 35	2 8	10 37	4 17	3 58	9 3			n.a.
T 3	23 49	1 11	0n34	19 33	2 58	24 41	0 50	19 39	0 10	12 50	0 40	14 32	2 16	3 59	0 36	22 54	0 35	2 8	10 37	4 17	3 59	9 6			n.a.
W 4	23 48	5n35	1 46	19 44	2 48	24 43	0 52	19 51	0 10	12 50	0 40	14 30	2 16	4 0	0 36	22 54	0 35	2 9	10 37	4 17	4 0	9 9			n.a.
T 5	23 46	12 8	2 53	19 55	2 38	24 44	0 54	20 2	0 11	12 49	0 40	14 28	2 16	4 0	0 36	22 54	0 35	2 9	10 38	4 18	4 2	9 13			n.a.
F 6	23 44	18 6	3 48	20 8	2 27	24 45	0 56	20 13	0 12	12 49	0 40	14 26	2 16	4 1	0 36	22 53	0 35	2 9	10 38	4 19	4 3	9 16			n.a.
S 7	23 41	23 5	4 30	20 22	2 16	24 45	0 58	20 24	0 13	12 49	0 39	14 23	2 15	4 1	0 36	22 53	0 35	2 9	10 38	4 22	4 4	9 19			n.a.
S 8	23 38	26 40	4 55	20 36	2 6	24 44	0 59	20 35	0 14	12 49	0 39	14 21	2 15	4 2	0 36	22 53	0 35	2 10	10 38	4 25	4 5	9 22			n.a.
M 9	23 34	28 33	5 1	20 51	1 55	24 42	1 1	20 46	0 14	12 49	0 39	14 19	2 15	4 2	0 36	22 53	0 35	2 10	10 38	4 30	4 7	9 26			n.a.
T 10	23 30	28 34	4 49	21 7	1 43	24 40	1 3	20 56	0 15	12 50	0 39	14 17	2 15	4 2	0 36	22 53	0 35	2 10	10 39	4 34	4 8	9 29			n.a.
W11	23 26	26 47	4 21	21 23	1 33	24 37	1 4	21 6	0 16	12 50	0 38	14 14	2 15	4 3	0 36	22 53	0 35	2 10	10 39	4 39	4 9	9 32			n.a.
T 12	23 20	23 31	3 38	21 39	1 22	24 33	1 6	21 16	0 17	12 50	0 38	14 12	2 15	4 3	0 36	22 53	0 35	2 10	10 39	4 42	4 11	9 36			n.a.
F 13	23 15	19 7	2 45	21 55	1 11	24 28	1 7	21 26	0 18	12 50	0 38	14 10	2 15	4 3	0 36	22 53	0 35	2 10	10 39	4 45	4 12	9 39			n.a.
S 14	23 9	13 59	1 45	22 11	1 0	24 22	1 9	21 36	0 18	12 51	0 38	14 8	2 14	4 3	0 36	22 53	0 35	2 10	10 40	4 47	4 13	9 42			n.a.
S 15	23 3	8 25	0 41	22 27	0 50	24 16	1 10	21 45	0 19	12 51	0 37	14 5	2 14	4 4	0 36	22 53	0 35	2 11	10 40	4 48	4 14	9 46			n.a.
M16	22 56	2 39	0s24	22 42	0 39	24 9	1 11	21 54	0 20	12 52	0 37	14 3	2 14	4 4	0 36	22 52	0 35	2 11	10 40	4 48	4 16	9 49			n.a.
T 17	22 49	3s 7	1 27	22 57	0 29	24 1	1 13	22 3	0 21	12 52	0 37	14 0	2 14	4 4	0 36	22 52	0 35	2 11	10 40	4 48	4 17	9 52			n.a.
W18	22 41	8 44	2 25	23 12	0 20	23 53	1 14	22 12	0 22	12 53	0 37	13 58	2 14	4 4	0 36	22 52	0 35	2 11	10 41	4 47	4 18	9 56			n.a.
T 19	22 33	14 2	3 17	23 25	0 10	23 44	1 15	22 20	0 22	12 54	0 36	13 56	2 14	4 4	0 36	22 52	0 35	2 11	10 41	4 48	4 19	9 59			n.a.
F 20	22 24	18 52	4 1	23 39	0 1	23 34	1 16	22 29	0 23	12 55	0 36	13 53	2 14	4 5	0 36	22 52	0 35	2 11	10 41	4 49	4 21	10 2			n.a.
S 21	22 15	23 1	4 35	23 51	0s 8	23 23	1 17	22 37	0 24	12 56	0 36	13 51	2 14	4 5	0 36	22 52	0 35	2 11	10 41	4 50	4 22	10 5			n.a.
S 22	22 6	26 14	4 57	24 3	0 17	23 12	1 18	22 44	0 25	12 56	0 36	13 48	2 13	4 5	0 36	22 52	0 35	2 11	10 42	4 53	4 23	10 9			n.a.
M23	21 56	28 15	5 5	24 14	0 26	23 0	1 19	22 52	0 26	12 57	0 35	13 46	2 13	4 5	0 36	22 52	0 35	2 11	10 42	4 57	4 24	10 12			n.a.
T 24	21 46	28 49	4 58	24 24	0 34	22 47	1 20	22 59	0 27	12 59	0 35	13 43	2 13	4 5	0 36	22 52	0 35	2 11	10 42	5 1	4 26	10 15			n.a.
W25	21 35	27 45	4 36	24 32	0 42	22 34	1 21	23 6	0 27	13 0	0 35	13 41	2 13	4 5	0 36	22 52	0 35	2 11	10 43	5 4	4 27	10 18			n.a.
T 26	21 24	25 4	3 57	24 40	0 50	22 20	1 21	23 13	0 28	13 1	0 35	13 38	2 13	4 5	0 36	22 52	0 35	2 11	10 43	5 8	4 28	10 22			n.a.
F 27	21 13	20 54	3 4	24 47	0 57	22 5	1 22	23 20	0 29	13 2	0 34	13 36	2 13	4 5	0 36	22 52	0 35	2 11	10 43	5 11	4 30	10 25			n.a.
S 28	21 1	15 32	1 59	24 52	1 4	21 50	1 23	23 26	0 30	13 3	0 34	13 33	2 13	4 5	0 36	22 51	0 35	2 11	10 43	5 13	4 31	10 28			n.a.
S 29	20 49	9 18	0 46	24 56	1 11	21 34	1 23	23 32	0 31	13 5	0 34	13 30	2 13	4 5	0 36	22 51	0 35	2 11	10 44	5 13	4 32	10 32			n.a.
M30	20 36	2 34	0n30	24 59	1 17	21 17	1 24	23 38	0 32	13 6	0 34	13 28	2 13	4 5	0 36	22 51	0 35	2 11	10 44	5 13	4 33	10 35			n.a.
T 31	20s24	4n17	1n44	25s 0	1s23	21s 0	1s24	23s43	0s33	13n 8	0s34	13s25	2s13	4s 5	0n37	22n51	0s35	2s11	10n44	5s13	4s35	10s38			n.a.

Julian Day Number = 1278009.5, Delta T = 08h10m50s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'53, Lahiri = -20°42'52 Julian Calendar 1 Jan. 1214 BCE == Greg. Calendar 21 Dec. 1215 BCE

The year -1213 astronomical counting style corresponds to year 1214 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1214 BCE
geocentric

FEBRUARY 1214 BCE (-1213) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 57 58	1♒26'58	20♈51	8♉58	5♒ 1	17♐38	5♉48	0♓57	11°R31	19°R37	1♏39	17♓ 1	18♓34	20♎34	n.a.	W 1
T 2	8 1 54	2°26'44	4♉59	10°27	6°16	18°24	5°52	1° 5	11♎31	19♊35	1°40	17°R 1	18°31	20°41	n.a.	T 2
F 3	8 5 51	3°26'27	19° 4	11°57	7°30	19° 9	5°57	1°12	11°31	19°34	1°40	17° 0	18°27	20°48	n.a.	F 3
S 4	8 9 48	4°26'07	3♊ 4	13°28	8°45	19°55	6° 1	1°19	11°30	19°33	1°40	16°57	18°24	20°54	n.a.	S 4
S 5	8 13 44	5°25'46	16°58	15° 1	9°59	20°41	6° 6	1°26	11°30	19°32	1°41	16°52	18°21	21° 1	n.a.	S 5
M 6	8 17 41	6°25'22	0♋42	16°35	11°14	21°27	6°11	1°33	11°29	19°31	1°41	16°46	18°18	21° 8	n.a.	M 6
T 7	8 21 37	7°24'55	14°15	18°10	12°29	22°12	6°16	1°41	11°29	19°30	1°41	16°39	18°15	21°14	n.a.	T 7
W 8	8 25 34	8°24'27	27°35	19°46	13°43	22°58	6°21	1°48	11°28	19°29	1°41	16°33	18°11	21°21	n.a.	W 8
T 9	8 29 30	9°23'56	10♌39	21°24	14°58	23°44	6°26	1°55	11°27	19°28	1°42	16°27	18° 8	21°28	n.a.	T 9
F 10	8 33 27	10°23'23	23°27	23° 3	16°12	24°30	6°32	2° 3	11°27	19°27	1°42	16°23	18° 5	21°34	n.a.	F 10
S 11	8 37 23	11°22'47	5♍59	24°43	17°26	25°15	6°38	2°10	11°26	19°26	1°42	16°21	18° 2	21°41	n.a.	S 11
S 12	8 41 20	12°22'10	18°16	26°25	18°41	26° 1	6°43	2°17	11°25	19°25	1°42	16°D21	17°59	21°48	n.a.	S 12
M13	8 45 17	13°21'30	0♎21	28° 7	19°55	26°47	6°49	2°25	11°24	19°24	1°42	16°22	17°56	21°54	n.a.	M13
T 14	8 49 13	14°20'49	12°17	29°51	21°10	27°33	6°55	2°32	11°23	19°24	1°R42	16°23	17°52	22° 1	n.a.	T 14
W15	8 53 10	15°20'05	24° 7	1♒37	22°24	28°19	7° 2	2°40	11°22	19°23	1°42	16°25	17°49	22° 8	n.a.	W15
T 16	8 57 6	16°19'20	5♏57	3°24	23°38	29° 5	7° 8	2°47	11°21	19°22	1°42	16°26	17°46	22°14	n.a.	T 16
F 17	9 1 3	17°18'32	17°52	5°12	24°53	29°50	7°15	2°55	11°20	19°21	1°42	16°R27	17°43	22°21	n.a.	F 17
S 18	9 4 59	18°17'43	29°56	7° 1	26° 7	0♑36	7°22	3° 3	11°19	19°20	1°42	16°26	17°40	22°28	n.a.	S 18
S 19	9 8 56	19°16'52	12♐14	8°52	27°21	1°22	7°28	3°10	11°18	19°20	1°41	16°24	17°37	22°34	n.a.	S 19
M20	9 12 52	20°15'59	24°51	10°44	28°36	2° 8	7°35	3°18	11°17	19°19	1°41	16°21	17°33	22°41	n.a.	M20
T 21	9 16 49	21°15'04	7♑49	12°37	29°50	2°54	7°43	3°25	11°15	19°19	1°41	16°18	17°30	22°48	n.a.	T 21
W22	9 20 46	22°14'08	21° 9	14°32	1♓ 4	3°40	7°50	3°33	11°14	19°18	1°41	16°14	17°27	22°54	n.a.	W22
T 23	9 24 42	23°13'09	4♒53	16°28	2°18	4°25	7°57	3°41	11°13	19°17	1°40	16°10	17°24	23° 1	n.a.	T 23
F 24	9 28 39	24°12'08	18°56	18°26	3°33	5°11	8° 5	3°48	11°11	19°17	1°40	16° 8	17°21	23° 8	n.a.	F 24
S 25	9 32 35	25°11'05	3♓16	20°25	4°47	5°57	8°13	3°56	11°10	19°16	1°40	16° 6	17°17	23°14	n.a.	S 25
S 26	9 36 32	26° 9'59	17°47	22°25	6° 1	6°43	8°21	4° 4	11° 8	19°16	1°39	16°D 6	17°14	23°21	n.a.	S 26
M27	9 40 28	27° 8'51	2♈24	24°26	7°15	7°29	8°29	4°11	11° 7	19°15	1°39	16° 6	17°11	23°28	n.a.	M27
T 28	9 44 25	28♒ 7'41	16♈59	26♒28	8♓29	8♑15	8♉37	4♓19	11♎ 5	19♊15	1♏39	16♓ 8	17♓ 8	23♎34	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s10	10n56	2n53	25s 0	1s29	20s42	1s25	23s49	0s33	13n 9	0s33	13s23	2s13	4s 4	0n37	22n51	0s35	2s10	10n44	5s13	4s36	10s41		n.a.
T 2	19 57	17 0	3 50	24 59	1 34	20 23	1 25	23 54	0 34	13 11	0 33	13 20	2 12	4 4	0 37	22 51	0 35	2 10	10 45	5 13	4 37	10 45		n.a.
F 3	19 43	22 9	4 33	24 56	1 39	20 4	1 25	23 58	0 35	13 13	0 33	13 17	2 12	4 4	0 37	22 51	0 34	2 10	10 45	5 13	4 38	10 48		n.a.
S 4	19 28	26 2	5 0	24 52	1 44	19 45	1 25	24 3	0 36	13 14	0 33	13 15	2 12	4 4	0 37	22 51	0 34	2 10	10 45	5 14	4 40	10 51		n.a.
S 5	19 14	28 19	5 9	24 46	1 48	19 25	1 25	24 7	0 37	13 16	0 32	13 12	2 12	4 4	0 37	22 51	0 34	2 10	10 45	5 16	4 41	10 54		n.a.
M 6	18 59	28 51	5 0	24 38	1 52	19 4	1 25	24 11	0 38	13 18	0 32	13 9	2 12	4 3	0 37	22 51	0 34	2 10	10 46	5 19	4 42	10 58		n.a.
T 7	18 44	27 37	4 34	24 29	1 55	18 43	1 25	24 15	0 38	13 20	0 32	13 6	2 12	4 3	0 37	22 51	0 34	2 10	10 46	5 21	4 43	11 1		n.a.
W 8	18 28	24 49	3 54	24 18	1 58	18 21	1 25	24 18	0 39	13 22	0 32	13 4	2 12	4 3	0 37	22 51	0 34	2 9	10 46	5 24	4 45	11 4		n.a.
T 9	18 12	20 46	3 2	24 6	2 1	17 59	1 25	24 22	0 40	13 24	0 32	13 1	2 12	4 3	0 37	22 51	0 34	2 9	10 47	5 26	4 46	11 7		n.a.
F 10	17 56	15 50	2 2	23 51	2 3	17 36	1 25	24 24	0 41	13 26	0 31	12 58	2 12	4 2	0 37	22 51	0 34	2 9	10 47	5 27	4 47	11 11		n.a.
S 11	17 39	10 20	0 56	23 35	2 5	17 13	1 25	24 27	0 42	13 28	0 31	12 55	2 12	4 2	0 37	22 51	0 34	2 9	10 47	5 28	4 48	11 14		n.a.
S 12	17 23	4 33	0s11	23 17	2 6	16 49	1 25	24 30	0 43	13 30	0 31	12 53	2 12	4 2	0 37	22 51	0 34	2 9	10 47	5 29	4 50	11 17		n.a.
M13	17 5	1s18	1 16	22 58	2 7	16 25	1 24	24 32	0 44	13 32	0 31	12 50	2 12	4 1	0 37	22 51	0 34	2 8	10 48	5 28	4 51	11 20		n.a.
T 14	16 48	7 2	2 17	22 36	2 8	16 0	1 24	24 34	0 44	13 35	0 30	12 47	2 12	4 1	0 37	22 51	0 34	2 8	10 48	5 28	4 52	11 23		n.a.
W15	16 30	12 29	3 12	22 12	2 8	15 35	1 23	24 35	0 45	13 37	0 30	12 44	2 12	4 0	0 37	22 50	0 34	2 8	10 48	5 27	4 54	11 27		n.a.
T 16	16 13	17 28	3 59	21 47	2 7	15 10	1 23	24 36	0 46	13 39	0 30	12 42	2 12	4 0	0 37	22 50	0 34	2 8	10 48	5 26	4 55	11 30		n.a.
F 17	15 54	21 51	4 36	21 19	2 6	14 44	1 22	24 38	0 47	13 42	0 30	12 39	2 12	4 0	0 37	22 50	0 34	2 7	10 49	5 26	4 56	11 33		n.a.
S 18	15 36	25 22	5 1	20 50	2 5	14 18	1 21	24 38	0 48	13 44	0 30	12 36	2 12	3 59	0 37	22 50	0 34	2 7	10 49	5 26	4 57	11 36		n.a.
S 19	15 17	27 48	5 13	20 19	2 3	13 51	1 21	24 39	0 49	13 46	0 29	12 33	2 12	3 59	0 37	22 50	0 34	2 7	10 49	5 27	4 59	11 40		n.a.
M20	14 58	28 54	5 10	19 45	2 0	13 24	1 20	24 39	0 50	13 49	0 29	12 30	2 12	3 58	0 37	22 50	0 34	2 6	10 49	5 28	5 0	11 43		n.a.
T 21	14 39	28 28	4 52	19 10	1 57	12 57	1 19	24 39	0 50	13 52	0 29	12 27	2 12	3 58	0 37	22 50	0 34	2 6	10 50	5 30	5 1	11 46		n.a.
W22	14 20	26 23	4 18	18 33	1 53	12 29	1 18	24 39	0 51	13 54	0 29	12 25	2 12	3 57	0 37	22 50	0 34	2 6	10 50	5 31	5 2	11 49		n.a.
T 23	14 0	22 43	3 28	17 54	1 49	12 1	1 17	24 38	0 52	13 57	0 29	12 22	2 12	3 56	0 37	22 50	0 34	2 5	10 50	5 33	5 4	11 52		n.a.
F 24	13 41	17 41	2 24	17 13	1 44	11 33	1 16	24 37	0 53	13 59	0 28	12 19	2 12	3 56	0 37	22 50	0 34	2 5	10 50	5 34	5 5	11 56		n.a.
S 25	13 21	11 34	1 10	16 29	1 39	11 4	1 15	24 36	0 54	14 2	0 28	12 16	2 12	3 55	0 37	22 50	0 34	2 5	10 51	5 34	5 6	11 59		n.a.
S 26	13 0	4 46	0n 9	15 44	1 33	10 36	1 14	24 35	0 55	14 5	0 28	12 13	2 12	3 55	0 37	22 50	0 34	2 4	10 51	5 34	5 7	12 2		n.a.
M27	12 40	2n19	1 29	14 58	1 27	10 6	1 12	24 33	0 56	14 8	0 28	12 10	2 12	3 54	0 37	22 50	0 34	2 4	10 51	5 34	5 9	12 5		n.a.
T 28	12s19	9n16	2n42	14s 9	1s20	9s37	1s11	24s31	0s56	14n11	0s28	12s 7	2s12	3s53	0n37	22n50	0s34	2s 4	10n51	5s34	5s10	12s 8		n.a.

Julian Day Number = 1278040.5, Delta T = 08h10m49s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'49, Lahiri = -20°42'48 Julian Calendar 1 Feb. 1214 BCE == Greg. Calendar 21 Jan. 1214 BCE

The year -1213 astronomical counting style corresponds to year 1214 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1214 BCE
geocentric

MARCH 1214 BCE (-1213) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 48 21	29♒ 6'29	1♉29	28♒31	9♓43	9♋ 0	8♉45	4♓27	11°R 4	19°R15	1°R38	16♓ 9	17♓ 5	23♎41	n.a.	W 1
T 2	9 52 18	0♓ 5'14	15°49	0♓35	10°58	9°46	8°53	4°35	11♎ 2	19♊14	1♏38	16°10	17° 2	23°48	n.a.	T 2
F 3	9 56 14	1° 3'57	29°56	2°40	12°12	10°32	9° 2	4°42	11° 0	19°14	1°37	16°R10	16°58	23°54	n.a.	F 3
S 4	10 0 11	2° 2'37	13♊50	4°46	13°26	11°18	9°11	4°50	10°59	19°14	1°36	16°10	16°55	24° 1	n.a.	S 4
S 5	10 4 8	3° 1'15	27°28	6°52	14°40	12° 4	9°19	4°58	10°57	19°14	1°36	16° 9	16°52	24° 8	n.a.	S 5
M 6	10 8 4	3°59'51	10♋52	8°58	15°54	12°49	9°28	5° 6	10°55	19°13	1°35	16° 8	16°49	24°15	n.a.	M 6
T 7	10 12 1	4°58'25	24° 2	11° 3	17° 8	13°35	9°37	5°13	10°53	19°13	1°35	16° 6	16°46	24°21	n.a.	T 7
W 8	10 15 57	5°56'56	6♌57	13° 9	18°21	14°21	9°46	5°21	10°51	19°13	1°34	16° 5	16°43	24°28	n.a.	W 8
T 9	10 19 54	6°55'25	19°39	15°14	19°35	15° 6	9°56	5°29	10°49	19°13	1°33	16° 4	16°39	24°35	n.a.	T 9
F 10	10 23 50	7°53'52	2♍ 8	17°18	20°49	15°52	10° 5	5°37	10°47	19°13	1°32	16° 3	16°36	24°41	n.a.	F 10
S 11	10 27 47	8°52'16	14°26	19°20	22° 3	16°38	10°14	5°44	10°45	19°13	1°32	16°D 3	16°33	24°48	n.a.	S 11
S 12	10 31 43	9°50'39	26°33	21°21	23°17	17°24	10°24	5°52	10°43	19°D13	1°31	16° 3	16°30	24°55	n.a.	S 12
M13	10 35 40	10°49'00	8♎32	23°19	24°31	18° 9	10°34	6° 0	10°41	19°13	1°30	16° 3	16°27	25° 1	n.a.	M13
T 14	10 39 36	11°47'19	20°26	25°16	25°45	18°55	10°43	6° 8	10°39	19°13	1°29	16° 4	16°23	25° 8	n.a.	T 14
W15	10 43 33	12°45'36	2♏16	27°10	26°58	19°41	10°53	6°15	10°37	19°13	1°28	16° 4	16°20	25°15	n.a.	W15
T 16	10 47 30	13°43'51	14° 6	29° 1	28°12	20°26	11° 3	6°23	10°35	19°13	1°27	16° 4	16°17	25°21	n.a.	T 16
F 17	10 51 26	14°42'05	26° 1	0♈48	29°26	21°12	11°13	6°31	10°33	19°13	1°26	16° 4	16°14	25°28	n.a.	F 17
S 18	10 55 23	15°40'17	8♐ 5	2°33	0♈39	21°57	11°23	6°38	10°31	19°13	1°25	16° 5	16°11	25°35	n.a.	S 18
S 19	10 59 19	16°38'28	20°21	4°13	1°53	22°43	11°34	6°46	10°29	19°14	1°24	16° 5	16° 8	25°41	n.a.	S 19
M20	11 3 16	17°36'37	2♋55	5°50	3° 7	23°29	11°44	6°54	10°26	19°14	1°23	16° 5	16° 4	25°48	n.a.	M20
T 21	11 7 12	18°34'44	15°50	7°24	4°20	24°14	11°55	7° 1	10°24	19°14	1°22	16° 5	16° 1	25°55	n.a.	T 21
W22	11 11 9	19°32'50	29°10	8°53	5°34	25° 0	12° 5	7° 9	10°22	19°14	1°21	16° 5	15°58	26° 1	n.a.	W22
T 23	11 15 5	20°30'54	12♒55	10°17	6°48	25°45	12°16	7°17	10°20	19°15	1°20	16° 5	15°55	26° 8	n.a.	T 23
F 24	11 19 2	21°28'57	27° 5	11°38	8° 1	26°31	12°26	7°24	10°17	19°15	1°19	16° 6	15°52	26°15	n.a.	F 24
S 25	11 22 59	22°26'58	11♓37	12°54	9°15	27°16	12°37	7°32	10°15	19°16	1°18	16°R 6	15°48	26°21	n.a.	S 25
S 26	11 26 55	23°24'57	26°27	14° 6	10°28	28° 1	12°48	7°39	10°13	19°16	1°17	16° 6	15°45	26°28	n.a.	S 26
M27	11 30 52	24°22'54	11♈26	15°13	11°42	28°47	12°59	7°47	10°10	19°17	1°15	16° 6	15°42	26°35	n.a.	M27
T 28	11 34 48	25°20'50	26°25	16°15	12°55	29°32	13°10	7°55	10° 8	19°17	1°14	16° 5	15°39	26°41	n.a.	T 28
W29	11 38 45	26°18'43	11♉18	17°13	14° 9	0♒17	13°21	8° 2	10° 5	19°18	1°13	16° 4	15°36	26°48	n.a.	W29
T 30	11 42 41	27°16'35	25°57	18° 6	15°22	1° 3	13°33	8°10	10° 3	19°18	1°12	16° 2	15°33	26°55	n.a.	T 30
F 31	11 46 38	28♓14'26	10♊16	18♈55	16♈35	1♒48	13♉44	8♓17	10♎ 1	19♊19	1♏11	16♓ 1	15♓29	27♎ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11s59	15n42	3n45	13s19	1s12	9s 8	1s10	24s29	0s57	14n13	0s27	12s 5	2s12	3s53	0n37	22n50	0s34	2s 3	10n52	5s33	5s11	12s12			n.a.
T 2	11 38	21 12	4 33	12 27	1 4	8 38	1 8	24 26	0 58	14 16	0 27	12 2	2 12	3 52	0 37	22 50	0 34	2 3	10 52	5 33	5 12	12 15			n.a.
F 3	11 17	25 25	5 4	11 33	0 56	8 8	1 7	24 24	0 59	14 19	0 27	11 59	2 12	3 51	0 37	22 50	0 34	2 2	10 52	5 33	5 14	12 18			n.a.
S 4	10 55	28 4	5 16	10 39	0 47	7 37	1 5	24 21	1 0	14 22	0 27	11 56	2 12	3 51	0 37	22 50	0 34	2 2	10 52	5 33	5 15	12 21			n.a.
S 5	10 34	28 59	5 10	9 43	0 37	7 7	1 4	24 17	1 1	14 25	0 27	11 53	2 12	3 50	0 37	22 50	0 34	2 2	10 53	5 33	5 16	12 24			n.a.
M 6	10 12	28 10	4 47	8 46	0 27	6 36	1 2	24 14	1 1	14 28	0 26	11 50	2 12	3 49	0 37	22 50	0 34	2 1	10 53	5 34	5 17	12 27			n.a.
T 7	9 51	25 46	4 10	7 48	0 17	6 6	1 0	24 10	1 2	14 31	0 26	11 47	2 12	3 49	0 37	22 50	0 34	2 1	10 53	5 34	5 19	12 31			n.a.
W 8	9 29	22 4	3 20	6 49	0 6	5 35	0 59	24 6	1 3	14 34	0 26	11 44	2 12	3 48	0 37	22 50	0 34	2 0	10 53	5 35	5 20	12 34			n.a.
T 9	9 7	17 24	2 21	5 50	0n 5	5 4	0 57	24 2	1 4	14 38	0 26	11 41	2 12	3 47	0 37	22 50	0 33	2 0	10 54	5 35	5 21	12 37			n.a.
F 10	8 45	12 5	1 16	4 51	0 16	4 32	0 55	23 57	1 5	14 41	0 26	11 39	2 12	3 46	0 37	22 50	0 33	1 59	10 54	5 36	5 22	12 40			n.a.
S 11	8 23	6 22	0 9	3 52	0 28	4 1	0 53	23 52	1 6	14 44	0 26	11 36	2 12	3 45	0 37	22 50	0 33	1 59	10 54	5 36	5 24	12 43			n.a.
S 12	8 0	0 31	0s58	2 54	0 39	3 30	0 51	23 47	1 6	14 47	0 25	11 33	2 12	3 45	0 37	22 50	0 33	1 59	10 54	5 36	5 25	12 46			n.a.
M13	7 38	5s18	2 2	1 56	0 50	2 58	0 50	23 42	1 7	14 50	0 25	11 30	2 12	3 44	0 37	22 50	0 33	1 58	10 54	5 35	5 26	12 49			n.a.
T 14	7 15	10 52	2 59	0 58	1 2	2 27	0 48	23 36	1 8	14 54	0 25	11 27	2 12	3 43	0 37	22 50	0 33	1 58	10 55	5 35	5 27	12 53			n.a.
W15	6 53	16 2	3 49	0 2	1 13	1 55	0 45	23 30	1 9	14 57	0 25	11 24	2 12	3 42	0 37	22 51	0 33	1 57	10 55	5 35	5 29	12 56			n.a.
T 16	6 30	20 37	4 29	0n52	1 23	1 23	0 43	23 24	1 10	15 0	0 25	11 21	2 12	3 41	0 37	22 51	0 33	1 57	10 55	5 35	5 30	12 59			n.a.
F 17	6 7	24 24	4 58	1 45	1 34	0 52	0 41	23 18	1 11	15 4	0 25	11 19	2 12	3 40	0 37	22 51	0 33	1 56	10 55	5 35	5 31	13 2			n.a.
S 18	5 44	27 11	5 14	2 37	1 44	0 20	0 39	23 11	1 11	15 7	0 24	11 16	2 12	3 40	0 37	22 51	0 33	1 56	10 55	5 35	5 32	13 5			n.a.
S 19	5 22	28 45	5 16	3 26	1 54	0n12	0 37	23 5	1 12	15 10	0 24	11 13	2 12	3 39	0 37	22 51	0 33	1 55	10 55	5 35	5 34	13 8			n.a.
M20	4 59	28 52	5 4	4 14	2 3	0 44	0 35	22 58	1 13	15 14	0 24	11 10	2 12	3 38	0 37	22 51	0 33	1 55	10 56	5 35	5 35	13 11			n.a.
T 21	4 35	27 27	4 36	4 59	2 11	1 15	0 32	22 50	1 14	15 17	0 24	11 7	2 12	3 37	0 37	22 51	0 33	1 54	10 56	5 35	5 36	13 15			n.a.
W22	4 12	24 27	3 52	5 42	2 19	1 47	0 30	22 43	1 15	15 21	0 24	11 4	2 12	3 36	0 37	22 51	0 33	1 54	10 56	5 35	5 37	13 18			n.a.
T 23	3 49	20 0	2 54	6 22	2 26	2 19	0 28	22 35	1 15	15 24	0 24	11 1	2 12	3 35	0 37	22 51	0 33	1 53	10 56	5 35	5 39	13 21			n.a.
F 24	3 26	14 18	1 44	7 1	2 33	2 51	0 25	22 27	1 16	15 28	0 23	10 59	2 12	3 34	0 37	22 51	0 33	1 53	10 56	5 34	5 40	13 24			n.a.
S 25	3 3	7 42	0 25	7 36	2 38	3 22	0 23	22 19	1 17	15 31	0 23	10 56	2 13	3 33	0 37	22 51	0 33	1 52	10 56	5 34	5 41	13 27			n.a.
S 26	2 39	0 34	0n57	8 9	2 43	3 54	0 21	22 10	1 18	15 35	0 23	10 53	2 13	3 32	0 37	22 51	0 33	1 51	10 57	5 34	5 42	13 30			n.a.
M27	2 16	6n40	2 16	8 39	2 47	4 25	0 18	22 2	1 18	15 38	0 23	10 50	2 13	3 31	0 37	22 51	0 33	1 51	10 57	5 35	5 44	13 33			n.a.
T 28	1 53	13 33	3 25	9 6	2 50	4 57	0 16	21 53	1 19	15 42	0 23	10 47	2 13	3 30	0 37	22 51	0 33	1 50	10 57	5 35	5 45	13 36			n.a.
W29	1 29	19 35	4 20	9 31	2 52	5 28	0 13	21 44	1 20	15 45	0 23	10 45	2 13	3 29	0 37	22 51	0 33	1 50	10 57	5 35	5 46	13 39			n.a.
T 30	1 6	24 22	4 57	9 53	2 54	5 59	0 11	21 34	1 21	15 49	0 22	10 42	2 13	3 28	0 37	22 51	0 33	1 49	10 57	5 36	5 47	13 42			n.a.
F 31	0s43	27n33	5n15	10n12	2n54	6n30	0s 8	21s25	1s21	15n52	0s22	10s39	2s13	3s27	0n37	22n52	0s33	1s49	10n57	5s36	5s49	13s46			n.a.

Julian Day Number = 1278068.5, Delta T = 08h10m47s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'45, Lahiri = -20°42'44 Julian Calendar 1 March 1214 BCE == Greg. Calendar 18 Feb. 1214 BCE

The year -1213 astronomical counting style corresponds to year 1214 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1214 BCE
geocentric

APRIL 1214 BCE (-1213) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 50 34	29♓12'14	24♊14	19♈38	17♈49	2♒33	13♉55	8♓24	9°R58	19♊19	1°R 9	16°D 1	15♓26	27♎ 8	n.a.	S 1
S 2	11 54 31	0♈10'00	7♋49	20°17	19° 2	3°18	14° 7	8°32	9♎56	19°20	1♏ 8	16♓ 1	15°23	27°15	n.a.	S 2
M 3	11 58 27	1° 7'45	21° 3	20°50	20°15	4° 4	14°18	8°39	9°53	19°21	1° 7	16° 2	15°20	27°21	n.a.	M 3
T 4	12 2 24	2° 5'27	3♌57	21°19	21°29	4°49	14°30	8°47	9°51	19°22	1° 5	16° 3	15°17	27°28	n.a.	T 4
W 5	12 6 21	3° 3'08	16°36	21°42	22°42	5°34	14°41	8°54	9°48	19°22	1° 4	16° 4	15°14	27°35	n.a.	W 5
T 6	12 10 17	4° 0'47	29° 0	22° 1	23°55	6°19	14°53	9° 1	9°46	19°23	1° 3	16° 5	15°10	27°42	n.a.	T 6
F 7	12 14 14	4°58'25	11♍13	22°14	25° 8	7° 4	15° 5	9° 8	9°43	19°24	1° 1	16°R 6	15° 7	27°48	n.a.	F 7
S 8	12 18 10	5°56'00	23°18	22°23	26°21	7°49	15°17	9°16	9°41	19°25	1° 0	16° 6	15° 4	27°55	n.a.	S 8
S 9	12 22 7	6°53'35	5♎16	22°R26	27°35	8°34	15°29	9°23	9°38	19°26	0°58	16° 5	15° 1	28° 2	n.a.	S 9
M10	12 26 3	7°51'08	17° 9	22°25	28°48	9°18	15°41	9°30	9°36	19°27	0°57	16° 3	14°58	28° 8	n.a.	M10
T 11	12 30 0	8°48'40	29° 0	22°19	0♉ 1	10° 3	15°53	9°37	9°33	19°28	0°55	16° 0	14°54	28°15	n.a.	T 11
W12	12 33 56	9°46'10	10♏50	22° 9	1°14	10°48	16° 5	9°44	9°31	19°29	0°54	15°56	14°51	28°22	n.a.	W12
T 13	12 37 53	10°43'40	22°42	21°54	2°27	11°33	16°17	9°51	9°28	19°30	0°52	15°52	14°48	28°28	n.a.	T 13
F 14	12 41 50	11°41'08	4♐39	21°36	3°40	12°17	16°29	9°58	9°26	19°31	0°51	15°48	14°45	28°35	n.a.	F 14
S 15	12 45 46	12°38'35	16°44	21°14	4°53	13° 2	16°42	10° 5	9°23	19°32	0°49	15°45	14°42	28°42	n.a.	S 15
S 16	12 49 43	13°36'02	29° 0	20°48	6° 6	13°47	16°54	10°12	9°21	19°33	0°48	15°42	14°39	28°48	n.a.	S 16
M17	12 53 39	14°33'27	11♑31	20°20	7°18	14°31	17° 6	10°19	9°18	19°34	0°46	15°D42	14°35	28°55	n.a.	M17
T 18	12 57 36	15°30'52	24°22	19°50	8°31	15°16	17°19	10°26	9°16	19°35	0°45	15°42	14°32	29° 2	n.a.	T 18
W19	13 1 32	16°28'15	7♒35	19°18	9°44	16° 0	17°31	10°33	9°13	19°36	0°43	15°43	14°29	29° 8	n.a.	W19
T 20	13 5 29	17°25'38	21°14	18°45	10°57	16°45	17°44	10°40	9°11	19°38	0°42	15°44	14°26	29°15	n.a.	T 20
F 21	13 9 25	18°23'00	5♓20	18°11	12°10	17°29	17°56	10°46	9° 8	19°39	0°40	15°46	14°23	29°22	n.a.	F 21
S 22	13 13 22	19°20'21	19°51	17°37	13°23	18°13	18° 9	10°53	9° 6	19°40	0°39	15°R46	14°20	29°28	n.a.	S 22
S 23	13 17 19	20°17'42	4♈44	17° 4	14°35	18°58	18°22	11° 0	9° 3	19°41	0°37	15°45	14°16	29°35	n.a.	S 23
M24	13 21 15	21°15'01	19°53	16°32	15°48	19°42	18°34	11° 6	9° 1	19°43	0°35	15°42	14°13	29°42	n.a.	M24
T 25	13 25 12	22°12'20	5♉ 7	16° 1	17° 1	20°26	18°47	11°13	8°58	19°44	0°34	15°38	14°10	29°49	n.a.	T 25
W26	13 29 8	23° 9'37	20°17	15°33	18°13	21°10	19° 0	11°19	8°56	19°45	0°32	15°32	14° 7	29°55	n.a.	W26
T 27	13 33 5	24° 6'54	5♊12	15° 7	19°26	21°54	19°13	11°26	8°54	19°47	0°31	15°27	14° 4	0♏ 2	n.a.	T 27
F 28	13 37 1	25° 4'10	19°46	14°45	20°38	22°38	19°26	11°32	8°51	19°48	0°29	15°22	14° 0	0° 9	n.a.	F 28
S 29	13 40 58	26° 1'24	3♋53	14°26	21°51	23°22	19°39	11°38	8°49	19°50	0°28	15°19	13°57	0°15	n.a.	S 29
S 30	13 44 54	26♈58'38	17♋33	14♈10	23♉ 4	24♒ 6	19♉52	11♓45	8♎47	19♊51	0♏26	15♓17	13♓54	0♏22	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s19	28n56	5n13	10n28	2n53	7n 1	0s 6	21s15	1s22	15n56	0s22	10s36	2s13	3s26	0n37	22n52	0s33	1s48	10n57	5s36	5s50	13s49		n.a.
S 2	0n 4	28 30	4 54	10 41	2 51	7 32	0 3	21 5	1 23	16 0	0 22	10 34	2 13	3 25	0 37	22 52	0 33	1 48	10 57	5 36	5 51	13 52		n.a.
M 3	0 27	26 26	4 19	10 51	2 48	8 2	0 1	20 55	1 24	16 3	0 22	10 31	2 13	3 24	0 37	22 52	0 33	1 47	10 57	5 36	5 52	13 55		n.a.
T 4	0 51	23 1	3 32	10 59	2 44	8 32	0n 2	20 45	1 24	16 7	0 22	10 28	2 14	3 23	0 37	22 52	0 33	1 47	10 58	5 36	5 54	13 58		n.a.
W 5	1 14	18 36	2 36	11 3	2 39	9 3	0 5	20 34	1 25	16 10	0 22	10 26	2 14	3 22	0 37	22 52	0 33	1 46	10 58	5 35	5 55	14 1		n.a.
T 6	1 37	13 28	1 33	11 4	2 33	9 33	0 7	20 24	1 26	16 14	0 21	10 23	2 14	3 21	0 37	22 52	0 33	1 46	10 58	5 35	5 56	14 4		n.a.
F 7	2 0	7 53	0 27	11 3	2 26	10 2	0 10	20 13	1 27	16 18	0 21	10 20	2 14	3 21	0 37	22 52	0 33	1 45	10 58	5 34	5 57	14 7		n.a.
S 8	2 24	2 6	0s40	10 58	2 17	10 32	0 12	20 2	1 27	16 21	0 21	10 18	2 14	3 20	0 37	22 52	0 33	1 44	10 58	5 34	5 59	14 10		n.a.
S 9	2 47	3s42	1 44	10 51	2 8	11 1	0 15	19 50	1 28	16 25	0 21	10 15	2 14	3 19	0 37	22 52	0 33	1 44	10 58	5 35	6 0	14 13		n.a.
M10	3 10	9 21	2 43	10 40	1 57	11 30	0 18	19 39	1 29	16 29	0 21	10 12	2 14	3 18	0 37	22 52	0 32	1 43	10 58	5 36	6 1	14 16		n.a.
T 11	3 33	14 38	3 35	10 27	1 45	11 59	0 20	19 27	1 29	16 32	0 21	10 10	2 14	3 17	0 37	22 53	0 32	1 43	10 58	5 37	6 2	14 19		n.a.
W12	3 56	19 23	4 17	10 12	1 33	12 27	0 23	19 16	1 30	16 36	0 20	10 7	2 15	3 16	0 37	22 53	0 32	1 42	10 58	5 38	6 4	14 22		n.a.
T 13	4 19	23 24	4 48	9 54	1 19	12 55	0 25	19 4	1 31	16 40	0 20	10 4	2 15	3 15	0 37	22 53	0 32	1 42	10 58	5 40	6 5	14 25		n.a.
F 14	4 42	26 28	5 8	9 33	1 5	13 23	0 28	18 51	1 31	16 43	0 20	10 2	2 15	3 14	0 37	22 53	0 32	1 41	10 58	5 41	6 6	14 28		n.a.
S 15	5 5	28 22	5 13	9 11	0 49	13 51	0 31	18 39	1 32	16 47	0 20	9 59	2 15	3 13	0 37	22 53	0 32	1 41	10 58	5 43	6 7	14 31		n.a.
S 16	5 27	28 55	5 5	8 46	0 34	14 18	0 33	18 27	1 33	16 51	0 20	9 57	2 15	3 12	0 37	22 53	0 32	1 40	10 58	5 44	6 9	14 35		n.a.
M17	5 50	28 1	4 42	8 20	0 17	14 45	0 36	18 14	1 33	16 55	0 20	9 54	2 15	3 11	0 37	22 53	0 32	1 40	10 58	5 44	6 10	14 38		n.a.
T 18	6 12	25 37	4 5	7 53	0 1	15 11	0 38	18 1	1 34	16 58	0 20	9 52	2 15	3 10	0 37	22 53	0 32	1 39	10 58	5 44	6 11	14 41		n.a.
W19	6 35	21 48	3 14	7 25	0s16	15 37	0 41	17 49	1 35	17 2	0 20	9 49	2 16	3 9	0 37	22 53	0 32	1 39	10 58	5 43	6 12	14 44		n.a.
T 20	6 57	16 43	2 10	6 57	0 34	16 3	0 43	17 36	1 35	17 6	0 19	9 47	2 16	3 8	0 37	22 54	0 32	1 38	10 58	5 43	6 14	14 47		n.a.
F 21	7 19	10 35	0 57	6 28	0 51	16 28	0 46	17 22	1 36	17 9	0 19	9 44	2 16	3 7	0 37	22 54	0 32	1 37	10 58	5 42	6 15	14 50		n.a.
S 22	7 42	3 45	0n22	6 0	1 7	16 53	0 49	17 9	1 37	17 13	0 19	9 42	2 16	3 6	0 37	22 54	0 32	1 37	10 58	5 42	6 16	14 53		n.a.
S 23	8 4	3n28	1 42	5 31	1 24	17 18	0 51	16 56	1 37	17 17	0 19	9 39	2 16	3 5	0 37	22 54	0 32	1 36	10 58	5 43	6 17	14 56		n.a.
M24	8 25	10 36	2 55	5 4	1 40	17 42	0 53	16 42	1 38	17 20	0 19	9 37	2 16	3 4	0 37	22 54	0 32	1 36	10 58	5 44	6 19	14 59		n.a.
T 25	8 47	17 9	3 57	4 38	1 55	18 5	0 56	16 28	1 38	17 24	0 19	9 35	2 17	3 3	0 37	22 54	0 32	1 35	10 58	5 46	6 20	15 2		n.a.
W26	9 9	22 37	4 41	4 14	2 9	18 28	0 58	16 15	1 39	17 28	0 19	9 32	2 17	3 2	0 37	22 54	0 32	1 35	10 58	5 48	6 21	15 5		n.a.
T 27	9 30	26 32	5 5	3 52	2 23	18 51	1 1	16 1	1 40	17 31	0 18	9 30	2 17	3 1	0 37	22 55	0 32	1 34	10 58	5 50	6 22	15 8		n.a.
F 28	9 52	28 35	5 9	3 31	2 36	19 13	1 3	15 47	1 40	17 35	0 18	9 28	2 17	3 0	0 37	22 55	0 32	1 34	10 58	5 52	6 24	15 11		n.a.
S 29	10 13	28 41	4 54	3 13	2 47	19 35	1 5	15 32	1 41	17 39	0 18	9 25	2 17	2 59	0 37	22 55	0 32	1 33	10 58	5 53	6 25	15 14		n.a.
S 30	10n34	27n 1	4n23	2n57	2s58	19n56	1n 8	15s18	1s41	17n43	0s18	9s23	2s17	2s58	0n37	22n55	0s32	1s33	10n58	5s54	6s26	15s17		n.a.

Julian Day Number = 1278099.5, Delta T = 08h10m46s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'41, Lahiri = -20°42'40 Julian Calendar 1 Apr. 1214 BCE == Greg. Calendar 21 March 1214 BCE

The year -1213 astronomical counting style corresponds to year 1214 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1214 BCE
geocentric

MAY 1214 BCE (-1213) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 48 51	27♈55'50	0♌46	13°R59	24♉16	24♒49	20♉ 5	11♓51	8°R44	19♊53	0°R24	15°D16	13♓51	0♏29	n.a.	M 1
T 2	13 52 48	28°53'02	13°35	13♈51	25°28	25°33	20°18	11°57	8♎42	19°54	0♏23	15♓17	13°48	0°35	n.a.	T 2
W 3	13 56 44	29°50'12	26° 5	13°D48	26°41	26°17	20°31	12° 3	8°40	19°56	0°21	15°18	13°45	0°42	n.a.	W 3
T 4	14 0 41	0♉47'21	8♍19	13°50	27°53	27° 0	20°44	12° 9	8°37	19°57	0°19	15°20	13°41	0°49	n.a.	T 4
F 5	14 4 37	1°44'30	20°23	13°56	29° 6	27°44	20°57	12°15	8°35	19°59	0°18	15°R20	13°38	0°55	n.a.	F 5
S 6	14 8 34	2°41'38	2♎19	14° 7	0♊18	28°27	21°10	12°21	8°33	20° 0	0°16	15°18	13°35	1° 2	n.a.	S 6
S 7	14 12 30	3°38'45	14°10	14°22	1°30	29°11	21°23	12°27	8°31	20° 2	0°15	15°14	13°32	1° 9	n.a.	S 7
M 8	14 16 27	4°35'52	26° 0	14°41	2°42	29°54	21°36	12°33	8°28	20° 4	0°13	15° 9	13°29	1°15	n.a.	M 8
T 9	14 20 24	5°32'58	7♏51	15° 5	3°55	0♓37	21°50	12°38	8°26	20° 5	0°11	15° 1	13°25	1°22	n.a.	T 9
W10	14 24 20	6°30'03	19°43	15°34	5° 7	1°20	22° 3	12°44	8°24	20° 7	0°10	14°52	13°22	1°29	n.a.	W10
T 11	14 28 17	7°27'09	1♐40	16° 7	6°19	2° 3	22°16	12°49	8°22	20° 9	0° 8	14°42	13°19	1°36	n.a.	T 11
F 12	14 32 13	8°24'14	13°43	16°45	7°31	2°46	22°29	12°55	8°20	20°11	0° 7	14°32	13°16	1°42	n.a.	F 12
S 13	14 36 10	9°21'19	25°53	17°26	8°43	3°29	22°43	13° 0	8°18	20°12	0° 5	14°24	13°13	1°49	n.a.	S 13
S 14	14 40 6	10°18'24	8♑14	18°12	9°55	4°12	22°56	13° 6	8°16	20°14	0° 3	14°18	13°10	1°56	n.a.	S 14
M15	14 44 3	11°15'28	20°47	19° 2	11° 7	4°55	23° 9	13°11	8°14	20°16	0° 2	14°14	13° 6	2° 2	n.a.	M15
T 16	14 47 59	12°12'33	3♒36	19°56	12°19	5°37	23°23	13°16	8°12	20°18	0° 0	14°12	13° 3	2° 9	n.a.	T 16
W17	14 51 56	13° 9'38	16°45	20°55	13°31	6°20	23°36	13°22	8°10	20°20	29♎59	14°D11	13° 0	2°16	n.a.	W17
T 18	14 55 53	14° 6'43	0♓16	21°57	14°43	7° 2	23°49	13°27	8° 8	20°21	29°57	14°12	12°57	2°22	n.a.	T 18
F 19	14 59 49	15° 3'48	14°12	23° 3	15°54	7°45	24° 3	13°32	8° 6	20°23	29°56	14°R12	12°54	2°29	n.a.	F 19
S 20	15 3 46	16° 0'53	28°33	24°12	17° 6	8°27	24°16	13°37	8° 5	20°25	29°54	14°11	12°51	2°36	n.a.	S 20
S 21	15 7 42	16°57'58	13♈17	25°26	18°18	9° 9	24°30	13°42	8° 3	20°27	29°53	14° 9	12°47	2°42	n.a.	S 21
M22	15 11 39	17°55'03	28°20	26°43	19°30	9°51	24°43	13°46	8° 1	20°29	29°51	14° 3	12°44	2°49	n.a.	M22
T 23	15 15 35	18°52'09	13♉33	28° 4	20°41	10°33	24°57	13°51	7°59	20°31	29°49	13°56	12°41	2°56	n.a.	T 23
W24	15 19 32	19°49'15	28°45	29°29	21°53	11°15	25°10	13°56	7°58	20°33	29°48	13°47	12°38	3° 3	n.a.	W24
T 25	15 23 29	20°46'21	13♊47	0♉57	23° 5	11°57	25°24	14° 0	7°56	20°35	29°46	13°37	12°35	3° 9	n.a.	T 25
F 26	15 27 25	21°43'27	28°29	2°28	24°16	12°39	25°37	14° 5	7°55	20°37	29°45	13°28	12°31	3°16	n.a.	F 26
S 27	15 31 22	22°40'32	12♋44	4° 3	25°28	13°21	25°51	14° 9	7°53	20°39	29°44	13°21	12°28	3°23	n.a.	S 27
S 28	15 35 18	23°37'38	26°30	5°42	26°39	14° 2	26° 4	14°13	7°52	20°41	29°42	13°16	12°25	3°29	n.a.	S 28
M29	15 39 15	24°34'43	9♌47	7°24	27°50	14°43	26°18	14°18	7°50	20°43	29°41	13°13	12°22	3°36	n.a.	M29
T 30	15 43 11	25°31'49	22°38	9° 9	29° 2	15°25	26°31	14°22	7°49	20°45	29°39	13°D12	12°19	3°43	n.a.	T 30
W31	15 47 8	26♉28'54	5♍ 6	10♉57	0♋13	16♓ 6	26♉45	14♓26	7♎47	20♊47	29♎38	13♓12	12♓16	3♏49	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	10n55	23n52	3n38	2n44	3s 7	20n17	1n10	15s 4	1s42	17n46	0s18	9s21	2s18	2s57	0n37	22n55	0s32	1s32	10n58	5s54	6s27	15s20			n.a.
T 2	11 16	19 38	2 43	2 33	3 16	20 37	1 12	14 49	1 43	17 50	0 18	9 19	2 18	2 56	0 37	22 55	0 32	1 32	10 58	5 54	6 29	15 23			n.a.
W 3	11 36	14 38	1 42	2 26	3 23	20 57	1 14	14 35	1 43	17 53	0 18	9 17	2 18	2 55	0 37	22 55	0 32	1 31	10 58	5 53	6 30	15 26			n.a.
T 4	11 56	9 10	0 38	2 21	3 29	21 16	1 16	14 20	1 44	17 57	0 18	9 14	2 18	2 54	0 37	22 55	0 32	1 31	10 58	5 53	6 31	15 29			n.a.
F 5	12 17	3 27	0s27	2 19	3 34	21 34	1 18	14 5	1 44	18 1	0 18	9 12	2 18	2 54	0 37	22 56	0 32	1 31	10 57	5 53	6 32	15 31			n.a.
S 6	12 37	2s19	1 30	2 19	3 37	21 52	1 20	13 50	1 45	18 4	0 17	9 10	2 19	2 53	0 37	22 56	0 32	1 30	10 57	5 53	6 34	15 34			n.a.
S 7	12 56	7 58	2 29	2 23	3 40	22 9	1 22	13 36	1 45	18 8	0 17	9 8	2 19	2 52	0 37	22 56	0 32	1 30	10 57	5 55	6 35	15 37			n.a.
M 8	13 16	13 19	3 21	2 29	3 42	22 26	1 24	13 20	1 46	18 12	0 17	9 6	2 19	2 51	0 37	22 56	0 32	1 29	10 57	5 57	6 36	15 40			n.a.
T 9	13 35	18 12	4 4	2 38	3 42	22 42	1 26	13 5	1 46	18 15	0 17	9 4	2 19	2 50	0 37	22 56	0 32	1 29	10 57	6 0	6 37	15 43			n.a.
W10	13 55	22 24	4 37	2 50	3 42	22 57	1 28	12 50	1 47	18 19	0 17	9 2	2 19	2 49	0 37	22 56	0 32	1 28	10 57	6 4	6 39	15 46			n.a.
T 11	14 14	25 42	4 58	3 4	3 40	23 12	1 30	12 35	1 47	18 22	0 17	9 0	2 20	2 49	0 37	22 57	0 32	1 28	10 57	6 7	6 40	15 49			n.a.
F 12	14 33	27 53	5 5	3 20	3 38	23 26	1 32	12 20	1 48	18 26	0 17	8 58	2 20	2 48	0 37	22 57	0 32	1 27	10 57	6 11	6 41	15 52			n.a.
S 13	14 51	28 46	4 59	3 39	3 35	23 40	1 33	12 4	1 48	18 30	0 17	8 56	2 20	2 47	0 37	22 57	0 32	1 27	10 56	6 14	6 42	15 55			n.a.
S 14	15 9	28 14	4 39	4 1	3 31	23 52	1 35	11 49	1 49	18 33	0 16	8 54	2 20	2 46	0 37	22 57	0 32	1 27	10 56	6 17	6 43	15 58			n.a.
M15	15 28	26 15	4 6	4 24	3 26	24 5	1 36	11 33	1 49	18 37	0 16	8 52	2 21	2 45	0 37	22 57	0 32	1 26	10 56	6 19	6 45	16 1			n.a.
T 16	15 45	22 54	3 19	4 50	3 20	24 16	1 38	11 18	1 49	18 40	0 16	8 50	2 21	2 45	0 37	22 57	0 32	1 26	10 56	6 19	6 46	16 4			n.a.
W17	16 3	18 19	2 21	5 18	3 14	24 27	1 39	11 2	1 50	18 44	0 16	8 49	2 21	2 44	0 37	22 57	0 32	1 26	10 56	6 19	6 47	16 7			n.a.
T 18	16 20	12 43	1 14	5 48	3 7	24 37	1 41	10 46	1 50	18 47	0 16	8 47	2 21	2 43	0 37	22 58	0 31	1 25	10 56	6 19	6 48	16 10			n.a.
F 19	16 38	6 19	0 0	6 20	2 59	24 46	1 42	10 31	1 51	18 51	0 16	8 45	2 22	2 42	0 37	22 58	0 31	1 25	10 55	6 19	6 50	16 13			n.a.
S 20	16 54	0n34	1n16	6 54	2 51	24 55	1 43	10 15	1 51	18 54	0 16	8 43	2 22	2 42	0 37	22 58	0 31	1 24	10 55	6 19	6 51	16 15			n.a.
S 21	17 11	7 36	2 29	7 29	2 42	25 3	1 45	9 59	1 52	18 58	0 16	8 42	2 22	2 41	0 37	22 58	0 31	1 24	10 55	6 20	6 52	16 18			n.a.
M22	17 27	14 21	3 32	8 6	2 33	25 10	1 46	9 43	1 52	19 1	0 16	8 40	2 22	2 40	0 37	22 58	0 31	1 24	10 55	6 22	6 53	16 21			n.a.
T 23	17 43	20 19	4 22	8 44	2 23	25 17	1 47	9 28	1 52	19 4	0 15	8 38	2 22	2 40	0 37	22 58	0 31	1 23	10 55	6 25	6 55	16 24			n.a.
W24	17 59	24 58	4 53	9 24	2 13	25 23	1 48	9 12	1 53	19 8	0 15	8 37	2 23	2 39	0 37	22 59	0 31	1 23	10 54	6 29	6 56	16 27			n.a.
T 25	18 15	27 51	5 3	10 5	2 2	25 28	1 48	8 56	1 53	19 11	0 15	8 35	2 23	2 38	0 37	22 59	0 31	1 23	10 54	6 33	6 57	16 30			n.a.
F 26	18 30	28 43	4 53	10 48	1 51	25 32	1 49	8 40	1 53	19 15	0 15	8 34	2 23	2 38	0 37	22 59	0 31	1 23	10 54	6 36	6 58	16 33			n.a.
S 27	18 45	27 36	4 24	11 31	1 40	25 36	1 50	8 24	1 54	19 18	0 15	8 32	2 24	2 37	0 36	22 59	0 31	1 22	10 54	6 39	7 0	16 36			n.a.
S 28	19 0	24 49	3 41	12 15	1 29	25 39	1 51	8 8	1 54	19 21	0 15	8 31	2 24	2 37	0 36	22 59	0 31	1 22	10 53	6 41	7 1	16 39			n.a.
M29	19 14	20 47	2 48	13 0	1 17	25 41	1 51	7 52	1 54	19 25	0 15	8 29	2 24	2 36	0 36	22 59	0 31	1 22	10 53	6 42	7 2	16 41			n.a.
T 30	19 28	15 53	1 47	13 46	1 5	25 42	1 52	7 36	1 55	19 28	0 15	8 28	2 24	2 36	0 36	23 0	0 31	1 22	10 53	6 42	7 3	16 44			n.a.
W31	19n42	10n28	0n43	14n31	0s53	25n43	1n52	7s20	1s55	19n31	0s15	8s27	2s25	2s35	0n36	23n 0	0s31	1s21	10n53	6s42	7s 4	16s47			n.a.

Julian Day Number = 1278129.5, Delta T = 08h10m44s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'37, Lahiri = -20°42'36 Julian Calendar 1 May 1214 BCE == Greg. Calendar 20 Apr. 1214 BCE

The year -1213 astronomical counting style corresponds to year 1214 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1214 BCE
geocentric

JUNE 1214 BCE (-1213) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 51 4	27♉26'00	17♍18	12♉48	1♋24	16♓47	26♉58	14♓30	7°R46	20♊49	29°R37	13°R12	12♓12	3♏56	n.a.	T 1
F 2	15 55 1	28°23'05	29°17	14°42	2°36	17°28	27°12	14°34	7♎45	20°51	29♎35	13♓11	12° 9	4° 3	n.a.	F 2
S 3	15 58 58	29°20'11	11♎10	16°38	3°47	18° 9	27°25	14°38	7°43	20°53	29°34	13° 8	12° 6	4° 9	n.a.	S 3
S 4	16 2 54	0♊17'16	22°59	18°37	4°58	18°50	27°39	14°41	7°42	20°55	29°32	13° 3	12° 3	4°16	n.a.	S 4
M 5	16 6 51	1°14'22	4♏49	20°38	6° 9	19°30	27°52	14°45	7°41	20°58	29°31	12°54	12° 0	4°23	n.a.	M 5
T 6	16 10 47	2°11'29	16°42	22°41	7°20	20°11	28° 5	14°48	7°40	21° 0	29°30	12°44	11°57	4°30	n.a.	T 6
W 7	16 14 44	3° 8'36	28°41	24°46	8°31	20°51	28°19	14°52	7°39	21° 2	29°29	12°31	11°53	4°36	n.a.	W 7
T 8	16 18 40	4° 5'43	10♐46	26°52	9°42	21°32	28°32	14°55	7°38	21° 4	29°27	12°18	11°50	4°43	n.a.	T 8
F 9	16 22 37	5° 2'52	22°58	28°58	10°52	22°12	28°46	14°59	7°37	21° 6	29°26	12° 5	11°47	4°50	n.a.	F 9
S 10	16 26 34	6° 0'01	5♑20	1♊ 6	12° 3	22°52	28°59	15° 2	7°36	21° 8	29°25	11°53	11°44	4°56	n.a.	S 10
S 11	16 30 30	6°57'10	17°51	3°14	13°14	23°32	29°13	15° 5	7°35	21°10	29°24	11°44	11°41	5° 3	n.a.	S 11
M12	16 34 27	7°54'21	0♒33	5°22	14°24	24°12	29°26	15° 8	7°34	21°13	29°23	11°37	11°37	5°10	n.a.	M12
T 13	16 38 23	8°51'32	13°28	7°30	15°35	24°52	29°39	15°11	7°33	21°15	29°21	11°33	11°34	5°16	n.a.	T 13
W14	16 42 20	9°48'44	26°39	9°37	16°45	25°31	29°53	15°13	7°33	21°17	29°20	11°32	11°31	5°23	n.a.	W14
T 15	16 46 16	10°45'58	10♓ 7	11°44	17°56	26°11	0♊ 6	15°16	7°32	21°19	29°19	11°31	11°28	5°30	n.a.	T 15
F 16	16 50 13	11°43'12	23°55	13°50	19° 6	26°50	0°20	15°19	7°31	21°21	29°18	11°31	11°25	5°37	n.a.	F 16
S 17	16 54 9	12°40'27	8♈ 5	15°54	20°17	27°29	0°33	15°21	7°31	21°24	29°17	11°30	11°22	5°43	n.a.	S 17
S 18	16 58 6	13°37'44	22°34	17°58	21°27	28° 8	0°46	15°24	7°30	21°26	29°16	11°27	11°18	5°50	n.a.	S 18
M19	17 2 3	14°35'02	7♉20	20° 1	22°37	28°47	0°59	15°26	7°30	21°28	29°15	11°21	11°15	5°57	n.a.	M19
T 20	17 5 59	15°32'21	22°18	22° 2	23°47	29°26	1°13	15°28	7°29	21°30	29°14	11°12	11°12	6° 3	n.a.	T 20
W21	17 9 56	16°29'41	7♊18	24° 2	24°57	0♈ 5	1°26	15°30	7°29	21°32	29°13	11° 2	11° 9	6°10	n.a.	W21
T 22	17 13 52	17°27'03	22°11	26° 0	26° 7	0°43	1°39	15°32	7°29	21°35	29°12	10°50	11° 6	6°17	n.a.	T 22
F 23	17 17 49	18°24'25	6♋48	27°57	27°17	1°22	1°52	15°34	7°28	21°37	29°11	10°40	11° 3	6°23	n.a.	F 23
S 24	17 21 45	19°21'48	21° 3	29°52	28°27	2° 0	2° 6	15°36	7°28	21°39	29°10	10°31	10°59	6°30	n.a.	S 24
S 25	17 25 42	20°19'12	4♌50	1♋46	29°37	2°38	2°19	15°38	7°28	21°41	29° 9	10°25	10°56	6°37	n.a.	S 25
M26	17 29 39	21°16'37	18°10	3°38	0♌47	3°16	2°32	15°39	7°28	21°44	29° 9	10°21	10°53	6°44	n.a.	M26
T 27	17 33 35	22°14'03	1♍ 3	5°28	1°56	3°53	2°45	15°41	7°28	21°46	29° 8	10°19	10°50	6°50	n.a.	T 27
W28	17 37 32	23°11'30	13°34	7°17	3° 6	4°31	2°58	15°42	7°D28	21°48	29° 7	10°D19	10°47	6°57	n.a.	W28
T 29	17 41 28	24° 8'57	25°46	9° 4	4°15	5° 8	3°11	15°43	7°28	21°50	29° 6	10°R19	10°43	7° 4	n.a.	T 29
F 30	17 45 25	25♊ 6'26	7♎46	10♋50	5♌25	5♈46	3♊24	15♓45	7♎28	21♊52	29♎ 6	10♓19	10♓40	7♏10	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n55	4n46	0s22	15n17	0s41	25n43	1n52	7s 4	1s55	19n34	0s14	8s25	2s25	2s35	0n36	23n 0	0s31	1s21	10n52	6s42	7s 6	16s50		n.a.
F 2	20 8	1s 0	1 24	16 3	0 29	25 42	1 53	6 48	1 56	19 38	0 14	8 24	2 25	2 34	0 36	23 0	0 31	1 21	10 52	6 43	7 7	16 53		n.a.
S 3	20 21	6 40	2 22	16 49	0 17	25 40	1 53	6 32	1 56	19 41	0 14	8 23	2 25	2 34	0 36	23 0	0 31	1 21	10 52	6 44	7 8	16 56		n.a.
S 4	20 33	12 4	3 14	17 34	0 6	25 38	1 53	6 16	1 56	19 44	0 14	8 22	2 26	2 33	0 36	23 0	0 31	1 20	10 52	6 46	7 9	16 59		n.a.
M 5	20 45	17 3	3 57	18 18	0n 5	25 35	1 53	6 0	1 56	19 47	0 14	8 20	2 26	2 33	0 36	23 1	0 31	1 20	10 51	6 49	7 11	17 1		n.a.
T 6	20 57	21 25	4 30	19 1	0 16	25 31	1 53	5 44	1 57	19 50	0 14	8 19	2 26	2 32	0 36	23 1	0 31	1 20	10 51	6 54	7 12	17 4		n.a.
W 7	21 8	24 56	4 51	19 43	0 27	25 26	1 53	5 28	1 57	19 54	0 14	8 18	2 26	2 32	0 36	23 1	0 31	1 20	10 51	6 58	7 13	17 7		n.a.
T 8	21 19	27 23	5 0	20 23	0 37	25 21	1 52	5 12	1 57	19 57	0 14	8 17	2 27	2 32	0 36	23 1	0 31	1 20	10 50	7 4	7 14	17 10		n.a.
F 9	21 30	28 33	4 55	21 1	0 47	25 15	1 52	4 56	1 57	20 0	0 14	8 16	2 27	2 31	0 36	23 1	0 31	1 20	10 50	7 9	7 16	17 13		n.a.
S 10	21 40	28 19	4 36	21 38	0 56	25 8	1 52	4 40	1 58	20 3	0 14	8 15	2 27	2 31	0 36	23 1	0 31	1 19	10 50	7 13	7 17	17 15		n.a.
S 11	21 50	26 39	4 3	22 12	1 4	25 1	1 51	4 24	1 58	20 6	0 13	8 14	2 28	2 31	0 36	23 2	0 31	1 19	10 49	7 17	7 18	17 18		n.a.
M12	22 0	23 35	3 18	22 44	1 12	24 53	1 50	4 8	1 58	20 9	0 13	8 13	2 28	2 30	0 36	23 2	0 31	1 19	10 49	7 19	7 19	17 21		n.a.
T 13	22 9	19 20	2 22	23 13	1 19	24 44	1 50	3 53	1 58	20 12	0 13	8 12	2 28	2 30	0 36	23 2	0 31	1 19	10 49	7 21	7 20	17 24		n.a.
W14	22 18	14 3	1 18	23 40	1 25	24 34	1 49	3 37	1 58	20 15	0 13	8 11	2 28	2 30	0 36	23 2	0 31	1 19	10 48	7 21	7 22	17 27		n.a.
T 15	22 26	8 1	0 7	24 4	1 31	24 24	1 48	3 21	1 59	20 18	0 13	8 11	2 29	2 29	0 36	23 2	0 31	1 19	10 48	7 22	7 23	17 30		n.a.
F 16	22 34	1 28	1n 5	24 26	1 36	24 13	1 47	3 5	1 59	20 21	0 13	8 10	2 29	2 29	0 36	23 2	0 31	1 19	10 48	7 22	7 24	17 32		n.a.
S 17	22 42	5n19	2 15	24 44	1 40	24 2	1 46	2 50	1 59	20 24	0 13	8 9	2 29	2 29	0 36	23 3	0 31	1 19	10 47	7 22	7 25	17 35		n.a.
S 18	22 49	11 59	3 18	25 0	1 44	23 49	1 45	2 34	1 59	20 27	0 13	8 9	2 30	2 29	0 36	23 3	0 31	1 19	10 47	7 23	7 27	17 38		n.a.
M19	22 56	18 7	4 10	25 14	1 46	23 36	1 43	2 18	1 59	20 30	0 13	8 8	2 30	2 29	0 36	23 3	0 31	1 19	10 47	7 26	7 28	17 41		n.a.
T 20	23 2	23 13	4 44	25 24	1 49	23 23	1 42	2 3	1 59	20 33	0 13	8 7	2 30	2 29	0 36	23 3	0 31	1 19	10 46	7 29	7 29	17 43		n.a.
W21	23 9	26 49	5 0	25 32	1 50	23 9	1 41	1 47	1 59	20 35	0 12	8 7	2 31	2 28	0 36	23 3	0 31	1 19	10 46	7 33	7 30	17 46		n.a.
T 22	23 14	28 30	4 55	25 38	1 51	22 54	1 39	1 32	1 59	20 38	0 12	8 6	2 31	2 28	0 36	23 3	0 31	1 19	10 46	7 37	7 32	17 49		n.a.
F 23	23 20	28 9	4 30	25 41	1 51	22 39	1 37	1 16	2 0	20 41	0 12	8 6	2 31	2 28	0 36	23 3	0 31	1 19	10 45	7 41	7 33	17 52		n.a.
S 24	23 24	25 56	3 49	25 41	1 51	22 23	1 36	1 1	2 0	20 44	0 12	8 5	2 31	2 28	0 36	23 4	0 31	1 19	10 45	7 45	7 34	17 54		n.a.
S 25	23 29	22 13	2 56	25 39	1 50	22 6	1 34	0 46	2 0	20 47	0 12	8 5	2 32	2 28	0 35	23 4	0 31	1 19	10 45	7 47	7 35	17 57		n.a.
M26	23 33	17 27	1 54	25 36	1 48	21 49	1 32	0 30	2 0	20 49	0 12	8 5	2 32	2 28	0 35	23 4	0 31	1 19	10 44	7 49	7 36	18 0		n.a.
T 27	23 37	12 3	0 49	25 30	1 46	21 31	1 30	0 15	2 0	20 52	0 12	8 4	2 32	2 28	0 35	23 4	0 31	1 19	10 44	7 49	7 38	18 3		n.a.
W28	23 40	6 18	0s17	25 22	1 43	21 13	1 28	0 0	2 0	20 55	0 12	8 4	2 33	2 28	0 35	23 4	0 31	1 19	10 43	7 49	7 39	18 5		n.a.
T 29	23 43	0 28	1 21	25 12	1 40	20 54	1 25	0n15	2 0	20 57	0 12	8 4	2 33	2 28	0 35	23 4	0 31	1 19	10 43	7 49	7 40	18 8		n.a.
F 30	23n45	5s16	2s20	25n 0	1n37	20n34	1n23	0n30	2s 0	21n 0	0s12	8s 4	2s33	2s28	0n35	23n 5	0s31	1s19	10n43	7s50	7s41	18s11		n.a.

Julian Day Number = 1278160.5, Delta T = 08h10m42s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'32, Lahiri = -20°42'32 Julian Calendar 1 June 1214 BCE == Greg. Calendar 21 May 1214 BCE

The year -1213 astronomical counting style corresponds to year 1214 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1214 BCE
geocentric

JULY 1214 BCE (-1213) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 49 21	26♊ 3'55	19♎39	12♋34	6♌34	6♈23	3♊37	15♓46	7♎28	21♊55	29°R 5	10°R16	10♓37	7♏17	n.a.	S 1
S 2	17 53 18	27° 1'26	1♏29	14°17	7°43	6°59	3°50	15°47	7°28	21°57	29♎ 4	10♓12	10°34	7°24	n.a.	S 2
M 3	17 57 14	27°58'58	13°21	15°58	8°52	7°36	4° 3	15°47	7°28	21°59	29° 4	10° 4	10°31	7°30	n.a.	M 3
T 4	18 1 11	28°56'31	25°18	17°37	10° 1	8°13	4°15	15°48	7°29	22° 1	29° 3	9°55	10°28	7°37	n.a.	T 4
W 5	18 5 8	29°54'05	7♐23	19°15	11°10	8°49	4°28	15°49	7°29	22° 4	29° 2	9°43	10°24	7°44	n.a.	W 5
T 6	18 9 4	0♋51'40	19°39	20°52	12°19	9°25	4°41	15°49	7°29	22° 6	29° 2	9°31	10°21	7°51	n.a.	T 6
F 7	18 13 1	1°49'17	2♑ 4	22°27	13°27	10° 1	4°54	15°50	7°30	22° 8	29° 1	9°19	10°18	7°57	n.a.	F 7
S 8	18 16 57	2°46'56	14°41	24° 0	14°36	10°37	5° 6	15°50	7°30	22°10	29° 1	9° 9	10°15	8° 4	n.a.	S 8
S 9	18 20 54	3°44'35	27°29	25°32	15°44	11°13	5°19	15°50	7°31	22°12	29° 0	9° 0	10°12	8°11	n.a.	S 9
M10	18 24 50	4°42'17	10♒29	27° 2	16°53	11°48	5°31	15°50	7°31	22°15	29° 0	8°54	10° 9	8°17	n.a.	M10
T 11	18 28 47	5°40'00	23°39	28°31	18° 1	12°23	5°44	15°R50	7°32	22°17	29° 0	8°51	10° 5	8°24	n.a.	T 11
W12	18 32 43	6°37'45	7♓ 2	29°58	19° 9	12°58	5°56	15°50	7°33	22°19	28°59	8°D50	10° 2	8°31	n.a.	W12
T 13	18 36 40	7°35'32	20°37	1♌24	20°17	13°33	6° 9	15°50	7°34	22°21	28°59	8°51	9°59	8°37	n.a.	T 13
F 14	18 40 37	8°33'20	4♈26	2°48	21°25	14° 8	6°21	15°50	7°34	22°23	28°59	8°R51	9°56	8°44	n.a.	F 14
S 15	18 44 33	9°31'10	18°28	4°11	22°33	14°42	6°34	15°49	7°35	22°25	28°58	8°51	9°53	8°51	n.a.	S 15
S 16	18 48 30	10°29'03	2♉44	5°32	23°41	15°16	6°46	15°49	7°36	22°28	28°58	8°49	9°49	8°58	n.a.	S 16
M17	18 52 26	11°26'57	17°12	6°51	24°48	15°50	6°58	15°48	7°37	22°30	28°58	8°45	9°46	9° 4	n.a.	M17
T 18	18 56 23	12°24'54	1♊46	8° 8	25°56	16°24	7°10	15°47	7°38	22°32	28°58	8°38	9°43	9°11	n.a.	T 18
W19	19 0 19	13°22'52	16°23	9°24	27° 3	16°58	7°22	15°47	7°39	22°34	28°58	8°30	9°40	9°18	n.a.	W19
T 20	19 4 16	14°20'53	0♋54	10°37	28°10	17°31	7°34	15°46	7°40	22°36	28°58	8°22	9°37	9°24	n.a.	T 20
F 21	19 8 12	15°18'55	15°13	11°49	29°17	18° 4	7°46	15°44	7°41	22°38	28°57	8°14	9°34	9°31	n.a.	F 21
S 22	19 12 9	16°16'59	29°15	12°59	0♍24	18°37	7°58	15°43	7°43	22°40	28°57	8° 7	9°30	9°38	n.a.	S 22
S 23	19 16 6	17°15'05	12♌54	14° 7	1°31	19° 9	8°10	15°42	7°44	22°42	28°D57	8° 2	9°27	9°45	n.a.	S 23
M24	19 20 2	18°13'12	26°10	15°12	2°37	19°42	8°22	15°41	7°45	22°44	28°57	7°59	9°24	9°51	n.a.	M24
T 25	19 23 59	19°11'21	9♍ 2	16°15	3°44	20°14	8°33	15°39	7°47	22°46	28°58	7°D58	9°21	9°58	n.a.	T 25
W26	19 27 55	20° 9'31	21°34	17°16	4°50	20°45	8°45	15°38	7°48	22°48	28°58	7°59	9°18	10° 5	n.a.	W26
T 27	19 31 52	21° 7'44	3♎48	18°14	5°56	21°17	8°57	15°36	7°49	22°50	28°58	8° 0	9°15	10°11	n.a.	T 27
F 28	19 35 48	22° 5'57	15°50	19°10	7° 2	21°48	9° 8	15°34	7°51	22°52	28°58	8° 2	9°11	10°18	n.a.	F 28
S 29	19 39 45	23° 4'13	27°44	20° 2	8° 8	22°19	9°19	15°32	7°53	22°54	28°58	8°R 2	9° 8	10°25	n.a.	S 29
S 30	19 43 41	24° 2'30	9♏36	20°51	9°13	22°50	9°31	15°30	7°54	22°56	28°58	8° 0	9° 5	10°31	n.a.	S 30
M31	19 47 38	25♋ 0'49	21♏30	21♌37	10♍19	23♈20	9♊42	15♓28	7♎56	22♊58	28♎59	7♓57	9♓ 2	10♏38	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	10s46	3s12	24n47	1n33	20n15	1n21	0n45	2s 0	21n 2	0s11	8s 3	2s34	2s28	0n35	23n 5	0s31	1s20	10n42	7s51	7s43	18s14		n.a.
S 2	23 48	15 52	3 56	24 32	1 28	19 54	1 18	0 59	2 0	21 5	0 11	8 3	2 34	2 28	0 35	23 5	0 31	1 20	10 42	7 52	7 44	18 16		n.a.
M 3	23 49	20 23	4 30	24 15	1 24	19 33	1 15	1 14	2 0	21 8	0 11	8 3	2 34	2 29	0 35	23 5	0 31	1 20	10 41	7 55	7 45	18 19		n.a.
T 4	23 50	24 7	4 52	23 57	1 18	19 12	1 13	1 29	2 0	21 10	0 11	8 3	2 34	2 29	0 35	23 5	0 31	1 20	10 41	7 59	7 46	18 22		n.a.
W 5	23 50	26 51	5 1	23 38	1 13	18 50	1 10	1 43	2 0	21 13	0 11	8 3	2 35	2 29	0 35	23 5	0 31	1 20	10 41	8 3	7 47	18 24		n.a.
T 6	23 50	28 22	4 57	23 18	1 7	18 28	1 7	1 58	2 0	21 15	0 11	8 3	2 35	2 29	0 35	23 5	0 31	1 20	10 40	8 8	7 49	18 27		n.a.
F 7	23 50	28 28	4 39	22 56	1 1	18 5	1 4	2 12	2 0	21 17	0 11	8 3	2 35	2 29	0 35	23 6	0 31	1 21	10 40	8 12	7 50	18 30		n.a.
S 8	23 49	27 6	4 6	22 33	0 54	17 42	1 1	2 27	2 0	21 20	0 11	8 4	2 36	2 30	0 35	23 6	0 31	1 21	10 39	8 16	7 51	18 33		n.a.
S 9	23 47	24 18	3 21	22 10	0 47	17 18	0 58	2 41	2 0	21 22	0 11	8 4	2 36	2 30	0 35	23 6	0 31	1 21	10 39	8 20	7 52	18 35		n.a.
M10	23 45	20 14	2 25	21 45	0 40	16 54	0 54	2 55	1 59	21 25	0 11	8 4	2 36	2 30	0 35	23 6	0 31	1 21	10 39	8 22	7 54	18 38		n.a.
T 11	23 43	15 7	1 20	21 20	0 32	16 30	0 51	3 9	1 59	21 27	0 11	8 4	2 37	2 30	0 35	23 6	0 31	1 22	10 38	8 23	7 55	18 41		n.a.
W12	23 40	9 13	0 10	20 54	0 25	16 5	0 48	3 23	1 59	21 29	0 10	8 5	2 37	2 31	0 35	23 6	0 31	1 22	10 38	8 23	7 56	18 43		n.a.
T 13	23 37	2 49	1n 2	20 27	0 17	15 40	0 44	3 37	1 59	21 32	0 10	8 5	2 37	2 31	0 35	23 6	0 31	1 22	10 37	8 23	7 57	18 46		n.a.
F 14	23 34	3n48	2 12	20 0	0 8	15 14	0 40	3 50	1 59	21 34	0 10	8 5	2 37	2 31	0 35	23 7	0 31	1 23	10 37	8 23	7 58	18 49		n.a.
S 15	23 30	10 21	3 15	19 32	0 0	14 48	0 37	4 4	1 59	21 36	0 10	8 6	2 38	2 32	0 35	23 7	0 31	1 23	10 36	8 23	8 0	18 51		n.a.
S 16	23 25	16 29	4 7	19 4	0s 9	14 22	0 33	4 18	1 59	21 38	0 10	8 6	2 38	2 32	0 35	23 7	0 31	1 23	10 36	8 24	8 1	18 54		n.a.
M17	23 20	21 47	4 44	18 36	0 17	13 56	0 29	4 31	1 58	21 40	0 10	8 7	2 38	2 33	0 35	23 7	0 31	1 23	10 36	8 26	8 2	18 57		n.a.
T 18	23 15	25 48	5 3	18 7	0 26	13 29	0 25	4 44	1 58	21 43	0 10	8 7	2 39	2 33	0 35	23 7	0 31	1 24	10 35	8 28	8 3	18 59		n.a.
W19	23 9	28 8	5 2	17 38	0 36	13 2	0 21	4 58	1 58	21 45	0 10	8 8	2 39	2 33	0 35	23 7	0 31	1 24	10 35	8 31	8 4	19 2		n.a.
T 20	23 3	28 32	4 42	17 9	0 45	12 34	0 17	5 11	1 58	21 47	0 10	8 9	2 39	2 34	0 35	23 7	0 31	1 25	10 34	8 34	8 6	19 4		n.a.
F 21	22 57	27 0	4 4	16 40	0 54	12 7	0 13	5 24	1 58	21 49	0 10	8 9	2 40	2 34	0 34	23 7	0 31	1 25	10 34	8 37	8 7	19 7		n.a.
S 22	22 50	23 47	3 13	16 11	1 4	11 39	0 8	5 36	1 57	21 51	0 9	8 10	2 40	2 35	0 34	23 8	0 31	1 25	10 33	8 40	8 8	19 10		n.a.
S 23	22 42	19 18	2 11	15 42	1 13	11 11	0 4	5 49	1 57	21 53	0 9	8 11	2 40	2 36	0 34	23 8	0 31	1 26	10 33	8 42	8 9	19 12		n.a.
M24	22 35	14 0	1 3	15 13	1 23	10 42	0s 1	6 2	1 57	21 55	0 9	8 12	2 40	2 36	0 34	23 8	0 31	1 26	10 32	8 43	8 11	19 15		n.a.
T 25	22 26	8 14	0s 6	14 45	1 33	10 14	0 5	6 14	1 57	21 57	0 9	8 13	2 41	2 37	0 34	23 8	0 31	1 27	10 32	8 43	8 12	19 18		n.a.
W26	22 18	2 17	1 13	14 17	1 43	9 45	0 10	6 27	1 56	21 59	0 9	8 13	2 41	2 37	0 34	23 8	0 31	1 27	10 32	8 43	8 13	19 20		n.a.
T 27	22 9	3s36	2 15	13 50	1 53	9 16	0 15	6 39	1 56	22 1	0 9	8 14	2 41	2 38	0 34	23 8	0 31	1 28	10 31	8 42	8 14	19 23		n.a.
F 28	22 0	9 15	3 10	13 24	2 2	8 47	0 19	6 51	1 56	22 3	0 9	8 15	2 42	2 39	0 34	23 8	0 31	1 28	10 31	8 42	8 15	19 25		n.a.
S 29	21 50	14 30	3 56	12 58	2 12	8 17	0 24	7 3	1 55	22 5	0 9	8 16	2 42	2 39	0 34	23 8	0 31	1 28	10 30	8 42	8 17	19 28		n.a.
S 30	21 40	19 13	4 32	12 33	2 22	7 48	0 29	7 15	1 55	22 6	0 9	8 17	2 42	2 40	0 34	23 8	0 31	1 29	10 30	8 42	8 18	19 30		n.a.
M31	21n29	23s12	4s57	12n 9	2s31	7n18	0s34	7n26	1s55	22n 8	0s 9	8s18	2s42	2s41	0n34	23n 9	0s31	1s29	10n29	8s44	8s19	19s33		n.a.

Julian Day Number = 1278190.5, Delta T = 08h10m41s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'28, Lahiri = -20°42'28 Julian Calendar 1 July 1214 BCE == Greg. Calendar 20 June 1214 BCE

The year -1213 astronomical counting style corresponds to year 1214 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1214 BCE
geocentric

AUGUST 1214 BCE (-1213) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 51 35	25♋59'09	3♐30	22♌20	11♍24	23♈50	9♊53	15°R26	7♎58	23♊ 0	28♎59	7°R52	8♓59	10♏45	n.a.	T 1
W 2	19 55 31	26°57'32	15°41	22°58	12°29	24°20	10° 4	15♓24	7°59	23° 2	28°59	7♓46	8°55	10°52	n.a.	W 2
T 3	19 59 28	27°55'56	28° 4	23°33	13°34	24°49	10°15	15°21	8° 1	23° 4	29° 0	7°39	8°52	10°58	n.a.	T 3
F 4	20 3 24	28°54'22	10♑42	24° 3	14°38	25°19	10°26	15°19	8° 3	23° 6	29° 0	7°32	8°49	11° 5	n.a.	F 4
S 5	20 7 21	29°52'51	23°36	24°28	15°43	25°48	10°37	15°16	8° 5	23° 8	29° 0	7°25	8°46	11°12	n.a.	S 5
S 6	20 11 17	0♌51'21	6♒44	24°49	16°47	26°16	10°48	15°14	8° 7	23°10	29° 1	7°21	8°43	11°18	n.a.	S 6
M 7	20 15 14	1°49'53	20° 6	25° 4	17°51	26°44	10°59	15°11	8° 9	23°12	29° 1	7°18	8°40	11°25	n.a.	M 7
T 8	20 19 10	2°48'27	3♓40	25°13	18°55	27°12	11° 9	15° 8	8°11	23°13	29° 2	7°D17	8°36	11°32	n.a.	T 8
W 9	20 23 7	3°47'03	17°24	25°R16	19°58	27°40	11°20	15° 5	8°13	23°15	29° 2	7°17	8°33	11°39	n.a.	W 9
T 10	20 27 4	4°45'42	1♈18	25°13	21° 1	28° 7	11°30	15° 2	8°15	23°17	29° 3	7°18	8°30	11°45	n.a.	T 10
F 11	20 31 0	5°44'23	15°18	25° 4	22° 4	28°34	11°40	14°59	8°17	23°19	29° 4	7°20	8°27	11°52	n.a.	F 11
S 12	20 34 57	6°43'07	29°25	24°47	23° 7	29° 0	11°51	14°56	8°19	23°21	29° 4	7°21	8°24	11°59	n.a.	S 12
S 13	20 38 53	7°41'52	13♉36	24°23	24° 9	29°27	12° 1	14°52	8°22	23°22	29° 5	7°R21	8°21	12° 5	n.a.	S 13
M14	20 42 50	8°40'41	27°50	23°53	25°12	29°52	12°11	14°49	8°24	23°24	29° 6	7°19	8°17	12°12	n.a.	M14
T 15	20 46 46	9°39'32	12♊ 3	23°15	26°14	0♉18	12°21	14°46	8°26	23°26	29° 7	7°17	8°14	12°19	n.a.	T 15
W16	20 50 43	10°38'25	26°13	22°30	27°15	0°43	12°30	14°42	8°29	23°27	29° 7	7°14	8°11	12°26	n.a.	W16
T 17	20 54 39	11°37'21	10♋17	21°39	28°16	1° 7	12°40	14°39	8°31	23°29	29° 8	7°10	8° 8	12°32	n.a.	T 17
F 18	20 58 36	12°36'19	24° 9	20°43	29°17	1°31	12°50	14°35	8°33	23°31	29° 9	7° 6	8° 5	12°39	n.a.	F 18
S 19	21 2 32	13°35'19	7♌47	19°42	0♎18	1°55	12°59	14°31	8°36	23°32	29°10	7° 3	8° 1	12°46	n.a.	S 19
S 20	21 6 29	14°34'22	21° 9	18°37	1°19	2°18	13° 9	14°27	8°38	23°34	29°11	7° 1	7°58	12°52	n.a.	S 20
M21	21 10 26	15°33'26	4♍13	17°30	2°19	2°41	13°18	14°23	8°41	23°35	29°12	7°D 0	7°55	12°59	n.a.	M21
T 22	21 14 22	16°32'33	16°58	16°22	3°18	3° 3	13°27	14°19	8°44	23°37	29°13	7° 1	7°52	13° 6	n.a.	T 22
W23	21 18 19	17°31'41	29°26	15°16	4°17	3°25	13°36	14°15	8°46	23°38	29°14	7° 2	7°49	13°13	n.a.	W23
T 24	21 22 15	18°30'52	11♎39	14°12	5°16	3°47	13°45	14°11	8°49	23°40	29°15	7° 3	7°46	13°19	n.a.	T 24
F 25	21 26 12	19°30'04	23°41	13°14	6°15	4° 8	13°54	14° 7	8°52	23°41	29°16	7° 5	7°42	13°26	n.a.	F 25
S 26	21 30 8	20°29'19	5♏36	12°21	7°13	4°28	14° 2	14° 3	8°54	23°42	29°17	7° 6	7°39	13°33	n.a.	S 26
S 27	21 34 5	21°28'35	17°28	11°36	8°11	4°48	14°11	13°59	8°57	23°44	29°18	7°R 6	7°36	13°39	n.a.	S 27
M28	21 38 1	22°27'54	29°22	11° 1	9° 8	5° 8	14°19	13°54	9° 0	23°45	29°19	7° 6	7°33	13°46	n.a.	M28
T 29	21 41 58	23°27'14	11♐23	10°35	10° 5	5°27	14°28	13°50	9° 3	23°47	29°20	7° 6	7°30	13°53	n.a.	T 29
W30	21 45 55	24°26'37	23°34	10°19	11° 1	5°45	14°36	13°46	9° 6	23°48	29°22	7° 4	7°27	13°59	n.a.	W30
T 31	21 49 51	25♌26'01	6♑ 1	10°D14	11♎57	6♉ 3	14♊44	13♓41	9♎ 9	23♊49	29♎23	7♓ 3	7♓23	14♏ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n18	26s15	5s 8	11n46	2s41	6n48	0s39	7n38	1s54	22n10	0s 9	8s20	2s43	2s41	0n34	23n 9	0s31	1s30	10n29	8s46	8s20	19s36			n.a.
W 2	21 7	28 8	5 6	11 25	2 50	6 19	0 44	7 49	1 54	22 12	0 8	8 21	2 43	2 42	0 34	23 9	0 31	1 31	10 28	8 48	8 21	19 38			n.a.
T 3	20 55	28 40	4 50	11 5	2 59	5 49	0 49	8 1	1 54	22 13	0 8	8 22	2 43	2 43	0 34	23 9	0 31	1 31	10 28	8 51	8 23	19 41			n.a.
F 4	20 43	27 43	4 19	10 47	3 8	5 19	0 55	8 12	1 53	22 15	0 8	8 23	2 43	2 44	0 34	23 9	0 31	1 32	10 28	8 53	8 24	19 43			n.a.
S 5	20 31	25 16	3 35	10 30	3 16	4 48	1 0	8 23	1 53	22 17	0 8	8 24	2 44	2 44	0 34	23 9	0 31	1 32	10 27	8 56	8 25	19 46			n.a.
S 6	20 18	21 27	2 39	10 16	3 24	4 18	1 5	8 34	1 52	22 18	0 8	8 26	2 44	2 45	0 34	23 9	0 31	1 33	10 27	8 57	8 26	19 48			n.a.
M 7	20 5	16 29	1 32	10 4	3 32	3 48	1 11	8 45	1 52	22 20	0 8	8 27	2 44	2 46	0 34	23 9	0 31	1 33	10 26	8 59	8 28	19 51			n.a.
T 8	19 52	10 38	0 20	9 54	3 39	3 18	1 16	8 55	1 51	22 22	0 8	8 28	2 44	2 47	0 34	23 9	0 31	1 34	10 26	8 59	8 29	19 53			n.a.
W 9	19 38	4 13	0n55	9 47	3 45	2 48	1 21	9 6	1 51	22 23	0 8	8 30	2 45	2 48	0 34	23 9	0 31	1 35	10 25	8 59	8 30	19 56			n.a.
T 10	19 24	2n28	2 7	9 43	3 50	2 17	1 27	9 16	1 50	22 25	0 8	8 31	2 45	2 49	0 34	23 10	0 31	1 35	10 25	8 58	8 31	19 59			n.a.
F 11	19 9	9 5	3 13	9 43	3 54	1 47	1 33	9 26	1 50	22 26	0 8	8 33	2 45	2 49	0 34	23 10	0 31	1 36	10 25	8 58	8 32	20 1			n.a.
S 12	18 54	15 18	4 7	9 45	3 57	1 17	1 38	9 36	1 49	22 28	0 7	8 34	2 45	2 50	0 34	23 10	0 31	1 36	10 24	8 57	8 34	20 4			n.a.
S 13	18 39	20 44	4 47	9 51	3 59	0 46	1 44	9 46	1 49	22 29	0 7	8 35	2 46	2 51	0 34	23 10	0 31	1 37	10 24	8 57	8 35	20 6			n.a.
M14	18 24	25 1	5 9	10 1	4 0	0 16	1 50	9 56	1 48	22 31	0 7	8 37	2 46	2 52	0 34	23 10	0 31	1 38	10 23	8 58	8 36	20 9			n.a.
T 15	18 8	27 46	5 12	10 15	3 59	0s14	1 55	10 5	1 48	22 32	0 7	8 39	2 46	2 53	0 34	23 10	0 31	1 38	10 23	8 59	8 37	20 11			n.a.
W16	17 52	28 43	4 56	10 32	3 56	0 44	2 1	10 15	1 47	22 34	0 7	8 40	2 46	2 54	0 34	23 10	0 31	1 39	10 22	9 0	8 38	20 14			n.a.
T 17	17 35	27 48	4 23	10 53	3 51	1 14	2 7	10 24	1 46	22 35	0 7	8 42	2 46	2 55	0 34	23 10	0 31	1 40	10 22	9 2	8 40	20 16			n.a.
F 18	17 18	25 9	3 34	11 17	3 44	1 44	2 13	10 33	1 46	22 36	0 7	8 43	2 47	2 56	0 34	23 10	0 31	1 40	10 21	9 3	8 41	20 19			n.a.
S 19	17 1	21 6	2 34	11 45	3 36	2 14	2 19	10 42	1 45	22 38	0 7	8 45	2 47	2 57	0 33	23 10	0 31	1 41	10 21	9 4	8 42	20 21			n.a.
S 20	16 44	16 3	1 26	12 15	3 25	2 44	2 25	10 51	1 45	22 39	0 7	8 47	2 47	2 58	0 33	23 10	0 31	1 42	10 21	9 5	8 43	20 24			n.a.
M21	16 26	10 22	0 15	12 48	3 12	3 14	2 30	10 59	1 44	22 40	0 7	8 48	2 47	2 59	0 33	23 10	0 31	1 43	10 20	9 5	8 44	20 26			n.a.
T 22	16 9	4 24	0s55	13 22	2 58	3 43	2 36	11 8	1 43	22 41	0 6	8 50	2 47	3 0	0 33	23 11	0 31	1 43	10 20	9 5	8 46	20 28			n.a.
W23	15 50	1s36	2 1	13 58	2 41	4 12	2 42	11 16	1 42	22 43	0 6	8 52	2 48	3 1	0 33	23 11	0 31	1 44	10 19	9 5	8 47	20 31			n.a.
T 24	15 32	7 26	3 0	14 33	2 24	4 42	2 48	11 24	1 42	22 44	0 6	8 54	2 48	3 3	0 33	23 11	0 31	1 45	10 19	9 4	8 48	20 33			n.a.
F 25	15 13	12 54	3 50	15 8	2 5	5 11	2 54	11 32	1 41	22 45	0 6	8 55	2 48	3 4	0 33	23 11	0 31	1 46	10 19	9 3	8 49	20 36			n.a.
S 26	14 54	17 50	4 30	15 42	1 45	5 40	3 0	11 39	1 40	22 46	0 6	8 57	2 48	3 5	0 33	23 11	0 31	1 46	10 18	9 3	8 50	20 38			n.a.
S 27	14 35	22 5	4 58	16 13	1 26	6 8	3 6	11 47	1 39	22 47	0 6	8 59	2 48	3 6	0 33	23 11	0 31	1 47	10 18	9 3	8 52	20 41			n.a.
M28	14 15	25 26	5 13	16 42	1 6	6 37	3 12	11 54	1 38	22 48	0 6	9 1	2 48	3 7	0 33	23 11	0 31	1 48	10 17	9 3	8 53	20 43			n.a.
T 29	13 56	27 43	5 15	17 9	0 46	7 5	3 18	12 2	1 38	22 49	0 6	9 3	2 48	3 8	0 33	23 11	0 31	1 49	10 17	9 3	8 54	20 46			n.a.
W30	13 36	28 44	5 3	17 31	0 27	7 33	3 24	12 9	1 37	22 51	0 6	9 5	2 49	3 9	0 33	23 11	0 31	1 49	10 17	9 4	8 55	20 48			n.a.
T 31	13n15	28s18	4s37	17n50	0s 8	8s 0	3s30	12n15	1s36	22n52	0s 6	9s 6	2s49	3s11	0n33	23n11	0s31	1s50	10n16	9s 4	8s56	20s50			n.a.

Julian Day Number = 1278221.5, Delta T = 08h10m39s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'24, Lahiri = -20°42'24 Julian Calendar 1 Aug. 1214 BCE == Greg. Calendar 21 July 1214 BCE

The year -1213 astronomical counting style corresponds to year 1214 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1214 BCE
geocentric

SEPTEMBER 1214 BCE (-1213) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 53 48	26♌25'27	18♉46	10♌20	12♎52	6♉20	14♊52	13°R37	9♎12	23♊50	29♎24	7°R 1	7♓20	14♏13	n.a.	F 1
S 2	21 57 44	27°24'55	1♒50	10°36	13°47	6°37	15° 0	13♓32	9°15	23°52	29°25	7♓ 0	7°17	14°20	n.a.	S 2
S 3	22 1 41	28°24'26	15°15	11° 3	14°41	6°53	15° 7	13°28	9°18	23°53	29°27	6°59	7°14	14°26	n.a.	S 3
M 4	22 5 37	29°23'58	28°59	11°39	15°34	7° 9	15°15	13°23	9°21	23°54	29°28	6°59	7°11	14°33	n.a.	M 4
T 5	22 9 34	0♍23'32	12♓59	12°24	16°27	7°24	15°22	13°18	9°24	23°55	29°30	6°D58	7° 7	14°40	n.a.	T 5
W 6	22 13 30	1°23'09	27°11	13°17	17°19	7°38	15°29	13°14	9°27	23°56	29°31	6°59	7° 4	14°46	n.a.	W 6
T 7	22 17 27	2°22'48	11♈32	14°18	18°11	7°52	15°36	13° 9	9°30	23°57	29°32	6°59	7° 1	14°53	n.a.	T 7
F 8	22 21 23	3°22'29	25°57	15°25	19° 2	8° 5	15°43	13° 4	9°33	23°58	29°34	7° 0	6°58	15° 0	n.a.	F 8
S 9	22 25 20	4°22'13	10♉20	16°38	19°52	8°17	15°50	12°59	9°37	23°59	29°35	7° 0	6°55	15° 7	n.a.	S 9
S 10	22 29 17	5°21'59	24°39	17°55	20°42	8°29	15°57	12°55	9°40	24° 0	29°37	7° 0	6°52	15°13	n.a.	S 10
M11	22 33 13	6°21'48	8♊50	19°18	21°31	8°40	16° 3	12°50	9°43	24° 1	29°38	7°R 0	6°48	15°20	n.a.	M11
T 12	22 37 10	7°21'39	22°51	20°44	22°19	8°51	16°10	12°45	9°46	24° 2	29°40	7°D 0	6°45	15°27	n.a.	T 12
W13	22 41 6	8°21'32	6♋41	22°13	23° 6	9° 1	16°16	12°40	9°50	24° 3	29°42	7° 0	6°42	15°33	n.a.	W13
T 14	22 45 3	9°21'28	20°19	23°44	23°52	9°10	16°22	12°35	9°53	24° 4	29°43	7° 0	6°39	15°40	n.a.	T 14
F 15	22 48 59	10°21'26	3♌44	25°18	24°38	9°18	16°28	12°30	9°56	24° 5	29°45	7° 1	6°36	15°47	n.a.	F 15
S 16	22 52 56	11°21'27	16°56	26°54	25°22	9°26	16°33	12°25	10° 0	24° 5	29°47	7° 1	6°32	15°54	n.a.	S 16
S 17	22 56 52	12°21'29	29°55	28°30	26° 6	9°32	16°39	12°21	10° 3	24° 6	29°48	7° 1	6°29	16° 0	n.a.	S 17
M18	23 0 49	13°21'34	12♍40	0♍ 8	26°49	9°38	16°44	12°16	10° 7	24° 7	29°50	7°R 1	6°26	16° 7	n.a.	M18
T 19	23 4 45	14°21'40	25°12	1°47	27°30	9°44	16°50	12°11	10°10	24° 8	29°52	7° 1	6°23	16°14	n.a.	T 19
W20	23 8 42	15°21'49	7♎31	3°26	28°11	9°48	16°55	12° 6	10°13	24° 8	29°54	7° 0	6°20	16°20	n.a.	W20
T 21	23 12 39	16°21'59	19°40	5° 6	28°50	9°52	17° 0	12° 1	10°17	24° 9	29°55	6°59	6°17	16°27	n.a.	T 21
F 22	23 16 35	17°22'11	1♏40	6°46	29°28	9°55	17° 4	11°56	10°20	24° 9	29°57	6°57	6°13	16°34	n.a.	F 22
S 23	23 20 32	18°22'25	13°34	8°26	0♏ 5	9°57	17° 9	11°51	10°24	24°10	29°59	6°56	6°10	16°41	n.a.	S 23
S 24	23 24 28	19°22'41	25°25	10° 6	0°41	9°58	17°13	11°47	10°28	24°10	0♏ 1	6°54	6° 7	16°47	n.a.	S 24
M25	23 28 25	20°22'58	7♐17	11°46	1°16	9°R58	17°17	11°42	10°31	24°11	0° 3	6°53	6° 4	16°54	n.a.	M25
T 26	23 32 21	21°23'18	19°16	13°25	1°49	9°58	17°21	11°37	10°35	24°11	0° 5	6°D53	6° 1	17° 1	n.a.	T 26
W27	23 36 18	22°23'38	1♑24	15° 5	2°20	9°56	17°25	11°32	10°38	24°12	0° 7	6°53	5°58	17° 7	n.a.	W27
T 28	23 40 14	23°24'01	13°48	16°44	2°50	9°54	17°29	11°28	10°42	24°12	0° 9	6°54	5°54	17°14	n.a.	T 28
F 29	23 44 11	24°24'25	26°31	18°23	3°19	9°51	17°32	11°23	10°45	24°13	0°10	6°55	5°51	17°21	n.a.	F 29
S 30	23 48 8	25♍24'50	9♒37	20♍ 2	3♏45	9♉47	17♊36	11♓18	10♎49	24♊13	0♏12	6♓57	5♓48	17♏28	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n55	26s24	3s56	18n 5	0n 9	8s28	3s36	12n22	1s35	22n53	0s 5	9s 8	2s49	3s12	0n33	23n11	0s31	1s51	10n16	9s 5	8s58	20s53		n.a.
S 2	12 34	23 3	3 2	18 16	0 25	8 55	3 42	12 29	1 34	22 54	0 5	9 10	2 49	3 13	0 33	23 11	0 31	1 52	10 15	9 5	8 59	20 55		n.a.
S 3	12 13	18 24	1 57	18 23	0 40	9 22	3 48	12 35	1 33	22 55	0 5	9 12	2 49	3 14	0 33	23 11	0 31	1 53	10 15	9 6	9 0	20 58		n.a.
M 4	11 52	12 43	0 44	18 26	0 54	9 48	3 53	12 41	1 32	22 55	0 5	9 14	2 49	3 16	0 33	23 11	0 31	1 54	10 15	9 6	9 1	21 0		n.a.
T 5	11 31	6 17	0n33	18 25	1 6	10 15	3 59	12 47	1 31	22 56	0 5	9 16	2 49	3 17	0 33	23 11	0 31	1 54	10 14	9 6	9 2	21 2		n.a.
W 6	11 10	0n32	1 50	18 20	1 17	10 40	4 5	12 53	1 30	22 57	0 5	9 18	2 49	3 18	0 33	23 11	0 31	1 55	10 14	9 6	9 4	21 5		n.a.
T 7	10 48	7 24	3 0	18 11	1 26	11 6	4 11	12 58	1 29	22 58	0 5	9 20	2 50	3 19	0 33	23 11	0 31	1 56	10 13	9 6	9 5	21 7		n.a.
F 8	10 26	13 53	3 59	17 59	1 35	11 31	4 16	13 4	1 27	22 59	0 5	9 22	2 50	3 21	0 33	23 12	0 31	1 57	10 13	9 5	9 6	21 9		n.a.
S 9	10 4	19 38	4 43	17 44	1 41	11 56	4 22	13 9	1 26	23 0	0 5	9 24	2 50	3 22	0 33	23 12	0 31	1 58	10 13	9 5	9 7	21 12		n.a.
S 10	9 42	24 15	5 10	17 25	1 47	12 20	4 28	13 14	1 25	23 1	0 4	9 26	2 50	3 23	0 33	23 12	0 31	1 59	10 12	9 5	9 8	21 14		n.a.
M11	9 20	27 21	5 17	17 3	1 52	12 44	4 33	13 18	1 24	23 2	0 4	9 28	2 50	3 25	0 33	23 12	0 31	2 0	10 12	9 5	9 10	21 17		n.a.
T 12	8 57	28 43	5 5	16 39	1 55	13 7	4 38	13 23	1 23	23 2	0 4	9 29	2 50	3 26	0 33	23 12	0 31	2 0	10 12	9 5	9 11	21 19		n.a.
W13	8 34	28 15	4 36	16 12	1 58	13 30	4 44	13 27	1 21	23 3	0 4	9 31	2 50	3 27	0 33	23 12	0 31	2 1	10 11	9 5	9 12	21 21		n.a.
T 14	8 12	26 5	3 51	15 43	2 0	13 53	4 49	13 32	1 20	23 4	0 4	9 33	2 50	3 29	0 33	23 12	0 31	2 2	10 11	9 5	9 13	21 24		n.a.
F 15	7 49	22 28	2 54	15 11	2 0	14 15	4 54	13 35	1 19	23 5	0 4	9 35	2 50	3 30	0 33	23 12	0 31	2 3	10 11	9 5	9 14	21 26		n.a.
S 16	7 25	17 45	1 49	14 38	2 1	14 36	4 59	13 39	1 17	23 5	0 4	9 37	2 50	3 31	0 33	23 12	0 31	2 4	10 10	9 5	9 16	21 28		n.a.
S 17	7 2	12 18	0 39	14 3	2 0	14 57	5 4	13 43	1 16	23 6	0 4	9 39	2 50	3 33	0 33	23 12	0 31	2 5	10 10	9 5	9 17	21 31		n.a.
M18	6 39	6 26	0s31	13 27	1 58	15 18	5 9	13 46	1 15	23 7	0 4	9 41	2 50	3 34	0 33	23 12	0 31	2 6	10 10	9 5	9 18	21 33		n.a.
T 19	6 15	0 26	1 39	12 50	1 57	15 37	5 14	13 49	1 13	23 7	0 3	9 43	2 50	3 35	0 33	23 12	0 31	2 7	10 9	9 5	9 19	21 35		n.a.
W20	5 52	5s29	2 41	12 11	1 54	15 57	5 19	13 52	1 12	23 8	0 3	9 45	2 50	3 37	0 33	23 12	0 31	2 8	10 9	9 5	9 20	21 37		n.a.
T 21	5 28	11 7	3 35	11 31	1 51	16 15	5 23	13 55	1 10	23 8	0 3	9 47	2 50	3 38	0 33	23 12	0 31	2 9	10 9	9 6	9 22	21 40		n.a.
F 22	5 4	16 16	4 18	10 50	1 48	16 33	5 27	13 57	1 8	23 9	0 3	9 49	2 50	3 40	0 33	23 12	0 31	2 10	10 8	9 6	9 23	21 42		n.a.
S 23	4 40	20 46	4 50	10 9	1 44	16 51	5 32	13 59	1 7	23 10	0 3	9 51	2 50	3 41	0 33	23 12	0 31	2 10	10 8	9 7	9 24	21 44		n.a.
S 24	4 16	24 26	5 10	9 27	1 40	17 7	5 36	14 1	1 5	23 10	0 3	9 52	2 50	3 43	0 33	23 12	0 31	2 11	10 8	9 7	9 25	21 47		n.a.
M25	3 52	27 5	5 16	8 44	1 35	17 23	5 39	14 3	1 3	23 11	0 3	9 54	2 50	3 44	0 33	23 12	0 31	2 12	10 7	9 8	9 26	21 49		n.a.
T 26	3 28	28 31	5 9	8 1	1 30	17 39	5 43	14 4	1 2	23 11	0 3	9 56	2 50	3 45	0 33	23 12	0 31	2 13	10 7	9 8	9 27	21 51		n.a.
W27	3 4	28 38	4 48	7 17	1 25	17 53	5 46	14 6	1 0	23 12	0 2	9 58	2 50	3 47	0 33	23 12	0 31	2 14	10 7	9 8	9 29	21 53		n.a.
T 28	2 40	27 18	4 13	6 33	1 20	18 7	5 50	14 7	0 58	23 12	0 2	10 0	2 50	3 48	0 33	23 12	0 31	2 15	10 6	9 8	9 30	21 56		n.a.
F 29	2 15	24 33	3 25	5 48	1 15	18 20	5 53	14 7	0 56	23 13	0 2	10 1	2 50	3 50	0 33	23 12	0 31	2 16	10 6	9 7	9 31	21 58		n.a.
S 30	1n51	20s28	2s25	5n 4	1n 9	18s32	5s55	14n 8	0s54	23n13	0s 2	10s 3	2s50	3s51	0n33	23n12	0s31	2s17	10n 6	9s 7	9s32	22s 0		n.a.

Julian Day Number = 1278252.5, Delta T = 08h10m37s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'20, Lahiri = -20°42'19 Julian Calendar 1 Sept. 1214 BCE == Greg. Calendar 21 Aug. 1214 BCE

The year -1213 astronomical counting style corresponds to year 1214 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1214 BCE
geocentric

OCTOBER 1214 BCE (-1213) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 52 4	26♍25'17	23♒ 8	21♍40	4♏11	9°R42	17♊39	11°R14	10♎53	24♊13	0♏14	6♓58	5♓45	17♏34	n.a.	S 1
M 2	23 56 1	27°25'46	7♓ 4	23°19	4°34	9♉37	17°42	11♓ 9	10°56	24°13	0°16	6°R58	5°42	17°41	n.a.	M 2
T 3	23 59 57	28°26'16	21°23	24°56	4°56	9°30	17°44	11° 4	11° 0	24°14	0°18	6°58	5°38	17°48	n.a.	T 3
W 4	0 3 54	29°26'48	6♈ 0	26°34	5°15	9°23	17°47	11° 0	11° 4	24°14	0°21	6°56	5°35	17°55	n.a.	W 4
T 5	0 7 50	0♎27'21	20°50	28°11	5°33	9°15	17°49	10°56	11° 7	24°14	0°23	6°53	5°32	18° 1	n.a.	T 5
F 6	0 11 47	1°27'57	5♉43	29°47	5°49	9° 6	17°52	10°51	11°11	24°14	0°25	6°50	5°29	18° 8	n.a.	F 6
S 7	0 15 43	2°28'34	20°33	1♎24	6° 2	8°56	17°53	10°47	11°15	24°14	0°27	6°46	5°26	18°15	n.a.	S 7
S 8	0 19 40	3°29'13	5♊10	3° 0	6°14	8°45	17°55	10°42	11°19	24°14	0°29	6°43	5°23	18°21	n.a.	S 8
M 9	0 23 37	4°29'55	19°32	4°36	6°23	8°33	17°57	10°38	11°22	24°R14	0°31	6°41	5°19	18°28	n.a.	M 9
T 10	0 27 33	5°30'38	3♋34	6°11	6°30	8°21	17°58	10°34	11°26	24°14	0°33	6°D40	5°16	18°35	n.a.	T 10
W11	0 31 30	6°31'23	17°16	7°47	6°35	8° 7	18° 0	10°30	11°30	24°14	0°35	6°41	5°13	18°42	n.a.	W11
T 12	0 35 26	7°32'09	0♌39	9°22	6°38	7°53	18° 1	10°26	11°33	24°14	0°37	6°42	5°10	18°48	n.a.	T 12
F 13	0 39 23	8°32'58	13°44	10°56	6°R38	7°38	18° 1	10°22	11°37	24°14	0°40	6°44	5° 7	18°55	n.a.	F 13
S 14	0 43 19	9°33'48	26°34	12°31	6°36	7°22	18° 2	10°18	11°41	24°14	0°42	6°45	5° 4	19° 2	n.a.	S 14
S 15	0 47 16	10°34'39	9♍12	14° 5	6°31	7° 6	18° 2	10°14	11°45	24°13	0°44	6°R45	5° 0	19° 8	n.a.	S 15
M16	0 51 12	11°35'32	21°38	15°40	6°24	6°49	18° 3	10°10	11°48	24°13	0°46	6°44	4°57	19°15	n.a.	M16
T 17	0 55 9	12°36'27	3♎54	17°14	6°14	6°31	18°R 3	10° 7	11°52	24°13	0°48	6°41	4°54	19°22	n.a.	T 17
W18	0 59 6	13°37'23	16° 3	18°47	6° 2	6°12	18° 2	10° 3	11°56	24°13	0°51	6°36	4°51	19°29	n.a.	W18
T 19	1 3 2	14°38'20	28° 4	20°21	5°48	5°53	18° 2	9°59	12° 0	24°12	0°53	6°30	4°48	19°35	n.a.	T 19
F 20	1 6 59	15°39'19	10♏ 0	21°55	5°31	5°33	18° 1	9°56	12° 3	24°12	0°55	6°22	4°44	19°42	n.a.	F 20
S 21	1 10 55	16°40'18	21°53	23°28	5°12	5°13	18° 1	9°52	12° 7	24°12	0°57	6°14	4°41	19°49	n.a.	S 21
S 22	1 14 52	17°41'19	3♐43	25° 2	4°50	4°52	18° 0	9°49	12°11	24°11	1° 0	6° 6	4°38	19°55	n.a.	S 22
M23	1 18 48	18°42'21	15°35	26°35	4°27	4°31	17°59	9°46	12°15	24°11	1° 2	6° 0	4°35	20° 2	n.a.	M23
T 24	1 22 45	19°43'24	27°32	28° 8	4° 1	4° 9	17°57	9°43	12°18	24°10	1° 4	5°55	4°32	20° 9	n.a.	T 24
W25	1 26 41	20°44'27	9♑37	29°41	3°33	3°47	17°56	9°40	12°22	24°10	1° 6	5°53	4°29	20°16	n.a.	W25
T 26	1 30 38	21°45'31	21°55	1♏14	3° 3	3°24	17°54	9°37	12°26	24° 9	1° 9	5°D52	4°25	20°22	n.a.	T 26
F 27	1 34 35	22°46'36	4♒31	2°47	2°32	3° 1	17°52	9°34	12°29	24° 8	1°11	5°52	4°22	20°29	n.a.	F 27
S 28	1 38 31	23°47'42	17°30	4°20	2° 0	2°38	17°50	9°31	12°33	24° 8	1°13	5°54	4°19	20°36	n.a.	S 28
S 29	1 42 28	24°48'48	0♓55	5°53	1°26	2°15	17°47	9°28	12°37	24° 7	1°16	5°R55	4°16	20°42	n.a.	S 29
M30	1 46 24	25°49'55	14°49	7°26	0°51	1°51	17°45	9°26	12°40	24° 6	1°18	5°54	4°13	20°49	n.a.	M30
T 31	1 50 21	26♎51'03	29♓12	8♏58	0♏15	1♉28	17♊42	9♓23	12♎44	24♊ 6	1♏20	5♓52	4♓ 9	20♏56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	1n27	15s13	1s16	4n19	1n 3	18s43	5s58	14n 8	0s52	23n13	0s 2	10s 5	2s50	3s53	0n33	23n12	0s31	2s18	10n 6	9s 6	9s33	22s 2			n.a.
M 2	1 2	9 3	0n 1	3 34	0 57	18 53	6 0	14 8	0 50	23 14	0 2	10 7	2 50	3 54	0 33	23 12	0 31	2 19	10 5	9 6	9 35	22 5			n.a.
T 3	0 38	2 16	1 19	2 49	0 51	19 2	6 2	14 8	0 48	23 14	0 2	10 8	2 50	3 56	0 32	23 12	0 31	2 20	10 5	9 6	9 36	22 7			n.a.
W 4	0 13	4n46	2 33	2 4	0 45	19 11	6 3	14 8	0 46	23 15	0 2	10 10	2 49	3 57	0 32	23 12	0 31	2 21	10 5	9 7	9 37	22 9			n.a.
T 5	0s11	11 37	3 38	1 20	0 39	19 18	6 4	14 7	0 44	23 15	0 1	10 12	2 49	3 59	0 32	23 12	0 31	2 22	10 5	9 8	9 38	22 11			n.a.
F 6	0 36	17 52	4 29	0 35	0 32	19 24	6 5	14 6	0 42	23 15	0 1	10 13	2 49	4 0	0 32	23 12	0 31	2 23	10 4	9 9	9 39	22 13			n.a.
S 7	1 0	23 1	5 1	0s10	0 26	19 29	6 6	14 5	0 40	23 16	0 1	10 15	2 49	4 2	0 32	23 12	0 31	2 24	10 4	9 10	9 41	22 16			n.a.
S 8	1 25	26 39	5 13	0 55	0 19	19 33	6 6	14 4	0 38	23 16	0 1	10 16	2 49	4 3	0 32	23 12	0 31	2 25	10 4	9 12	9 42	22 18			n.a.
M 9	1 49	28 30	5 6	1 40	0 13	19 36	6 6	14 2	0 35	23 16	0 1	10 18	2 49	4 4	0 32	23 12	0 31	2 26	10 4	9 12	9 43	22 20			n.a.
T 10	2 13	28 27	4 40	2 24	0 6	19 38	6 5	14 0	0 33	23 16	0 1	10 19	2 49	4 6	0 32	23 12	0 31	2 26	10 3	9 13	9 44	22 22			n.a.
W11	2 38	26 39	3 58	3 8	0s 0	19 38	6 3	13 58	0 31	23 17	0 1	10 21	2 49	4 7	0 32	23 12	0 31	2 27	10 3	9 13	9 45	22 24			n.a.
T 12	3 2	23 21	3 5	3 52	0 7	19 38	6 2	13 55	0 28	23 17	0 0	10 22	2 49	4 9	0 32	23 12	0 31	2 28	10 3	9 12	9 46	22 27			n.a.
F 13	3 27	18 56	2 3	4 36	0 13	19 36	5 59	13 53	0 26	23 17	0 0	10 24	2 48	4 10	0 32	23 12	0 31	2 29	10 3	9 11	9 48	22 29			n.a.
S 14	3 51	13 44	0 55	5 20	0 20	19 32	5 57	13 50	0 24	23 17	0 0	10 25	2 48	4 12	0 32	23 12	0 31	2 30	10 2	9 11	9 49	22 31			n.a.
S 15	4 15	8 3	0s13	6 3	0 26	19 27	5 53	13 47	0 21	23 18	0 0	10 27	2 48	4 13	0 32	23 12	0 31	2 31	10 2	9 11	9 50	22 33			n.a.
M16	4 40	2 9	1 20	6 46	0 32	19 21	5 49	13 43	0 19	23 18	0n 0	10 28	2 48	4 15	0 32	23 12	0 31	2 32	10 2	9 11	9 51	22 35			n.a.
T 17	5 4	3s45	2 22	7 28	0 39	19 14	5 45	13 40	0 16	23 18	0 0	10 29	2 48	4 16	0 32	23 12	0 31	2 33	10 2	9 12	9 52	22 37			n.a.
W18	5 28	9 26	3 17	8 10	0 45	19 5	5 39	13 36	0 14	23 18	0 0	10 30	2 48	4 18	0 32	23 12	0 31	2 34	10 2	9 14	9 54	22 39			n.a.
T 19	5 52	14 44	4 3	8 52	0 51	18 54	5 34	13 32	0 11	23 18	0 0	10 32	2 47	4 19	0 32	23 12	0 31	2 35	10 2	9 17	9 55	22 42			n.a.
F 20	6 16	19 26	4 37	9 33	0 57	18 42	5 27	13 28	0 8	23 18	0 1	10 33	2 47	4 21	0 32	23 12	0 31	2 36	10 1	9 19	9 56	22 44			n.a.
S 21	6 40	23 21	4 59	10 14	1 3	18 29	5 20	13 23	0 6	23 18	0 1	10 34	2 47	4 22	0 32	23 12	0 31	2 37	10 1	9 22	9 57	22 46			n.a.
S 22	7 3	26 17	5 8	10 55	1 9	18 14	5 12	13 18	0 3	23 18	0 1	10 35	2 47	4 24	0 32	23 12	0 31	2 38	10 1	9 25	9 58	22 48			n.a.
M23	7 27	28 5	5 4	11 34	1 14	17 57	5 3	13 14	0 1	23 18	0 1	10 36	2 47	4 25	0 32	23 12	0 31	2 39	10 1	9 28	9 59	22 50			n.a.
T 24	7 50	28 36	4 47	12 14	1 20	17 40	4 54	13 9	0n 2	23 18	0 1	10 37	2 47	4 27	0 32	23 12	0 31	2 40	10 1	9 30	10 1	22 52			n.a.
W25	8 14	27 46	4 17	12 53	1 25	17 21	4 44	13 3	0 5	23 18	0 1	10 38	2 46	4 28	0 32	23 12	0 31	2 41	10 1	9 31	10 2	22 54			n.a.
T 26	8 37	25 33	3 35	13 31	1 31	17 0	4 33	12 58	0 7	23 18	0 2	10 39	2 46	4 30	0 32	23 12	0 31	2 41	10 0	9 31	10 3	22 56			n.a.
F 27	9 0	22 3	2 41	14 8	1 36	16 39	4 22	12 53	0 10	23 18	0 2	10 40	2 46	4 31	0 32	23 12	0 31	2 42	10 0	9 31	10 4	22 58			n.a.
S 28	9 23	17 24	1 38	14 45	1 40	16 16	4 10	12 47	0 13	23 18	0 2	10 41	2 46	4 33	0 32	23 12	0 31	2 43	10 0	9 30	10 5	23 0			n.a.
S 29	9 46	11 45	0 27	15 21	1 45	15 52	3 58	12 41	0 15	23 18	0 2	10 42	2 45	4 34	0 32	23 12	0 31	2 44	10 0	9 30	10 7	23 2			n.a.
M30	10 9	5 21	0n48	15 56	1 49	15 27	3 45	12 36	0 18	23 18	0 2	10 42	2 45	4 36	0 32	23 12	0 31	2 45	10 0	9 30	10 8	23 5			n.a.
T 31	10s31	1n32	2n 2	16s31	1s53	15s 2	3s31	12n30	0n21	23n18	0n 2	10s43	2s45	4s37	0n32	23n12	0s31	2s46	10n 0	9s31	10s 9	23s 7			n.a.

Julian Day Number = 1278282.5, Delta T = 08h10m36s
Ecliptic obliquity = 23°50'29, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'16, Lahiri = -20°42'15 Julian Calendar 1 Oct. 1214 BCE == Greg. Calendar 20 Sept. 1214 BCE

The year -1213 astronomical counting style corresponds to year 1214 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1214 BCE
geocentric

NOVEMBER 1214 BCE (-1213) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 54 17	27♎52'11	14♈ 0	10♏31	29°R39	1°R 4	17°R39	9°R21	12♎48	24°R 5	1♏23	5°R48	4♓ 6	21♏ 3	n.a.	W 1
T 2	1 58 14	28°53'20	29° 6	12° 3	29♎ 2	0♉40	17♊36	9♓19	12°51	24♊ 4	1°25	5♓41	4° 3	21° 9	n.a.	T 2
F 3	2 2 10	29°54'30	14♉22	13°35	28°26	0°17	17°33	9°16	12°55	24° 3	1°27	5°32	4° 0	21°16	n.a.	F 3
S 4	2 6 7	0♏55'41	29°36	15° 6	27°50	29♈53	17°29	9°14	12°59	24° 3	1°30	5°24	3°57	21°23	n.a.	S 4
S 5	2 10 4	1°56'52	14♊37	16°38	27°14	29°30	17°25	9°12	13° 2	24° 2	1°32	5°15	3°54	21°30	n.a.	S 5
M 6	2 14 0	2°58'05	29°17	18° 9	26°39	29° 7	17°22	9°11	13° 6	24° 1	1°34	5° 9	3°50	21°36	n.a.	M 6
T 7	2 17 57	3°59'18	13♋32	19°39	26° 5	28°44	17°17	9° 9	13° 9	24° 0	1°36	5° 5	3°47	21°43	n.a.	T 7
W 8	2 21 53	5° 0'32	27°19	21° 9	25°32	28°21	17°13	9° 7	13°13	23°59	1°39	5° 3	3°44	21°50	n.a.	W 8
T 9	2 25 50	6° 1'47	10♌40	22°38	25° 0	27°58	17° 9	9° 6	13°16	23°58	1°41	5°D 2	3°41	21°56	n.a.	T 9
F 10	2 29 46	7° 3'03	23°38	24° 6	24°31	27°36	17° 4	9° 4	13°20	23°57	1°43	5° 3	3°38	22° 3	n.a.	F 10
S 11	2 33 43	8° 4'20	6♍17	25°33	24° 3	27°15	17° 0	9° 3	13°23	23°56	1°46	5°R 3	3°35	22°10	n.a.	S 11
S 12	2 37 40	9° 5'37	18°41	26°59	23°37	26°54	16°55	9° 2	13°27	23°55	1°48	5° 2	3°31	22°17	n.a.	S 12
M13	2 41 36	10° 6'54	0♎53	28°23	23°13	26°33	16°49	9° 0	13°30	23°54	1°50	4°59	3°28	22°23	n.a.	M13
T 14	2 45 33	11° 8'12	12°58	29°46	22°51	26°13	16°44	8°59	13°34	23°53	1°53	4°53	3°25	22°30	n.a.	T 14
W15	2 49 29	12° 9'31	24°56	1♐ 6	22°32	25°53	16°39	8°59	13°37	23°51	1°55	4°44	3°22	22°37	n.a.	W15
T 16	2 53 26	13°10'50	6♏51	2°24	22°15	25°34	16°33	8°58	13°41	23°50	1°57	4°32	3°19	22°43	n.a.	T 16
F 17	2 57 22	14°12'09	18°44	3°38	22° 0	25°16	16°27	8°57	13°44	23°49	1°59	4°19	3°15	22°50	n.a.	F 17
S 18	3 1 19	15°13'28	0♐36	4°49	21°48	24°58	16°22	8°57	13°47	23°48	2° 2	4° 4	3°12	22°57	n.a.	S 18
S 19	3 5 15	16°14'48	12°28	5°56	21°38	24°41	16°16	8°56	13°51	23°47	2° 4	3°50	3° 9	23° 4	n.a.	S 19
M20	3 9 12	17°16'07	24°22	6°58	21°31	24°25	16° 9	8°56	13°54	23°45	2° 6	3°38	3° 6	23°10	n.a.	M20
T 21	3 13 9	18°17'27	6♑21	7°55	21°26	24° 9	16° 3	8°56	13°57	23°44	2° 9	3°28	3° 3	23°17	n.a.	T 21
W22	3 17 5	19°18'46	18°27	8°45	21°D24	23°54	15°57	8°D55	14° 0	23°43	2°11	3°22	3° 0	23°24	n.a.	W22
T 23	3 21 2	20°20'05	0♒43	9°28	21°24	23°40	15°50	8°55	14° 4	23°41	2°13	3°18	2°56	23°31	n.a.	T 23
F 24	3 24 58	21°21'23	13°15	10° 3	21°27	23°27	15°43	8°56	14° 7	23°40	2°15	3°16	2°53	23°37	n.a.	F 24
S 25	3 28 55	22°22'41	26° 6	10°29	21°32	23°14	15°37	8°56	14°10	23°39	2°17	3°16	2°50	23°44	n.a.	S 25
S 26	3 32 51	23°23'59	9♓21	10°45	21°39	23° 3	15°30	8°56	14°13	23°37	2°20	3°16	2°47	23°51	n.a.	S 26
M27	3 36 48	24°25'16	23° 3	10°R50	21°49	22°52	15°23	8°57	14°16	23°36	2°22	3°15	2°44	23°57	n.a.	M27
T 28	3 40 44	25°26'32	7♈15	10°44	22° 1	22°42	15°16	8°57	14°19	23°34	2°24	3°11	2°41	24° 4	n.a.	T 28
W29	3 44 41	26°27'48	21°56	10°27	22°15	22°33	15° 8	8°58	14°22	23°33	2°26	3° 5	2°37	24°11	n.a.	W29
T 30	3 48 38	27♏29'03	7♉ 0	9♐57	22♎31	22♈24	15♊ 1	8♓59	14♎25	23♊31	2♏28	2♓56	2♓34	24♏18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10s53	8n31	3n10	17s 4	1s57	14s36	3s17	12n24	0n23	23n18	0n 2	10s44	2s45	4s38	0n32	23n12	0s31	2s47	10n 0	9s32	10s10	23s 9		n.a.
T 2	11 16	15 9	4 6	17 37	2 1	14 9	3 2	12 18	0 26	23 18	0 3	10 45	2 45	4 40	0 32	23 12	0 31	2 48	10 0	9 35	10 11	23 11		n.a.
F 3	11 38	20 56	4 45	18 9	2 4	13 42	2 48	12 12	0 28	23 17	0 3	10 45	2 44	4 41	0 32	23 12	0 31	2 49	9 59	9 38	10 12	23 13		n.a.
S 4	11 59	25 20	5 3	18 39	2 7	13 14	2 32	12 6	0 31	23 17	0 3	10 46	2 44	4 43	0 32	23 11	0 31	2 50	9 59	9 41	10 14	23 15		n.a.
S 5	12 21	27 55	5 1	19 9	2 9	12 47	2 17	12 0	0 33	23 17	0 3	10 46	2 44	4 44	0 32	23 11	0 31	2 50	9 59	9 44	10 15	23 17		n.a.
M 6	12 42	28 29	4 39	19 37	2 11	12 20	2 2	11 54	0 36	23 17	0 3	10 47	2 44	4 46	0 32	23 11	0 31	2 51	9 59	9 47	10 16	23 19		n.a.
T 7	13 4	27 6	3 59	20 5	2 13	11 53	1 46	11 48	0 38	23 17	0 3	10 47	2 43	4 47	0 32	23 11	0 31	2 52	9 59	9 48	10 17	23 21		n.a.
W 8	13 24	24 6	3 7	20 30	2 14	11 26	1 30	11 42	0 41	23 16	0 3	10 48	2 43	4 48	0 32	23 11	0 31	2 53	9 59	9 49	10 18	23 23		n.a.
T 9	13 45	19 53	2 6	20 55	2 15	11 0	1 15	11 36	0 43	23 16	0 4	10 48	2 43	4 50	0 32	23 11	0 31	2 54	9 59	9 49	10 19	23 25		n.a.
F 10	14 6	14 49	1 1	21 18	2 15	10 34	0 59	11 30	0 45	23 16	0 4	10 48	2 43	4 51	0 32	23 11	0 31	2 55	9 59	9 49	10 21	23 27		n.a.
S 11	14 26	9 15	0s 7	21 39	2 15	10 9	0 44	11 24	0 48	23 16	0 4	10 49	2 42	4 53	0 32	23 11	0 31	2 56	9 59	9 49	10 22	23 29		n.a.
S 12	14 46	3 27	1 12	21 59	2 14	9 46	0 29	11 19	0 50	23 15	0 4	10 49	2 42	4 54	0 32	23 11	0 31	2 56	9 59	9 49	10 23	23 31		n.a.
M13	15 6	2s23	2 13	22 17	2 12	9 23	0 14	11 13	0 52	23 15	0 4	10 49	2 42	4 55	0 32	23 11	0 31	2 57	9 59	9 50	10 24	23 33		n.a.
T 14	15 25	8 4	3 7	22 33	2 10	9 1	0n 1	11 8	0 54	23 14	0 4	10 49	2 42	4 57	0 32	23 11	0 31	2 58	9 59	9 53	10 25	23 35		n.a.
W15	15 44	13 24	3 52	22 48	2 7	8 41	0 15	11 2	0 57	23 14	0 5	10 49	2 41	4 58	0 32	23 11	0 31	2 59	9 59	9 56	10 26	23 37		n.a.
T 16	16 3	18 13	4 27	23 0	2 3	8 21	0 29	10 57	0 59	23 14	0 5	10 49	2 41	4 59	0 32	23 11	0 31	3 0	9 59	10 1	10 28	23 39		n.a.
F 17	16 22	22 19	4 50	23 10	1 58	8 3	0 43	10 52	1 1	23 13	0 5	10 49	2 41	5 1	0 32	23 11	0 31	3 0	9 59	10 6	10 29	23 40		n.a.
S 18	16 40	25 30	5 0	23 18	1 52	7 46	0 56	10 48	1 3	23 13	0 5	10 49	2 41	5 2	0 32	23 11	0 31	3 1	9 59	10 11	10 30	23 42		n.a.
S 19	16 59	27 35	4 57	23 23	1 46	7 31	1 8	10 43	1 5	23 12	0 5	10 49	2 40	5 3	0 32	23 11	0 31	3 2	9 59	10 16	10 31	23 44		n.a.
M20	17 16	28 24	4 41	23 27	1 38	7 17	1 21	10 39	1 7	23 12	0 5	10 49	2 40	5 5	0 32	23 11	0 31	3 3	9 59	10 20	10 32	23 46		n.a.
T 21	17 34	27 54	4 13	23 27	1 29	7 4	1 32	10 35	1 8	23 11	0 6	10 49	2 40	5 6	0 32	23 11	0 31	3 3	9 59	10 24	10 33	23 48		n.a.
W22	17 51	26 4	3 33	23 25	1 18	6 53	1 44	10 31	1 10	23 11	0 6	10 49	2 39	5 7	0 32	23 11	0 31	3 4	9 59	10 26	10 35	23 50		n.a.
T 23	18 8	22 59	2 43	23 21	1 7	6 43	1 54	10 27	1 12	23 10	0 6	10 49	2 39	5 8	0 32	23 10	0 31	3 5	9 59	10 28	10 36	23 52		n.a.
F 24	18 24	18 47	1 44	23 13	0 54	6 35	2 5	10 24	1 14	23 10	0 6	10 48	2 39	5 10	0 32	23 10	0 31	3 6	9 59	10 29	10 37	23 54		n.a.
S 25	18 40	13 37	0 38	23 3	0 40	6 28	2 14	10 20	1 15	23 9	0 6	10 48	2 39	5 11	0 32	23 10	0 31	3 6	9 59	10 29	10 38	23 56		n.a.
S 26	18 56	7 42	0n32	22 50	0 24	6 22	2 24	10 17	1 17	23 9	0 6	10 48	2 38	5 12	0 32	23 10	0 31	3 7	9 59	10 29	10 39	23 58		n.a.
M27	19 12	1 14	1 43	22 34	0 8	6 17	2 33	10 15	1 18	23 8	0 7	10 47	2 38	5 13	0 32	23 10	0 31	3 8	9 59	10 29	10 40	24 0		n.a.
T 28	19 27	5n30	2 49	22 16	0n10	6 14	2 41	10 12	1 20	23 7	0 7	10 47	2 38	5 14	0 33	23 10	0 31	3 9	9 59	10 30	10 42	24 1		n.a.
W29	19 41	12 10	3 47	21 55	0 29	6 12	2 49	10 10	1 21	23 7	0 7	10 46	2 38	5 16	0 33	23 10	0 31	3 9	9 59	10 33	10 43	24 3		n.a.
T 30	19s56	18n19	4n30	21s31	0n48	6s11	2n56	10n 8	1n23	23n 6	0n 7	10s46	2s37	5s17	0n33	23n10	0s31	3s10	9n59	10s36	10s44	24s 5		n.a.

Julian Day Number = 1278313.5, Delta T = 08h10m34s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'12, Lahiri = -20°42'11 Julian Calendar 1 Nov. 1214 BCE == Greg. Calendar 21 Oct. 1214 BCE

The year -1213 astronomical counting style corresponds to year 1214 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1214 BCE
geocentric

DECEMBER 1214 BCE (-1213) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 52 34	28♏30'18	22♉19	9°R16	22♎49	22°R17	14°R54	9♓ 0	14♎28	23°R30	2♏30	2°R45	2♓31	24♏24	n.a.	F 1
S 2	3 56 31	29°31'33	7♊42	8♐24	23° 9	22♈10	14♊46	9° 1	14°31	23♊28	2°33	2♓33	2°28	24°31	n.a.	S 2
S 3	4 0 27	0♐32'47	22°57	7°23	23°32	22° 4	14°39	9° 2	14°34	23°27	2°35	2°22	2°25	24°38	n.a.	S 3
M 4	4 4 24	1°34'01	7♋53	6°13	23°56	21°59	14°31	9° 3	14°37	23°25	2°37	2°13	2°21	24°44	n.a.	M 4
T 5	4 8 20	2°35'15	22°23	4°58	24°21	21°54	14°23	9° 5	14°40	23°24	2°39	2° 6	2°18	24°51	n.a.	T 5
W 6	4 12 17	3°36'28	6♌23	3°40	24°49	21°51	14°15	9° 6	14°43	23°22	2°41	2° 2	2°15	24°58	n.a.	W 6
T 7	4 16 14	4°37'41	19°52	2°21	25°18	21°48	14° 8	9° 8	14°45	23°21	2°43	2° 1	2°12	25° 5	n.a.	T 7
F 8	4 20 10	5°38'53	2♍55	1° 3	25°49	21°46	14° 0	9° 9	14°48	23°19	2°45	2° 0	2° 9	25°11	n.a.	F 8
S 9	4 24 7	6°40'05	15°33	29♏50	26°21	21°45	13°52	9°11	14°51	23°18	2°47	2° 0	2° 6	25°18	n.a.	S 9
S 10	4 28 3	7°41'17	27°54	28°42	26°55	21°D45	13°44	9°13	14°53	23°16	2°49	1°59	2° 2	25°25	n.a.	S 10
M11	4 32 0	8°42'28	10♎ 1	27°42	27°30	21°45	13°36	9°15	14°56	23°14	2°51	1°55	1°59	25°32	n.a.	M11
T 12	4 35 56	9°43'38	21°59	26°50	28° 7	21°46	13°28	9°17	14°58	23°13	2°53	1°49	1°56	25°38	n.a.	T 12
W13	4 39 53	10°44'48	3♏52	26° 7	28°45	21°48	13°20	9°20	15° 1	23°11	2°55	1°40	1°53	25°45	n.a.	W13
T 14	4 43 50	11°45'57	15°43	25°33	29°24	21°50	13°12	9°22	15° 3	23° 9	2°57	1°27	1°50	25°52	n.a.	T 14
F 15	4 47 46	12°47'06	27°35	25° 8	0♏ 5	21°54	13° 4	9°24	15° 6	23° 8	2°59	1°13	1°47	25°58	n.a.	F 15
S 16	4 51 43	13°48'13	9♐28	24°53	0°46	21°58	12°56	9°27	15° 8	23° 6	3° 1	0°58	1°43	26° 5	n.a.	S 16
S 17	4 55 39	14°49'20	21°25	24°D46	1°29	22° 3	12°48	9°30	15°11	23° 4	3° 2	0°44	1°40	26°12	n.a.	S 17
M18	4 59 36	15°50'26	3♑26	24°48	2°12	22° 8	12°40	9°32	15°13	23° 3	3° 4	0°31	1°37	26°19	n.a.	M18
T 19	5 3 32	16°51'30	15°32	24°57	2°57	22°14	12°32	9°35	15°15	23° 1	3° 6	0°21	1°34	26°25	n.a.	T 19
W20	5 7 29	17°52'33	27°46	25°13	3°43	22°21	12°24	9°38	15°17	22°59	3° 8	0°13	1°31	26°32	n.a.	W20
T 21	5 11 25	18°53'35	10♒10	25°36	4°30	22°28	12°16	9°41	15°19	22°58	3°10	0° 9	1°27	26°39	n.a.	T 21
F 22	5 15 22	19°54'35	22°46	26° 4	5°17	22°36	12° 8	9°45	15°22	22°56	3°11	0° 7	1°24	26°46	n.a.	F 22
S 23	5 19 19	20°55'34	5♓37	26°38	6° 6	22°45	12° 0	9°48	15°24	22°54	3°13	0°D 7	1°21	26°52	n.a.	S 23
S 24	5 23 15	21°56'32	18°48	27°17	6°55	22°55	11°52	9°51	15°26	22°53	3°15	0°R 7	1°18	26°59	n.a.	S 24
M25	5 27 12	22°57'27	2♈21	28° 1	7°45	23° 5	11°44	9°55	15°28	22°51	3°17	0° 7	1°15	27° 6	n.a.	M25
T 26	5 31 8	23°58'22	16°19	28°48	8°36	23°15	11°36	9°58	15°30	22°49	3°18	0° 5	1°12	27°12	n.a.	T 26
W27	5 35 5	24°59'14	0♉42	29°40	9°27	23°26	11°29	10° 2	15°32	22°48	3°20	0° 0	1° 8	27°19	n.a.	W27
T 28	5 39 1	26° 0'05	15°28	0♐34	10°19	23°38	11°21	10° 6	15°33	22°46	3°21	29♒53	1° 5	27°26	n.a.	T 28
F 29	5 42 58	27° 0'55	0♊31	1°32	11°12	23°50	11°14	10°10	15°35	22°44	3°23	29°44	1° 2	27°33	n.a.	F 29
S 30	5 46 55	28° 1'43	15°42	2°33	12° 6	24° 3	11° 6	10°14	15°37	22°43	3°25	29°35	0°59	27°39	n.a.	S 30
S 31	5 50 51	29♐ 2'29	0♋51	3♐36	13♏ 0	24♈16	10♊59	10♓18	15♎39	22♊41	3♏26	29♒25	0♓56	27♏46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s10	23n24	4n55	21s 6	1n 8	6s11	3n 3	10n 7	1n24	23n 5	0n 7	10s45	2s37	5s18	0n33	23n10	0s31	3s11	9n59	10s40	10s45	24s 7		n.a.
S 2	20 23	26 52	4 59	20 38	1 28	6 13	3 10	10 5	1 25	23 5	0 7	10 44	2 37	5 19	0 33	23 10	0 31	3 11	9 59	10 44	10 46	24 9		n.a.
S 3	20 36	28 19	4 41	20 9	1 47	6 15	3 16	10 4	1 27	23 4	0 7	10 44	2 36	5 20	0 33	23 10	0 31	3 12	9 59	10 48	10 47	24 11		n.a.
M 4	20 49	27 40	4 4	19 39	2 6	6 19	3 22	10 3	1 28	23 3	0 8	10 43	2 36	5 21	0 33	23 10	0 31	3 13	9 59	10 52	10 49	24 13		n.a.
T 5	21 2	25 7	3 13	19 8	2 23	6 23	3 27	10 3	1 29	23 2	0 8	10 42	2 36	5 22	0 33	23 10	0 31	3 13	9 59	10 54	10 50	24 14		n.a.
W 6	21 14	21 6	2 11	18 39	2 39	6 29	3 32	10 2	1 30	23 2	0 8	10 41	2 36	5 23	0 33	23 10	0 31	3 14	9 59	10 56	10 51	24 16		n.a.
T 7	21 25	16 6	1 4	18 10	2 52	6 35	3 37	10 2	1 31	23 1	0 8	10 40	2 35	5 24	0 33	23 10	0 31	3 14	9 59	10 56	10 52	24 18		n.a.
F 8	21 36	10 32	0s 5	17 43	3 4	6 43	3 41	10 2	1 32	23 0	0 8	10 39	2 35	5 26	0 33	23 9	0 31	3 15	9 59	10 56	10 53	24 20		n.a.
S 9	21 47	4 42	1 11	17 19	3 13	6 51	3 45	10 3	1 33	22 59	0 8	10 38	2 35	5 27	0 33	23 9	0 31	3 16	9 59	10 56	10 54	24 22		n.a.
S 10	21 57	1s10	2 12	16 58	3 19	7 0	3 49	10 4	1 34	22 58	0 9	10 37	2 35	5 28	0 33	23 9	0 31	3 16	9 59	10 57	10 55	24 23		n.a.
M11	22 7	6 53	3 6	16 41	3 23	7 9	3 52	10 5	1 35	22 58	0 9	10 36	2 34	5 29	0 33	23 9	0 31	3 17	10 0	10 58	10 57	24 25		n.a.
T 12	22 17	12 16	3 51	16 27	3 25	7 20	3 55	10 6	1 36	22 57	0 9	10 35	2 34	5 30	0 33	23 9	0 31	3 17	10 0	11 0	10 58	24 27		n.a.
W13	22 26	17 10	4 26	16 17	3 25	7 31	3 57	10 7	1 37	22 56	0 9	10 34	2 34	5 31	0 33	23 9	0 31	3 18	10 0	11 4	10 59	24 29		n.a.
T 14	22 35	21 25	4 49	16 11	3 24	7 43	4 0	10 9	1 37	22 55	0 9	10 33	2 33	5 32	0 33	23 9	0 31	3 18	10 0	11 8	11 0	24 30		n.a.
F 15	22 43	24 48	4 59	16 8	3 20	7 55	4 2	10 11	1 38	22 54	0 9	10 32	2 33	5 32	0 33	23 9	0 31	3 19	10 0	11 13	11 1	24 32		n.a.
S 16	22 50	27 7	4 56	16 9	3 15	8 8	4 4	10 13	1 39	22 53	0 10	10 31	2 33	5 33	0 33	23 9	0 31	3 19	10 0	11 19	11 2	24 34		n.a.
S 17	22 58	28 13	4 41	16 13	3 10	8 22	4 5	10 16	1 39	22 52	0 10	10 29	2 33	5 34	0 33	23 9	0 31	3 20	10 0	11 24	11 4	24 36		n.a.
M18	23 4	28 0	4 12	16 20	3 3	8 36	4 6	10 18	1 40	22 51	0 10	10 28	2 32	5 35	0 33	23 9	0 31	3 20	10 0	11 28	11 5	24 37		n.a.
T 19	23 11	26 26	3 32	16 29	2 55	8 50	4 7	10 21	1 41	22 51	0 10	10 27	2 32	5 36	0 33	23 9	0 31	3 21	10 1	11 32	11 6	24 39		n.a.
W20	23 17	23 36	2 42	16 41	2 47	9 5	4 8	10 24	1 41	22 50	0 10	10 25	2 32	5 37	0 33	23 9	0 31	3 21	10 1	11 35	11 7	24 41		n.a.
T 21	23 22	19 39	1 44	16 55	2 39	9 20	4 8	10 28	1 42	22 49	0 10	10 24	2 32	5 38	0 33	23 8	0 31	3 22	10 1	11 36	11 8	24 43		n.a.
F 22	23 27	14 46	0 39	17 10	2 30	9 36	4 9	10 31	1 42	22 48	0 10	10 22	2 31	5 39	0 33	23 8	0 31	3 22	10 1	11 37	11 9	24 44		n.a.
S 23	23 31	9 9	0n29	17 27	2 20	9 52	4 9	10 35	1 43	22 47	0 11	10 21	2 31	5 39	0 33	23 8	0 31	3 23	10 1	11 37	11 10	24 46		n.a.
S 24	23 35	3 1	1 38	17 46	2 11	10 8	4 9	10 39	1 43	22 46	0 11	10 19	2 31	5 40	0 33	23 8	0 31	3 23	10 1	11 37	11 12	24 48		n.a.
M25	23 39	3n26	2 42	18 5	2 1	10 25	4 8	10 43	1 44	22 45	0 11	10 18	2 31	5 41	0 33	23 8	0 31	3 24	10 1	11 37	11 13	24 49		n.a.
T 26	23 42	9 53	3 40	18 25	1 51	10 42	4 8	10 48	1 44	22 44	0 11	10 16	2 30	5 42	0 33	23 8	0 31	3 24	10 2	11 38	11 14	24 51		n.a.
W27	23 45	16 2	4 25	18 46	1 42	10 59	4 7	10 52	1 45	22 43	0 11	10 15	2 30	5 42	0 33	23 8	0 31	3 24	10 2	11 39	11 15	24 53		n.a.
T 28	23 47	21 25	4 54	19 7	1 32	11 16	4 6	10 57	1 45	22 42	0 11	10 13	2 30	5 43	0 33	23 8	0 31	3 25	10 2	11 42	11 16	24 54		n.a.
F 29	23 48	25 32	5 3	19 29	1 22	11 34	4 5	11 2	1 46	22 41	0 11	10 11	2 30	5 44	0 33	23 8	0 31	3 25	10 2	11 45	11 17	24 56		n.a.
S 30	23 50	27 53	4 51	19 50	1 12	11 52	4 4	11 7	1 46	22 40	0 12	10 9	2 29	5 44	0 33	23 8	0 30	3 25	10 2	11 49	11 18	24 58		n.a.
S 31	23s50	28n 9	4n19	20s12	1n 3	12s10	4n 2	11n12	1n46	22n40	0n12	10s 8	2s29	5s45	0n33	23n 8	0s30	3s26	10n 2	11s52	11s20	24s59		n.a.

Julian Day Number = 1278343.5, Delta T = 08h10m32s
Ecliptic obliquity = 23°50'27, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'08, Lahiri = -20°42'07 Julian Calendar 1 Dec. 1214 BCE == Greg. Calendar 20 Nov. 1214 BCE

The year -1213 astronomical counting style corresponds to year 1214 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1213 BCE
geocentric

JANUARY 1213 BCE (-1212) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 54 48	0♉ 3'14	15♋47	4♐41	13♏55	24♈30	10°R52	10♓22	15♎40	22°R39	3♏28	29°R17	0♓53	27♏53	n.a.	M 1
T 2	5 58 44	1° 3'57	0♌22	5°49	14°50	24°44	10♊44	10°26	15°42	22♊38	3°29	29♒11	0°49	28° 0	n.a.	T 2
W 3	6 2 41	2° 4'39	14°30	6°59	15°46	24°59	10°37	10°31	15°43	22°36	3°30	29° 8	0°46	28° 6	n.a.	W 3
T 4	6 6 37	3° 5'20	28° 9	8°11	16°43	25°15	10°30	10°35	15°45	22°34	3°32	29°D 7	0°43	28°13	n.a.	T 4
F 5	6 10 34	4° 5'59	11♍19	9°24	17°40	25°30	10°24	10°40	15°46	22°33	3°33	29° 8	0°40	28°20	n.a.	F 5
S 6	6 14 30	5° 6'37	24° 5	10°39	18°38	25°47	10°17	10°44	15°48	22°31	3°35	29° 9	0°37	28°26	n.a.	S 6
S 7	6 18 27	6° 7'13	6♎30	11°56	19°36	26° 3	10°10	10°49	15°49	22°29	3°36	29°R 9	0°33	28°33	n.a.	S 7
M 8	6 22 24	7° 7'48	18°39	13°14	20°34	26°20	10° 4	10°54	15°50	22°28	3°37	29° 8	0°30	28°40	n.a.	M 8
T 9	6 26 20	8° 8'22	0♏37	14°34	21°33	26°38	9°57	10°59	15°52	22°26	3°38	29° 5	0°27	28°47	n.a.	T 9
W10	6 30 17	9° 8'54	12°30	15°55	22°32	26°56	9°51	11° 4	15°53	22°24	3°40	29° 0	0°24	28°53	n.a.	W10
T 11	6 34 13	10° 9'25	24°20	17°17	23°32	27°14	9°45	11° 9	15°54	22°23	3°41	28°53	0°21	29° 0	n.a.	T 11
F 12	6 38 10	11° 9'54	6♐12	18°40	24°32	27°33	9°39	11°14	15°55	22°21	3°42	28°45	0°18	29° 7	n.a.	F 12
S 13	6 42 6	12°10'21	18° 9	20° 5	25°33	27°52	9°33	11°19	15°56	22°20	3°43	28°35	0°14	29°14	n.a.	S 13
S 14	6 46 3	13°10'47	0♑12	21°31	26°34	28°12	9°28	11°24	15°57	22°18	3°44	28°26	0°11	29°20	n.a.	S 14
M15	6 49 59	14°11'11	12°22	22°57	27°35	28°31	9°22	11°29	15°58	22°17	3°45	28°18	0° 8	29°27	n.a.	M15
T 16	6 53 56	15°11'33	24°41	24°25	28°37	28°52	9°17	11°35	15°59	22°15	3°47	28°11	0° 5	29°34	n.a.	T 16
W17	6 57 53	16°11'53	7♒10	25°55	29°39	29°12	9°12	11°40	15°59	22°13	3°48	28° 7	0° 2	29°40	n.a.	W17
T 18	7 1 49	17°12'11	19°49	27°25	0♐41	29°33	9° 7	11°46	16° 0	22°12	3°49	28° 5	29♒59	29°47	n.a.	T 18
F 19	7 5 46	18°12'27	2♓40	28°56	1°44	29°55	9° 2	11°52	16° 1	22°10	3°50	28°D 5	29°55	29°54	n.a.	F 19
S 20	7 9 42	19°12'41	15°44	0♑28	2°46	0♉16	8°57	11°57	16° 2	22° 9	3°50	28° 6	29°52	0♐ 1	n.a.	S 20
S 21	7 13 39	20°12'52	29° 3	2° 2	3°49	0°38	8°53	12° 3	16° 2	22° 8	3°51	28° 7	29°49	0° 7	n.a.	S 21
M22	7 17 35	21°13'02	12♈38	3°36	4°53	1° 1	8°48	12° 9	16° 3	22° 6	3°52	28° 9	29°46	0°14	n.a.	M22
T 23	7 21 32	22°13'09	26°30	5°11	5°56	1°23	8°44	12°15	16° 3	22° 5	3°53	28°R 9	29°43	0°21	n.a.	T 23
W24	7 25 28	23°13'13	10♉40	6°48	7° 0	1°46	8°40	12°21	16° 4	22° 3	3°54	28° 7	29°39	0°27	n.a.	W24
T 25	7 29 25	24°13'16	25° 6	8°25	8° 4	2° 9	8°36	12°27	16° 4	22° 2	3°55	28° 5	29°36	0°34	n.a.	T 25
F 26	7 33 22	25°13'16	9♊45	10° 4	9° 9	2°33	8°33	12°33	16° 4	22° 1	3°55	28° 1	29°33	0°41	n.a.	F 26
S 27	7 37 18	26°13'14	24°30	11°44	10°13	2°57	8°29	12°39	16° 5	21°59	3°56	27°56	29°30	0°48	n.a.	S 27
S 28	7 41 15	27°13'09	9♋15	13°24	11°18	3°21	8°26	12°45	16° 5	21°58	3°57	27°51	29°27	0°54	n.a.	S 28
M29	7 45 11	28°13'03	23°53	15° 6	12°23	3°45	8°23	12°52	16° 5	21°57	3°57	27°47	29°24	1° 1	n.a.	M29
T 30	7 49 8	29°12'54	8♌15	16°49	13°28	4° 9	8°20	12°58	16° 5	21°55	3°58	27°45	29°20	1° 8	n.a.	T 30
W31	7 53 4	0♒12'43	22♌17	18♉34	14♐34	4♉34	8♊17	13♓ 4	16°R 5	21♊54	3♏59	27°D43	29♒17	1♐15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	23 s50	26n21	3n30	20 s34	0n53	12 s28	4n 0	11n18	1n47	22n39	0n12	10 s 6	2 s29	5 s46	0n33	23n 8	0 s30	3 s26	10n 3	11 s55	11 s21	25 s 1					n.a.
T 2	23 50	22 48	2 27	20 55	0 44	12 46	3 59	11 24	1 47	22 38	0 12	10 4	2 29	5 46	0 33	23 7	0 30	3 26	10 3	11 57	11 22	25 3					n.a.
W 3	23 49	17 59	1 17	21 16	0 35	13 4	3 57	11 29	1 47	22 37	0 12	10 2	2 28	5 47	0 33	23 7	0 30	3 27	10 3	11 58	11 23	25 4					n.a.
T 4	23 48	12 24	0 5	21 37	0 26	13 22	3 55	11 35	1 47	22 36	0 12	10 0	2 28	5 47	0 33	23 7	0 30	3 27	10 3	11 58	11 24	25 6					n.a.
F 5	23 47	6 26	1 s 5	21 57	0 17	13 40	3 53	11 41	1 48	22 35	0 12	9 58	2 28	5 48	0 33	23 7	0 30	3 27	10 3	11 58	11 25	25 7					n.a.
S 6	23 44	0 25	2 10	22 17	0 8	13 58	3 50	11 48	1 48	22 34	0 13	9 56	2 28	5 48	0 33	23 7	0 30	3 28	10 4	11 58	11 26	25 9					n.a.
S 7	23 42	5 s28	3 7	22 36	0 s 0	14 16	3 48	11 54	1 48	22 33	0 13	9 54	2 28	5 49	0 33	23 7	0 30	3 28	10 4	11 58	11 28	25 11					n.a.
M 8	23 39	11 1	3 54	22 55	0 9	14 35	3 45	12 0	1 48	22 33	0 13	9 52	2 27	5 49	0 33	23 7	0 30	3 28	10 4	11 58	11 29	25 12					n.a.
T 9	23 35	16 5	4 30	23 13	0 17	14 53	3 42	12 7	1 48	22 32	0 13	9 50	2 27	5 50	0 33	23 7	0 30	3 28	10 4	11 59	11 30	25 14					n.a.
W10	23 31	20 30	4 54	23 29	0 25	15 11	3 40	12 14	1 49	22 31	0 13	9 48	2 27	5 50	0 33	23 7	0 30	3 28	10 4	12 1	11 31	25 15					n.a.
T 11	23 27	24 6	5 6	23 45	0 32	15 28	3 37	12 21	1 49	22 30	0 13	9 46	2 27	5 51	0 33	23 7	0 30	3 29	10 5	12 3	11 32	25 17					n.a.
F 12	23 22	26 41	5 4	24 0	0 40	15 46	3 34	12 28	1 49	22 29	0 13	9 43	2 26	5 51	0 33	23 7	0 30	3 29	10 5	12 6	11 33	25 19					n.a.
S 13	23 16	28 6	4 49	24 14	0 47	16 4	3 31	12 35	1 49	22 29	0 13	9 41	2 26	5 51	0 33	23 7	0 30	3 29	10 5	12 10	11 34	25 20					n.a.
S 14	23 11	28 12	4 21	24 27	0 54	16 21	3 27	12 42	1 49	22 28	0 14	9 39	2 26	5 52	0 33	23 7	0 30	3 29	10 5	12 13	11 36	25 22					n.a.
M15	23 4	26 56	3 41	24 39	1 0	16 38	3 24	12 50	1 49	22 27	0 14	9 37	2 26	5 52	0 33	23 7	0 30	3 29	10 5	12 16	11 37	25 23					n.a.
T 16	22 58	24 20	2 51	24 50	1 7	16 55	3 21	12 57	1 49	22 26	0 14	9 34	2 26	5 52	0 33	23 6	0 30	3 29	10 6	12 18	11 38	25 25					n.a.
W17	22 50	20 34	1 51	24 59	1 13	17 12	3 17	13 5	1 49	22 26	0 14	9 32	2 25	5 53	0 33	23 6	0 30	3 30	10 6	12 20	11 39	25 26					n.a.
T 18	22 43	15 49	0 45	25 7	1 18	17 29	3 14	13 12	1 50	22 25	0 14	9 30	2 25	5 53	0 33	23 6	0 30	3 30	10 6	12 20	11 40	25 28					n.a.
F 19	22 35	10 18	0n25	25 14	1 24	17 45	3 10	13 20	1 50	22 24	0 14	9 27	2 25	5 53	0 34	23 6	0 30	3 30	10 6	12 20	11 41	25 29					n.a.
S 20	22 26	4 16	1 34	25 19	1 29	18 1	3 6	13 28	1 50	22 24	0 14	9 25	2 25	5 54	0 34	23 6	0 30	3 30	10 7	12 20	11 42	25 31					n.a.
S 21	22 17	2n 4	2 40	25 23	1 34	18 17	3 3	13 36	1 50	22 23	0 14	9 23	2 25	5 54	0 34	23 6	0 30	3 30	10 7	12 20	11 44	25 32					n.a.
M22	22 8	8 25	3 39	25 26	1 38	18 32	2 59	13 44	1 50	22 23	0 14	9 20	2 24	5 54	0 34	23 6	0 30	3 30	10 7	12 19	11 45	25 34					n.a.
T 23	21 58	14 30	4 25	25 27	1 43	18 47	2 55	13 52	1 50	22 22	0 15	9 18	2 24	5 54	0 34	23 6	0 30	3 30	10 7	12 19	11 46	25 35					n.a.
W24	21 48	19 58	4 57	25 26	1 46	19 2	2 51	14 0	1 50	22 22	0 15	9 15	2 24	5 54	0 34	23 6	0 30	3 30	10 8	12 19	11 47	25 37					n.a.
T 25	21 38	24 23	5 11	25 24	1 50	19 17	2 47	14 8	1 50	22 21	0 15	9 13	2 24	5 54	0 34	23 6	0 30	3 30	10 8	12 20	11 48	25 38					n.a.
F 26	21 27	27 18	5 5	25 20	1 53	19 31	2 43	14 16	1 50	22 21	0 15	9 10	2 24	5 54	0 34	23 6	0 30	3 30	10 8	12 22	11 49	25 40					n.a.
S 27	21 16	28 22	4 39	25 14	1 56	19 44	2 39	14 25	1 50	22 20	0 15	9 8	2 24	5 55	0 34	23 6	0 30	3 30	10 8	12 24	11 50	25 41					n.a.
S 28	21 4	27 24	3 54	25 7	1 58	19 57	2 35	14 33	1 50	22 20	0 15	9 5	2 23	5 55	0 34	23 6	0 30	3 30	10 9	12 25	11 51	25 42					n.a.
M29	20 52	24 33	2 55	24 57	2 0	20 10	2 31	14 42	1 50	22 19	0 15	9 2	2 23	5 55	0 34	23 6	0 30	3 30	10 9	12 27	11 53	25 44					n.a.
T 30	20 39	20 11	1 45	24 46	2 2	20 23	2 26	14 50	1 50	22 19	0 15	9 0	2 23	5 55	0 34	23 6	0 30	3 30	10 9	12 27	11 54	25 45					n.a.
W31	20 s27	14n47	0n30	24 s33	2 s 3	20 s35	2n22	14n59	1n50	22n19	0n15	8 s57	2 s23	5 s55	0n34	23n 5	0 s30	3 s30	10n 9	12 s28	11 s55	25 s47					n.a.

Julian Day Number = 1278374.5, Delta T = 08h10m31s
Ecliptic obliquity = 23°50'27, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°49'03, Lahiri = -20°42'03 Julian Calendar 1 Jan. 1213 BCE == Greg. Calendar 21 Dec. 1214 BCE

The year -1212 astronomical counting style corresponds to year 1213 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1213 BCE
geocentric

FEBRUARY 1213 BCE (-1212) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 57 1	1♒12'30	5♍55	20♉19	15♐39	4♉59	8°R15	13♓11	16°R 5	21°R53	3♏59	27♒44	29♒14	1♐21	n.a.	T 1
F 2	8 0 57	2°12'15	19° 9	22° 5	16°45	5°25	8♊12	13°17	16♎ 5	21♊52	4° 0	27°45	29°11	1°28	n.a.	F 2
S 3	8 4 54	3°11'59	2♎ 0	23°53	17°51	5°50	8°10	13°24	16° 5	21°50	4° 0	27°46	29° 8	1°35	n.a.	S 3
S 4	8 8 51	4°11'40	14°31	25°42	18°57	6°16	8° 8	13°31	16° 5	21°49	4° 0	27°48	29° 5	1°41	n.a.	S 4
M 5	8 12 47	5°11'19	26°44	27°32	20° 4	6°42	8° 6	13°37	16° 4	21°48	4° 1	27°49	29° 1	1°48	n.a.	M 5
T 6	8 16 44	6°10'57	8♏46	29°23	21°10	7° 8	8° 5	13°44	16° 4	21°47	4° 1	27°R49	28°58	1°55	n.a.	T 6
W 7	8 20 40	7°10'33	20°41	1♒15	22°17	7°34	8° 3	13°51	16° 4	21°46	4° 2	27°49	28°55	2° 2	n.a.	W 7
T 8	8 24 37	8°10'06	2♐33	3° 9	23°24	8° 1	8° 2	13°58	16° 3	21°45	4° 2	27°47	28°52	2° 8	n.a.	T 8
F 9	8 28 33	9° 9'38	14°26	5° 4	24°31	8°28	8° 1	14° 5	16° 3	21°44	4° 2	27°44	28°49	2°15	n.a.	F 9
S 10	8 32 30	10° 9'08	26°26	7° 0	25°38	8°55	8° 0	14°11	16° 3	21°43	4° 2	27°42	28°45	2°22	n.a.	S 10
S 11	8 36 26	11° 8'36	8♑34	8°57	26°45	9°22	8° 0	14°18	16° 2	21°42	4° 3	27°39	28°42	2°29	n.a.	S 11
M12	8 40 23	12° 8'02	20°53	10°55	27°53	9°49	7°59	14°25	16° 1	21°41	4° 3	27°37	28°39	2°35	n.a.	M12
T 13	8 44 19	13° 7'26	3♒26	12°54	29° 0	10°17	7°59	14°33	16° 1	21°40	4° 3	27°35	28°36	2°42	n.a.	T 13
W14	8 48 16	14° 6'47	16°12	14°54	0♑ 8	10°45	7°D59	14°40	16° 0	21°39	4° 3	27°34	28°33	2°49	n.a.	W14
T 15	8 52 13	15° 6'07	29°12	16°55	1°16	11°13	7°59	14°47	15°59	21°38	4° 3	27°D34	28°30	2°55	n.a.	T 15
F 16	8 56 9	16° 5'24	12♓26	18°56	2°23	11°41	8° 0	14°54	15°59	21°37	4°R 3	27°34	28°26	3° 2	n.a.	F 16
S 17	9 0 6	17° 4'38	25°53	20°58	3°31	12° 9	8° 0	15° 1	15°58	21°36	4° 3	27°35	28°23	3° 9	n.a.	S 17
S 18	9 4 2	18° 3'51	9♈32	23° 1	4°40	12°38	8° 1	15° 8	15°57	21°36	4° 3	27°36	28°20	3°16	n.a.	S 18
M19	9 7 59	19° 3'01	23°22	25° 3	5°48	13° 6	8° 2	15°16	15°56	21°35	4° 3	27°36	28°17	3°22	n.a.	M19
T 20	9 11 55	20° 2'08	7♉22	27° 6	6°56	13°35	8° 3	15°23	15°55	21°34	4° 3	27°37	28°14	3°29	n.a.	T 20
W21	9 15 52	21° 1'13	21°30	29° 8	8° 4	14° 4	8° 4	15°30	15°54	21°33	4° 3	27°R37	28°11	3°36	n.a.	W21
T 22	9 19 48	22° 0'16	5♊45	1♓ 9	9°13	14°33	8° 6	15°38	15°53	21°33	4° 2	27°37	28° 7	3°43	n.a.	T 22
F 23	9 23 45	22°59'16	20° 3	3° 9	10°21	15° 2	8° 8	15°45	15°52	21°32	4° 2	27°37	28° 4	3°49	n.a.	F 23
S 24	9 27 42	23°58'14	4♋22	5° 9	11°30	15°32	8° 9	15°53	15°50	21°32	4° 2	27°36	28° 1	3°56	n.a.	S 24
S 25	9 31 38	24°57'09	18°38	7° 6	12°39	16° 1	8°11	16° 0	15°49	21°31	4° 2	27°36	27°58	4° 3	n.a.	S 25
M26	9 35 35	25°56'02	2♌47	9° 1	13°48	16°31	8°14	16° 8	15°48	21°30	4° 1	27°36	27°55	4° 9	n.a.	M26
T 27	9 39 31	26°54'52	16°44	10°54	14°57	17° 1	8°16	16°15	15°47	21°30	4° 1	27°36	27°51	4°16	n.a.	T 27
W28	9 43 28	27°53'41	0♍27	12°44	16° 6	17°31	8°19	16°23	15°45	21°29	4° 1	27°35	27°48	4°23	n.a.	W28
T 29	9 47 24	28♒52'27	13♍52	14♓31	17♑15	18♉ 1	8♊21	16♓30	15♎44	21♊29	4♏ 0	27♒35	27♒45	4♐30	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s13	8n48	0s45	24s18	2s 3	20s46	2n18	15n 7	1n50	22n18	0n16	8s54	2s23	5s55	0n34	23n 5	0s30	3s30	10n10	12s28	11s56	25s48		n.a.
F 2	20 0	2 36	1 55	24 2	2 4	20 57	2 14	15 16	1 50	22 18	0 16	8 52	2 23	5 55	0 34	23 5	0 30	3 30	10 10	12 27	11 57	25 50		n.a.
S 3	19 46	3s31	2 57	23 43	2 3	21 8	2 9	15 24	1 49	22 18	0 16	8 49	2 22	5 55	0 34	23 5	0 30	3 30	10 10	12 27	11 58	25 51		n.a.
S 4	19 32	9 19	3 49	23 22	2 3	21 18	2 5	15 33	1 49	22 18	0 16	8 46	2 22	5 54	0 34	23 5	0 30	3 30	10 10	12 26	11 59	25 52		n.a.
M 5	19 17	14 39	4 30	22 59	2 1	21 28	2 1	15 42	1 49	22 17	0 16	8 44	2 22	5 54	0 34	23 5	0 30	3 30	10 11	12 26	12 0	25 54		n.a.
T 6	19 2	19 21	4 57	22 34	2 0	21 37	1 56	15 50	1 49	22 17	0 16	8 41	2 22	5 54	0 34	23 5	0 30	3 30	10 11	12 26	12 2	25 55		n.a.
W 7	18 47	23 14	5 12	22 7	1 57	21 45	1 52	15 59	1 49	22 17	0 16	8 38	2 22	5 54	0 34	23 5	0 30	3 29	10 11	12 26	12 3	25 56		n.a.
T 8	18 32	26 8	5 14	21 38	1 55	21 53	1 47	16 8	1 49	22 17	0 16	8 35	2 22	5 54	0 34	23 5	0 30	3 29	10 11	12 27	12 4	25 58		n.a.
F 9	18 16	27 54	5 1	21 7	1 51	22 1	1 43	16 17	1 49	22 17	0 16	8 32	2 22	5 54	0 34	23 5	0 30	3 29	10 12	12 28	12 5	25 59		n.a.
S 10	18 0	28 24	4 36	20 34	1 47	22 8	1 39	16 25	1 49	22 17	0 16	8 30	2 22	5 53	0 34	23 5	0 30	3 29	10 12	12 28	12 6	26 1		n.a.
S 11	17 43	27 31	3 58	19 58	1 43	22 14	1 34	16 34	1 49	22 17	0 16	8 27	2 21	5 53	0 34	23 5	0 30	3 29	10 12	12 29	12 7	26 2		n.a.
M12	17 27	25 18	3 9	19 21	1 38	22 20	1 30	16 43	1 49	22 17	0 17	8 24	2 21	5 53	0 34	23 5	0 30	3 29	10 12	12 30	12 8	26 3		n.a.
T 13	17 9	21 49	2 9	18 42	1 32	22 25	1 25	16 52	1 49	22 17	0 17	8 21	2 21	5 53	0 34	23 5	0 30	3 28	10 13	12 31	12 9	26 5		n.a.
W14	16 52	17 14	1 2	18 0	1 26	22 29	1 21	17 1	1 48	22 17	0 17	8 18	2 21	5 52	0 34	23 5	0 30	3 28	10 13	12 31	12 11	26 6		n.a.
T 15	16 35	11 48	0n 9	17 17	1 19	22 33	1 17	17 9	1 48	22 17	0 17	8 15	2 21	5 52	0 34	23 5	0 30	3 28	10 13	12 31	12 12	26 7		n.a.
F 16	16 17	5 45	1 21	16 32	1 12	22 37	1 12	17 18	1 48	22 17	0 17	8 12	2 21	5 52	0 34	23 5	0 29	3 28	10 13	12 31	12 13	26 8		n.a.
S 17	15 59	0n38	2 30	15 45	1 4	22 40	1 8	17 27	1 48	22 17	0 17	8 9	2 21	5 51	0 34	23 5	0 29	3 28	10 13	12 31	12 14	26 10		n.a.
S 18	15 40	7 4	3 32	14 57	0 55	22 42	1 4	17 36	1 48	22 18	0 17	8 6	2 21	5 51	0 34	23 5	0 29	3 27	10 14	12 31	12 15	26 11		n.a.
M19	15 22	13 16	4 22	14 7	0 46	22 43	0 59	17 45	1 48	22 18	0 17	8 3	2 21	5 51	0 34	23 5	0 29	3 27	10 14	12 30	12 16	26 12		n.a.
T 20	15 3	18 52	4 57	13 15	0 36	22 44	0 55	17 53	1 48	22 18	0 17	8 0	2 20	5 50	0 34	23 5	0 29	3 27	10 14	12 30	12 17	26 14		n.a.
W21	14 44	23 30	5 15	12 23	0 26	22 45	0 51	18 2	1 48	22 18	0 17	7 57	2 20	5 50	0 34	23 5	0 29	3 27	10 14	12 30	12 18	26 15		n.a.
T 22	14 24	26 46	5 13	11 29	0 16	22 44	0 46	18 11	1 47	22 19	0 17	7 54	2 20	5 49	0 34	23 5	0 29	3 26	10 15	12 30	12 20	26 16		n.a.
F 23	14 5	28 20	4 53	10 35	0 5	22 44	0 42	18 20	1 47	22 19	0 17	7 51	2 20	5 49	0 34	23 5	0 29	3 26	10 15	12 30	12 21	26 17		n.a.
S 24	13 45	28 0	4 14	9 41	0n 7	22 42	0 38	18 28	1 47	22 19	0 18	7 48	2 20	5 48	0 34	23 5	0 29	3 26	10 15	12 30	12 22	26 19		n.a.
S 25	13 25	25 49	3 19	8 46	0 18	22 40	0 34	18 37	1 47	22 20	0 18	7 45	2 20	5 48	0 34	23 5	0 29	3 25	10 15	12 31	12 23	26 20		n.a.
M26	13 5	22 2	2 13	7 51	0 30	22 37	0 30	18 45	1 47	22 20	0 18	7 42	2 20	5 47	0 34	23 5	0 29	3 25	10 16	12 31	12 24	26 21		n.a.
T 27	12 45	17 2	1 0	6 57	0 42	22 34	0 26	18 54	1 47	22 21	0 18	7 39	2 20	5 47	0 34	23 5	0 29	3 25	10 16	12 31	12 25	26 22		n.a.
W28	12 24	11 15	0s16	6 3	0 54	22 30	0 22	19 3	1 46	22 21	0 18	7 36	2 20	5 46	0 34	23 5	0 29	3 24	10 16	12 31	12 26	26 24		n.a.
T 29	12s 4	5n 5	1s29	5s11	1n 6	22s25	0n18	19n11	1n46	22n22	0n18	7s33	2s20	5s46	0n34	23n 5	0s29	3s24	10n16	12s31	12s27	26s25		n.a.

Julian Day Number = 1278405.5, Delta T = 08h10m29s
Ecliptic obliquity = 23°50'27, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'59, Lahiri = -20°41'59 Julian Calendar 1 Feb. 1213 BCE == Greg. Calendar 21 Jan. 1213 BCE

The year -1212 astronomical counting style corresponds to year 1213 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1213 BCE
geocentric

MARCH 1213 BCE (-1212) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 51 21	29♒51'11	26♍59	16♓14	18♉24	18♉31	8♊24	16♓38	15°R42	21°R29	4°R 0	27°R35	27♒42	4♐36	n.a.	F 1
S 2	9 55 17	0♓49'53	9♎48	17°53	19°33	19° 2	8°28	16°46	15♎41	21♊28	3♏59	27♒35	27°39	4°43	n.a.	S 2
S 3	9 59 14	1°48'33	22°18	19°29	20°43	19°32	8°31	16°53	15°39	21°28	3°59	27°35	27°36	4°50	n.a.	S 3
M 4	10 3 10	2°47'11	4♏34	20°59	21°52	20° 3	8°34	17° 1	15°38	21°28	3°58	27°34	27°32	4°56	n.a.	M 4
T 5	10 7 7	3°45'48	16°38	22°26	23° 2	20°33	8°38	17° 9	15°36	21°27	3°58	27°33	27°29	5° 3	n.a.	T 5
W 6	10 11 4	4°44'22	28°35	23°47	24°11	21° 4	8°42	17°16	15°35	21°27	3°57	27°33	27°26	5°10	n.a.	W 6
T 7	10 15 0	5°42'55	10♐28	25° 3	25°21	21°35	8°46	17°24	15°33	21°27	3°57	27°D33	27°23	5°17	n.a.	T 7
F 8	10 18 57	6°41'27	22°22	26°14	26°31	22° 6	8°50	17°32	15°31	21°27	3°56	27°33	27°20	5°23	n.a.	F 8
S 9	10 22 53	7°39'56	4♑23	27°20	27°40	22°37	8°54	17°39	15°29	21°26	3°55	27°34	27°16	5°30	n.a.	S 9
S 10	10 26 50	8°38'23	16°34	28°20	28°50	23° 9	8°59	17°47	15°28	21°26	3°55	27°35	27°13	5°37	n.a.	S 10
M11	10 30 46	9°36'49	28°59	29°14	0♒ 0	23°40	9° 4	17°55	15°26	21°26	3°54	27°36	27°10	5°44	n.a.	M11
T 12	10 34 43	10°35'13	11♒40	0♈ 3	1°10	24°12	9° 8	18° 3	15°24	21°26	3°53	27°37	27° 7	5°50	n.a.	T 12
W13	10 38 39	11°33'35	24°41	0°46	2°20	24°43	9°13	18°11	15°22	21°D26	3°52	27°R38	27° 4	5°57	n.a.	W13
T 14	10 42 36	12°31'55	8♓ 1	1°23	3°30	25°15	9°18	18°18	15°20	21°26	3°52	27°37	27° 1	6° 4	n.a.	T 14
F 15	10 46 32	13°30'13	21°39	1°55	4°40	25°47	9°24	18°26	15°18	21°26	3°51	27°36	26°57	6°10	n.a.	F 15
S 16	10 50 29	14°28'29	5♈33	2°20	5°51	26°19	9°29	18°34	15°16	21°26	3°50	27°35	26°54	6°17	n.a.	S 16
S 17	10 54 26	15°26'44	19°40	2°40	7° 1	26°51	9°35	18°42	15°14	21°26	3°49	27°32	26°51	6°24	n.a.	S 17
M18	10 58 22	16°24'56	3♉55	2°54	8°11	27°23	9°41	18°50	15°12	21°26	3°48	27°30	26°48	6°31	n.a.	M18
T 19	11 2 19	17°23'06	18°14	3° 2	9°22	27°55	9°47	18°57	15°10	21°27	3°47	27°28	26°45	6°37	n.a.	T 19
W20	11 6 15	18°21'14	2♊33	3°R 5	10°32	28°27	9°53	19° 5	15° 8	21°27	3°46	27°26	26°42	6°44	n.a.	W20
T 21	11 10 12	19°19'19	16°48	3° 2	11°42	29° 0	9°59	19°13	15° 6	21°27	3°45	27°D26	26°38	6°51	n.a.	T 21
F 22	11 14 8	20°17'23	0♋58	2°53	12°53	29°32	10° 5	19°21	15° 3	21°27	3°44	27°26	26°35	6°58	n.a.	F 22
S 23	11 18 5	21°15'25	14°59	2°40	14° 3	0♊ 5	10°12	19°29	15° 1	21°28	3°43	27°27	26°32	7° 4	n.a.	S 23
S 24	11 22 1	22°13'24	28°51	2°22	15°14	0°37	10°18	19°37	14°59	21°28	3°42	27°28	26°29	7°11	n.a.	S 24
M25	11 25 58	23°11'22	12♌32	2° 0	16°24	1°10	10°25	19°44	14°57	21°28	3°41	27°30	26°26	7°18	n.a.	M25
T 26	11 29 55	24° 9'17	26° 2	1°34	17°35	1°43	10°32	19°52	14°55	21°29	3°40	27°R30	26°22	7°24	n.a.	T 26
W27	11 33 51	25° 7'11	9♍20	1° 5	18°46	2°16	10°39	20° 0	14°52	21°29	3°39	27°30	26°19	7°31	n.a.	W27
T 28	11 37 48	26° 5'03	22°26	0°33	19°57	2°49	10°46	20° 8	14°50	21°30	3°37	27°28	26°16	7°38	n.a.	T 28
F 29	11 41 44	27° 2'53	5♎17	29♓58	21° 7	3°22	10°54	20°16	14°48	21°30	3°36	27°25	26°13	7°45	n.a.	F 29
S 30	11 45 41	28° 0'41	17°55	29°22	22°18	3°55	11° 1	20°23	14°45	21°31	3°35	27°20	26°10	7°51	n.a.	S 30
S 31	11 49 37	28♓58'28	0♏19	28♓46	23♒29	4♊28	11♊ 9	20♓31	14♎43	21♊31	3♏34	27♒15	26♒ 7	7♐58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s43	1s10	2s36	4s19	1n18	22s20	0n14	19n19	1n46	22n22	0n18	7s30	2s20	5s45	0n34	23n 5	0s29	3s24	10n17	12s31	12s28	26s26		n.a.
S 2	11 22	7 12	3 33	3 29	1 30	22 14	0 10	19 28	1 46	22 23	0 18	7 27	2 20	5 45	0 34	23 5	0 29	3 23	10 17	12 31	12 30	26 27		n.a.
S 3	11 0	12 49	4 19	2 41	1 42	22 7	0 6	19 36	1 46	22 23	0 18	7 24	2 20	5 44	0 34	23 5	0 29	3 23	10 17	12 31	12 31	26 28		n.a.
M 4	10 39	17 49	4 52	1 54	1 53	22 0	0 2	19 44	1 46	22 24	0 18	7 21	2 20	5 43	0 34	23 5	0 29	3 23	10 17	12 31	12 32	26 29		n.a.
T 5	10 18	22 2	5 11	1 10	2 3	21 52	0s 2	19 53	1 45	22 25	0 18	7 18	2 19	5 43	0 34	23 5	0 29	3 22	10 17	12 31	12 33	26 31		n.a.
W 6	9 56	25 19	5 17	0 28	2 14	21 43	0 5	20 1	1 45	22 25	0 18	7 15	2 19	5 42	0 34	23 5	0 29	3 22	10 18	12 32	12 34	26 32		n.a.
T 7	9 34	27 29	5 9	0n11	2 23	21 34	0 9	20 9	1 45	22 26	0 18	7 11	2 19	5 41	0 34	23 5	0 29	3 21	10 18	12 32	12 35	26 33		n.a.
F 8	9 12	28 24	4 47	0 48	2 32	21 25	0 13	20 17	1 45	22 27	0 18	7 8	2 19	5 41	0 35	23 5	0 29	3 21	10 18	12 31	12 36	26 34		n.a.
S 9	8 50	28 0	4 14	1 22	2 40	21 14	0 16	20 25	1 45	22 28	0 19	7 5	2 19	5 40	0 35	23 5	0 29	3 21	10 18	12 31	12 37	26 35		n.a.
S 10	8 28	26 14	3 28	1 53	2 48	21 3	0 20	20 33	1 44	22 28	0 19	7 2	2 19	5 39	0 35	23 5	0 29	3 20	10 18	12 31	12 38	26 36		n.a.
M11	8 6	23 11	2 32	2 21	2 54	20 52	0 23	20 41	1 44	22 29	0 19	6 59	2 19	5 39	0 35	23 5	0 29	3 20	10 19	12 30	12 40	26 37		n.a.
T 12	7 43	18 58	1 27	2 46	3 0	20 40	0 27	20 49	1 44	22 30	0 19	6 56	2 19	5 38	0 35	23 5	0 29	3 19	10 19	12 30	12 41	26 39		n.a.
W13	7 21	13 46	0 16	3 8	3 5	20 27	0 30	20 57	1 44	22 31	0 19	6 53	2 19	5 37	0 35	23 5	0 29	3 19	10 19	12 30	12 42	26 40		n.a.
T 14	6 58	7 49	0n57	3 26	3 8	20 14	0 33	21 4	1 44	22 32	0 19	6 50	2 19	5 36	0 35	23 5	0 29	3 19	10 19	12 30	12 43	26 41		n.a.
F 15	6 35	1 24	2 9	3 41	3 11	20 0	0 36	21 12	1 43	22 33	0 19	6 47	2 19	5 36	0 35	23 5	0 29	3 18	10 19	12 30	12 44	26 42		n.a.
S 16	6 13	5n12	3 14	3 53	3 12	19 46	0 39	21 19	1 43	22 34	0 19	6 43	2 19	5 35	0 35	23 5	0 29	3 18	10 19	12 31	12 45	26 43		n.a.
S 17	5 50	11 39	4 9	4 1	3 13	19 31	0 42	21 27	1 43	22 34	0 19	6 40	2 19	5 34	0 35	23 5	0 29	3 17	10 20	12 32	12 46	26 44		n.a.
M18	5 27	17 33	4 49	4 6	3 12	19 15	0 45	21 34	1 43	22 35	0 19	6 37	2 19	5 33	0 35	23 5	0 29	3 17	10 20	12 33	12 47	26 45		n.a.
T 19	5 4	22 30	5 11	4 7	3 9	18 59	0 48	21 41	1 43	22 36	0 19	6 34	2 19	5 32	0 35	23 5	0 29	3 16	10 20	12 33	12 48	26 46		n.a.
W20	4 41	26 8	5 13	4 4	3 6	18 43	0 51	21 49	1 42	22 37	0 19	6 31	2 19	5 32	0 35	23 5	0 29	3 16	10 20	12 34	12 49	26 47		n.a.
T 21	4 18	28 6	4 57	3 59	3 1	18 26	0 54	21 56	1 42	22 38	0 19	6 28	2 19	5 31	0 35	23 5	0 29	3 15	10 20	12 34	12 51	26 48		n.a.
F 22	3 55	28 13	4 22	3 50	2 55	18 8	0 57	22 3	1 42	22 39	0 19	6 25	2 19	5 30	0 35	23 5	0 28	3 15	10 20	12 34	12 52	26 49		n.a.
S 23	3 31	26 30	3 33	3 38	2 47	17 50	0 59	22 10	1 42	22 40	0 19	6 22	2 19	5 29	0 35	23 5	0 28	3 14	10 21	12 34	12 53	26 50		n.a.
S 24	3 8	23 12	2 31	3 22	2 38	17 31	1 2	22 16	1 41	22 41	0 20	6 18	2 19	5 28	0 35	23 5	0 28	3 14	10 21	12 33	12 54	26 51		n.a.
M25	2 45	18 37	1 21	3 4	2 28	17 12	1 4	22 23	1 41	22 42	0 20	6 15	2 19	5 27	0 35	23 5	0 28	3 13	10 21	12 33	12 55	26 52		n.a.
T 26	2 22	13 10	0 8	2 43	2 17	16 53	1 7	22 30	1 41	22 44	0 20	6 12	2 19	5 26	0 35	23 5	0 28	3 13	10 21	12 32	12 56	26 53		n.a.
W27	1 58	7 12	1s 4	2 20	2 4	16 33	1 9	22 36	1 41	22 45	0 20	6 9	2 19	5 25	0 35	23 5	0 28	3 12	10 21	12 33	12 57	26 54		n.a.
T 28	1 35	1 2	2 12	1 55	1 51	16 12	1 12	22 43	1 40	22 46	0 20	6 6	2 19	5 24	0 35	23 6	0 28	3 12	10 21	12 33	12 58	26 55		n.a.
F 29	1 12	5s 4	3 12	1 28	1 36	15 51	1 14	22 49	1 40	22 47	0 20	6 3	2 19	5 24	0 35	23 6	0 28	3 11	10 21	12 34	12 59	26 56		n.a.
S 30	0 48	10 51	4 1	0 59	1 21	15 30	1 16	22 55	1 40	22 48	0 20	6 0	2 19	5 23	0 35	23 6	0 28	3 11	10 22	12 36	13 0	26 57		n.a.
S 31	0s25	16s 6	4s38	0n30	1n 5	15s 8	1s18	23n 1	1n40	22n49	0n20	5s57	2s19	5s22	0n35	23n 6	0s28	3s10	10n22	12s38	13s 2	26s58		n.a.

Julian Day Number = 1278434.5, Delta T = 08h10m27s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'55, Lahiri = -20°41'55 Julian Calendar 1 March 1213 BCE == Greg. Calendar 19 Feb. 1213 BCE

The year -1212 astronomical counting style corresponds to year 1213 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1213 BCE
geocentric

APRIL 1213 BCE (-1212) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 53 34	29♓56'14	12♏32	28°R 9	24♒40	5♊ 1	11♊16	20♓39	14°R41	21♊32	3°R33	27°R 9	26♒ 3	8♐ 5	n.a.	M 1
T 2	11 57 30	0♈53'58	24°35	27♓32	25°51	5°35	11°24	20°47	14♎38	21°32	3♏31	27♒ 4	26° 0	8°11	n.a.	T 2
W 3	12 1 27	1°51'41	6♐31	26°56	27° 2	6° 8	11°32	20°55	14°36	21°33	3°30	27° 0	25°57	8°18	n.a.	W 3
T 4	12 5 23	2°49'22	18°24	26°22	28°13	6°42	11°40	21° 2	14°33	21°34	3°29	26°58	25°54	8°25	n.a.	T 4
F 5	12 9 20	3°47'03	0♑17	25°51	29°24	7°15	11°49	21°10	14°31	21°35	3°27	26°D56	25°51	8°32	n.a.	F 5
S 6	12 13 17	4°44'42	12°17	25°21	0♓35	7°49	11°57	21°18	14°28	21°35	3°26	26°57	25°48	8°38	n.a.	S 6
S 7	12 17 13	5°42'20	24°27	24°55	1°46	8°22	12° 5	21°25	14°26	21°36	3°25	26°58	25°44	8°45	n.a.	S 7
M 8	12 21 10	6°39'57	6♒53	24°33	2°57	8°56	12°14	21°33	14°24	21°37	3°23	26°59	25°41	8°52	n.a.	M 8
T 9	12 25 6	7°37'32	19°38	24°14	4° 9	9°30	12°23	21°41	14°21	21°38	3°22	27° 0	25°38	8°58	n.a.	T 9
W10	12 29 3	8°35'07	2♓46	23°59	5°20	10° 4	12°31	21°48	14°19	21°39	3°20	27°R 1	25°35	9° 5	n.a.	W10
T 11	12 32 59	9°32'40	16°19	23°49	6°31	10°38	12°40	21°56	14°16	21°40	3°19	26°59	25°32	9°12	n.a.	T 11
F 12	12 36 56	10°30'12	0♈15	23°43	7°43	11°12	12°49	22° 4	14°14	21°40	3°18	26°55	25°28	9°19	n.a.	F 12
S 13	12 40 52	11°27'43	14°33	23°D42	8°54	11°46	12°58	22°11	14°11	21°41	3°16	26°50	25°25	9°25	n.a.	S 13
S 14	12 44 49	12°25'12	29° 7	23°45	10° 5	12°20	13° 8	22°19	14° 9	21°42	3°15	26°44	25°22	9°32	n.a.	S 14
M15	12 48 46	13°22'40	13♉49	23°52	11°17	12°54	13°17	22°26	14° 6	21°43	3°13	26°37	25°19	9°39	n.a.	M15
T 16	12 52 42	14°20'07	28°33	24° 4	12°28	13°29	13°26	22°34	14° 4	21°45	3°12	26°30	25°16	9°46	n.a.	T 16
W17	12 56 39	15°17'33	13♊11	24°21	13°40	14° 3	13°36	22°41	14° 1	21°46	3°10	26°25	25°13	9°52	n.a.	W17
T 18	13 0 35	16°14'57	27°38	24°42	14°51	14°38	13°46	22°49	13°59	21°47	3° 9	26°21	25° 9	9°59	n.a.	T 18
F 19	13 4 32	17°12'20	11♋50	25° 7	16° 3	15°12	13°55	22°56	13°56	21°48	3° 7	26°D20	25° 6	10° 6	n.a.	F 19
S 20	13 8 28	18° 9'42	25°45	25°36	17°14	15°47	14° 5	23° 3	13°54	21°49	3° 6	26°20	25° 3	10°12	n.a.	S 20
S 21	13 12 25	19° 7'02	9♌23	26°10	18°26	16°21	14°15	23°11	13°51	21°50	3° 4	26°21	25° 0	10°19	n.a.	S 21
M22	13 16 22	20° 4'20	22°46	26°48	19°37	16°56	14°25	23°18	13°49	21°51	3° 3	26°R21	24°57	10°26	n.a.	M22
T 23	13 20 18	21° 1'38	5♍55	27°29	20°49	17°31	14°35	23°25	13°46	21°53	3° 1	26°21	24°53	10°33	n.a.	T 23
W24	13 24 15	21°58'54	18°51	28°15	22° 1	18° 5	14°45	23°32	13°44	21°54	2°59	26°19	24°50	10°39	n.a.	W24
T 25	13 28 11	22°56'09	1♎35	29° 4	23°13	18°40	14°56	23°40	13°41	21°55	2°58	26°14	24°47	10°46	n.a.	T 25
F 26	13 32 8	23°53'23	14° 9	29°56	24°24	19°15	15° 6	23°47	13°39	21°57	2°56	26° 7	24°44	10°53	n.a.	F 26
S 27	13 36 4	24°50'37	26°33	0♈53	25°36	19°50	15°17	23°54	13°36	21°58	2°55	25°58	24°41	10°59	n.a.	S 27
S 28	13 40 1	25°47'49	8♏48	1°53	26°48	20°25	15°27	24° 1	13°34	21°59	2°53	25°47	24°38	11° 6	n.a.	S 28
M29	13 43 57	26°45'01	20°53	2°56	28° 0	21° 0	15°38	24° 8	13°31	22° 1	2°52	25°36	24°34	11°13	n.a.	M29
T 30	13 47 54	27♈42'12	2♐52	4♈ 2	29♓12	21♊35	15♊48	24♓15	13♎29	22♊ 2	2♏50	25♒26	24♒31	11♐20	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s 2	20s37	5s 1	0s 0	0n49	14s46	1s20	23n 7	1n39	22n50	0n20	5s54	2s19	5s21	0n35	23n 6	0s28	3s10	10n22	12s40	13s 3	26s59		n.a.
T 2	0n22	24 15	5 11	0 30	0 32	14 24	1 22	23 13	1 39	22 51	0 20	5 51	2 19	5 20	0 35	23 6	0 28	3 9	10 22	12 42	13 4	27 0		n.a.
W 3	0 45	26 48	5 7	1 0	0 15	14 1	1 24	23 19	1 39	22 53	0 20	5 48	2 19	5 19	0 35	23 6	0 28	3 9	10 22	12 43	13 5	27 1		n.a.
T 4	1 8	28 8	4 50	1 29	0s 2	13 37	1 25	23 25	1 39	22 54	0 20	5 44	2 20	5 18	0 35	23 6	0 28	3 8	10 22	12 44	13 6	27 2		n.a.
F 5	1 32	28 11	4 20	1 57	0 18	13 14	1 27	23 30	1 38	22 55	0 20	5 41	2 20	5 17	0 35	23 6	0 28	3 8	10 22	12 44	13 7	27 3		n.a.
S 6	1 55	26 54	3 39	2 24	0 35	12 50	1 28	23 36	1 38	22 56	0 20	5 38	2 20	5 16	0 35	23 6	0 28	3 7	10 22	12 44	13 8	27 4		n.a.
S 7	2 18	24 20	2 48	2 49	0 51	12 25	1 30	23 41	1 38	22 57	0 20	5 35	2 20	5 15	0 35	23 6	0 28	3 7	10 22	12 44	13 9	27 5		n.a.
M 8	2 41	20 35	1 47	3 13	1 6	12 0	1 31	23 46	1 38	22 59	0 20	5 32	2 20	5 14	0 35	23 6	0 28	3 6	10 22	12 43	13 10	27 6		n.a.
T 9	3 4	15 48	0 40	3 34	1 21	11 35	1 33	23 51	1 37	23 0	0 21	5 29	2 20	5 13	0 35	23 6	0 28	3 6	10 22	12 43	13 11	27 7		n.a.
W10	3 28	10 10	0n31	3 53	1 35	11 10	1 34	23 56	1 37	23 1	0 21	5 26	2 20	5 12	0 35	23 6	0 28	3 5	10 22	12 43	13 12	27 7		n.a.
T 11	3 51	3 55	1 43	4 9	1 49	10 44	1 35	24 1	1 37	23 2	0 21	5 23	2 20	5 11	0 35	23 7	0 28	3 5	10 22	12 43	13 14	27 8		n.a.
F 12	4 14	2n42	2 50	4 23	2 1	10 18	1 36	24 6	1 37	23 4	0 21	5 20	2 20	5 10	0 35	23 7	0 28	3 4	10 23	12 45	13 15	27 9		n.a.
S 13	4 36	9 19	3 48	4 34	2 13	9 52	1 37	24 10	1 36	23 5	0 21	5 17	2 20	5 9	0 35	23 7	0 28	3 4	10 23	12 46	13 16	27 10		n.a.
S 14	4 59	15 35	4 33	4 43	2 23	9 25	1 38	24 14	1 36	23 6	0 21	5 14	2 20	5 8	0 35	23 7	0 28	3 3	10 23	12 49	13 17	27 11		n.a.
M15	5 22	21 0	5 0	4 49	2 33	8 59	1 39	24 19	1 36	23 7	0 21	5 11	2 20	5 7	0 35	23 7	0 28	3 2	10 23	12 51	13 18	27 12		n.a.
T 16	5 45	25 9	5 7	4 52	2 42	8 31	1 40	24 23	1 36	23 8	0 21	5 9	2 20	5 6	0 35	23 7	0 28	3 2	10 23	12 53	13 19	27 13		n.a.
W17	6 7	27 38	4 54	4 52	2 50	8 4	1 40	24 27	1 35	23 10	0 21	5 6	2 20	5 5	0 35	23 7	0 28	3 1	10 23	12 55	13 20	27 13		n.a.
T 18	6 30	28 12	4 23	4 50	2 56	7 37	1 41	24 31	1 35	23 11	0 21	5 3	2 21	5 4	0 35	23 7	0 28	3 1	10 23	12 56	13 21	27 14		n.a.
F 19	6 52	26 53	3 36	4 45	3 2	7 9	1 42	24 34	1 35	23 12	0 21	5 0	2 21	5 3	0 35	23 7	0 28	3 0	10 23	12 57	13 22	27 15		n.a.
S 20	7 14	23 55	2 37	4 38	3 7	6 41	1 42	24 38	1 34	23 13	0 21	4 57	2 21	5 2	0 35	23 7	0 28	3 0	10 23	12 57	13 23	27 16		n.a.
S 21	7 36	19 39	1 30	4 28	3 11	6 13	1 42	24 41	1 34	23 15	0 21	4 54	2 21	5 1	0 35	23 7	0 28	2 59	10 23	12 57	13 24	27 17		n.a.
M22	7 58	14 28	0 19	4 15	3 14	5 45	1 43	24 45	1 34	23 16	0 21	4 51	2 21	5 0	0 35	23 8	0 28	2 59	10 23	12 56	13 25	27 17		n.a.
T 23	8 20	8 42	0s51	4 1	3 16	5 16	1 43	24 48	1 34	23 17	0 21	4 48	2 21	4 59	0 35	23 8	0 28	2 58	10 23	12 57	13 27	27 18		n.a.
W24	8 42	2 41	1 57	3 44	3 18	4 48	1 43	24 51	1 33	23 18	0 21	4 46	2 21	4 58	0 35	23 8	0 28	2 58	10 23	12 57	13 28	27 19		n.a.
T 25	9 4	3s20	2 57	3 24	3 18	4 19	1 43	24 54	1 33	23 20	0 22	4 43	2 21	4 58	0 35	23 8	0 28	2 57	10 23	12 59	13 29	27 20		n.a.
F 26	9 25	9 8	3 47	3 3	3 18	3 50	1 43	24 56	1 33	23 21	0 22	4 40	2 21	4 57	0 35	23 8	0 28	2 57	10 23	13 1	13 30	27 21		n.a.
S 27	9 47	14 30	4 25	2 39	3 17	3 21	1 43	24 59	1 32	23 22	0 22	4 37	2 22	4 56	0 35	23 8	0 28	2 56	10 23	13 5	13 31	27 21		n.a.
S 28	10 8	19 14	4 50	2 13	3 15	2 52	1 43	25 1	1 32	23 23	0 22	4 35	2 22	4 55	0 35	23 8	0 27	2 56	10 22	13 8	13 32	27 22		n.a.
M29	10 29	23 7	5 2	1 45	3 13	2 22	1 43	25 3	1 32	23 25	0 22	4 32	2 22	4 54	0 34	23 8	0 27	2 55	10 22	13 12	13 33	27 23		n.a.
T 30	10n50	26s 0	5s 1	1s15	3s 9	1s53	1s42	25n 6	1n32	23n26	0n22	4s29	2s22	4s53	0n34	23n 8	0s27	2s55	10n22	13s16	13s34	27s23		n.a.

Julian Day Number = 1278465.5, Delta T = 08h10m26s
Ecliptic obliquity = 23°50'28, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'51, Lahiri = -20°41'50 Julian Calendar 1 Apr. 1213 BCE == Greg. Calendar 21 March 1213 BCE

The year -1212 astronomical counting style corresponds to year 1213 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1213 BCE
geocentric

MAY 1213 BCE (-1212) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 51 51	28♈39'23	14♐46	5♈12	0♈23	22♊10	15♊59	24♓22	13°R27	22♊ 4	2°R48	25°R17	24♒28	11♐26	n.a.	W 1
T 2	13 55 47	29°36'33	26°37	6°25	1°35	22°45	16°10	24°29	13♎24	22° 5	2♏47	25♒ 9	24°25	11°33	n.a.	T 2
F 3	13 59 44	0♉33'43	8♑29	7°41	2°47	23°21	16°21	24°36	13°22	22° 7	2°45	25° 5	24°22	11°40	n.a.	F 3
S 4	14 3 40	1°30'52	20°27	9° 0	3°59	23°56	16°32	24°43	13°20	22° 8	2°44	25° 2	24°19	11°46	n.a.	S 4
S 5	14 7 37	2°28'01	2♒35	10°22	5°11	24°31	16°43	24°49	13°17	22°10	2°42	25°D 2	24°15	11°53	n.a.	S 5
M 6	14 11 33	3°25'10	14°59	11°48	6°23	25° 7	16°54	24°56	13°15	22°11	2°40	25° 2	24°12	12° 0	n.a.	M 6
T 7	14 15 30	4°22'18	27°42	13°16	7°35	25°42	17° 5	25° 3	13°13	22°13	2°39	25°R 2	24° 9	12° 7	n.a.	T 7
W 8	14 19 26	5°19'26	10♓51	14°47	8°48	26°18	17°17	25°10	13°10	22°15	2°37	25° 1	24° 6	12°13	n.a.	W 8
T 9	14 23 23	6°16'34	24°26	16°21	10° 0	26°53	17°28	25°16	13° 8	22°16	2°36	24°58	24° 3	12°20	n.a.	T 9
F 10	14 27 20	7°13'41	8♈31	17°58	11°12	27°29	17°40	25°23	13° 6	22°18	2°34	24°53	23°59	12°27	n.a.	F 10
S 11	14 31 16	8°10'49	23° 1	19°38	12°24	28° 5	17°51	25°29	13° 4	22°20	2°32	24°45	23°56	12°33	n.a.	S 11
S 12	14 35 13	9° 7'56	7♉53	21°21	13°36	28°40	18° 3	25°36	13° 2	22°21	2°31	24°35	23°53	12°40	n.a.	S 12
M13	14 39 9	10° 5'03	22°56	23° 7	14°49	29°16	18°14	25°42	12°59	22°23	2°29	24°25	23°50	12°47	n.a.	M13
T 14	14 43 6	11° 2'10	8♊ 3	24°55	16° 1	29°52	18°26	25°48	12°57	22°25	2°28	24°15	23°47	12°54	n.a.	T 14
W15	14 47 2	11°59'16	23° 2	26°47	17°13	0♋28	18°38	25°55	12°55	22°27	2°26	24° 7	23°44	13° 0	n.a.	W15
T 16	14 50 59	12°56'22	7♋45	28°40	18°26	1° 4	18°50	26° 1	12°53	22°28	2°24	24° 1	23°40	13° 7	n.a.	T 16
F 17	14 54 56	13°53'27	22° 7	0♌36	19°38	1°40	19° 1	26° 7	12°51	22°30	2°23	23°57	23°37	13°14	n.a.	F 17
S 18	14 58 52	14°50'32	6♌ 6	2°35	20°50	2°16	19°13	26°13	12°49	22°32	2°21	23°56	23°34	13°21	n.a.	S 18
S 19	15 2 49	15°47'36	19°42	4°36	22° 3	2°52	19°25	26°19	12°47	22°34	2°20	23°56	23°31	13°27	n.a.	S 19
M20	15 6 45	16°44'40	2♍57	6°39	23°15	3°28	19°37	26°25	12°45	22°36	2°18	23°56	23°28	13°34	n.a.	M20
T 21	15 10 42	17°41'44	15°54	8°43	24°28	4° 4	19°49	26°31	12°43	22°38	2°17	23°54	23°25	13°41	n.a.	T 21
W22	15 14 38	18°38'47	28°35	10°49	25°40	4°41	20° 2	26°37	12°42	22°39	2°15	23°51	23°21	13°47	n.a.	W22
T 23	15 18 35	19°35'50	11♎ 5	12°57	26°53	5°17	20°14	26°43	12°40	22°41	2°14	23°45	23°18	13°54	n.a.	T 23
F 24	15 22 31	20°32'53	23°24	15° 5	28° 5	5°53	20°26	26°48	12°38	22°43	2°12	23°36	23°15	14° 1	n.a.	F 24
S 25	15 26 28	21°29'56	5♏35	17°15	29°18	6°30	20°38	26°54	12°36	22°45	2°11	23°24	23°12	14° 8	n.a.	S 25
S 26	15 30 25	22°26'59	17°39	19°24	0♌31	7° 6	20°51	27° 0	12°34	22°47	2° 9	23°11	23° 9	14°14	n.a.	S 26
M27	15 34 21	23°24'02	29°38	21°34	1°43	7°42	21° 3	27° 5	12°33	22°49	2° 8	22°57	23° 5	14°21	n.a.	M27
T 28	15 38 18	24°21'06	11♐33	23°44	2°56	8°19	21°15	27°11	12°31	22°51	2° 6	22°44	23° 2	14°28	n.a.	T 28
W29	15 42 14	25°18'09	23°24	25°54	4° 9	8°56	21°28	27°16	12°29	22°53	2° 5	22°33	22°59	14°34	n.a.	W29
T 30	15 46 11	26°15'14	5♑15	28° 3	5°21	9°32	21°40	27°21	12°28	22°55	2° 3	22°23	22°56	14°41	n.a.	T 30
F 31	15 50 7	27♉12'18	17♑ 8	0♊11	6♌34	10♋ 9	21♊53	27♓26	12♎26	22♊57	2♏ 2	22♒17	22♒53	14♐48	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11n11	27s41	4s46	0s44	3s 5	1s24	1s42	25n 7	1n31	23n27	0n22	4s26	2s22	4s52	0n34	23n 9	0s27	2s55	10n22	13s19	13s35	27s24			n.a.
T 2	11 31	28 7	4 19	0 10	3 1	0 54	1 41	25 9	1 31	23 28	0 22	4 24	2 22	4 51	0 34	23 9	0 27	2 54	10 22	13 21	13 36	27 25			n.a.
F 3	11 52	27 14	3 41	0n25	2 55	0 25	1 41	25 11	1 31	23 30	0 22	4 21	2 22	4 50	0 34	23 9	0 27	2 54	10 22	13 23	13 37	27 26			n.a.
S 4	12 12	25 6	2 53	1 2	2 50	0n 5	1 40	25 12	1 30	23 31	0 22	4 19	2 23	4 49	0 34	23 9	0 27	2 53	10 22	13 23	13 38	27 26			n.a.
S 5	12 32	21 48	1 56	1 41	2 43	0 35	1 40	25 14	1 30	23 32	0 22	4 16	2 23	4 48	0 34	23 9	0 27	2 53	10 22	13 24	13 39	27 27			n.a.
M 6	12 52	17 28	0 53	2 21	2 36	1 4	1 39	25 15	1 30	23 33	0 22	4 13	2 23	4 47	0 34	23 9	0 27	2 52	10 22	13 24	13 41	27 28			n.a.
T 7	13 11	12 15	0n14	3 3	2 28	1 34	1 38	25 16	1 29	23 34	0 22	4 11	2 23	4 46	0 34	23 9	0 27	2 52	10 22	13 24	13 42	27 28			n.a.
W 8	13 31	6 21	1 23	3 46	2 20	2 4	1 37	25 16	1 29	23 36	0 22	4 8	2 23	4 46	0 34	23 9	0 27	2 51	10 22	13 24	13 43	27 29			n.a.
T 9	13 50	0n 2	2 29	4 31	2 11	2 33	1 36	25 17	1 29	23 37	0 22	4 6	2 23	4 45	0 34	23 9	0 27	2 51	10 22	13 25	13 44	27 30			n.a.
F 10	14 9	6 37	3 29	5 17	2 2	3 3	1 35	25 18	1 29	23 38	0 22	4 3	2 23	4 44	0 34	23 10	0 27	2 50	10 21	13 27	13 45	27 30			n.a.
S 11	14 28	13 3	4 17	6 4	1 53	3 32	1 34	25 18	1 28	23 39	0 23	4 1	2 24	4 43	0 34	23 10	0 27	2 50	10 21	13 29	13 46	27 31			n.a.
S 12	14 47	18 54	4 49	6 53	1 43	4 2	1 33	25 18	1 28	23 40	0 23	3 58	2 24	4 42	0 34	23 10	0 27	2 50	10 21	13 33	13 47	27 32			n.a.
M13	15 5	23 40	5 1	7 42	1 33	4 31	1 32	25 18	1 28	23 41	0 23	3 56	2 24	4 41	0 34	23 10	0 27	2 49	10 21	13 36	13 48	27 32			n.a.
T 14	15 23	26 49	4 52	8 32	1 22	5 1	1 30	25 18	1 27	23 42	0 23	3 54	2 24	4 41	0 34	23 10	0 27	2 49	10 21	13 40	13 49	27 33			n.a.
W15	15 41	28 3	4 24	9 23	1 11	5 30	1 29	25 17	1 27	23 43	0 23	3 51	2 24	4 40	0 34	23 10	0 27	2 48	10 21	13 42	13 50	27 33			n.a.
T 16	15 59	27 15	3 38	10 15	1 0	5 59	1 28	25 17	1 27	23 45	0 23	3 49	2 25	4 39	0 34	23 10	0 27	2 48	10 21	13 44	13 51	27 34			n.a.
F 17	16 16	24 37	2 40	11 7	0 49	6 29	1 26	25 16	1 26	23 46	0 23	3 47	2 25	4 38	0 34	23 10	0 27	2 48	10 20	13 46	13 52	27 35			n.a.
S 18	16 34	20 33	1 33	11 59	0 38	6 58	1 25	25 15	1 26	23 47	0 23	3 44	2 25	4 37	0 34	23 11	0 27	2 47	10 20	13 46	13 53	27 35			n.a.
S 19	16 51	15 30	0 22	12 51	0 27	7 26	1 23	25 14	1 26	23 48	0 23	3 42	2 25	4 37	0 34	23 11	0 27	2 47	10 20	13 46	13 54	27 36			n.a.
M20	17 7	9 51	0s48	13 43	0 15	7 55	1 22	25 13	1 25	23 49	0 23	3 40	2 25	4 36	0 34	23 11	0 27	2 47	10 20	13 46	13 55	27 36			n.a.
T 21	17 24	3 55	1 53	14 35	0 4	8 24	1 20	25 12	1 25	23 50	0 23	3 38	2 25	4 35	0 34	23 11	0 27	2 46	10 20	13 47	13 57	27 37			n.a.
W22	17 40	2s 3	2 52	15 26	0n 7	8 52	1 18	25 10	1 25	23 51	0 23	3 35	2 26	4 34	0 34	23 11	0 27	2 46	10 20	13 48	13 58	27 37			n.a.
T 23	17 56	7 50	3 41	16 16	0 17	9 20	1 17	25 8	1 24	23 52	0 23	3 33	2 26	4 34	0 34	23 11	0 27	2 46	10 19	13 50	13 59	27 38			n.a.
F 24	18 11	13 14	4 20	17 4	0 28	9 49	1 15	25 6	1 24	23 53	0 23	3 31	2 26	4 33	0 34	23 11	0 27	2 45	10 19	13 53	14 0	27 38			n.a.
S 25	18 26	18 4	4 45	17 52	0 38	10 16	1 13	25 4	1 24	23 54	0 24	3 29	2 26	4 32	0 34	23 11	0 27	2 45	10 19	13 57	14 1	27 39			n.a.
S 26	18 41	22 8	4 58	18 38	0 47	10 44	1 11	25 2	1 23	23 55	0 24	3 27	2 26	4 32	0 34	23 12	0 27	2 45	10 19	14 1	14 2	27 40			n.a.
M27	18 56	25 15	4 57	19 22	0 56	11 11	1 9	25 0	1 23	23 56	0 24	3 25	2 27	4 31	0 34	23 12	0 27	2 44	10 18	14 6	14 3	27 40			n.a.
T 28	19 10	27 14	4 44	20 4	1 5	11 39	1 7	24 57	1 23	23 56	0 24	3 23	2 27	4 30	0 34	23 12	0 27	2 44	10 18	14 10	14 4	27 41			n.a.
W29	19 25	27 58	4 18	20 44	1 12	12 5	1 5	24 54	1 22	23 57	0 24	3 21	2 27	4 30	0 34	23 12	0 27	2 44	10 18	14 14	14 5	27 41			n.a.
T 30	19 38	27 25	3 41	21 21	1 20	12 32	1 3	24 51	1 22	23 58	0 24	3 19	2 27	4 29	0 34	23 12	0 27	2 44	10 18	14 17	14 6	27 42			n.a.
F 31	19n52	25s36	2s54	21n56	1n26	12n59	1s 1	24n48	1n22	23n59	0n24	3s17	2s28	4s29	0n34	23n12	0s27	2s43	10n18	14s19	14s 7	27s42			n.a.

Julian Day Number = 1278495.5, Delta T = 08h10m24s
Ecliptic obliquity = 23°50'27, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'47, Lahiri = -20°41'46 Julian Calendar 1 May 1213 BCE == Greg. Calendar 20 Apr. 1213 BCE

The year -1212 astronomical counting style corresponds to year 1213 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1213 BCE
geocentric

JUNE 1213 BCE (-1212) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 54 4	28♉ 9'23	29♋ 6	2♊19	7♉47	10♋45	22♊ 5	27♓32	12°R25	22♊59	2°R 0	22°R13	22♒50	14♐55	n.a.	S 1
S 2	15 58 0	29° 6'29	11♒13	4°25	9° 0	11°22	22°18	27°37	12♎23	23° 1	1♏59	22♒11	22°46	15° 1	n.a.	S 2
M 3	16 1 57	0♊ 3'35	23°35	6°30	10°13	11°59	22°31	27°42	12°22	23° 3	1°58	22°11	22°43	15° 8	n.a.	M 3
T 4	16 5 54	1° 0'42	6♓15	8°33	11°26	12°36	22°43	27°47	12°21	23° 6	1°56	22°11	22°40	15°15	n.a.	T 4
W 5	16 9 50	1°57'50	19°20	10°35	12°38	13°13	22°56	27°51	12°19	23° 8	1°55	22°10	22°37	15°21	n.a.	W 5
T 6	16 13 47	2°54'58	2♈52	12°35	13°51	13°50	23° 9	27°56	12°18	23°10	1°54	22° 7	22°34	15°28	n.a.	T 6
F 7	16 17 43	3°52'08	16°53	14°34	15° 4	14°27	23°22	28° 1	12°17	23°12	1°52	22° 2	22°30	15°35	n.a.	F 7
S 8	16 21 40	4°49'18	1♉24	16°31	16°18	15° 4	23°34	28° 6	12°16	23°14	1°51	21°55	22°27	15°42	n.a.	S 8
S 9	16 25 36	5°46'29	16°19	18°26	17°31	15°41	23°47	28°10	12°14	23°16	1°50	21°45	22°24	15°48	n.a.	S 9
M10	16 29 33	6°43'40	1♊30	20°19	18°44	16°18	24° 0	28°15	12°13	23°18	1°49	21°35	22°21	15°55	n.a.	M10
T 11	16 33 30	7°40'53	16°48	22°11	19°57	16°55	24°13	28°19	12°12	23°20	1°47	21°25	22°18	16° 2	n.a.	T 11
W12	16 37 26	8°38'06	2♋ 0	24° 1	21°10	17°32	24°26	28°23	12°11	23°23	1°46	21°17	22°15	16° 8	n.a.	W12
T 13	16 41 23	9°35'20	16°58	25°49	22°23	18°10	24°39	28°27	12°10	23°25	1°45	21°10	22°11	16°15	n.a.	T 13
F 14	16 45 19	10°32'34	1♌33	27°35	23°36	18°47	24°52	28°32	12° 9	23°27	1°44	21° 7	22° 8	16°22	n.a.	F 14
S 15	16 49 16	11°29'49	15°41	29°20	24°50	19°24	25° 5	28°36	12° 8	23°29	1°43	21°D 6	22° 5	16°29	n.a.	S 15
S 16	16 53 12	12°27'04	29°23	1♋ 3	26° 3	20° 2	25°18	28°40	12° 8	23°31	1°42	21° 6	22° 2	16°35	n.a.	S 16
M17	16 57 9	13°24'20	12♍39	2°44	27°16	20°39	25°31	28°43	12° 7	23°34	1°40	21°R 6	21°59	16°42	n.a.	M17
T 18	17 1 5	14°21'36	25°33	4°23	28°30	21°17	25°44	28°47	12° 6	23°36	1°39	21° 5	21°56	16°49	n.a.	T 18
W19	17 5 2	15°18'53	8♎ 9	6° 0	29°43	21°54	25°57	28°51	12° 5	23°38	1°38	21° 3	21°52	16°55	n.a.	W19
T 20	17 8 59	16°16'11	20°30	7°36	0♊57	22°32	26°10	28°54	12° 5	23°40	1°37	20°58	21°49	17° 2	n.a.	T 20
F 21	17 12 55	17°13'29	2♏41	9°10	2°10	23°10	26°23	28°58	12° 4	23°42	1°36	20°51	21°46	17° 9	n.a.	F 21
S 22	17 16 52	18°10'48	14°43	10°42	3°23	23°47	26°36	29° 1	12° 4	23°45	1°35	20°42	21°43	17°15	n.a.	S 22
S 23	17 20 48	19° 8'09	26°40	12°13	4°37	24°25	26°49	29° 5	12° 3	23°47	1°34	20°31	21°40	17°22	n.a.	S 23
M24	17 24 45	20° 5'30	8♐34	13°42	5°50	25° 3	27° 3	29° 8	12° 3	23°49	1°33	20°20	21°36	17°29	n.a.	M24
T 25	17 28 41	21° 2'52	20°26	15° 8	7° 4	25°41	27°16	29°11	12° 2	23°51	1°33	20° 9	21°33	17°36	n.a.	T 25
W26	17 32 38	22° 0'16	2♑18	16°33	8°18	26°19	27°29	29°14	12° 2	23°53	1°32	19°59	21°30	17°42	n.a.	W26
T 27	17 36 35	22°57'40	14°11	17°57	9°31	26°57	27°42	29°17	12° 2	23°56	1°31	19°52	21°27	17°49	n.a.	T 27
F 28	17 40 31	23°55'06	26° 8	19°18	10°45	27°34	27°55	29°20	12° 1	23°58	1°30	19°47	21°24	17°56	n.a.	F 28
S 29	17 44 28	24°52'34	8♒11	20°37	11°59	28°13	28° 8	29°22	12° 1	24° 0	1°29	19°44	21°21	18° 2	n.a.	S 29
S 30	17 48 24	25♊50'02	20♒23	21♋55	13♊12	28♋51	28♊22	29♓25	12♎ 1	24♊ 2	1♏29	19°D43	21♒17	18♐ 9	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 5	22s37	1s59	22n29	1n32	13n25	0s59	24n45	1n21	24n 0	0n24	3s15	2s28	4s28	0n34	23n12	0s27	2s43	10n17	14s20	14s 8	27s42		n.a.
S 2	20 18	18 37	0 58	22 58	1 37	13 50	0 57	24 41	1 21	24 1	0 24	3 13	2 28	4 28	0 34	23 13	0 27	2 43	10 17	14 21	14 9	27 43		n.a.
M 3	20 30	13 46	0n 7	23 26	1 42	14 16	0 55	24 38	1 21	24 2	0 24	3 12	2 28	4 27	0 34	23 13	0 27	2 43	10 17	14 21	14 10	27 43		n.a.
T 4	20 42	8 14	1 14	23 50	1 46	14 41	0 52	24 34	1 20	24 2	0 24	3 10	2 28	4 27	0 34	23 13	0 27	2 42	10 16	14 21	14 11	27 44		n.a.
W 5	20 54	2 11	2 18	24 12	1 49	15 6	0 50	24 30	1 20	24 3	0 24	3 8	2 29	4 26	0 34	23 13	0 27	2 42	10 16	14 21	14 12	27 44		n.a.
T 6	21 6	4n10	3 18	24 31	1 51	15 30	0 48	24 26	1 20	24 4	0 24	3 6	2 29	4 26	0 34	23 13	0 27	2 42	10 16	14 22	14 13	27 45		n.a.
F 7	21 17	10 32	4 7	24 48	1 53	15 54	0 46	24 21	1 19	24 5	0 25	3 5	2 29	4 25	0 34	23 13	0 27	2 42	10 16	14 24	14 14	27 45		n.a.
S 8	21 27	16 33	4 42	25 2	1 54	16 18	0 43	24 17	1 19	24 5	0 25	3 3	2 29	4 25	0 34	23 13	0 27	2 42	10 15	14 26	14 16	27 46		n.a.
S 9	21 38	21 46	5 0	25 14	1 55	16 41	0 41	24 12	1 18	24 6	0 25	3 1	2 30	4 24	0 33	23 13	0 27	2 42	10 15	14 29	14 17	27 46		n.a.
M10	21 48	25 39	4 57	25 23	1 55	17 4	0 38	24 7	1 18	24 7	0 25	3 0	2 30	4 24	0 33	23 14	0 27	2 41	10 15	14 33	14 18	27 46		n.a.
T 11	21 57	27 42	4 33	25 30	1 54	17 27	0 36	24 2	1 18	24 8	0 25	2 58	2 30	4 23	0 33	23 14	0 27	2 41	10 15	14 36	14 19	27 47		n.a.
W12	22 7	27 39	3 49	25 34	1 52	17 49	0 34	23 57	1 17	24 8	0 25	2 57	2 30	4 23	0 33	23 14	0 27	2 41	10 14	14 39	14 20	27 47		n.a.
T 13	22 16	25 34	2 50	25 37	1 51	18 10	0 31	23 51	1 17	24 9	0 25	2 55	2 31	4 23	0 33	23 14	0 27	2 41	10 14	14 41	14 21	27 47		n.a.
F 14	22 24	21 48	1 42	25 37	1 48	18 31	0 29	23 46	1 17	24 9	0 25	2 54	2 31	4 22	0 33	23 14	0 27	2 41	10 14	14 42	14 22	27 48		n.a.
S 15	22 32	16 51	0 29	25 35	1 45	18 52	0 26	23 40	1 16	24 10	0 25	2 52	2 31	4 22	0 33	23 14	0 27	2 41	10 13	14 42	14 23	27 48		n.a.
S 16	22 40	11 12	0s44	25 32	1 42	19 12	0 24	23 34	1 16	24 11	0 25	2 51	2 31	4 22	0 33	23 14	0 26	2 41	10 13	14 42	14 24	27 49		n.a.
M17	22 47	5 12	1 52	25 26	1 38	19 32	0 21	23 28	1 15	24 11	0 25	2 50	2 32	4 21	0 33	23 14	0 26	2 41	10 13	14 42	14 25	27 49		n.a.
T 18	22 54	0s50	2 52	25 19	1 33	19 51	0 19	23 22	1 15	24 12	0 25	2 48	2 32	4 21	0 33	23 15	0 26	2 41	10 12	14 42	14 26	27 49		n.a.
W19	23 1	6 41	3 43	25 10	1 28	20 10	0 17	23 15	1 15	24 12	0 26	2 47	2 32	4 21	0 33	23 15	0 26	2 41	10 12	14 43	14 27	27 50		n.a.
T 20	23 7	12 10	4 22	25 0	1 23	20 28	0 14	23 9	1 14	24 13	0 26	2 46	2 33	4 21	0 33	23 15	0 26	2 41	10 12	14 45	14 28	27 50		n.a.
F 21	23 13	17 6	4 48	24 48	1 17	20 45	0 12	23 2	1 14	24 13	0 26	2 45	2 33	4 21	0 33	23 15	0 26	2 41	10 11	14 47	14 29	27 50		n.a.
S 22	23 18	21 19	5 1	24 35	1 11	21 2	0 9	22 55	1 14	24 14	0 26	2 44	2 33	4 20	0 33	23 15	0 26	2 41	10 11	14 50	14 30	27 50		n.a.
S 23	23 23	24 37	5 1	24 20	1 4	21 19	0 7	22 48	1 13	24 14	0 26	2 43	2 33	4 20	0 33	23 15	0 26	2 41	10 11	14 54	14 31	27 51		n.a.
M24	23 28	26 50	4 48	24 4	0 57	21 34	0 4	22 40	1 13	24 14	0 26	2 42	2 34	4 20	0 33	23 15	0 26	2 41	10 10	14 57	14 32	27 51		n.a.
T 25	23 32	27 51	4 22	23 47	0 50	21 50	0 2	22 33	1 12	24 15	0 26	2 41	2 34	4 20	0 33	23 15	0 26	2 41	10 10	15 1	14 33	27 51		n.a.
W26	23 36	27 35	3 45	23 29	0 42	22 4	0n 1	22 25	1 12	24 15	0 26	2 40	2 34	4 20	0 33	23 15	0 26	2 41	10 10	15 4	14 34	27 52		n.a.
T 27	23 39	26 1	2 58	23 11	0 34	22 18	0 3	22 17	1 12	24 15	0 26	2 39	2 34	4 20	0 33	23 16	0 26	2 41	10 9	15 6	14 35	27 52		n.a.
F 28	23 42	23 17	2 3	22 51	0 26	22 32	0 6	22 9	1 11	24 16	0 26	2 38	2 35	4 20	0 33	23 16	0 26	2 41	10 9	15 8	14 36	27 52		n.a.
S 29	23 44	19 31	1 2	22 31	0 17	22 44	0 8	22 1	1 11	24 16	0 26	2 37	2 35	4 20	0 33	23 16	0 26	2 41	10 8	15 9	14 37	27 52		n.a.
S 30	23n46	14s53	0n 4	22n 9	0n 8	22n56	0n11	21n53	1n10	24n16	0n26	2s36	2s35	4s20	0n33	23n16	0s26	2s41	10n 8	15s 9	14s38	27s53		n.a.

Julian Day Number = 1278526.5, Delta T = 08h10m23s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'43, Lahiri = -20°41'42 Julian Calendar 1 June 1213 BCE == Greg. Calendar 21 May 1213 BCE

The year -1212 astronomical counting style corresponds to year 1213 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1213 BCE
geocentric

JULY 1213 BCE (-1212) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 52 21	26♊47'32	2♓47	23♋10	14♊26	29♋29	28♊35	29♓27	12°R 1	24♊ 5	1°R28	19♒44	21♒14	18♐16	n.a.	M 1
T 2	17 56 17	27°45'04	15°29	24°23	15°40	0♌ 7	28°48	29°30	12°D 1	24° 7	1♏27	19°45	21°11	18°23	n.a.	T 2
W 3	18 0 14	28°42'37	28°31	25°34	16°54	0°45	29° 1	29°32	12♎ 1	24° 9	1°26	19°R45	21° 8	18°29	n.a.	W 3
T 4	18 4 10	29°40'12	11♈58	26°43	18° 8	1°23	29°14	29°34	12° 1	24°11	1°26	19°45	21° 5	18°36	n.a.	T 4
F 5	18 8 7	0♋37'49	25°51	27°50	19°22	2° 2	29°28	29°37	12° 1	24°13	1°25	19°42	21° 2	18°43	n.a.	F 5
S 6	18 12 4	1°35'27	10♉12	28°54	20°36	2°40	29°41	29°39	12° 1	24°16	1°25	19°38	20°58	18°49	n.a.	S 6
S 7	18 16 0	2°33'07	24°56	29°56	21°49	3°18	29°54	29°41	12° 2	24°18	1°24	19°32	20°55	18°56	n.a.	S 7
M 8	18 19 57	3°30'49	10♊ 0	0♌55	23° 3	3°57	0♋ 7	29°42	12° 2	24°20	1°23	19°25	20°52	19° 3	n.a.	M 8
T 9	18 23 53	4°28'33	25°12	1°51	24°18	4°35	0°20	29°44	12° 2	24°22	1°23	19°18	20°49	19°10	n.a.	T 9
W10	18 27 50	5°26'18	10♋25	2°44	25°32	5°14	0°33	29°46	12° 3	24°25	1°22	19°13	20°46	19°16	n.a.	W10
T 11	18 31 46	6°24'04	25°26	3°34	26°46	5°53	0°47	29°47	12° 3	24°27	1°22	19° 9	20°43	19°23	n.a.	T 11
F 12	18 35 43	7°21'52	10♌ 8	4°21	28° 0	6°31	1° 0	29°48	12° 4	24°29	1°22	19° 7	20°39	19°30	n.a.	F 12
S 13	18 39 39	8°19'42	24°25	5° 5	29°14	7°10	1°13	29°50	12° 4	24°31	1°21	19°D 6	20°36	19°36	n.a.	S 13
S 14	18 43 36	9°17'32	8♍15	5°44	0♋28	7°49	1°26	29°51	12° 5	24°33	1°21	19° 7	20°33	19°43	n.a.	S 14
M15	18 47 33	10°15'24	21°37	6°20	1°42	8°28	1°39	29°52	12° 5	24°35	1°21	19° 9	20°30	19°50	n.a.	M15
T 16	18 51 29	11°13'18	4♎35	6°52	2°57	9° 7	1°52	29°53	12° 6	24°38	1°20	19°10	20°27	19°57	n.a.	T 16
W17	18 55 26	12°11'13	17°12	7°20	4°11	9°45	2° 5	29°54	12° 7	24°40	1°20	19°R10	20°23	20° 3	n.a.	W17
T 18	18 59 22	13° 9'09	29°32	7°42	5°25	10°24	2°18	29°55	12° 8	24°42	1°20	19° 9	20°20	20°10	n.a.	T 18
F 19	19 3 19	14° 7'07	11♏39	8° 0	6°40	11° 3	2°31	29°55	12° 9	24°44	1°20	19° 6	20°17	20°17	n.a.	F 19
S 20	19 7 15	15° 5'06	23°38	8°13	7°54	11°42	2°45	29°56	12°10	24°46	1°19	19° 1	20°14	20°23	n.a.	S 20
S 21	19 11 12	16° 3'07	5♐31	8°21	9° 8	12°22	2°58	29°56	12°10	24°48	1°19	18°56	20°11	20°30	n.a.	S 21
M22	19 15 8	17° 1'10	17°23	8°R22	10°23	13° 1	3°11	29°56	12°11	24°50	1°19	18°50	20° 8	20°37	n.a.	M22
T 23	19 19 5	17°59'14	29°15	8°18	11°37	13°40	3°24	29°57	12°13	24°52	1°19	18°45	20° 4	20°43	n.a.	T 23
W24	19 23 2	18°57'20	11♑10	8° 8	12°52	14°19	3°36	29°R57	12°14	24°55	1°D19	18°40	20° 1	20°50	n.a.	W24
T 25	19 26 58	19°55'28	23° 9	7°52	14° 6	14°58	3°49	29°57	12°15	24°57	1°19	18°36	19°58	20°57	n.a.	T 25
F 26	19 30 55	20°53'38	5♒15	7°29	15°21	15°38	4° 2	29°57	12°16	24°59	1°19	18°34	19°55	21° 4	n.a.	F 26
S 27	19 34 51	21°51'50	17°29	7° 0	16°35	16°17	4°15	29°56	12°17	25° 1	1°19	18°D33	19°52	21°10	n.a.	S 27
S 28	19 38 48	22°50'03	29°53	6°25	17°50	16°57	4°28	29°56	12°19	25° 3	1°19	18°34	19°48	21°17	n.a.	S 28
M29	19 42 44	23°48'19	12♓29	5°44	19° 4	17°36	4°41	29°56	12°20	25° 5	1°20	18°35	19°45	21°24	n.a.	M29
T 30	19 46 41	24°46'37	25°19	4°58	20°19	18°16	4°54	29°55	12°21	25° 7	1°20	18°37	19°42	21°30	n.a.	T 30
W31	19 50 37	25♋44'57	8♈26	4♌ 7	21♋33	18♌55	5♋ 6	29♓54	12♎23	25♊ 9	1♏20	18♒38	19♒39	21♐37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n48	9s34	1n10	21n48	0s 1	23n 8	0n13	21n44	1n10	24n17	0n27	2s35	2s36	4s20	0n33	23n16	0s26	2s41	10n 8	15s 9	14s40	27s53			n.a.
T 2	23 49	3 46	2 14	21 26	0 11	23 19	0 15	21 36	1 10	24 17	0 27	2 35	2 36	4 20	0 33	23 16	0 26	2 41	10 7	15 8	14 41	27 53			n.a.
W 3	23 50	2n21	3 13	21 3	0 20	23 29	0 18	21 27	1 9	24 17	0 27	2 34	2 36	4 20	0 33	23 16	0 26	2 41	10 7	15 8	14 42	27 53			n.a.
T 4	23 50	8 32	4 4	20 40	0 30	23 38	0 20	21 18	1 9	24 17	0 27	2 33	2 36	4 20	0 33	23 16	0 26	2 41	10 7	15 8	14 43	27 53			n.a.
F 5	23 50	14 31	4 42	20 17	0 41	23 47	0 23	21 9	1 8	24 17	0 27	2 33	2 37	4 20	0 33	23 17	0 26	2 42	10 6	15 9	14 44	27 54			n.a.
S 6	23 50	19 55	5 4	19 54	0 51	23 55	0 25	21 0	1 8	24 17	0 27	2 32	2 37	4 20	0 33	23 17	0 26	2 42	10 6	15 11	14 45	27 54			n.a.
S 7	23 49	24 16	5 6	19 30	1 1	24 2	0 27	20 50	1 7	24 18	0 27	2 32	2 37	4 20	0 33	23 17	0 26	2 42	10 5	15 13	14 46	27 54			n.a.
M 8	23 48	27 4	4 48	19 7	1 12	24 9	0 29	20 41	1 7	24 18	0 27	2 31	2 38	4 20	0 32	23 17	0 26	2 42	10 5	15 15	14 47	27 54			n.a.
T 9	23 46	27 55	4 10	18 44	1 23	24 15	0 32	20 31	1 7	24 18	0 27	2 31	2 38	4 20	0 32	23 17	0 26	2 42	10 5	15 17	14 48	27 54			n.a.
W10	23 44	26 39	3 14	18 21	1 34	24 20	0 34	20 21	1 6	24 18	0 27	2 30	2 38	4 21	0 32	23 17	0 26	2 43	10 4	15 19	14 49	27 54			n.a.
T 11	23 41	23 27	2 5	17 59	1 45	24 24	0 36	20 11	1 6	24 18	0 28	2 30	2 38	4 21	0 32	23 17	0 26	2 43	10 4	15 20	14 50	27 55			n.a.
F 12	23 38	18 47	0 48	17 37	1 56	24 28	0 38	20 0	1 5	24 18	0 28	2 30	2 39	4 21	0 32	23 17	0 26	2 43	10 3	15 21	14 51	27 55			n.a.
S 13	23 34	13 9	0s29	17 15	2 7	24 31	0 40	19 50	1 5	24 18	0 28	2 30	2 39	4 21	0 32	23 17	0 26	2 43	10 3	15 21	14 52	27 55			n.a.
S 14	23 30	7 2	1 42	16 55	2 19	24 33	0 42	19 40	1 5	24 18	0 28	2 29	2 39	4 22	0 32	23 17	0 26	2 44	10 3	15 20	14 53	27 55			n.a.
M15	23 26	0 49	2 47	16 35	2 30	24 34	0 44	19 29	1 4	24 18	0 28	2 29	2 40	4 22	0 32	23 18	0 26	2 44	10 2	15 20	14 54	27 55			n.a.
T 16	23 21	5s14	3 42	16 16	2 41	24 35	0 46	19 18	1 4	24 18	0 28	2 29	2 40	4 22	0 32	23 18	0 26	2 44	10 2	15 19	14 55	27 55			n.a.
W17	23 16	10 55	4 24	15 59	2 52	24 35	0 48	19 7	1 3	24 18	0 28	2 29	2 40	4 22	0 32	23 18	0 26	2 44	10 1	15 19	14 56	27 55			n.a.
T 18	23 11	16 3	4 53	15 43	3 2	24 34	0 50	18 56	1 3	24 18	0 28	2 29	2 41	4 23	0 32	23 18	0 26	2 45	10 1	15 20	14 57	27 55			n.a.
F 19	23 5	20 28	5 9	15 28	3 13	24 32	0 52	18 45	1 2	24 17	0 28	2 29	2 41	4 23	0 32	23 18	0 26	2 45	10 0	15 21	14 58	27 55			n.a.
S 20	22 58	23 59	5 10	15 15	3 23	24 30	0 54	18 33	1 2	24 17	0 29	2 29	2 41	4 24	0 32	23 18	0 26	2 45	10 0	15 22	14 59	27 56			n.a.
S 21	22 51	26 28	4 58	15 4	3 32	24 27	0 56	18 22	1 1	24 17	0 29	2 29	2 41	4 24	0 32	23 18	0 26	2 46	10 0	15 24	15 0	27 56			n.a.
M22	22 44	27 46	4 34	14 55	3 41	24 23	0 58	18 10	1 1	24 17	0 29	2 29	2 42	4 24	0 32	23 18	0 26	2 46	9 59	15 26	15 1	27 56			n.a.
T 23	22 37	27 48	3 57	14 48	3 50	24 18	0 59	17 58	1 1	24 17	0 29	2 30	2 42	4 25	0 32	23 18	0 26	2 47	9 59	15 27	15 2	27 56			n.a.
W24	22 28	26 31	3 10	14 43	3 57	24 13	1 1	17 46	1 0	24 16	0 29	2 30	2 42	4 25	0 32	23 18	0 26	2 47	9 58	15 29	15 3	27 56			n.a.
T 25	22 20	24 2	2 15	14 41	4 4	24 7	1 3	17 34	1 0	24 16	0 29	2 30	2 43	4 26	0 32	23 18	0 26	2 47	9 58	15 30	15 4	27 56			n.a.
F 26	22 11	20 27	1 12	14 41	4 10	24 0	1 4	17 22	0 59	24 16	0 29	2 30	2 43	4 26	0 32	23 19	0 26	2 48	9 58	15 31	15 5	27 56			n.a.
S 27	22 2	15 57	0 6	14 44	4 14	23 53	1 6	17 9	0 59	24 16	0 29	2 31	2 43	4 27	0 32	23 19	0 26	2 48	9 57	15 31	15 6	27 56			n.a.
S 28	21 52	10 44	1n 2	14 50	4 17	23 44	1 7	16 57	0 58	24 15	0 29	2 31	2 43	4 27	0 32	23 19	0 26	2 49	9 57	15 31	15 7	27 56			n.a.
M29	21 42	5 2	2 8	14 59	4 18	23 35	1 8	16 44	0 58	24 15	0 30	2 32	2 44	4 28	0 32	23 19	0 26	2 49	9 56	15 30	15 8	27 56			n.a.
T 30	21 32	0n59	3 9	15 10	4 18	23 25	1 10	16 31	0 57	24 15	0 30	2 32	2 44	4 29	0 32	23 19	0 26	2 49	9 56	15 30	15 9	27 56			n.a.
W31	21n21	7n 5	4n 1	15n25	4s16	23n15	1n11	16n18	0n57	24n14	0n30	2s33	2s44	4s29	0n32	23n19	0s26	2s50	9n55	15s30	15s10	27s56			n.a.

Julian Day Number = 1278556.5, Delta T = 08h10m21s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'39, Lahiri = -20°41'38 Julian Calendar 1 July 1213 BCE == Greg. Calendar 20 June 1213 BCE

The year -1212 astronomical counting style corresponds to year 1213 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1213 BCE
geocentric

AUGUST 1213 BCE (-1212) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 54 34	26♋43'19	21♈52	3°R11	22♋48	19♌35	5♋19	29°R53	12♎24	25♊11	1♏20	18°R39	19♒36	21♐44	n.a.	T 1
F 2	19 58 31	27°41'44	5♉40	2♌13	24° 3	20°15	5°32	29♓53	12°26	25°13	1°20	18♒39	19°33	21°50	n.a.	F 2
S 3	20 2 27	28°40'11	19°48	1°12	25°18	20°54	5°44	29°52	12°28	25°15	1°21	18°38	19°29	21°57	n.a.	S 3
S 4	20 6 24	29°38'41	4♊16	0°11	26°32	21°34	5°57	29°50	12°29	25°16	1°21	18°36	19°26	22° 4	n.a.	S 4
M 5	20 10 20	0♌37'12	18°59	29♋11	27°47	22°14	6°10	29°49	12°31	25°18	1°21	18°34	19°23	22°11	n.a.	M 5
T 6	20 14 17	1°35'47	3♋53	28°12	29° 2	22°54	6°22	29°48	12°33	25°20	1°22	18°31	19°20	22°17	n.a.	T 6
W 7	20 18 13	2°34'23	18°49	27°17	0♌17	23°34	6°35	29°47	12°34	25°22	1°22	18°30	19°17	22°24	n.a.	W 7
T 8	20 22 10	3°33'01	3♌39	26°27	1°32	24°14	6°47	29°45	12°36	25°24	1°23	18°28	19°14	22°31	n.a.	T 8
F 9	20 26 6	4°31'42	18°16	25°44	2°46	24°54	6°59	29°43	12°38	25°26	1°23	18°D28	19°10	22°37	n.a.	F 9
S 10	20 30 3	5°30'24	2♍33	25° 7	4° 1	25°34	7°12	29°42	12°40	25°28	1°24	18°28	19° 7	22°44	n.a.	S 10
S 11	20 34 0	6°29'08	16°26	24°38	5°16	26°14	7°24	29°40	12°42	25°29	1°24	18°29	19° 4	22°51	n.a.	S 11
M12	20 37 56	7°27'55	29°53	24°19	6°31	26°55	7°36	29°38	12°44	25°31	1°25	18°30	19° 1	22°58	n.a.	M12
T 13	20 41 53	8°26'43	12♎56	24° 9	7°46	27°35	7°49	29°36	12°46	25°33	1°26	18°31	18°58	23° 4	n.a.	T 13
W14	20 45 49	9°25'33	25°37	24°D 8	9° 1	28°15	8° 1	29°34	12°48	25°35	1°26	18°32	18°54	23°11	n.a.	W14
T 15	20 49 46	10°24'25	8♏ 0	24°18	10°16	28°56	8°13	29°31	12°50	25°36	1°27	18°R32	18°51	23°18	n.a.	T 15
F 16	20 53 42	11°23'18	20° 8	24°37	11°31	29°36	8°25	29°29	12°53	25°38	1°28	18°32	18°48	23°24	n.a.	F 16
S 17	20 57 39	12°22'14	2♐ 6	25° 6	12°46	0♍17	8°37	29°27	12°55	25°40	1°28	18°32	18°45	23°31	n.a.	S 17
S 18	21 1 35	13°21'12	13°58	25°44	14° 1	0°57	8°49	29°24	12°57	25°41	1°29	18°31	18°42	23°38	n.a.	S 18
M19	21 5 32	14°20'11	25°50	26°30	15°16	1°38	9° 1	29°21	13° 0	25°43	1°30	18°30	18°39	23°44	n.a.	M19
T 20	21 9 28	15°19'13	7♑43	27°25	16°31	2°18	9°13	29°19	13° 2	25°45	1°31	18°30	18°35	23°51	n.a.	T 20
W21	21 13 25	16°18'17	19°43	28°27	17°46	2°59	9°24	29°16	13° 4	25°46	1°32	18°30	18°32	23°58	n.a.	W21
T 22	21 17 22	17°17'22	1♒51	29°36	19° 1	3°40	9°36	29°13	13° 7	25°48	1°33	18°29	18°29	24° 5	n.a.	T 22
F 23	21 21 18	18°16'30	14° 8	0♌51	20°16	4°21	9°48	29°10	13° 9	25°49	1°34	18°29	18°26	24°11	n.a.	F 23
S 24	21 25 15	19°15'40	26°38	2°12	21°31	5° 1	9°59	29° 7	13°12	25°51	1°35	18°29	18°23	24°18	n.a.	S 24
S 25	21 29 11	20°14'52	9♓20	3°37	22°46	5°42	10°11	29° 4	13°14	25°52	1°36	18°29	18°20	24°25	n.a.	S 25
M26	21 33 8	21°14'06	22°16	5° 7	24° 2	6°23	10°22	29° 0	13°17	25°54	1°37	18°29	18°16	24°31	n.a.	M26
T 27	21 37 4	22°13'23	5♈25	6°40	25°17	7° 4	10°34	28°57	13°20	25°55	1°38	18°29	18°13	24°38	n.a.	T 27
W28	21 41 1	23°12'42	18°48	8°15	26°32	7°45	10°45	28°54	13°22	25°56	1°39	18°28	18°10	24°45	n.a.	W28
T 29	21 44 57	24°12'03	2♉24	9°54	27°47	8°26	10°56	28°50	13°25	25°58	1°40	18°28	18° 7	24°51	n.a.	T 29
F 30	21 48 54	25°11'27	16°14	11°34	29° 2	9° 8	11° 7	28°46	13°28	25°59	1°41	18°27	18° 4	24°58	n.a.	F 30
S 31	21 52 50	26♌10'54	0♊16	13♌15	0♍17	9♍49	11♋18	28♓43	13♎31	26♊ 0	1♏42	18°D27	18♒ 0	25♐ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n10	13n 0	4n42	15n41	4s12	23n 4	1n12	16n 5	0n56	24n14	0n30	2s33	2s45	4s30	0n32	23n19	0s26	2s50	9n55	15s29	15s11	27s56			n.a.
F 2	20 58	18 26	5 7	16 0	4 6	22 52	1 14	15 52	0 56	24 13	0 30	2 34	2 45	4 31	0 32	23 19	0 26	2 51	9 55	15 29	15 12	27 56			n.a.
S 3	20 46	23 2	5 15	16 21	3 58	22 39	1 15	15 38	0 55	24 13	0 30	2 34	2 45	4 31	0 32	23 19	0 26	2 51	9 54	15 30	15 13	27 56			n.a.
S 4	20 34	26 19	5 4	16 44	3 48	22 26	1 16	15 25	0 55	24 13	0 30	2 35	2 45	4 32	0 32	23 19	0 26	2 52	9 54	15 30	15 14	27 56			n.a.
M 5	20 21	27 54	4 32	17 9	3 36	22 12	1 17	15 11	0 55	24 12	0 30	2 36	2 46	4 33	0 31	23 19	0 26	2 52	9 53	15 31	15 15	27 56			n.a.
T 6	20 8	27 29	3 42	17 34	3 22	21 58	1 18	14 58	0 54	24 12	0 31	2 37	2 46	4 33	0 31	23 19	0 26	2 53	9 53	15 32	15 16	27 55			n.a.
W 7	19 55	25 5	2 37	18 0	3 7	21 42	1 19	14 44	0 54	24 11	0 31	2 38	2 46	4 34	0 31	23 19	0 26	2 54	9 52	15 32	15 17	27 55			n.a.
T 8	19 41	20 58	1 21	18 25	2 51	21 27	1 19	14 30	0 53	24 11	0 31	2 38	2 47	4 35	0 31	23 20	0 26	2 54	9 52	15 33	15 18	27 55			n.a.
F 9	19 27	15 38	0 1	18 51	2 33	21 10	1 20	14 16	0 53	24 10	0 31	2 39	2 47	4 36	0 31	23 20	0 26	2 55	9 52	15 33	15 19	27 55			n.a.
S 10	19 13	9 33	1s17	19 16	2 15	20 53	1 21	14 2	0 52	24 10	0 31	2 40	2 47	4 36	0 31	23 20	0 26	2 55	9 51	15 33	15 20	27 55			n.a.
S 11	18 58	3 10	2 29	19 40	1 56	20 35	1 21	13 47	0 52	24 9	0 31	2 41	2 47	4 37	0 31	23 20	0 26	2 56	9 51	15 32	15 21	27 55			n.a.
M12	18 43	3s 9	3 30	20 2	1 36	20 17	1 22	13 33	0 51	24 8	0 31	2 42	2 48	4 38	0 31	23 20	0 26	2 56	9 50	15 32	15 22	27 55			n.a.
T 13	18 27	9 8	4 18	20 22	1 17	19 58	1 23	13 18	0 51	24 8	0 32	2 43	2 48	4 39	0 31	23 20	0 26	2 57	9 50	15 32	15 23	27 55			n.a.
W14	18 12	14 35	4 52	20 41	0 59	19 38	1 23	13 4	0 50	24 7	0 32	2 44	2 48	4 40	0 31	23 20	0 26	2 58	9 49	15 32	15 24	27 55			n.a.
T 15	17 55	19 18	5 12	20 57	0 40	19 18	1 23	12 49	0 50	24 7	0 32	2 46	2 48	4 41	0 31	23 20	0 26	2 58	9 49	15 31	15 25	27 55			n.a.
F 16	17 39	23 9	5 17	21 11	0 23	18 57	1 24	12 34	0 49	24 6	0 32	2 47	2 49	4 42	0 31	23 20	0 26	2 59	9 49	15 31	15 26	27 54			n.a.
S 17	17 22	25 57	5 8	21 23	0 6	18 36	1 24	12 19	0 49	24 5	0 32	2 48	2 49	4 42	0 31	23 20	0 26	3 0	9 48	15 32	15 27	27 54			n.a.
S 18	17 5	27 36	4 46	21 31	0n10	18 14	1 24	12 4	0 48	24 5	0 32	2 49	2 49	4 43	0 31	23 20	0 26	3 0	9 48	15 32	15 28	27 54			n.a.
M19	16 48	27 59	4 12	21 37	0 25	17 52	1 24	11 49	0 48	24 4	0 32	2 50	2 49	4 44	0 31	23 20	0 26	3 1	9 47	15 32	15 29	27 54			n.a.
T 20	16 31	27 4	3 27	21 39	0 38	17 29	1 24	11 34	0 47	24 3	0 33	2 52	2 50	4 45	0 31	23 20	0 26	3 2	9 47	15 32	15 30	27 54			n.a.
W21	16 13	24 53	2 33	21 39	0 51	17 6	1 24	11 18	0 47	24 3	0 33	2 53	2 50	4 46	0 31	23 20	0 26	3 2	9 47	15 32	15 31	27 54			n.a.
T 22	15 55	21 34	1 31	21 35	1 2	16 42	1 24	11 3	0 46	24 2	0 33	2 55	2 50	4 47	0 31	23 20	0 26	3 3	9 46	15 32	15 32	27 53			n.a.
F 23	15 36	17 15	0 24	21 29	1 12	16 18	1 24	10 47	0 46	24 1	0 33	2 56	2 50	4 48	0 31	23 20	0 26	3 4	9 46	15 32	15 33	27 53			n.a.
S 24	15 18	12 8	0n45	21 19	1 21	15 53	1 24	10 31	0 45	24 1	0 33	2 57	2 50	4 49	0 31	23 20	0 26	3 4	9 45	15 32	15 34	27 53			n.a.
S 25	14 59	6 27	1 53	21 7	1 29	15 28	1 24	10 16	0 45	24 0	0 33	2 59	2 51	4 50	0 31	23 21	0 26	3 5	9 45	15 32	15 35	27 53			n.a.
M26	14 40	0 25	2 57	20 51	1 36	15 3	1 23	10 0	0 44	23 59	0 33	3 0	2 51	4 51	0 31	23 21	0 26	3 6	9 45	15 32	15 36	27 52			n.a.
T 27	14 20	5n43	3 52	20 33	1 41	14 37	1 23	9 44	0 43	23 58	0 34	3 2	2 51	4 52	0 31	23 21	0 26	3 7	9 44	15 33	15 37	27 52			n.a.
W28	14 0	11 43	4 36	20 12	1 46	14 10	1 23	9 28	0 43	23 58	0 34	3 4	2 51	4 54	0 31	23 21	0 26	3 7	9 44	15 33	15 38	27 52			n.a.
T 29	13 41	17 16	5 5	19 49	1 49	13 44	1 22	9 12	0 42	23 57	0 34	3 5	2 51	4 55	0 31	23 21	0 26	3 8	9 43	15 33	15 39	27 52			n.a.
F 30	13 20	22 1	5 17	19 24	1 52	13 16	1 22	8 56	0 42	23 56	0 34	3 7	2 52	4 56	0 31	23 21	0 26	3 9	9 43	15 33	15 40	27 51			n.a.
S 31	13n 0	25n36	5n10	18n56	1n54	12n49	1n21	8n39	0n41	23n55	0n34	3s 8	2s52	4s57	0n31	23n21	0s26	3s10	9n43	15s33	15s41	27s51			n.a.

Julian Day Number = 1278587.5, Delta T = 08h10m19s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'34, Lahiri = -20°41'34 Julian Calendar 1 Aug. 1213 BCE == Greg. Calendar 21 July 1213 BCE

The year -1212 astronomical counting style corresponds to year 1213 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1213 BCE
geocentric

SEPTEMBER 1213 BCE (-1212) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 56 47	27♌10'23	14♊29	14♌58	1♍33	10♍30	11♋29	28°R39	13♎33	26♊ 2	1♏44	18♒28	17♒57	25♐11	n.a.	S 1
M 2	22 0 44	28° 9'55	28°52	16°42	2°48	11°11	11°40	28♓35	13°36	26° 3	1°45	18°28	17°54	25°18	n.a.	M 2
T 3	22 4 40	29° 9'29	13♋20	18°26	4° 3	11°53	11°51	28°31	13°39	26° 4	1°46	18°29	17°51	25°25	n.a.	T 3
W 4	22 8 37	0♍ 9'05	27°49	20°11	5°18	12°34	12° 2	28°27	13°42	26° 5	1°47	18°30	17°48	25°32	n.a.	W 4
T 5	22 12 33	1° 8'44	12♌15	21°56	6°33	13°16	12°12	28°23	13°45	26° 7	1°49	18°R30	17°45	25°38	n.a.	T 5
F 6	22 16 30	2° 8'25	26°32	23°40	7°49	13°57	12°23	28°19	13°48	26° 8	1°50	18°30	17°41	25°45	n.a.	F 6
S 7	22 20 26	3° 8'08	10♍36	25°25	9° 4	14°39	12°33	28°15	13°51	26° 9	1°52	18°30	17°38	25°52	n.a.	S 7
S 8	22 24 23	4° 7'53	24°22	27°10	10°19	15°21	12°44	28°11	13°54	26°10	1°53	18°28	17°35	25°58	n.a.	S 8
M 9	22 28 19	5° 7'40	7♎47	28°54	11°34	16° 2	12°54	28° 7	13°57	26°11	1°54	18°26	17°32	26° 5	n.a.	M 9
T 10	22 32 16	6° 7'29	20°51	0♍38	12°50	16°44	13° 4	28° 2	14° 0	26°12	1°56	18°23	17°29	26°12	n.a.	T 10
W11	22 36 13	7° 7'20	3♏34	2°21	14° 5	17°26	13°14	27°58	14° 3	26°13	1°57	18°21	17°26	26°18	n.a.	W11
T 12	22 40 9	8° 7'13	15°59	4° 4	15°20	18° 8	13°24	27°53	14° 7	26°14	1°59	18°18	17°22	26°25	n.a.	T 12
F 13	22 44 6	9° 7'08	28° 8	5°46	16°35	18°50	13°34	27°49	14°10	26°15	2° 0	18°17	17°19	26°32	n.a.	F 13
S 14	22 48 2	10° 7'05	10♐ 7	7°28	17°51	19°32	13°44	27°44	14°13	26°16	2° 2	18°D17	17°16	26°38	n.a.	S 14
S 15	22 51 59	11° 7'03	22° 0	9°10	19° 6	20°14	13°54	27°40	14°16	26°17	2° 4	18°17	17°13	26°45	n.a.	S 15
M16	22 55 55	12° 7'03	3♑51	10°50	20°21	20°56	14° 4	27°35	14°20	26°17	2° 5	18°18	17°10	26°52	n.a.	M16
T 17	22 59 52	13° 7'06	15°45	12°31	21°36	21°38	14°13	27°30	14°23	26°18	2° 7	18°20	17° 6	26°59	n.a.	T 17
W18	23 3 48	14° 7'09	27°48	14°10	22°52	22°20	14°22	27°26	14°26	26°19	2° 9	18°22	17° 3	27° 5	n.a.	W18
T 19	23 7 45	15° 7'15	10♒ 2	15°50	24° 7	23° 2	14°32	27°21	14°30	26°20	2°10	18°23	17° 0	27°12	n.a.	T 19
F 20	23 11 41	16° 7'23	22°31	17°28	25°22	23°45	14°41	27°16	14°33	26°20	2°12	18°R23	16°57	27°19	n.a.	F 20
S 21	23 15 38	17° 7'32	5♓16	19° 6	26°37	24°27	14°50	27°11	14°36	26°21	2°14	18°22	16°54	27°25	n.a.	S 21
S 22	23 19 35	18° 7'43	18°20	20°44	27°53	25° 9	14°59	27° 7	14°40	26°22	2°16	18°19	16°51	27°32	n.a.	S 22
M23	23 23 31	19° 7'56	1♈40	22°21	29° 8	25°52	15° 8	27° 2	14°43	26°22	2°17	18°15	16°47	27°39	n.a.	M23
T 24	23 27 28	20° 8'11	15°16	23°58	0♎23	26°34	15°16	26°57	14°47	26°23	2°19	18°10	16°44	27°45	n.a.	T 24
W25	23 31 24	21° 8'28	29° 4	25°34	1°38	27°17	15°25	26°52	14°50	26°23	2°21	18° 5	16°41	27°52	n.a.	W25
T 26	23 35 21	22° 8'48	13♉ 2	27° 9	2°54	27°59	15°34	26°47	14°54	26°24	2°23	18° 0	16°38	27°59	n.a.	T 26
F 27	23 39 17	23° 9'09	27° 7	28°45	4° 9	28°42	15°42	26°42	14°57	26°24	2°25	17°56	16°35	28° 5	n.a.	F 27
S 28	23 43 14	24° 9'33	11♊15	0♎20	5°24	29°25	15°50	26°37	15° 1	26°25	2°27	17°54	16°31	28°12	n.a.	S 28
S 29	23 47 10	25° 9'59	25°24	1°54	6°39	0♎ 7	15°58	26°32	15° 4	26°25	2°29	17°D53	16°28	28°19	n.a.	S 29
M30	23 51 7	26♍10'27	9♋33	3♎28	7♎55	0♎50	16♋ 6	26♓27	15♎ 8	26♊26	2♏30	17♒54	16♒25	28♐26	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n39	27n38	4n45	18n27	1n55	12n21	1n20	8n23	0n41	23n54	0n34	3s10	2s52	4s58	0n31	23n21	0s26	3s10	9n42	15s33	15s42	27s51		n.a.
M 2	12 19	27 52	4 2	17 55	1 55	11 53	1 19	8 6	0 40	23 54	0 35	3 12	2 52	4 59	0 31	23 21	0 26	3 11	9 42	15 33	15 43	27 51		n.a.
T 3	11 58	26 11	3 3	17 22	1 55	11 24	1 19	7 50	0 40	23 53	0 35	3 14	2 52	5 0	0 31	23 21	0 26	3 12	9 42	15 32	15 44	27 50		n.a.
W 4	11 36	22 47	1 52	16 48	1 54	10 55	1 18	7 33	0 39	23 52	0 35	3 15	2 53	5 2	0 31	23 21	0 26	3 13	9 41	15 32	15 45	27 50		n.a.
T 5	11 15	17 58	0 35	16 12	1 52	10 26	1 17	7 17	0 39	23 51	0 35	3 17	2 53	5 3	0 31	23 21	0 26	3 13	9 41	15 32	15 46	27 50		n.a.
F 6	10 53	12 11	0s44	15 35	1 50	9 57	1 16	7 0	0 38	23 50	0 35	3 19	2 53	5 4	0 31	23 21	0 26	3 14	9 40	15 32	15 47	27 49		n.a.
S 7	10 31	5 53	1 59	14 56	1 47	9 27	1 15	6 43	0 38	23 49	0 35	3 21	2 53	5 5	0 30	23 21	0 26	3 15	9 40	15 32	15 48	27 49		n.a.
S 8	10 9	0s33	3 5	14 17	1 44	8 57	1 14	6 26	0 37	23 49	0 36	3 23	2 53	5 6	0 30	23 21	0 26	3 16	9 40	15 33	15 49	27 49		n.a.
M 9	9 47	6 48	4 0	13 37	1 41	8 27	1 12	6 9	0 36	23 48	0 36	3 24	2 53	5 8	0 30	23 21	0 26	3 17	9 39	15 33	15 50	27 48		n.a.
T 10	9 25	12 35	4 40	12 56	1 37	7 57	1 11	5 52	0 36	23 47	0 36	3 26	2 53	5 9	0 30	23 21	0 26	3 18	9 39	15 34	15 51	27 48		n.a.
W11	9 2	17 40	5 5	12 15	1 33	7 26	1 10	5 35	0 35	23 46	0 36	3 28	2 54	5 10	0 30	23 21	0 26	3 18	9 39	15 35	15 52	27 48		n.a.
T 12	8 40	21 54	5 15	11 33	1 28	6 55	1 9	5 18	0 35	23 45	0 36	3 30	2 54	5 11	0 30	23 21	0 26	3 19	9 38	15 36	15 53	27 47		n.a.
F 13	8 17	25 7	5 10	10 50	1 23	6 24	1 7	5 1	0 34	23 44	0 37	3 32	2 54	5 13	0 30	23 21	0 26	3 20	9 38	15 36	15 54	27 47		n.a.
S 14	7 54	27 10	4 53	10 7	1 18	5 53	1 6	4 44	0 34	23 44	0 37	3 34	2 54	5 14	0 30	23 21	0 26	3 21	9 38	15 36	15 55	27 47		n.a.
S 15	7 31	27 57	4 22	9 23	1 13	5 22	1 4	4 26	0 33	23 43	0 37	3 36	2 54	5 15	0 30	23 21	0 26	3 22	9 37	15 36	15 56	27 46		n.a.
M16	7 8	27 28	3 41	8 40	1 7	4 50	1 3	4 9	0 33	23 42	0 37	3 38	2 54	5 17	0 30	23 21	0 26	3 23	9 37	15 36	15 57	27 46		n.a.
T 17	6 44	25 42	2 50	7 56	1 2	4 19	1 1	3 52	0 32	23 41	0 37	3 40	2 54	5 18	0 30	23 21	0 26	3 24	9 37	15 35	15 58	27 45		n.a.
W18	6 21	22 46	1 51	7 11	0 56	3 47	0 59	3 34	0 31	23 40	0 37	3 42	2 54	5 19	0 30	23 21	0 26	3 24	9 36	15 35	15 59	27 45		n.a.
T 19	5 57	18 46	0 46	6 27	0 50	3 15	0 58	3 17	0 31	23 39	0 38	3 44	2 54	5 21	0 30	23 21	0 26	3 25	9 36	15 34	16 0	27 45		n.a.
F 20	5 34	13 53	0n23	5 42	0 44	2 43	0 56	2 59	0 30	23 39	0 38	3 46	2 54	5 22	0 30	23 21	0 26	3 26	9 36	15 34	16 1	27 44		n.a.
S 21	5 10	8 19	1 31	4 58	0 38	2 11	0 54	2 42	0 30	23 38	0 38	3 48	2 54	5 23	0 30	23 21	0 26	3 27	9 35	15 35	16 2	27 44		n.a.
S 22	4 46	2 18	2 37	4 13	0 31	1 39	0 52	2 24	0 29	23 37	0 38	3 50	2 55	5 25	0 30	23 21	0 26	3 28	9 35	15 35	16 3	27 43		n.a.
M23	4 22	3n57	3 35	3 28	0 25	1 7	0 50	2 6	0 29	23 36	0 38	3 52	2 55	5 26	0 30	23 21	0 26	3 29	9 35	15 37	16 4	27 43		n.a.
T 24	3 58	10 7	4 22	2 43	0 19	0 35	0 48	1 49	0 28	23 35	0 39	3 54	2 55	5 27	0 30	23 21	0 26	3 30	9 34	15 38	16 5	27 42		n.a.
W25	3 34	15 54	4 54	1 59	0 12	0 3	0 46	1 31	0 27	23 35	0 39	3 56	2 55	5 29	0 30	23 21	0 26	3 31	9 34	15 40	16 6	27 42		n.a.
T 26	3 10	20 55	5 10	1 14	0 6	0s30	0 44	1 13	0 27	23 34	0 39	3 58	2 55	5 30	0 30	23 21	0 26	3 32	9 34	15 41	16 7	27 42		n.a.
F 27	2 46	24 49	5 7	0 30	0s 1	1 2	0 42	0 55	0 26	23 33	0 39	4 0	2 55	5 31	0 30	23 21	0 26	3 32	9 33	15 43	16 8	27 41		n.a.
S 28	2 21	27 13	4 46	0s15	0 8	1 34	0 40	0 38	0 26	23 32	0 39	4 2	2 55	5 33	0 30	23 21	0 26	3 33	9 33	15 43	16 9	27 41		n.a.
S 29	1 57	27 53	4 7	0 59	0 14	2 6	0 38	0 20	0 25	23 31	0 40	4 4	2 55	5 34	0 30	23 21	0 26	3 34	9 33	15 44	16 10	27 40		n.a.
M30	1n33	26n42	3n13	1s43	0s21	2s38	0n36	0n 2	0n24	23n31	0n40	4s 6	2s55	5s36	0n30	23n21	0s26	3s35	9n33	15s43	16s11	27s40		n.a.

Julian Day Number = 1278618.5, Delta T = 08h10m18s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'30, Lahiri = -20°41'30 Julian Calendar 1 Sept. 1213 BCE == Greg. Calendar 21 Aug. 1213 BCE

The year -1212 astronomical counting style corresponds to year 1213 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1213 BCE
geocentric

OCTOBER 1213 BCE (-1212) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 55 4	27♍10'56	23♋39	5♎ 2	9♎10	1♎33	16♋14	26°R22	15♎11	26♊26	2♏32	17♒55	16♒22	28♐32	n.a.	T 1
W 2	23 59 0	28°11'28	7♌42	6°35	10°25	2°16	16°22	26♓18	15°15	26°26	2°34	17°56	16°19	28°39	n.a.	W 2
T 3	0 2 57	29°12'02	21°40	8° 9	11°40	2°59	16°29	26°13	15°19	26°27	2°36	17°R57	16°16	28°46	n.a.	T 3
F 4	0 6 53	0♎12'38	5♍30	9°41	12°56	3°42	16°37	26° 8	15°22	26°27	2°38	17°55	16°12	28°52	n.a.	F 4
S 5	0 10 50	1°13'16	19°10	11°14	14°11	4°25	16°44	26° 3	15°26	26°27	2°40	17°52	16° 9	28°59	n.a.	S 5
S 6	0 14 46	2°13'55	2♎37	12°46	15°26	5° 8	16°51	25°58	15°29	26°27	2°42	17°46	16° 6	29° 6	n.a.	S 6
M 7	0 18 43	3°14'36	15°50	14°18	16°41	5°52	16°58	25°53	15°33	26°27	2°44	17°38	16° 3	29°12	n.a.	M 7
T 8	0 22 39	4°15'18	28°46	15°49	17°57	6°35	17° 5	25°48	15°37	26°27	2°47	17°30	16° 0	29°19	n.a.	T 8
W 9	0 26 36	5°16'02	11♏26	17°21	19°12	7°18	17°12	25°43	15°40	26°27	2°49	17°21	15°57	29°26	n.a.	W 9
T 10	0 30 33	6°16'48	23°49	18°51	20°27	8° 1	17°18	25°38	15°44	26°R27	2°51	17°13	15°53	29°32	n.a.	T 10
F 11	0 34 29	7°17'34	5♐58	20°22	21°42	8°45	17°25	25°34	15°48	26°27	2°53	17° 6	15°50	29°39	n.a.	F 11
S 12	0 38 26	8°18'22	17°56	21°52	22°57	9°28	17°31	25°29	15°52	26°27	2°55	17° 1	15°47	29°46	n.a.	S 12
S 13	0 42 22	9°19'12	29°47	23°22	24°13	10°12	17°37	25°24	15°55	26°27	2°57	16°59	15°44	29°52	n.a.	S 13
M14	0 46 19	10°20'02	11♑37	24°52	25°28	10°55	17°43	25°20	15°59	26°27	2°59	16°D58	15°41	29°59	n.a.	M14
T 15	0 50 15	11°20'54	23°30	26°21	26°43	11°39	17°49	25°15	16° 3	26°27	3° 1	16°59	15°37	0♑ 6	n.a.	T 15
W16	0 54 12	12°21'46	5♒32	27°50	27°58	12°23	17°55	25°10	16° 6	26°27	3° 4	17° 0	15°34	0°13	n.a.	W16
T 17	0 58 8	13°22'40	17°47	29°19	29°13	13° 6	18° 0	25° 6	16°10	26°27	3° 6	17°R 0	15°31	0°19	n.a.	T 17
F 18	1 2 5	14°23'35	0♓21	0♏47	0♏28	13°50	18° 5	25° 1	16°14	26°26	3° 8	16°59	15°28	0°26	n.a.	F 18
S 19	1 6 2	15°24'31	13°17	2°14	1°44	14°34	18°10	24°57	16°18	26°26	3°10	16°56	15°25	0°33	n.a.	S 19
S 20	1 9 58	16°25'27	26°36	3°41	2°59	15°18	18°15	24°52	16°21	26°26	3°12	16°51	15°22	0°39	n.a.	S 20
M21	1 13 55	17°26'25	10♈18	5° 7	4°14	16° 2	18°20	24°48	16°25	26°25	3°15	16°42	15°18	0°46	n.a.	M21
T 22	1 17 51	18°27'24	24°20	6°32	5°29	16°46	18°25	24°44	16°29	26°25	3°17	16°33	15°15	0°53	n.a.	T 22
W23	1 21 48	19°28'25	8♉38	7°56	6°44	17°30	18°29	24°39	16°32	26°25	3°19	16°22	15°12	0°59	n.a.	W23
T 24	1 25 44	20°29'26	23° 5	9°20	7°59	18°14	18°34	24°35	16°36	26°24	3°21	16°12	15° 9	1° 6	n.a.	T 24
F 25	1 29 41	21°30'29	7♊35	10°42	9°14	18°58	18°38	24°31	16°40	26°24	3°24	16° 3	15° 6	1°13	n.a.	F 25
S 26	1 33 37	22°31'33	22° 2	12° 2	10°29	19°42	18°42	24°27	16°44	26°23	3°26	15°57	15° 3	1°19	n.a.	S 26
S 27	1 37 34	23°32'39	6♋22	13°21	11°44	20°26	18°46	24°23	16°47	26°23	3°28	15°54	14°59	1°26	n.a.	S 27
M28	1 41 31	24°33'45	20°31	14°38	12°59	21°10	18°49	24°19	16°51	26°22	3°30	15°D52	14°56	1°33	n.a.	M28
T 29	1 45 27	25°34'53	4♌29	15°53	14°14	21°55	18°53	24°15	16°55	26°21	3°33	15°52	14°53	1°39	n.a.	T 29
W30	1 49 24	26°36'02	18°15	17° 5	15°29	22°39	18°56	24°12	16°58	26°21	3°35	15°R53	14°50	1°46	n.a.	W30
T 31	1 53 20	27♎37'12	1♍51	18♏15	16♏44	23♎23	18♋59	24♓ 8	17♎ 2	26♊20	3♏37	15♒52	14♒47	1♑53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n 8	23n50	2n 8	2s27	0s27	3s10	0n34	0s16	0n24	23n30	0n40	4s 8	2s55	5s37	0n30	23n21	0s26	3s36	9n32	15s43	16s12	27s39			n.a.
W 2	0 44	19 32	0 55	3 10	0 34	3 43	0 32	0 34	0 23	23 29	0 40	4 10	2 55	5 39	0 30	23 21	0 26	3 37	9 32	15 43	16 13	27 38			n.a.
T 3	0 19	14 12	0s20	3 54	0 40	4 14	0 29	0 52	0 23	23 28	0 41	4 12	2 55	5 40	0 30	23 21	0 26	3 38	9 32	15 43	16 14	27 38			n.a.
F 4	0s 5	8 12	1 34	4 37	0 47	4 46	0 27	1 10	0 22	23 28	0 41	4 14	2 55	5 41	0 30	23 21	0 26	3 39	9 32	15 43	16 15	27 37			n.a.
S 5	0 30	1 54	2 41	5 19	0 53	5 18	0 25	1 28	0 21	23 27	0 41	4 16	2 55	5 43	0 30	23 21	0 26	3 40	9 31	15 44	16 16	27 37			n.a.
S 6	0 54	4s23	3 38	6 2	0 59	5 50	0 22	1 46	0 21	23 26	0 41	4 17	2 55	5 44	0 30	23 21	0 26	3 41	9 31	15 46	16 17	27 36			n.a.
M 7	1 19	10 21	4 22	6 44	1 5	6 21	0 20	2 3	0 20	23 26	0 41	4 19	2 54	5 46	0 30	23 21	0 26	3 42	9 31	15 48	16 18	27 36			n.a.
T 8	1 43	15 44	4 51	7 25	1 11	6 53	0 18	2 21	0 20	23 25	0 42	4 21	2 54	5 47	0 30	23 21	0 26	3 43	9 31	15 51	16 18	27 35			n.a.
W 9	2 8	20 20	5 5	8 6	1 17	7 24	0 15	2 39	0 19	23 24	0 42	4 23	2 54	5 49	0 30	23 21	0 26	3 43	9 30	15 54	16 19	27 35			n.a.
T 10	2 32	23 57	5 5	8 47	1 23	7 55	0 13	2 57	0 18	23 24	0 42	4 25	2 54	5 50	0 30	23 21	0 26	3 44	9 30	15 56	16 20	27 34			n.a.
F 11	2 56	26 26	4 51	9 27	1 29	8 26	0 11	3 15	0 18	23 23	0 42	4 27	2 54	5 52	0 30	23 21	0 26	3 45	9 30	15 58	16 21	27 33			n.a.
S 12	3 21	27 40	4 24	10 7	1 34	8 57	0 8	3 33	0 17	23 22	0 43	4 29	2 54	5 53	0 30	23 21	0 26	3 46	9 30	16 0	16 22	27 33			n.a.
S 13	3 45	27 36	3 46	10 46	1 40	9 27	0 6	3 51	0 16	23 22	0 43	4 31	2 54	5 54	0 30	23 21	0 26	3 47	9 29	16 0	16 23	27 32			n.a.
M14	4 9	26 17	2 58	11 24	1 45	9 58	0 3	4 9	0 16	23 21	0 43	4 32	2 54	5 56	0 30	23 21	0 26	3 48	9 29	16 1	16 24	27 32			n.a.
T 15	4 34	23 46	2 3	12 2	1 50	10 28	0 1	4 27	0 15	23 21	0 43	4 34	2 54	5 57	0 30	23 21	0 26	3 49	9 29	16 0	16 25	27 31			n.a.
W16	4 58	20 12	1 1	12 39	1 54	10 57	0s 2	4 45	0 15	23 20	0 43	4 36	2 54	5 59	0 30	23 21	0 26	3 50	9 29	16 0	16 26	27 30			n.a.
T 17	5 22	15 41	0n 4	13 16	1 59	11 27	0 4	5 3	0 14	23 20	0 44	4 38	2 54	6 0	0 30	23 21	0 26	3 51	9 29	16 0	16 27	27 30			n.a.
F 18	5 46	10 26	1 11	13 51	2 3	11 56	0 7	5 21	0 13	23 19	0 44	4 39	2 54	6 2	0 30	23 21	0 26	3 52	9 28	16 0	16 28	27 29			n.a.
S 19	6 10	4 36	2 16	14 26	2 7	12 25	0 9	5 38	0 13	23 19	0 44	4 41	2 53	6 3	0 30	23 21	0 26	3 53	9 28	16 1	16 29	27 28			n.a.
S 20	6 34	1n36	3 15	14 59	2 10	12 54	0 12	5 56	0 12	23 18	0 44	4 43	2 53	6 5	0 30	23 21	0 26	3 54	9 28	16 3	16 30	27 28			n.a.
M21	6 57	7 53	4 5	15 32	2 14	13 22	0 14	6 14	0 11	23 18	0 45	4 44	2 53	6 6	0 30	23 21	0 26	3 55	9 28	16 5	16 31	27 27			n.a.
T 22	7 21	13 55	4 41	16 4	2 17	13 50	0 17	6 32	0 11	23 18	0 45	4 46	2 53	6 8	0 30	23 21	0 26	3 55	9 28	16 8	16 32	27 26			n.a.
W23	7 45	19 20	5 0	16 35	2 19	14 18	0 19	6 49	0 10	23 17	0 45	4 48	2 53	6 9	0 30	23 21	0 26	3 56	9 28	16 12	16 33	27 26			n.a.
T 24	8 8	23 42	5 1	17 4	2 21	14 45	0 22	7 7	0 9	23 17	0 45	4 49	2 53	6 10	0 30	23 21	0 26	3 57	9 27	16 15	16 34	27 25			n.a.
F 25	8 31	26 35	4 42	17 32	2 23	15 12	0 24	7 25	0 9	23 16	0 46	4 51	2 52	6 12	0 30	23 21	0 26	3 58	9 27	16 17	16 35	27 24			n.a.
S 26	8 54	27 41	4 5	17 59	2 24	15 38	0 27	7 42	0 8	23 16	0 46	4 52	2 52	6 13	0 30	23 21	0 26	3 59	9 27	16 19	16 36	27 24			n.a.
S 27	9 17	26 54	3 14	18 24	2 24	16 4	0 29	8 0	0 7	23 16	0 46	4 54	2 52	6 15	0 30	23 21	0 26	4 0	9 27	16 20	16 37	27 23			n.a.
M28	9 40	24 23	2 10	18 47	2 24	16 30	0 32	8 17	0 7	23 16	0 46	4 55	2 52	6 16	0 30	23 21	0 26	4 1	9 27	16 21	16 38	27 22			n.a.
T 29	10 3	20 26	1 0	19 9	2 23	16 55	0 34	8 35	0 6	23 15	0 47	4 56	2 52	6 18	0 30	23 21	0 26	4 2	9 27	16 21	16 39	27 22			n.a.
W30	10 26	15 25	0s13	19 29	2 22	17 20	0 37	8 52	0 6	23 15	0 47	4 58	2 52	6 19	0 30	23 21	0 26	4 3	9 26	16 21	16 39	27 21			n.a.
T 31	10s48	9n42	1s24	19s47	2s19	17s44	0s39	9s 9	0n 5	23n15	0n47	4s59	2s51	6s21	0n30	23n21	0s26	4s 3	9n26	16s21	16s40	27s20			n.a.

Julian Day Number = 1278648.5, Delta T = 08h10m16s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'26, Lahiri = -20°41'26 Julian Calendar 1 Oct. 1213 BCE == Greg. Calendar 20 Sept. 1213 BCE

The year -1212 astronomical counting style corresponds to year 1213 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1213 BCE
geocentric

NOVEMBER 1213 BCE (-1212) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 57 17	28♎38'24	15♍16	19♏20	17♏59	24♎ 8	19♋ 2	24°R 4	17♎ 6	26°R19	3♏40	15°R48	14♒43	1♉59	n.a.	F 1
S 2	2 1 13	29°39'36	28°30	20°22	19°14	24°52	19° 5	24♓ 1	17° 9	26♊19	3°42	15♒42	14°40	2° 6	n.a.	S 2
S 3	2 5 10	0♏40'49	11♎35	21°20	20°29	25°37	19° 7	23°57	17°13	26°18	3°44	15°33	14°37	2°13	n.a.	S 3
M 4	2 9 6	1°42'02	24°28	22°12	21°44	26°21	19° 9	23°54	17°17	26°17	3°46	15°21	14°34	2°20	n.a.	M 4
T 5	2 13 3	2°43'17	7♏ 9	22°58	22°59	27° 6	19°12	23°51	17°20	26°16	3°49	15° 7	14°31	2°26	n.a.	T 5
W 6	2 17 0	3°44'32	19°37	23°38	24°14	27°51	19°13	23°47	17°24	26°15	3°51	14°53	14°28	2°33	n.a.	W 6
T 7	2 20 56	4°45'48	1♐53	24°10	25°29	28°35	19°15	23°44	17°28	26°14	3°53	14°39	14°24	2°40	n.a.	T 7
F 8	2 24 53	5°47'04	13°58	24°34	26°44	29°20	19°17	23°41	17°31	26°13	3°56	14°28	14°21	2°46	n.a.	F 8
S 9	2 28 49	6°48'21	25°54	24°48	27°59	0♏ 5	19°18	23°38	17°35	26°13	3°58	14°19	14°18	2°53	n.a.	S 9
S 10	2 32 46	7°49'37	7♑43	24°R52	29°14	0°50	19°19	23°36	17°38	26°12	4° 0	14°13	14°15	3° 0	n.a.	S 10
M11	2 36 42	8°50'54	19°31	24°45	0♐29	1°35	19°20	23°33	17°42	26°11	4° 3	14° 9	14°12	3° 6	n.a.	M11
T 12	2 40 39	9°52'12	1♒21	24°27	1°44	2°20	19°21	23°30	17°45	26° 9	4° 5	14° 8	14° 8	3°13	n.a.	T 12
W13	2 44 36	10°53'29	13°20	23°57	2°59	3° 5	19°22	23°28	17°49	26° 8	4° 7	14° 8	14° 5	3°20	n.a.	W13
T 14	2 48 32	11°54'46	25°32	23°15	4°13	3°50	19°22	23°25	17°53	26° 7	4° 9	14° 8	14° 2	3°26	n.a.	T 14
F 15	2 52 29	12°56'03	8♓ 4	22°22	5°28	4°35	19°22	23°23	17°56	26° 6	4°12	14° 6	13°59	3°33	n.a.	F 15
S 16	2 56 25	13°57'20	21° 0	21°19	6°43	5°20	19°R22	23°21	17°59	26° 5	4°14	14° 2	13°56	3°40	n.a.	S 16
S 17	3 0 22	14°58'37	4♈23	20° 8	7°58	6° 5	19°22	23°19	18° 3	26° 4	4°16	13°56	13°53	3°46	n.a.	S 17
M18	3 4 18	15°59'53	18°14	18°51	9°13	6°50	19°22	23°17	18° 6	26° 3	4°19	13°47	13°49	3°53	n.a.	M18
T 19	3 8 15	17° 1'10	2♉32	17°30	10°27	7°35	19°21	23°15	18°10	26° 2	4°21	13°35	13°46	4° 0	n.a.	T 19
W20	3 12 11	18° 2'27	17°11	16° 8	11°42	8°21	19°20	23°13	18°13	26° 0	4°23	13°23	13°43	4° 6	n.a.	W20
T 21	3 16 8	19° 3'44	2♊ 4	14°48	12°57	9° 6	19°19	23°11	18°16	25°59	4°25	13°11	13°40	4°13	n.a.	T 21
F 22	3 20 5	20° 5'01	17° 2	13°32	14°11	9°51	19°18	23°10	18°20	25°58	4°28	13° 1	13°37	4°20	n.a.	F 22
S 23	3 24 1	21° 6'18	1♋55	12°23	15°26	10°37	19°17	23° 8	18°23	25°56	4°30	12°53	13°34	4°26	n.a.	S 23
S 24	3 27 58	22° 7'35	16°36	11°21	16°41	11°22	19°15	23° 7	18°26	25°55	4°32	12°49	13°30	4°33	n.a.	S 24
M25	3 31 54	23° 8'53	1♌ 0	10°29	17°55	12° 8	19°14	23° 6	18°30	25°54	4°34	12°47	13°27	4°40	n.a.	M25
T 26	3 35 51	24°10'10	15° 4	9°47	19°10	12°53	19°12	23° 5	18°33	25°52	4°36	12°D46	13°24	4°46	n.a.	T 26
W27	3 39 47	25°11'27	28°49	9°15	20°24	13°39	19°10	23° 4	18°36	25°51	4°39	12°R46	13°21	4°53	n.a.	W27
T 28	3 43 44	26°12'45	12♍16	8°53	21°39	14°24	19° 7	23° 3	18°39	25°50	4°41	12°45	13°18	5° 0	n.a.	T 28
F 29	3 47 41	27°14'02	25°26	8°41	22°54	15°10	19° 5	23° 2	18°42	25°48	4°43	12°42	13°14	5° 6	n.a.	F 29
S 30	3 51 37	28♏15'19	8♎23	8°D39	24♐ 8	15♏56	19♋ 2	23♓ 1	18♎45	25♊47	4♏45	12♒36	13♒11	5♉13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
F 1	11s10	3n37	2s29	20s 2	2s16	18s 8	0s41	9s27	0n 4	23n15	0n47	5s 0	2s51	6s22	0n30	23n21	0s26	4s 4	9n26	16s22	16s41	27s19			n.a.
S 2	11 32	2s31	3 25	20 16	2 12	18 32	0 44	9 44	0 4	23 15	0 48	5 1	2 51	6 23	0 30	23 21	0 26	4 5	9 26	16 24	16 42	27 19			n.a.
S 3	11 54	8 28	4 10	20 26	2 7	18 55	0 46	10 1	0 3	23 15	0 48	5 3	2 51	6 25	0 30	23 21	0 26	4 6	9 26	16 27	16 43	27 18			n.a.
M 4	12 16	13 58	4 41	20 34	2 1	19 17	0 48	10 18	0 2	23 14	0 48	5 4	2 51	6 26	0 30	23 21	0 26	4 7	9 26	16 30	16 44	27 17			n.a.
T 5	12 37	18 47	4 57	20 39	1 54	19 39	0 51	10 35	0 2	23 14	0 48	5 5	2 50	6 28	0 30	23 21	0 26	4 8	9 26	16 34	16 45	27 16			n.a.
W 6	12 58	22 43	4 59	20 41	1 45	20 0	0 53	10 52	0 1	23 14	0 49	5 6	2 50	6 29	0 30	23 21	0 26	4 9	9 26	16 39	16 46	27 15			n.a.
T 7	13 19	25 34	4 47	20 40	1 35	20 21	0 55	11 9	0 0	23 14	0 49	5 7	2 50	6 31	0 30	23 21	0 26	4 10	9 26	16 43	16 47	27 15			n.a.
F 8	13 40	27 11	4 22	20 35	1 24	20 41	0 57	11 26	0s 0	23 14	0 49	5 8	2 50	6 32	0 30	23 21	0 26	4 10	9 26	16 46	16 48	27 14			n.a.
S 9	14 1	27 32	3 46	20 26	1 11	21 1	1 0	11 42	0 1	23 14	0 50	5 9	2 49	6 33	0 30	23 21	0 26	4 11	9 25	16 49	16 49	27 13			n.a.
S 10	14 21	26 36	3 0	20 13	0 57	21 20	1 2	11 59	0 2	23 15	0 50	5 10	2 49	6 35	0 30	23 21	0 26	4 12	9 25	16 50	16 50	27 12			n.a.
M11	14 41	24 29	2 6	19 57	0 41	21 38	1 4	12 15	0 2	23 15	0 50	5 11	2 49	6 36	0 30	23 21	0 26	4 13	9 25	16 51	16 51	27 11			n.a.
T 12	15 1	21 17	1 7	19 35	0 24	21 56	1 6	12 32	0 3	23 15	0 50	5 12	2 49	6 37	0 30	23 21	0 26	4 14	9 25	16 52	16 52	27 11			n.a.
W13	15 21	17 10	0 4	19 10	0 6	22 13	1 8	12 48	0 4	23 15	0 51	5 12	2 48	6 39	0 30	23 21	0 26	4 14	9 25	16 52	16 53	27 10			n.a.
T 14	15 40	12 17	1n 0	18 41	0n13	22 29	1 10	13 4	0 4	23 15	0 51	5 13	2 48	6 40	0 30	23 21	0 26	4 15	9 25	16 52	16 54	27 9			n.a.
F 15	15 59	6 47	2 3	18 8	0 33	22 45	1 12	13 20	0 5	23 15	0 51	5 14	2 48	6 41	0 30	23 21	0 26	4 16	9 25	16 52	16 54	27 8			n.a.
S 16	16 18	0 51	3 2	17 32	0 53	23 0	1 14	13 36	0 6	23 16	0 51	5 14	2 48	6 43	0 30	23 21	0 26	4 17	9 25	16 54	16 55	27 7			n.a.
S 17	16 36	5n19	3 52	16 54	1 14	23 15	1 16	13 52	0 6	23 16	0 52	5 15	2 47	6 44	0 30	23 21	0 26	4 18	9 25	16 55	16 56	27 6			n.a.
M18	16 54	11 26	4 31	16 14	1 33	23 29	1 17	14 8	0 7	23 16	0 52	5 16	2 47	6 45	0 30	23 21	0 26	4 18	9 25	16 58	16 57	27 5			n.a.
T 19	17 12	17 9	4 55	15 33	1 52	23 42	1 19	14 24	0 8	23 17	0 52	5 16	2 47	6 47	0 30	23 21	0 26	4 19	9 25	17 1	16 58	27 4			n.a.
W20	17 29	22 1	4 59	14 53	2 9	23 54	1 21	14 39	0 8	23 17	0 52	5 17	2 46	6 48	0 30	23 21	0 26	4 20	9 25	17 5	16 59	27 4			n.a.
T 21	17 47	25 33	4 44	14 15	2 24	24 6	1 23	14 55	0 9	23 17	0 53	5 17	2 46	6 49	0 30	23 21	0 26	4 21	9 25	17 8	17 0	27 3			n.a.
F 22	18 4	27 20	4 9	13 40	2 37	24 17	1 24	15 10	0 10	23 18	0 53	5 17	2 46	6 51	0 30	23 21	0 26	4 21	9 25	17 11	17 1	27 2			n.a.
S 23	18 20	27 7	3 18	13 9	2 48	24 27	1 26	15 25	0 10	23 18	0 53	5 18	2 46	6 52	0 30	23 21	0 26	4 22	9 25	17 14	17 2	27 1			n.a.
S 24	18 36	25 0	2 14	12 42	2 56	24 36	1 27	15 40	0 11	23 19	0 54	5 18	2 45	6 53	0 30	23 21	0 26	4 23	9 25	17 15	17 3	27 0			n.a.
M25	18 52	21 17	1 2	12 20	3 3	24 45	1 29	15 55	0 12	23 19	0 54	5 18	2 45	6 54	0 30	23 21	0 26	4 24	9 25	17 15	17 4	26 59			n.a.
T 26	19 8	16 24	0s12	12 2	3 7	24 53	1 30	16 10	0 13	23 20	0 54	5 18	2 45	6 56	0 30	23 20	0 26	4 24	9 25	17 16	17 5	26 58			n.a.
W27	19 23	10 46	1 24	11 50	3 9	25 0	1 31	16 24	0 13	23 20	0 54	5 19	2 44	6 57	0 30	23 20	0 26	4 25	9 25	17 16	17 6	26 57			n.a.
T 28	19 38	4 47	2 29	11 43	3 9	25 7	1 33	16 39	0 14	23 21	0 55	5 19	2 44	6 58	0 30	23 20	0 26	4 26	9 25	17 16	17 7	26 56			n.a.
F 29	19 52	1s17	3 25	11 41	3 8	25 12	1 34	16 53	0 15	23 22	0 55	5 19	2 44	6 59	0 30	23 20	0 26	4 27	9 25	17 17	17 7	26 55			n.a.
S 30	20s 6	7s11	4s10	11s42	3n 5	25s17	1s35	17s 7	0s15	23n22	0n55	5s19	2s44	7s 0	0n30	23n20	0s26	4s27	9n25	17s18	17s 8	26s54			n.a.

Julian Day Number = 1278679.5, Delta T = 08h10m14s
Ecliptic obliquity = 23°50'26, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'22, Lahiri = -20°41'21 Julian Calendar 1 Nov. 1213 BCE == Greg. Calendar 21 Oct. 1213 BCE

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ASTRODIENST EPHEMERIS for the year 1213 BCE
geocentric

DECEMBER 1213 BCE (-1212) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 55 34	29♏16'36	21♎ 7	8♏45	25♐23	16♏41	18°R59	23°R 1	18♎48	25°R45	4♏47	12°R28	13♒ 8	5♑20	n.a.	S 1
M 2	3 59 30	0♐17'53	3♏41	8°59	26°37	17°27	18♋56	23♓ 0	18°51	25♊44	4°49	12♒16	13° 5	5°27	n.a.	M 2
T 3	4 3 27	1°19'10	16° 4	9°20	27°52	18°13	18°53	23° 0	18°54	25°42	4°51	12° 3	13° 2	5°33	n.a.	T 3
W 4	4 7 23	2°20'26	28°19	9°49	29° 6	18°59	18°49	23° 0	18°57	25°41	4°54	11°49	12°59	5°40	n.a.	W 4
T 5	4 11 20	3°21'41	10♐24	10°23	0♑20	19°44	18°46	22°D59	19° 0	25°39	4°56	11°36	12°55	5°47	n.a.	T 5
F 6	4 15 16	4°22'56	22°22	11° 3	1°35	20°30	18°42	23° 0	19° 3	25°38	4°58	11°25	12°52	5°53	n.a.	F 6
S 7	4 19 13	5°24'10	4♑14	11°47	2°49	21°16	18°38	23° 0	19° 6	25°36	5° 0	11°16	12°49	6° 0	n.a.	S 7
S 8	4 23 10	6°25'24	16° 2	12°36	4° 3	22° 2	18°34	23° 0	19° 9	25°35	5° 2	11°10	12°46	6° 7	n.a.	S 8
M 9	4 27 6	7°26'36	27°49	13°29	5°18	22°48	18°29	23° 0	19°12	25°33	5° 4	11° 6	12°43	6°13	n.a.	M 9
T 10	4 31 3	8°27'48	9♒38	14°26	6°32	23°34	18°25	23° 1	19°15	25°31	5° 6	11°D 5	12°40	6°20	n.a.	T 10
W11	4 34 59	9°28'58	21°35	15°26	7°46	24°20	18°20	23° 1	19°17	25°30	5° 8	11° 6	12°36	6°27	n.a.	W11
T 12	4 38 56	10°30'08	3♓44	16°28	9° 0	25° 6	18°15	23° 2	19°20	25°28	5°10	11° 6	12°33	6°33	n.a.	T 12
F 13	4 42 52	11°31'16	16°12	17°34	10°14	25°52	18°10	23° 3	19°23	25°27	5°12	11°R 7	12°30	6°40	n.a.	F 13
S 14	4 46 49	12°32'23	29° 2	18°41	11°29	26°39	18° 5	23° 4	19°25	25°25	5°14	11° 5	12°27	6°47	n.a.	S 14
S 15	4 50 46	13°33'29	12♈19	19°51	12°43	27°25	18° 0	23° 5	19°28	25°23	5°16	11° 1	12°24	6°53	n.a.	S 15
M16	4 54 42	14°34'33	26° 6	21° 2	13°57	28°11	17°54	23° 6	19°30	25°22	5°18	10°55	12°20	7° 0	n.a.	M16
T 17	4 58 39	15°35'37	10♉23	22°16	15°11	28°57	17°49	23° 7	19°33	25°20	5°19	10°48	12°17	7° 7	n.a.	T 17
W18	5 2 35	16°36'39	25° 6	23°31	16°25	29°43	17°43	23° 9	19°35	25°18	5°21	10°39	12°14	7°13	n.a.	W18
T 19	5 6 32	17°37'40	10♊ 9	24°48	17°39	0♐30	17°37	23°10	19°38	25°17	5°23	10°30	12°11	7°20	n.a.	T 19
F 20	5 10 28	18°38'40	25°23	26° 6	18°52	1°16	17°31	23°12	19°40	25°15	5°25	10°23	12° 8	7°27	n.a.	F 20
S 21	5 14 25	19°39'38	10♋36	27°25	20° 6	2° 2	17°25	23°13	19°42	25°13	5°27	10°17	12° 5	7°33	n.a.	S 21
S 22	5 18 21	20°40'36	25°39	28°45	21°20	2°49	17°19	23°15	19°45	25°12	5°29	10°14	12° 1	7°40	n.a.	S 22
M23	5 22 18	21°41'33	10♌24	0♐ 7	22°34	3°35	17°12	23°17	19°47	25°10	5°30	10°D13	11°58	7°47	n.a.	M23
T 24	5 26 15	22°42'28	24°45	1°30	23°47	4°21	17° 6	23°19	19°49	25° 8	5°32	10°14	11°55	7°53	n.a.	T 24
W25	5 30 11	23°43'23	8♍41	2°54	25° 1	5° 8	16°59	23°21	19°51	25° 7	5°34	10°15	11°52	8° 0	n.a.	W25
T 26	5 34 8	24°44'16	22°13	4°18	26°15	5°54	16°52	23°24	19°53	25° 5	5°35	10°R16	11°49	8° 7	n.a.	T 26
F 27	5 38 4	25°45'08	5♎22	5°44	27°28	6°41	16°45	23°26	19°55	25° 3	5°37	10°15	11°46	8°13	n.a.	F 27
S 28	5 42 1	26°45'59	18°12	7°11	28°42	7°27	16°38	23°29	19°57	25° 2	5°39	10°13	11°42	8°20	n.a.	S 28
S 29	5 45 57	27°46'50	0♏46	8°39	29°55	8°14	16°31	23°31	19°59	25° 0	5°40	10° 9	11°39	8°27	n.a.	S 29
M30	5 49 54	28°47'38	13° 7	10° 7	1♒ 9	9° 0	16°24	23°34	20° 1	24°58	5°42	10° 3	11°36	8°33	n.a.	M30
T 31	5 53 50	29♐48'26	25♏17	11♐37	2♒22	9♐47	16♋17	23♓37	20♎ 3	24♊57	5♏43	9♒55	11♒33	8♑40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s20	12s42	4s41	11s48	3n 1	25s21	1s36	17s21	0s16	23n23	0n55	5s19	2s43	7s 2	0n30	23n20	0s26	4s28	9n25	17s21	17s 9	26s53		n.a.
M 2	20 33	17 36	4 58	11 57	2 56	25 25	1 37	17 35	0 17	23 24	0 56	5 19	2 43	7 3	0 30	23 20	0 26	4 29	9 25	17 24	17 10	26 52		n.a.
T 3	20 46	21 42	5 0	12 9	2 50	25 27	1 38	17 49	0 17	23 24	0 56	5 18	2 43	7 4	0 30	23 20	0 26	4 29	9 25	17 28	17 11	26 51		n.a.
W 4	20 59	24 48	4 49	12 24	2 44	25 29	1 39	18 2	0 18	23 25	0 56	5 18	2 42	7 5	0 30	23 20	0 26	4 30	9 25	17 32	17 12	26 50		n.a.
T 5	21 11	26 45	4 25	12 42	2 37	25 30	1 40	18 16	0 19	23 26	0 56	5 18	2 42	7 6	0 30	23 20	0 26	4 30	9 25	17 36	17 13	26 49		n.a.
F 6	21 22	27 25	3 49	13 1	2 30	25 30	1 40	18 29	0 19	23 27	0 57	5 18	2 42	7 7	0 30	23 20	0 26	4 31	9 25	17 39	17 14	26 48		n.a.
S 7	21 34	26 49	3 3	13 23	2 22	25 30	1 41	18 42	0 20	23 28	0 57	5 17	2 41	7 8	0 30	23 20	0 26	4 32	9 25	17 41	17 15	26 47		n.a.
S 8	21 45	25 0	2 9	13 45	2 14	25 28	1 42	18 55	0 21	23 28	0 57	5 17	2 41	7 9	0 30	23 20	0 26	4 32	9 25	17 43	17 16	26 46		n.a.
M 9	21 55	22 6	1 10	14 9	2 6	25 26	1 42	19 8	0 21	23 29	0 57	5 17	2 41	7 11	0 30	23 20	0 26	4 33	9 25	17 44	17 17	26 45		n.a.
T 10	22 5	18 16	0 8	14 34	1 57	25 23	1 43	19 20	0 22	23 30	0 58	5 16	2 41	7 12	0 30	23 20	0 26	4 34	9 25	17 44	17 18	26 44		n.a.
W11	22 15	13 40	0n56	15 0	1 49	25 19	1 43	19 32	0 23	23 31	0 58	5 16	2 40	7 13	0 30	23 20	0 26	4 34	9 26	17 44	17 18	26 43		n.a.
T 12	22 24	8 28	1 58	15 27	1 40	25 15	1 43	19 44	0 23	23 32	0 58	5 15	2 40	7 14	0 30	23 20	0 26	4 35	9 26	17 44	17 19	26 42		n.a.
F 13	22 32	2 50	2 56	15 54	1 31	25 9	1 44	19 56	0 24	23 33	0 58	5 14	2 40	7 15	0 30	23 20	0 26	4 35	9 26	17 44	17 20	26 41		n.a.
S 14	22 41	3n 5	3 48	16 21	1 22	25 3	1 44	20 8	0 25	23 34	0 59	5 14	2 39	7 16	0 30	23 20	0 26	4 36	9 26	17 44	17 21	26 40		n.a.
S 15	22 49	9 3	4 29	16 49	1 14	24 57	1 44	20 19	0 25	23 35	0 59	5 13	2 39	7 17	0 30	23 20	0 26	4 36	9 26	17 45	17 22	26 39		n.a.
M16	22 56	14 49	4 56	17 17	1 5	24 49	1 44	20 31	0 26	23 36	0 59	5 12	2 39	7 18	0 30	23 20	0 26	4 37	9 26	17 47	17 23	26 38		n.a.
T 17	23 3	20 0	5 6	17 44	0 56	24 41	1 44	20 42	0 27	23 37	0 59	5 12	2 38	7 19	0 30	23 20	0 26	4 37	9 26	17 49	17 24	26 37		n.a.
W18	23 9	24 9	4 56	18 12	0 48	24 31	1 44	20 53	0 27	23 38	1 0	5 11	2 38	7 19	0 30	23 19	0 26	4 38	9 26	17 52	17 25	26 36		n.a.
T 19	23 15	26 44	4 26	18 39	0 39	24 22	1 43	21 3	0 28	23 39	1 0	5 10	2 38	7 20	0 30	23 19	0 26	4 38	9 26	17 54	17 26	26 34		n.a.
F 20	23 21	27 22	3 37	19 6	0 31	24 11	1 43	21 14	0 29	23 40	1 0	5 9	2 37	7 21	0 30	23 19	0 26	4 39	9 26	17 56	17 27	26 33		n.a.
S 21	23 26	25 56	2 32	19 33	0 23	24 0	1 43	21 24	0 29	23 41	1 0	5 8	2 37	7 22	0 30	23 19	0 26	4 39	9 27	17 57	17 27	26 32		n.a.
S 22	23 30	22 38	1 18	19 59	0 14	23 48	1 42	21 34	0 30	23 42	1 1	5 7	2 37	7 23	0 30	23 19	0 26	4 40	9 27	17 58	17 28	26 31		n.a.
M23	23 34	17 55	0s 1	20 25	0 6	23 35	1 42	21 43	0 31	23 43	1 1	5 6	2 37	7 24	0 30	23 19	0 26	4 40	9 27	17 59	17 29	26 30		n.a.
T 24	23 38	12 16	1 18	20 50	0s 1	23 22	1 41	21 53	0 31	23 44	1 1	5 5	2 36	7 25	0 30	23 19	0 26	4 41	9 27	17 58	17 30	26 29		n.a.
W25	23 41	6 10	2 28	21 14	0 9	23 8	1 40	22 2	0 32	23 45	1 1	5 4	2 36	7 25	0 30	23 19	0 26	4 41	9 27	17 58	17 31	26 28		n.a.
T 26	23 44	0s 1	3 27	21 38	0 17	22 53	1 39	22 11	0 33	23 46	1 1	5 2	2 36	7 26	0 30	23 19	0 26	4 41	9 27	17 58	17 32	26 27		n.a.
F 27	23 46	6 3	4 14	22 1	0 24	22 37	1 38	22 20	0 33	23 47	1 2	5 1	2 35	7 27	0 30	23 19	0 26	4 42	9 27	17 58	17 33	26 25		n.a.
S 28	23 48	11 39	4 47	22 23	0 31	22 21	1 38	22 29	0 34	23 48	1 2	5 0	2 35	7 28	0 30	23 19	0 26	4 42	9 28	17 59	17 34	26 24		n.a.
S 29	23 49	16 41	5 5	22 44	0 38	22 5	1 36	22 37	0 35	23 49	1 2	4 59	2 35	7 29	0 30	23 19	0 26	4 43	9 28	18 0	17 35	26 23		n.a.
M30	23 50	20 56	5 9	23 5	0 45	21 47	1 35	22 45	0 35	23 51	1 2	4 57	2 34	7 29	0 30	23 19	0 26	4 43	9 28	18 1	17 36	26 22		n.a.
T 31	23s50	24s13	4s58	23s24	0s51	21s29	1s34	22s53	0s36	23n52	1n 2	4s56	2s34	7s30	0n30	23n19	0s26	4s43	9n28	18s 3	17s36	26s21		n.a.

Julian Day Number = 1278709.5, Delta T = 08h10m13s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'18, Lahiri = -20°41'17 Julian Calendar 1 Dec. 1213 BCE == Greg. Calendar 20 Nov. 1213 BCE

The year -1212 astronomical counting style corresponds to year 1213 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1212 BCE
geocentric

JANUARY 1212 BCE (-1211) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 57 47	0♉49'12	7♐19	13♐ 7	3♒35	10♐33	16°R10	23♓40	20♎ 5	24°R55	5♏45	9°R47	11♒30	8♉47	n.a.	W 1
T 2	6 1 44	1°49'57	19°16	14°38	4°48	11°20	16♋ 2	23°43	20° 7	24♊53	5°46	9♒40	11°26	8°53	n.a.	T 2
F 3	6 5 40	2°50'41	1♉ 7	16°10	6° 2	12° 7	15°55	23°46	20° 8	24°52	5°48	9°34	11°23	9° 0	n.a.	F 3
S 4	6 9 37	3°51'23	12°56	17°43	7°15	12°53	15°47	23°49	20°10	24°50	5°49	9°29	11°20	9° 7	n.a.	S 4
S 5	6 13 33	4°52'03	24°44	19°16	8°28	13°40	15°40	23°52	20°12	24°48	5°51	9°26	11°17	9°13	n.a.	S 5
M 6	6 17 30	5°52'41	6♒33	20°51	9°41	14°27	15°32	23°56	20°13	24°47	5°52	9°D24	11°14	9°20	n.a.	M 6
T 7	6 21 26	6°53'18	18°26	22°26	10°54	15°13	15°24	23°59	20°15	24°45	5°53	9°25	11°11	9°27	n.a.	T 7
W 8	6 25 23	7°53'52	0♓27	24° 2	12° 7	16° 0	15°16	24° 3	20°16	24°43	5°55	9°26	11° 7	9°33	n.a.	W 8
T 9	6 29 20	8°54'25	12°38	25°39	13°19	16°47	15° 9	24° 7	20°18	24°42	5°56	9°28	11° 4	9°40	n.a.	T 9
F 10	6 33 16	9°54'56	25° 5	27°17	14°32	17°34	15° 1	24°10	20°19	24°40	5°57	9°30	11° 1	9°47	n.a.	F 10
S 11	6 37 13	10°55'24	7♈52	28°56	15°45	18°20	14°53	24°14	20°20	24°38	5°59	9°R30	10°58	9°53	n.a.	S 11
S 12	6 41 9	11°55'51	21° 2	0♉36	16°57	19° 7	14°45	24°18	20°22	24°37	6° 0	9°30	10°55	10° 0	n.a.	S 12
M13	6 45 6	12°56'15	4♉39	2°17	18°10	19°54	14°37	24°22	20°23	24°35	6° 1	9°29	10°52	10° 7	n.a.	M13
T 14	6 49 2	13°56'37	18°43	3°58	19°22	20°41	14°29	24°27	20°24	24°34	6° 2	9°26	10°48	10°13	n.a.	T 14
W15	6 52 59	14°56'58	3♊15	5°41	20°35	21°27	14°21	24°31	20°25	24°32	6° 3	9°23	10°45	10°20	n.a.	W15
T 16	6 56 55	15°57'16	18° 9	7°25	21°47	22°14	14°13	24°35	20°26	24°30	6° 4	9°19	10°42	10°27	n.a.	T 16
F 17	7 0 52	16°57'32	3♋19	9° 9	22°59	23° 1	14° 6	24°40	20°27	24°29	6° 5	9°16	10°39	10°33	n.a.	F 17
S 18	7 4 49	17°57'46	18°35	10°55	24°11	23°48	13°58	24°44	20°28	24°27	6° 7	9°14	10°36	10°40	n.a.	S 18
S 19	7 8 45	18°57'59	3♌46	12°41	25°23	24°35	13°50	24°49	20°29	24°26	6° 8	9°D13	10°32	10°47	n.a.	S 19
M20	7 12 42	19°58'09	18°44	14°29	26°35	25°21	13°42	24°54	20°30	24°24	6° 8	9°13	10°29	10°53	n.a.	M20
T 21	7 16 38	20°58'17	3♍21	16°18	27°47	26° 8	13°34	24°58	20°31	24°23	6° 9	9°14	10°26	11° 0	n.a.	T 21
W22	7 20 35	21°58'24	17°32	18° 7	28°59	26°55	13°26	25° 3	20°31	24°21	6°10	9°16	10°23	11° 7	n.a.	W22
T 23	7 24 31	22°58'28	1♎16	19°58	0♓10	27°42	13°19	25° 8	20°32	24°20	6°11	9°17	10°20	11°13	n.a.	T 23
F 24	7 28 28	23°58'31	14°34	21°50	1°22	28°29	13°11	25°13	20°33	24°19	6°12	9°18	10°17	11°20	n.a.	F 24
S 25	7 32 24	24°58'33	27°27	23°42	2°33	29°16	13° 3	25°18	20°33	24°17	6°13	9°R18	10°13	11°27	n.a.	S 25
S 26	7 36 21	25°58'32	10♏ 0	25°36	3°45	0♉ 2	12°56	25°24	20°34	24°16	6°14	9°17	10°10	11°33	n.a.	S 26
M27	7 40 18	26°58'30	22°17	27°31	4°56	0°49	12°48	25°29	20°34	24°14	6°14	9°16	10° 7	11°40	n.a.	M27
T 28	7 44 14	27°58'26	4♐21	29°26	6° 7	1°36	12°41	25°34	20°35	24°13	6°15	9°15	10° 4	11°47	n.a.	T 28
W29	7 48 11	28°58'20	16°17	1♒22	7°18	2°23	12°34	25°40	20°35	24°12	6°16	9°13	10° 1	11°53	n.a.	W29
T 30	7 52 7	29°58'13	28° 7	3°19	8°29	3°10	12°26	25°45	20°35	24°10	6°16	9°12	9°58	12° 0	n.a.	T 30
F 31	7 56 4	0♒58'03	9♉55	5♒17	9♓40	3♉57	12♋19	25♓51	20♎36	24♊ 9	6♏17	9♒11	9♒54	12♉ 7	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23 s50	26 s24	4 s35	23 s42	0 s58	21 s11	1 s33	23 s 1	0 s37	23n53	1n 3	4 s54	2 s34	7 s31	0n30	23n19	0 s26	4 s44	9n28	18 s 6	17 s37	26 s19			n.a.
T 2	23 50	27 22	3 59	23 59	1 4	20 52	1 32	23 8	0 37	23 54	1 3	4 53	2 34	7 31	0 30	23 19	0 26	4 44	9 28	18 8	17 38	26 18			n.a.
F 3	23 49	27 4	3 13	24 15	1 9	20 32	1 30	23 15	0 38	23 55	1 3	4 51	2 33	7 32	0 30	23 19	0 26	4 44	9 28	18 9	17 39	26 17			n.a.
S 4	23 47	25 31	2 19	24 30	1 15	20 12	1 29	23 22	0 39	23 56	1 3	4 50	2 33	7 33	0 30	23 19	0 26	4 45	9 29	18 11	17 40	26 16			n.a.
S 5	23 45	22 50	1 19	24 44	1 20	19 51	1 27	23 28	0 39	23 57	1 3	4 48	2 33	7 33	0 30	23 19	0 26	4 45	9 29	18 12	17 41	26 15			n.a.
M 6	23 42	19 12	0 16	24 56	1 25	19 29	1 25	23 35	0 40	23 58	1 3	4 47	2 32	7 34	0 30	23 19	0 26	4 45	9 29	18 12	17 42	26 13			n.a.
T 7	23 39	14 46	0n49	25 7	1 30	19 8	1 23	23 41	0 41	23 59	1 4	4 45	2 32	7 34	0 30	23 18	0 26	4 46	9 29	18 12	17 43	26 12			n.a.
W 8	23 36	9 45	1 53	25 17	1 34	18 45	1 22	23 46	0 41	24 0	1 4	4 43	2 32	7 35	0 30	23 18	0 26	4 46	9 29	18 11	17 44	26 11			n.a.
T 9	23 32	4 17	2 52	25 25	1 39	18 22	1 20	23 52	0 42	24 1	1 4	4 41	2 32	7 35	0 30	23 18	0 26	4 46	9 30	18 11	17 44	26 10			n.a.
F 10	23 28	1n27	3 45	25 31	1 42	17 59	1 18	23 57	0 42	24 2	1 4	4 40	2 31	7 36	0 31	23 18	0 26	4 46	9 30	18 10	17 45	26 8			n.a.
S 11	23 23	7 15	4 28	25 36	1 46	17 35	1 16	24 2	0 43	24 3	1 4	4 38	2 31	7 36	0 31	23 18	0 26	4 47	9 30	18 10	17 46	26 7			n.a.
S 12	23 18	12 56	4 58	25 40	1 49	17 11	1 13	24 7	0 44	24 4	1 4	4 36	2 31	7 37	0 31	23 18	0 26	4 47	9 30	18 10	17 47	26 6			n.a.
M13	23 12	18 11	5 13	25 41	1 52	16 46	1 11	24 11	0 44	24 5	1 4	4 34	2 31	7 37	0 31	23 18	0 25	4 47	9 30	18 11	17 48	26 5			n.a.
T 14	23 6	22 38	5 10	25 41	1 54	16 21	1 9	24 15	0 45	24 6	1 5	4 32	2 30	7 38	0 31	23 18	0 25	4 47	9 31	18 11	17 49	26 3			n.a.
W15	22 59	25 51	4 48	25 39	1 57	15 55	1 7	24 19	0 46	24 7	1 5	4 30	2 30	7 38	0 31	23 18	0 25	4 47	9 31	18 12	17 50	26 2			n.a.
T 16	22 52	27 22	4 5	25 36	1 58	15 29	1 4	24 23	0 46	24 8	1 5	4 28	2 30	7 38	0 31	23 18	0 25	4 47	9 31	18 13	17 51	26 1			n.a.
F 17	22 45	26 53	3 5	25 30	2 0	15 3	1 2	24 26	0 47	24 9	1 5	4 26	2 29	7 39	0 31	23 18	0 25	4 48	9 31	18 14	17 52	25 59			n.a.
S 18	22 37	24 22	1 52	25 23	2 0	14 36	0 59	24 29	0 47	24 10	1 5	4 24	2 29	7 39	0 31	23 18	0 25	4 48	9 31	18 15	17 52	25 58			n.a.
S 19	22 28	20 7	0 30	25 14	2 1	14 9	0 56	24 32	0 48	24 11	1 5	4 22	2 29	7 40	0 31	23 18	0 25	4 48	9 32	18 15	17 53	25 57			n.a.
M20	22 20	14 38	0 s52	25 2	2 1	13 42	0 54	24 34	0 49	24 12	1 5	4 20	2 29	7 40	0 31	23 18	0 25	4 48	9 32	18 15	17 54	25 55			n.a.
T 21	22 10	8 26	2 9	24 49	2 0	13 14	0 51	24 36	0 49	24 13	1 5	4 18	2 28	7 40	0 31	23 18	0 25	4 48	9 32	18 15	17 55	25 54			n.a.
W22	22 1	2 0	3 16	24 34	1 59	12 46	0 48	24 38	0 50	24 14	1 5	4 15	2 28	7 40	0 31	23 18	0 25	4 48	9 32	18 14	17 56	25 53			n.a.
T 23	21 51	4 s19	4 10	24 16	1 58	12 18	0 45	24 40	0 50	24 15	1 5	4 13	2 28	7 41	0 31	23 18	0 25	4 48	9 32	18 14	17 57	25 51			n.a.
F 24	21 40	10 14	4 48	23 57	1 56	11 49	0 42	24 41	0 51	24 16	1 6	4 11	2 28	7 41	0 31	23 18	0 25	4 48	9 33	18 14	17 58	25 50			n.a.
S 25	21 30	15 33	5 10	23 35	1 54	11 20	0 39	24 42	0 52	24 17	1 6	4 9	2 28	7 41	0 31	23 18	0 25	4 48	9 33	18 14	17 59	25 49			n.a.
S 26	21 18	20 3	5 17	23 11	1 50	10 51	0 36	24 43	0 52	24 17	1 6	4 6	2 27	7 41	0 31	23 18	0 25	4 48	9 33	18 14	17 59	25 47			n.a.
M27	21 7	23 36	5 9	22 45	1 47	10 22	0 33	24 43	0 53	24 18	1 6	4 4	2 27	7 41	0 31	23 18	0 25	4 48	9 33	18 14	18 0	25 46			n.a.
T 28	20 55	26 4	4 47	22 17	1 43	9 52	0 29	24 43	0 53	24 19	1 6	4 2	2 27	7 41	0 31	23 18	0 25	4 49	9 33	18 14	18 1	25 44			n.a.
W29	20 42	27 19	4 13	21 46	1 38	9 22	0 26	24 43	0 54	24 20	1 6	3 59	2 27	7 42	0 31	23 17	0 25	4 49	9 34	18 15	18 2	25 43			n.a.
T 30	20 30	27 18	3 29	21 14	1 32	8 52	0 23	24 42	0 54	24 20	1 6	3 57	2 26	7 42	0 31	23 17	0 25	4 49	9 34	18 15	18 3	25 42			n.a.
F 31	20 s17	26 s 3	2 s35	20 s39	1 s26	8 s22	0 s19	24 s42	0 s55	24n21	1n 6	3 s54	2 s26	7 s42	0n31	23n17	0 s25	4 s49	9n34	18 s16	18 s 4	25 s40			n.a.

Julian Day Number = 1278740.5, Delta T = 08h10m11s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'14, Lahiri = -20°41'13 Julian Calendar 1 Jan. 1212 BCE == Greg. Calendar 21 Dec. 1213 BCE

The year -1211 astronomical counting style corresponds to year 1212 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1212 BCE
geocentric

FEBRUARY 1212 BCE (-1211) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 0 0	1♒57'51	21♉43	7♒15	10♓51	4♉44	12°R12	25♓57	20♎36	24°R 8	6♏18	9°R10	9♒51	12♉13	n.a.	S 1
S 2	8 3 57	2°57'37	3♒34	9°13	12° 2	5°31	12♋ 5	26° 2	20°36	24♊ 7	6°18	9°D10	9°48	12°20	n.a.	S 2
M 3	8 7 53	3°57'21	15°29	11°11	13°12	6°17	11°58	26° 8	20°36	24° 5	6°19	9♒10	9°45	12°27	n.a.	M 3
T 4	8 11 50	4°57'03	27°31	13°10	14°23	7° 4	11°51	26°14	20°R36	24° 4	6°19	9°10	9°42	12°33	n.a.	T 4
W 5	8 15 46	5°56'42	9♓42	15° 8	15°33	7°51	11°45	26°20	20°36	24° 3	6°20	9°10	9°38	12°40	n.a.	W 5
T 6	8 19 43	6°56'19	22° 4	17° 5	16°43	8°38	11°38	26°26	20°36	24° 2	6°20	9°10	9°35	12°47	n.a.	T 6
F 7	8 23 40	7°55'54	4♈40	19° 1	17°53	9°25	11°32	26°32	20°36	24° 1	6°20	9°11	9°32	12°53	n.a.	F 7
S 8	8 27 36	8°55'26	17°31	20°56	19° 3	10°12	11°25	26°38	20°36	24° 0	6°21	9°R11	9°29	13° 0	n.a.	S 8
S 9	8 31 33	9°54'56	0♉42	22°49	20°13	10°58	11°19	26°44	20°35	23°59	6°21	9°11	9°26	13° 7	n.a.	S 9
M10	8 35 29	10°54'23	14°12	24°40	21°22	11°45	11°13	26°51	20°35	23°58	6°21	9°D11	9°23	13°13	n.a.	M10
T 11	8 39 26	11°53'48	28° 5	26°28	22°32	12°32	11° 7	26°57	20°35	23°56	6°22	9°11	9°19	13°20	n.a.	T 11
W12	8 43 22	12°53'11	12♊20	28°13	23°41	13°19	11° 1	27° 3	20°34	23°55	6°22	9°11	9°16	13°27	n.a.	W12
T 13	8 47 19	13°52'31	26°55	29°55	24°50	14° 6	10°56	27°10	20°34	23°55	6°22	9°11	9°13	13°33	n.a.	T 13
F 14	8 51 15	14°51'48	11♋45	1♓33	25°59	14°52	10°50	27°16	20°33	23°54	6°22	9°12	9°10	13°40	n.a.	F 14
S 15	8 55 12	15°51'04	26°45	3° 6	27° 8	15°39	10°45	27°23	20°33	23°53	6°22	9°12	9° 7	13°47	n.a.	S 15
S 16	8 59 9	16°50'16	11♌46	4°35	28°17	16°26	10°39	27°29	20°32	23°52	6°22	9°R12	9° 4	13°53	n.a.	S 16
M17	9 3 5	17°49'27	26°41	5°58	29°26	17°13	10°34	27°36	20°32	23°51	6°22	9°12	9° 0	14° 0	n.a.	M17
T 18	9 7 2	18°48'35	11♍20	7°16	0♈34	17°59	10°29	27°43	20°31	23°50	6°R22	9°11	8°57	14° 7	n.a.	T 18
W19	9 10 58	19°47'42	25°38	8°29	1°42	18°46	10°25	27°50	20°30	23°49	6°22	9°10	8°54	14°13	n.a.	W19
T 20	9 14 55	20°46'46	9♎31	9°35	2°50	19°33	10°20	27°56	20°29	23°49	6°22	9° 9	8°51	14°20	n.a.	T 20
F 21	9 18 51	21°45'48	22°57	10°34	3°58	20°19	10°16	28° 3	20°29	23°48	6°22	9° 7	8°48	14°27	n.a.	F 21
S 22	9 22 48	22°44'49	5♏58	11°28	5° 6	21° 6	10°11	28°10	20°28	23°47	6°22	9° 6	8°44	14°33	n.a.	S 22
S 23	9 26 44	23°43'47	18°36	12°14	6°14	21°53	10° 7	28°17	20°27	23°46	6°22	9°D 6	8°41	14°40	n.a.	S 23
M24	9 30 41	24°42'44	0♐55	12°54	7°21	22°39	10° 3	28°24	20°26	23°46	6°22	9° 6	8°38	14°47	n.a.	M24
T 25	9 34 37	25°41'39	12°58	13°27	8°28	23°26	10° 0	28°31	20°25	23°45	6°22	9° 6	8°35	14°53	n.a.	T 25
W26	9 38 34	26°40'32	24°52	13°53	9°35	24°12	9°56	28°38	20°24	23°45	6°21	9° 8	8°32	15° 0	n.a.	W26
T 27	9 42 31	27°39'23	6♑41	14°11	10°42	24°59	9°53	28°45	20°22	23°44	6°21	9° 9	8°29	15° 7	n.a.	T 27
F 28	9 46 27	28♒38'12	18♑28	14♓23	11♈49	25♑45	9♋49	28♓52	20♎21	23♊43	6♏21	9♒11	8♒25	15♉13	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 3	23s37	1s35	20s 3	1s19	7s52	0s16	24s41	0s56	24n22	1n 6	3s52	2s26	7s42	0n31	23n17	0s25	4s48	9n34	18s16	18s 5	25s39		n.a.
S 2	19 49	20 11	0 31	19 24	1 12	7 21	0 12	24 39	0 56	24 23	1 6	3 49	2 26	7 42	0 31	23 17	0 25	4 48	9 35	18 16	18 5	25 37		n.a.
M 3	19 35	15 54	0n35	18 44	1 4	6 50	0 9	24 38	0 57	24 23	1 6	3 47	2 25	7 42	0 31	23 17	0 25	4 48	9 35	18 16	18 6	25 36		n.a.
T 4	19 21	10 58	1 40	18 2	0 55	6 20	0 5	24 36	0 57	24 24	1 6	3 44	2 25	7 42	0 31	23 17	0 25	4 48	9 35	18 16	18 7	25 35		n.a.
W 5	19 6	5 34	2 42	17 18	0 46	5 49	0 1	24 34	0 58	24 25	1 6	3 42	2 25	7 42	0 31	23 17	0 25	4 48	9 35	18 16	18 8	25 33		n.a.
T 6	18 51	0n 7	3 37	16 33	0 36	5 17	0n 2	24 31	0 58	24 25	1 6	3 39	2 25	7 42	0 31	23 17	0 25	4 48	9 35	18 16	18 9	25 32		n.a.
F 7	18 35	5 53	4 22	15 47	0 26	4 46	0 6	24 29	0 59	24 26	1 6	3 36	2 25	7 42	0 31	23 17	0 25	4 48	9 36	18 16	18 10	25 30		n.a.
S 8	18 20	11 31	4 55	15 0	0 15	4 15	0 10	24 26	0 59	24 26	1 6	3 34	2 24	7 42	0 31	23 17	0 25	4 48	9 36	18 16	18 11	25 29		n.a.
S 9	18 4	16 48	5 14	14 12	0 3	3 44	0 14	24 22	1 0	24 27	1 6	3 31	2 24	7 42	0 31	23 17	0 25	4 48	9 36	18 16	18 12	25 27		n.a.
M10	17 47	21 23	5 17	13 23	0n 8	3 12	0 18	24 19	1 0	24 27	1 6	3 28	2 24	7 41	0 31	23 17	0 25	4 48	9 36	18 16	18 12	25 26		n.a.
T 11	17 31	24 56	5 1	12 35	0 21	2 41	0 22	24 15	1 1	24 28	1 6	3 26	2 24	7 41	0 31	23 17	0 25	4 48	9 37	18 16	18 13	25 24		n.a.
W12	17 14	27 3	4 26	11 46	0 33	2 9	0 26	24 11	1 1	24 28	1 6	3 23	2 24	7 41	0 31	23 17	0 25	4 47	9 37	18 15	18 14	25 23		n.a.
T 13	16 56	27 22	3 34	10 58	0 46	1 38	0 30	24 6	1 2	24 29	1 6	3 20	2 23	7 41	0 31	23 17	0 25	4 47	9 37	18 15	18 15	25 21		n.a.
F 14	16 39	25 45	2 27	10 11	0 59	1 6	0 34	24 2	1 2	24 29	1 6	3 17	2 23	7 41	0 31	23 17	0 25	4 47	9 37	18 15	18 16	25 20		n.a.
S 15	16 21	22 17	1 9	9 25	1 12	0 35	0 38	23 57	1 3	24 30	1 6	3 14	2 23	7 40	0 31	23 17	0 25	4 47	9 37	18 15	18 17	25 18		n.a.
S 16	16 3	17 19	0s14	8 40	1 25	0 3	0 42	23 51	1 3	24 30	1 6	3 12	2 23	7 40	0 31	23 17	0 25	4 47	9 38	18 15	18 17	25 17		n.a.
M17	15 45	11 20	1 36	7 57	1 38	0n28	0 46	23 46	1 4	24 31	1 6	3 9	2 23	7 40	0 31	23 17	0 25	4 47	9 38	18 15	18 18	25 15		n.a.
T 18	15 26	4 50	2 49	7 16	1 51	1 0	0 50	23 40	1 4	24 31	1 6	3 6	2 23	7 40	0 31	23 17	0 25	4 46	9 38	18 15	18 19	25 14		n.a.
W19	15 7	1s45	3 50	6 37	2 3	1 31	0 54	23 34	1 5	24 31	1 6	3 3	2 22	7 39	0 31	23 17	0 25	4 46	9 38	18 16	18 20	25 12		n.a.
T 20	14 48	8 2	4 36	6 1	2 15	2 2	0 59	23 28	1 5	24 32	1 6	3 0	2 22	7 39	0 31	23 17	0 25	4 46	9 39	18 16	18 21	25 11		n.a.
F 21	14 29	13 46	5 4	5 28	2 27	2 34	1 3	23 21	1 6	24 32	1 6	2 57	2 22	7 39	0 31	23 17	0 25	4 46	9 39	18 16	18 22	25 9		n.a.
S 22	14 10	18 41	5 16	4 58	2 38	3 5	1 7	23 14	1 6	24 32	1 6	2 54	2 22	7 38	0 31	23 17	0 25	4 45	9 39	18 17	18 23	25 8		n.a.
S 23	13 50	22 38	5 13	4 30	2 48	3 36	1 11	23 7	1 6	24 33	1 6	2 51	2 22	7 38	0 31	23 17	0 25	4 45	9 39	18 17	18 23	25 6		n.a.
M24	13 30	25 28	4 54	4 6	2 57	4 7	1 15	23 0	1 7	24 33	1 6	2 48	2 22	7 38	0 31	23 17	0 25	4 45	9 39	18 17	18 24	25 5		n.a.
T 25	13 10	27 5	4 23	3 46	3 5	4 38	1 20	22 52	1 7	24 33	1 6	2 45	2 22	7 37	0 31	23 17	0 25	4 45	9 40	18 17	18 25	25 3		n.a.
W26	12 50	27 25	3 41	3 29	3 13	5 8	1 24	22 45	1 8	24 33	1 6	2 42	2 21	7 37	0 31	23 17	0 25	4 44	9 40	18 16	18 26	25 2		n.a.
T 27	12 29	26 30	2 50	3 16	3 19	5 39	1 28	22 36	1 8	24 33	1 6	2 39	2 21	7 36	0 31	23 17	0 24	4 44	9 40	18 16	18 27	25 0		n.a.
F 28	12s 9	24s24	1s52	3s 7	3n24	6n 9	1n32	22s28	1s 8	24n34	1n 6	2s36	2s21	7s36	0n31	23n17	0s24	4s44	9n40	18s16	18s28	24s58		n.a.

Julian Day Number = 1278771.5, Delta T = 08h10m09s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'09, Lahiri = -20°41'09 Julian Calendar 1 Feb. 1212 BCE == Greg. Calendar 21 Jan. 1212 BCE

The year -1211 astronomical counting style corresponds to year 1212 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1212 BCE
geocentric

MARCH 1212 BCE (-1211) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 50 24	29♒36'59	0♒18	14°R29	12♈55	26♉32	9°R46	29♓ 0	20°R20	23°R43	6°R20	9♒12	8♒22	15♉20	n.a.	S 1
S 2	9 54 20	0♓35'44	12°14	14♓27	14° 1	27°19	9♋43	29° 7	20♎19	23♊42	6♏20	9°R12	8°19	15°27	n.a.	S 2
M 3	9 58 17	1°34'27	24°19	14°19	15° 7	28° 5	9°41	29°14	20°17	23°42	6°20	9°11	8°16	15°33	n.a.	M 3
T 4	10 2 13	2°33'08	6♓33	14° 5	16°13	28°51	9°38	29°22	20°16	23°42	6°19	9° 9	8°13	15°40	n.a.	T 4
W 5	10 6 10	3°31'47	19° 0	13°46	17°18	29°38	9°36	29°29	20°15	23°41	6°19	9° 6	8°10	15°46	n.a.	W 5
T 6	10 10 6	4°30'23	1♈40	13°21	18°24	0♒24	9°34	29°36	20°13	23°41	6°18	9° 2	8° 6	15°53	n.a.	T 6
F 7	10 14 3	5°28'58	14°33	12°51	19°29	1°11	9°32	29°44	20°12	23°41	6°18	8°58	8° 3	16° 0	n.a.	F 7
S 8	10 17 59	6°27'30	27°40	12°18	20°34	1°57	9°30	29°51	20°10	23°40	6°17	8°54	8° 0	16° 6	n.a.	S 8
S 9	10 21 56	7°26'00	11♉ 1	11°41	21°38	2°43	9°28	29°59	20° 9	23°40	6°16	8°51	7°57	16°13	n.a.	S 9
M10	10 25 53	8°24'28	24°36	11° 1	22°42	3°29	9°27	0♈ 6	20° 7	23°40	6°16	8°49	7°54	16°20	n.a.	M10
T 11	10 29 49	9°22'53	8♊25	10°20	23°47	4°16	9°26	0°14	20° 5	23°40	6°15	8°D48	7°50	16°26	n.a.	T 11
W12	10 33 46	10°21'16	22°29	9°37	24°50	5° 2	9°25	0°21	20° 4	23°40	6°14	8°48	7°47	16°33	n.a.	W12
T 13	10 37 42	11°19'37	6♋46	8°55	25°54	5°48	9°24	0°29	20° 2	23°39	6°14	8°50	7°44	16°40	n.a.	T 13
F 14	10 41 39	12°17'56	21°13	8°12	26°57	6°34	9°23	0°37	20° 0	23°39	6°13	8°51	7°41	16°46	n.a.	F 14
S 15	10 45 35	13°16'12	5♌49	7°31	28° 0	7°20	9°22	0°44	19°58	23°39	6°12	8°R52	7°38	16°53	n.a.	S 15
S 16	10 49 32	14°14'26	20°27	6°52	29° 2	8° 6	9°22	0°52	19°57	23°D39	6°11	8°51	7°35	17° 0	n.a.	S 16
M17	10 53 28	15°12'38	5♍ 2	6°16	0♉ 5	8°52	9°D22	1° 0	19°55	23°39	6°11	8°49	7°31	17° 6	n.a.	M17
T 18	10 57 25	16°10'48	19°28	5°42	1° 7	9°38	9°22	1° 7	19°53	23°39	6°10	8°45	7°28	17°13	n.a.	T 18
W19	11 1 22	17° 8'56	3♎39	5°12	2° 8	10°24	9°22	1°15	19°51	23°39	6° 9	8°40	7°25	17°20	n.a.	W19
T 20	11 5 18	18° 7'03	17°29	4°46	3° 9	11°10	9°23	1°23	19°49	23°40	6° 8	8°34	7°22	17°26	n.a.	T 20
F 21	11 9 15	19° 5'07	0♏57	4°25	4°10	11°56	9°23	1°30	19°47	23°40	6° 7	8°27	7°19	17°33	n.a.	F 21
S 22	11 13 11	20° 3'11	14° 0	4° 8	5°11	12°42	9°24	1°38	19°45	23°40	6° 6	8°22	7°15	17°40	n.a.	S 22
S 23	11 17 8	21° 1'12	26°41	3°55	6°11	13°28	9°25	1°46	19°43	23°40	6° 5	8°17	7°12	17°46	n.a.	S 23
M24	11 21 4	21°59'12	9♐ 2	3°48	7°11	14°14	9°26	1°54	19°41	23°40	6° 4	8°15	7° 9	17°53	n.a.	M24
T 25	11 25 1	22°57'11	21° 7	3°D45	8°10	15° 0	9°28	2° 2	19°39	23°41	6° 3	8°D13	7° 6	18° 0	n.a.	T 25
W26	11 28 57	23°55'08	3♑ 2	3°47	9° 9	15°45	9°29	2°10	19°37	23°41	6° 2	8°14	7° 3	18° 6	n.a.	W26
T 27	11 32 54	24°53'03	14°51	3°54	10° 8	16°31	9°31	2°17	19°34	23°41	6° 1	8°15	7° 0	18°13	n.a.	T 27
F 28	11 36 51	25°50'58	26°40	4° 6	11° 6	17°17	9°33	2°25	19°32	23°42	6° 0	8°16	6°56	18°20	n.a.	F 28
S 29	11 40 47	26°48'50	8♒33	4°22	12° 4	18° 2	9°35	2°33	19°30	23°42	5°59	8°R17	6°53	18°26	n.a.	S 29
S 30	11 44 44	27°46'41	20°34	4°43	13° 1	18°48	9°37	2°41	19°28	23°43	5°58	8°16	6°50	18°33	n.a.	S 30
M31	11 48 40	28♓44'31	2♓48	5♓ 8	13♉58	19♒33	9♋40	2♈49	19♎25	23♊43	5♏56	8♒13	6♒47	18♉40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s48	21s13	0s49	3s 1	3n28	6n40	1n37	22s20	1s 9	24n34	1n 6	2s33	2s21	7s35	0n31	23n17	0s24	4s44	9n40	18s15	18s28	24s57		n.a.
S 2	11 27	17 9	0n17	3 0	3 30	7 10	1 41	22 11	1 9	24 34	1 6	2 30	2 21	7 35	0 31	23 17	0 24	4 43	9 41	18 15	18 29	24 55		n.a.
M 3	11 6	12 21	1 22	3 2	3 31	7 40	1 45	22 2	1 10	24 34	1 5	2 27	2 21	7 34	0 31	23 17	0 24	4 43	9 41	18 15	18 30	24 54		n.a.
T 4	10 44	7 1	2 25	3 8	3 31	8 9	1 49	21 52	1 10	24 34	1 5	2 24	2 21	7 34	0 32	23 17	0 24	4 43	9 41	18 16	18 31	24 52		n.a.
W 5	10 23	1 20	3 22	3 17	3 29	8 39	1 54	21 43	1 10	24 34	1 5	2 21	2 20	7 33	0 32	23 17	0 24	4 42	9 41	18 17	18 32	24 50		n.a.
T 6	10 1	4n29	4 10	3 30	3 25	9 8	1 58	21 33	1 11	24 34	1 5	2 18	2 20	7 33	0 32	23 17	0 24	4 42	9 41	18 18	18 33	24 49		n.a.
F 7	9 39	10 12	4 46	3 46	3 20	9 37	2 2	21 23	1 11	24 35	1 5	2 15	2 20	7 32	0 32	23 17	0 24	4 42	9 42	18 19	18 34	24 47		n.a.
S 8	9 17	15 35	5 7	4 6	3 13	10 6	2 6	21 13	1 12	24 35	1 5	2 12	2 20	7 32	0 32	23 17	0 24	4 41	9 42	18 20	18 34	24 46		n.a.
S 9	8 55	20 19	5 13	4 27	3 5	10 35	2 10	21 3	1 12	24 35	1 5	2 9	2 20	7 31	0 32	23 17	0 24	4 41	9 42	18 21	18 35	24 44		n.a.
M10	8 33	24 6	5 2	4 52	2 55	11 3	2 14	20 52	1 12	24 35	1 5	2 5	2 20	7 30	0 32	23 17	0 24	4 40	9 42	18 22	18 36	24 42		n.a.
T 11	8 11	26 34	4 33	5 18	2 44	11 31	2 18	20 41	1 13	24 35	1 5	2 2	2 20	7 30	0 32	23 17	0 24	4 40	9 42	18 22	18 37	24 41		n.a.
W12	7 49	27 24	3 47	5 45	2 32	11 59	2 22	20 30	1 13	24 35	1 5	1 59	2 20	7 29	0 32	23 17	0 24	4 40	9 43	18 22	18 38	24 39		n.a.
T 13	7 26	26 26	2 47	6 14	2 18	12 26	2 26	20 19	1 13	24 35	1 5	1 56	2 20	7 28	0 32	23 17	0 24	4 39	9 43	18 21	18 39	24 37		n.a.
F 14	7 4	23 42	1 35	6 43	2 4	12 53	2 30	20 8	1 13	24 35	1 5	1 53	2 20	7 28	0 32	23 17	0 24	4 39	9 43	18 21	18 39	24 36		n.a.
S 15	6 41	19 24	0 17	7 12	1 49	13 20	2 34	19 56	1 14	24 35	1 5	1 50	2 19	7 27	0 32	23 17	0 24	4 38	9 43	18 21	18 40	24 34		n.a.
S 16	6 18	13 55	1s 3	7 41	1 34	13 46	2 38	19 44	1 14	24 34	1 4	1 47	2 19	7 26	0 32	23 17	0 24	4 38	9 43	18 21	18 41	24 32		n.a.
M17	5 55	7 41	2 18	8 10	1 18	14 12	2 42	19 32	1 14	24 34	1 4	1 43	2 19	7 26	0 32	23 17	0 24	4 38	9 43	18 21	18 42	24 31		n.a.
T 18	5 32	1 8	3 23	8 38	1 1	14 38	2 46	19 20	1 15	24 34	1 4	1 40	2 19	7 25	0 32	23 17	0 24	4 37	9 44	18 22	18 43	24 29		n.a.
W19	5 9	5s21	4 15	9 4	0 45	15 3	2 49	19 8	1 15	24 34	1 4	1 37	2 19	7 24	0 32	23 17	0 24	4 37	9 44	18 24	18 43	24 27		n.a.
T 20	4 46	11 25	4 50	9 29	0 29	15 28	2 53	18 55	1 15	24 34	1 4	1 34	2 19	7 23	0 32	23 17	0 24	4 36	9 44	18 25	18 44	24 25		n.a.
F 21	4 23	16 47	5 7	9 52	0 12	15 53	2 57	18 42	1 15	24 34	1 4	1 31	2 19	7 22	0 32	23 17	0 24	4 36	9 44	18 27	18 45	24 24		n.a.
S 22	4 0	21 12	5 9	10 13	0s 3	16 17	3 0	18 29	1 16	24 34	1 4	1 27	2 19	7 22	0 32	23 17	0 24	4 35	9 44	18 29	18 46	24 22		n.a.
S 23	3 37	24 30	4 54	10 31	0 19	16 41	3 4	18 16	1 16	24 34	1 4	1 24	2 19	7 21	0 32	23 17	0 24	4 35	9 44	18 30	18 47	24 20		n.a.
M24	3 14	26 34	4 27	10 48	0 34	17 5	3 7	18 3	1 16	24 33	1 4	1 21	2 19	7 20	0 32	23 17	0 24	4 35	9 44	18 31	18 48	24 19		n.a.
T 25	2 51	27 19	3 48	11 2	0 48	17 28	3 10	17 49	1 16	24 33	1 4	1 18	2 19	7 19	0 32	23 17	0 24	4 34	9 45	18 31	18 48	24 17		n.a.
W26	2 27	26 47	2 59	11 14	1 2	17 50	3 14	17 36	1 17	24 33	1 4	1 15	2 19	7 18	0 32	23 17	0 24	4 34	9 45	18 31	18 49	24 15		n.a.
T 27	2 4	25 2	2 3	11 24	1 15	18 12	3 17	17 22	1 17	24 33	1 3	1 11	2 19	7 18	0 32	23 17	0 24	4 33	9 45	18 30	18 50	24 13		n.a.
F 28	1 41	22 12	1 3	11 31	1 27	18 34	3 20	17 8	1 17	24 33	1 3	1 8	2 19	7 17	0 32	23 18	0 24	4 33	9 45	18 30	18 51	24 12		n.a.
S 29	1 17	18 24	0n 1	11 35	1 38	18 55	3 23	16 54	1 17	24 32	1 3	1 5	2 19	7 16	0 32	23 18	0 24	4 32	9 45	18 30	18 52	24 10		n.a.
S 30	0 54	13 50	1 6	11 38	1 49	19 16	3 26	16 40	1 17	24 32	1 3	1 2	2 19	7 15	0 32	23 18	0 24	4 32	9 45	18 30	18 52	24 8		n.a.
M31	0s31	8s40	2n 8	11s37	1s59	19n36	3n29	16s26	1s18	24n32	1n 3	0s59	2s19	7s14	0n32	23n18	0s24	4s31	9n45	18s31	18s53	24s 6		n.a.

Julian Day Number = 1278799.5, Delta T = 08h10m08s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'06, Lahiri = -20°41'05 Julian Calendar 1 March 1212 BCE == Greg. Calendar 18 Feb. 1212 BCE

The year -1211 astronomical counting style corresponds to year 1212 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1212 BCE
geocentric

APRIL 1212 BCE (-1211) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 52 37	29♓42'19	15♓16	5♓38	14♉54	20♒19	9♋42	2♈57	19°R23	23♊44	5°R55	8°R 8	6♒44	18♑46	n.a.	T 1
W 2	11 56 33	0♈40'06	28° 0	6°11	15°50	21° 4	9°45	3° 5	19♎21	23°44	5♏54	8♒ 1	6°41	18°53	n.a.	W 2
T 3	12 0 30	1°37'51	11♈ 1	6°48	16°45	21°50	9°48	3°12	19°19	23°45	5°53	7°52	6°37	18°59	n.a.	T 3
F 4	12 4 26	2°35'34	24°17	7°30	17°40	22°35	9°51	3°20	19°16	23°45	5°52	7°43	6°34	19° 6	n.a.	F 4
S 5	12 8 23	3°33'16	7♉47	8°15	18°34	23°20	9°54	3°28	19°14	23°46	5°50	7°34	6°31	19°13	n.a.	S 5
S 6	12 12 19	4°30'56	21°28	9° 3	19°28	24° 5	9°58	3°36	19°11	23°47	5°49	7°26	6°28	19°19	n.a.	S 6
M 7	12 16 16	5°28'35	5♊18	9°55	20°21	24°51	10° 1	3°44	19° 9	23°47	5°48	7°21	6°25	19°26	n.a.	M 7
T 8	12 20 13	6°26'12	19°16	10°50	21°13	25°36	10° 5	3°52	19° 7	23°48	5°46	7°17	6°21	19°33	n.a.	T 8
W 9	12 24 9	7°23'48	3♋20	11°49	22° 5	26°21	10° 9	4° 0	19° 4	23°49	5°45	7°D16	6°18	19°39	n.a.	W 9
T 10	12 28 6	8°21'21	17°28	12°50	22°56	27° 6	10°13	4° 8	19° 2	23°50	5°44	7°16	6°15	19°46	n.a.	T 10
F 11	12 32 2	9°18'53	1♌39	13°55	23°46	27°51	10°18	4°16	18°59	23°51	5°42	7°R17	6°12	19°53	n.a.	F 11
S 12	12 35 59	10°16'24	15°52	15° 2	24°36	28°36	10°22	4°23	18°57	23°51	5°41	7°17	6° 9	19°59	n.a.	S 12
S 13	12 39 55	11°13'52	0♍ 5	16°12	25°25	29°21	10°27	4°31	18°55	23°52	5°40	7°15	6° 6	20° 6	n.a.	S 13
M14	12 43 52	12°11'20	14°15	17°25	26°13	0♓ 5	10°31	4°39	18°52	23°53	5°38	7°10	6° 2	20°13	n.a.	M14
T 15	12 47 48	13° 8'45	28°17	18°41	27° 0	0°50	10°36	4°47	18°50	23°54	5°37	7° 3	5°59	20°19	n.a.	T 15
W16	12 51 45	14° 6'10	12♎ 8	20° 0	27°47	1°35	10°41	4°55	18°47	23°55	5°35	6°54	5°56	20°26	n.a.	W16
T 17	12 55 42	15° 3'33	25°44	21°21	28°32	2°20	10°47	5° 3	18°45	23°56	5°34	6°43	5°53	20°33	n.a.	T 17
F 18	12 59 38	16° 0'55	9♏ 2	22°44	29°17	3° 4	10°52	5°10	18°42	23°57	5°32	6°32	5°50	20°39	n.a.	F 18
S 19	13 3 35	16°58'17	21°59	24°11	0♊ 1	3°49	10°57	5°18	18°40	23°58	5°31	6°22	5°46	20°46	n.a.	S 19
S 20	13 7 31	17°55'37	4♐37	25°39	0°44	4°33	11° 3	5°26	18°37	23°59	5°29	6°13	5°43	20°53	n.a.	S 20
M21	13 11 28	18°52'57	16°57	27°11	1°26	5°18	11° 9	5°34	18°35	24° 0	5°28	6° 7	5°40	20°59	n.a.	M21
T 22	13 15 24	19°50'16	29° 2	28°44	2° 6	6° 2	11°15	5°42	18°32	24° 2	5°26	6° 3	5°37	21° 6	n.a.	T 22
W23	13 19 21	20°47'34	10♑57	0♈21	2°46	6°46	11°21	5°49	18°30	24° 3	5°25	6° 1	5°34	21°12	n.a.	W23
T 24	13 23 17	21°44'51	22°47	1°59	3°25	7°31	11°27	5°57	18°27	24° 4	5°23	6°D 0	5°31	21°19	n.a.	T 24
F 25	13 27 14	22°42'08	4♒36	3°40	4° 2	8°15	11°34	6° 5	18°25	24° 5	5°22	6°R 0	5°27	21°26	n.a.	F 25
S 26	13 31 11	23°39'24	16°31	5°24	4°39	8°59	11°40	6°12	18°22	24° 7	5°20	6° 0	5°24	21°32	n.a.	S 26
S 27	13 35 7	24°36'39	28°36	7°10	5°14	9°43	11°47	6°20	18°20	24° 8	5°19	5°58	5°21	21°39	n.a.	S 27
M28	13 39 4	25°33'54	10♓56	8°58	5°47	10°27	11°54	6°28	18°17	24° 9	5°17	5°54	5°18	21°46	n.a.	M28
T 29	13 43 0	26°31'08	23°34	10°49	6°20	11°11	12° 0	6°35	18°15	24°10	5°15	5°47	5°15	21°52	n.a.	T 29
W30	13 46 57	27♈28'21	6♈33	12♈42	6♊51	11♓55	12♋ 8	6♈43	18♎12	24♊12	5♏14	5♒38	5♒12	21♑59	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 7	3s 3	3n 6	11s35	2s 8	19n56	3n31	16s11	1s18	24n32	1n 3	0s55	2s19	7s13	0n32	23n18	0s24	4s31	9n45	18s32	18s54	24s 5		n.a.
W 2	0n16	2n46	3 55	11 30	2 16	20 15	3 34	15 57	1 18	24 31	1 3	0 52	2 18	7 12	0 32	23 18	0 24	4 30	9 46	18 34	18 55	24 3		n.a.
T 3	0 40	8 36	4 33	11 23	2 24	20 34	3 36	15 42	1 18	24 31	1 3	0 49	2 18	7 12	0 32	23 18	0 24	4 30	9 46	18 36	18 56	24 1		n.a.
F 4	1 3	14 9	4 57	11 13	2 31	20 52	3 39	15 27	1 18	24 31	1 3	0 46	2 18	7 11	0 32	23 18	0 24	4 29	9 46	18 39	18 57	23 59		n.a.
S 5	1 26	19 8	5 5	11 2	2 37	21 10	3 41	15 12	1 18	24 30	1 3	0 43	2 18	7 10	0 32	23 18	0 24	4 29	9 46	18 41	18 57	23 57		n.a.
S 6	1 49	23 11	4 56	10 48	2 42	21 27	3 43	14 57	1 19	24 30	1 3	0 39	2 18	7 9	0 32	23 18	0 24	4 28	9 46	18 43	18 58	23 56		n.a.
M 7	2 13	25 58	4 30	10 32	2 46	21 44	3 45	14 42	1 19	24 30	1 2	0 36	2 18	7 8	0 32	23 18	0 23	4 28	9 46	18 45	18 59	23 54		n.a.
T 8	2 36	27 11	3 48	10 14	2 50	22 0	3 47	14 26	1 19	24 29	1 2	0 33	2 18	7 7	0 32	23 18	0 23	4 27	9 46	18 45	19 0	23 52		n.a.
W 9	2 59	26 39	2 51	9 54	2 53	22 16	3 49	14 11	1 19	24 29	1 2	0 30	2 18	7 6	0 32	23 18	0 23	4 27	9 46	18 46	19 1	23 50		n.a.
T 10	3 22	24 24	1 44	9 32	2 55	22 31	3 50	13 55	1 19	24 28	1 2	0 27	2 18	7 5	0 32	23 18	0 23	4 26	9 46	18 46	19 1	23 48		n.a.
F 11	3 45	20 37	0 30	9 9	2 57	22 46	3 52	13 39	1 19	24 28	1 2	0 23	2 18	7 4	0 32	23 18	0 23	4 26	9 46	18 46	19 2	23 46		n.a.
S 12	4 8	15 37	0s46	8 43	2 58	23 0	3 53	13 24	1 19	24 27	1 2	0 20	2 18	7 3	0 32	23 18	0 23	4 25	9 46	18 46	19 3	23 45		n.a.
S 13	4 31	9 47	1 59	8 15	2 58	23 13	3 54	13 8	1 19	24 27	1 2	0 17	2 18	7 2	0 32	23 18	0 23	4 25	9 46	18 46	19 4	23 43		n.a.
M14	4 54	3 29	3 4	7 46	2 57	23 26	3 55	12 52	1 19	24 26	1 2	0 14	2 18	7 1	0 32	23 19	0 23	4 24	9 46	18 47	19 5	23 41		n.a.
T 15	5 16	2s55	3 57	7 14	2 56	23 38	3 56	12 36	1 20	24 26	1 2	0 11	2 18	7 0	0 32	23 19	0 23	4 24	9 46	18 49	19 5	23 39		n.a.
W16	5 39	9 5	4 35	6 41	2 54	23 50	3 56	12 20	1 20	24 25	1 2	0 8	2 18	6 59	0 32	23 19	0 23	4 23	9 46	18 51	19 6	23 37		n.a.
T 17	6 2	14 42	4 57	6 6	2 52	24 1	3 57	12 3	1 20	24 25	1 1	0 5	2 18	6 58	0 32	23 19	0 23	4 23	9 46	18 54	19 7	23 35		n.a.
F 18	6 24	19 30	5 2	5 30	2 48	24 11	3 57	11 47	1 20	24 24	1 1	0 1	2 18	6 58	0 32	23 19	0 23	4 22	9 46	18 57	19 8	23 33		n.a.
S 19	6 47	23 15	4 51	4 52	2 45	24 21	3 57	11 31	1 20	24 24	1 1	0n 2	2 19	6 57	0 32	23 19	0 23	4 22	9 46	19 0	19 9	23 32		n.a.
S 20	7 9	25 47	4 27	4 12	2 40	24 30	3 57	11 14	1 20	24 23	1 1	0 5	2 19	6 56	0 32	23 19	0 23	4 21	9 46	19 2	19 9	23 30		n.a.
M21	7 31	27 0	3 50	3 30	2 35	24 39	3 57	10 58	1 20	24 23	1 1	0 8	2 19	6 55	0 32	23 19	0 23	4 21	9 46	19 4	19 10	23 28		n.a.
T 22	7 53	26 53	3 3	2 47	2 30	24 47	3 56	10 41	1 20	24 22	1 1	0 11	2 19	6 54	0 32	23 19	0 23	4 20	9 46	19 5	19 11	23 26		n.a.
W23	8 15	25 31	2 9	2 3	2 24	24 54	3 55	10 24	1 20	24 22	1 1	0 14	2 19	6 53	0 32	23 19	0 23	4 20	9 46	19 5	19 12	23 24		n.a.
T 24	8 37	23 2	1 10	1 17	2 17	25 1	3 54	10 7	1 20	24 21	1 1	0 17	2 19	6 52	0 32	23 19	0 23	4 19	9 46	19 5	19 13	23 22		n.a.
F 25	8 58	19 33	0 7	0 30	2 10	25 7	3 53	9 51	1 20	24 20	1 1	0 20	2 19	6 51	0 32	23 19	0 23	4 19	9 46	19 5	19 13	23 20		n.a.
S 26	9 20	15 16	0n56	0n19	2 2	25 13	3 51	9 34	1 20	24 20	1 1	0 23	2 19	6 50	0 32	23 19	0 23	4 18	9 46	19 5	19 14	23 18		n.a.
S 27	9 41	10 20	1 57	1 9	1 54	25 18	3 50	9 17	1 20	24 19	1 1	0 26	2 19	6 49	0 32	23 19	0 23	4 18	9 46	19 6	19 15	23 16		n.a.
M28	10 3	4 55	2 54	2 0	1 45	25 22	3 48	9 0	1 20	24 18	1 1	0 29	2 19	6 48	0 32	23 20	0 23	4 18	9 46	19 7	19 16	23 14		n.a.
T 29	10 24	0n49	3 44	2 53	1 36	25 25	3 45	8 43	1 20	24 17	1 0	0 32	2 19	6 47	0 32	23 20	0 23	4 17	9 46	19 8	19 16	23 12		n.a.
W30	10n45	6n40	4n23	3n46	1s27	25n28	3n43	8s26	1s20	24n17	1n 0	0n35	2s19	6s46	0n32	23n20	0s23	4s17	9n46	19s11	19s17	23s10		n.a.

Julian Day Number = 1278830.5, Delta T = 08h10m06s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°48'01, Lahiri = -20°41'01 Julian Calendar 1 Apr. 1212 BCE == Greg. Calendar 21 March 1212 BCE

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ASTRODIENST EPHEMERIS for the year 1212 BCE
geocentric

MAY 1212 BCE (-1211) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 50 53	28♈25'34	19♈53	14♈38	7♊21	12♓39	12♋15	6♈50	18°R10	24♊13	5°R12	5°R27	5♒ 8	22♑ 6	n.a.	T 1
F 2	13 54 50	29°22'46	3♉32	16°36	7°49	13°23	12°22	6°58	18♎ 7	24°15	5♏11	5♒15	5° 5	22°12	n.a.	F 2
S 3	13 58 46	0♉19'58	17°27	18°35	8°15	14° 7	12°29	7° 5	18° 5	24°16	5° 9	5° 4	5° 2	22°19	n.a.	S 3
S 4	14 2 43	1°17'09	1♊33	20°37	8°40	14°50	12°37	7°13	18° 3	24°18	5° 7	4°53	4°59	22°26	n.a.	S 4
M 5	14 6 40	2°14'19	15°47	22°41	9° 4	15°34	12°45	7°20	18° 0	24°19	5° 6	4°46	4°56	22°32	n.a.	M 5
T 6	14 10 36	3°11'28	0♋ 3	24°46	9°25	16°17	12°53	7°28	17°58	24°21	5° 4	4°41	4°52	22°39	n.a.	T 6
W 7	14 14 33	4° 8'37	14°17	26°53	9°45	17° 1	13° 0	7°35	17°56	24°22	5° 3	4°38	4°49	22°46	n.a.	W 7
T 8	14 18 29	5° 5'45	28°28	29° 2	10° 3	17°44	13° 9	7°42	17°53	24°24	5° 1	4°38	4°46	22°52	n.a.	T 8
F 9	14 22 26	6° 2'52	12♌34	1♉11	10°19	18°28	13°17	7°50	17°51	24°25	5° 0	4°38	4°43	22°59	n.a.	F 9
S 10	14 26 22	6°59'58	26°34	3°21	10°33	19°11	13°25	7°57	17°49	24°27	4°58	4°37	4°40	23° 6	n.a.	S 10
S 11	14 30 19	7°57'03	10♍28	5°32	10°45	19°54	13°33	8° 4	17°46	24°29	4°56	4°34	4°37	23°12	n.a.	S 11
M12	14 34 16	8°54'08	24°14	7°43	10°55	20°37	13°42	8°11	17°44	24°30	4°55	4°29	4°33	23°19	n.a.	M12
T 13	14 38 12	9°51'12	7♎52	9°55	11° 3	21°20	13°51	8°19	17°42	24°32	4°53	4°21	4°30	23°25	n.a.	T 13
W14	14 42 9	10°48'16	21°19	12° 6	11° 8	22° 3	13°59	8°26	17°39	24°34	4°52	4°11	4°27	23°32	n.a.	W14
T 15	14 46 5	11°45'19	4♏33	14°16	11°12	22°46	14° 8	8°33	17°37	24°35	4°50	3°59	4°24	23°39	n.a.	T 15
F 16	14 50 2	12°42'23	17°33	16°26	11°R13	23°29	14°17	8°40	17°35	24°37	4°48	3°47	4°21	23°45	n.a.	F 16
S 17	14 53 58	13°39'26	0♐17	18°35	11°11	24°12	14°26	8°47	17°33	24°39	4°47	3°35	4°18	23°52	n.a.	S 17
S 18	14 57 55	14°36'29	12°46	20°43	11° 8	24°55	14°35	8°54	17°31	24°41	4°45	3°25	4°14	23°59	n.a.	S 18
M19	15 1 51	15°33'32	25° 0	22°49	11° 2	25°37	14°45	9° 1	17°29	24°42	4°44	3°17	4°11	24° 5	n.a.	M19
T 20	15 5 48	16°30'35	7♑ 2	24°54	10°53	26°20	14°54	9° 7	17°27	24°44	4°42	3°12	4° 8	24°12	n.a.	T 20
W21	15 9 45	17°27'38	18°55	26°57	10°43	27° 2	15° 3	9°14	17°25	24°46	4°41	3° 9	4° 5	24°19	n.a.	W21
T 22	15 13 41	18°24'42	0♒43	28°59	10°30	27°45	15°13	9°21	17°23	24°48	4°39	3°D 9	4° 2	24°25	n.a.	T 22
F 23	15 17 38	19°21'45	12°32	0♊59	10°14	28°27	15°23	9°28	17°21	24°50	4°37	3° 9	3°58	24°32	n.a.	F 23
S 24	15 21 34	20°18'49	24°27	2°57	9°56	29° 9	15°32	9°34	17°19	24°52	4°36	3°R 9	3°55	24°39	n.a.	S 24
S 25	15 25 31	21°15'53	6♓33	4°53	9°36	29°52	15°42	9°41	17°17	24°54	4°34	3° 8	3°52	24°45	n.a.	S 25
M26	15 29 27	22°12'58	18°55	6°47	9°14	0♈34	15°52	9°48	17°15	24°55	4°33	3° 5	3°49	24°52	n.a.	M26
T 27	15 33 24	23°10'03	1♈38	8°39	8°50	1°16	16° 2	9°54	17°13	24°57	4°31	3° 0	3°46	24°59	n.a.	T 27
W28	15 37 21	24° 7'08	14°44	10°29	8°23	1°58	16°12	10° 0	17°11	24°59	4°30	2°52	3°43	25° 5	n.a.	W28
T 29	15 41 17	25° 4'14	28°16	12°18	7°55	2°40	16°22	10° 7	17° 9	25° 1	4°28	2°43	3°39	25°12	n.a.	T 29
F 30	15 45 14	26° 1'20	12♉11	14° 4	7°25	3°21	16°33	10°13	17° 8	25° 3	4°27	2°32	3°36	25°18	n.a.	F 30
S 31	15 49 10	26♉58'27	26♉27	15♊48	6♊54	4♈ 3	16♋43	10♈20	17♎ 6	25♊ 5	4♏26	2♒22	3♒33	25♑25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n 6	12n21	4n50	4n41	1s17	25n31	3n40	8s 9	1s20	24n16	1n 0	0n38	2s19	6s45	0n32	23n20	0s23	4s16	9n46	19s13	19s18	23s 9			n.a.
F 2	11 26	17 36	5 0	5 36	1 7	25 32	3 37	7 51	1 19	24 15	1 0	0 41	2 19	6 44	0 32	23 20	0 23	4 16	9 46	19 16	19 19	23 7			n.a.
S 3	11 47	22 0	4 54	6 32	0 57	25 33	3 33	7 34	1 19	24 14	1 0	0 44	2 19	6 43	0 32	23 20	0 23	4 15	9 46	19 19	19 20	23 5			n.a.
S 4	12 7	25 12	4 29	7 28	0 46	25 34	3 29	7 17	1 19	24 14	1 0	0 47	2 19	6 42	0 32	23 20	0 23	4 15	9 46	19 22	19 20	23 3			n.a.
M 5	12 27	26 50	3 48	8 25	0 35	25 33	3 25	7 0	1 19	24 13	1 0	0 50	2 19	6 42	0 32	23 20	0 23	4 14	9 46	19 24	19 21	23 1			n.a.
T 6	12 47	26 42	2 52	9 22	0 25	25 32	3 21	6 42	1 19	24 12	1 0	0 53	2 19	6 41	0 32	23 20	0 23	4 14	9 46	19 25	19 22	22 59			n.a.
W 7	13 7	24 48	1 45	10 19	0 14	25 30	3 16	6 25	1 19	24 11	1 0	0 56	2 20	6 40	0 31	23 20	0 23	4 13	9 46	19 25	19 23	22 57			n.a.
T 8	13 26	21 21	0 33	11 16	0 3	25 28	3 10	6 8	1 19	24 10	1 0	0 58	2 20	6 39	0 31	23 20	0 23	4 13	9 46	19 26	19 23	22 55			n.a.
F 9	13 46	16 39	0s42	12 12	0n 8	25 25	3 5	5 51	1 19	24 9	1 0	1 1	2 20	6 38	0 31	23 21	0 23	4 13	9 46	19 26	19 24	22 53			n.a.
S 10	14 5	11 6	1 53	13 8	0 18	25 21	2 59	5 33	1 19	24 8	1 0	1 4	2 20	6 37	0 31	23 21	0 23	4 12	9 45	19 26	19 25	22 51			n.a.
S 11	14 24	5 2	2 57	14 2	0 29	25 17	2 52	5 16	1 18	24 7	1 0	1 7	2 20	6 36	0 31	23 21	0 23	4 12	9 45	19 26	19 26	22 49			n.a.
M12	14 42	1s11	3 50	14 55	0 39	25 11	2 46	4 58	1 18	24 6	1 0	1 10	2 20	6 35	0 31	23 21	0 23	4 11	9 45	19 28	19 27	22 47			n.a.
T 13	15 1	7 17	4 30	15 47	0 48	25 5	2 38	4 41	1 18	24 6	0 59	1 12	2 20	6 34	0 31	23 21	0 23	4 11	9 45	19 30	19 27	22 45			n.a.
W14	15 19	12 58	4 53	16 38	0 57	24 58	2 31	4 24	1 18	24 5	0 59	1 15	2 20	6 34	0 31	23 21	0 23	4 10	9 45	19 32	19 28	22 43			n.a.
T 15	15 37	17 57	5 1	17 26	1 6	24 51	2 23	4 6	1 18	24 4	0 59	1 18	2 20	6 33	0 31	23 21	0 23	4 10	9 45	19 35	19 29	22 41			n.a.
F 16	15 55	22 1	4 52	18 12	1 14	24 43	2 14	3 49	1 18	24 2	0 59	1 21	2 20	6 32	0 31	23 21	0 23	4 10	9 45	19 38	19 30	22 39			n.a.
S 17	16 12	24 56	4 29	18 57	1 21	24 34	2 5	3 31	1 17	24 1	0 59	1 23	2 21	6 31	0 31	23 21	0 23	4 9	9 44	19 41	19 30	22 37			n.a.
S 18	16 29	26 34	3 53	19 39	1 28	24 24	1 56	3 14	1 17	24 0	0 59	1 26	2 21	6 30	0 31	23 21	0 23	4 9	9 44	19 43	19 31	22 35			n.a.
M19	16 46	26 52	3 8	20 18	1 34	24 13	1 46	2 57	1 17	23 59	0 59	1 29	2 21	6 30	0 31	23 21	0 23	4 9	9 44	19 45	19 32	22 33			n.a.
T 20	17 3	25 53	2 14	20 56	1 40	24 2	1 36	2 39	1 17	23 58	0 59	1 31	2 21	6 29	0 31	23 22	0 22	4 8	9 44	19 46	19 33	22 31			n.a.
W21	17 20	23 43	1 15	21 30	1 45	23 50	1 25	2 22	1 17	23 57	0 59	1 34	2 21	6 28	0 31	23 22	0 22	4 8	9 44	19 47	19 34	22 28			n.a.
T 22	17 36	20 33	0 13	22 2	1 49	23 37	1 14	2 5	1 16	23 56	0 59	1 36	2 21	6 27	0 31	23 22	0 22	4 8	9 44	19 47	19 34	22 26			n.a.
F 23	17 52	16 32	0n50	22 32	1 53	23 23	1 2	1 47	1 16	23 55	0 59	1 39	2 21	6 26	0 31	23 22	0 22	4 7	9 44	19 47	19 35	22 24			n.a.
S 24	18 7	11 51	1 51	22 59	1 55	23 9	0 51	1 30	1 16	23 53	0 59	1 42	2 21	6 26	0 31	23 22	0 22	4 7	9 43	19 47	19 36	22 22			n.a.
S 25	18 23	6 40	2 48	23 24	1 58	22 54	0 38	1 13	1 16	23 52	0 59	1 44	2 22	6 25	0 31	23 22	0 22	4 7	9 43	19 47	19 37	22 20			n.a.
M26	18 38	1 7	3 38	23 46	1 59	22 38	0 26	0 55	1 15	23 51	0 59	1 47	2 22	6 24	0 31	23 22	0 22	4 6	9 43	19 48	19 37	22 18			n.a.
T 27	18 52	4n37	4 19	24 5	2 0	22 21	0 13	0 38	1 15	23 50	0 59	1 49	2 22	6 24	0 31	23 22	0 22	4 6	9 43	19 49	19 38	22 16			n.a.
W28	19 7	10 19	4 48	24 22	2 0	22 4	0s 1	0 21	1 15	23 48	0 59	1 51	2 22	6 23	0 31	23 22	0 22	4 6	9 43	19 51	19 39	22 14			n.a.
T 29	19 21	15 43	5 2	24 37	1 59	21 46	0 14	0 4	1 15	23 47	0 59	1 54	2 22	6 22	0 31	23 22	0 22	4 5	9 42	19 53	19 40	22 12			n.a.
F 30	19 35	20 29	4 59	24 50	1 58	21 27	0 28	0n13	1 14	23 46	0 59	1 56	2 22	6 22	0 31	23 22	0 22	4 5	9 42	19 55	19 40	22 10			n.a.
S 31	19n49	24n10	4n37	25n 0	1n57	21n 8	0s42	0n30	1s14	23n44	0n58	1n59	2s23	6s21	0n31	23n23	0s22	4s 5	9n42	19s58	19s41	22s 8			n.a.

Julian Day Number = 1278860.5, Delta T = 08h10m04s
Ecliptic obliquity = 23°50'25, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'57, Lahiri = -20°40'57 Julian Calendar 1 May 1212 BCE == Greg. Calendar 20 Apr. 1212 BCE

The year -1211 astronomical counting style corresponds to year 1212 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1212 BCE
geocentric

JUNE 1212 BCE (-1211) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 53 7	27♉55'34	10♊57	17♊30	6°R21	4♈45	16♋54	10♈26	17°R 4	25♊ 7	4°R24	2°R14	3♒30	25♉32	n.a.	S 1
M 2	15 57 3	28°52'41	25°35	19°10	5♊46	5°26	17° 4	10°32	17♎ 2	25° 9	4♏23	2♒ 7	3°27	25°38	n.a.	M 2
T 3	16 1 0	29°49'49	10♋14	20°49	5°11	6° 8	17°15	10°38	17° 1	25°11	4°21	2° 3	3°24	25°45	n.a.	T 3
W 4	16 4 56	0♊46'57	24°48	22°25	4°35	6°49	17°25	10°44	16°59	25°13	4°20	2° 1	3°20	25°52	n.a.	W 4
T 5	16 8 53	1°44'05	9♌12	23°59	3°58	7°31	17°36	10°50	16°58	25°16	4°19	2°D 1	3°17	25°58	n.a.	T 5
F 6	16 12 50	2°41'13	23°24	25°31	3°21	8°12	17°47	10°56	16°56	25°18	4°17	2° 2	3°14	26° 5	n.a.	F 6
S 7	16 16 46	3°38'21	7♍22	27° 1	2°44	8°53	17°58	11° 2	16°55	25°20	4°16	2°R 2	3°11	26°12	n.a.	S 7
S 8	16 20 43	4°35'29	21° 7	28°29	2° 7	9°34	18° 9	11° 8	16°53	25°22	4°15	2° 1	3° 8	26°18	n.a.	S 8
M 9	16 24 39	5°32'38	4♎38	29°55	1°30	10°15	18°20	11°13	16°52	25°24	4°13	1°57	3° 4	26°25	n.a.	M 9
T 10	16 28 36	6°29'47	17°56	1♋19	0°53	10°56	18°31	11°19	16°51	25°26	4°12	1°52	3° 1	26°32	n.a.	T 10
W11	16 32 32	7°26'57	1♏ 1	2°41	0°18	11°37	18°42	11°24	16°49	25°28	4°11	1°44	2°58	26°38	n.a.	W11
T 12	16 36 29	8°24'07	13°54	4° 0	29♉43	12°17	18°54	11°30	16°48	25°30	4° 9	1°35	2°55	26°45	n.a.	T 12
F 13	16 40 26	9°21'18	26°34	5°17	29°10	12°58	19° 5	11°35	16°47	25°32	4° 8	1°26	2°52	26°52	n.a.	F 13
S 14	16 44 22	10°18'29	9♐ 1	6°32	28°38	13°39	19°16	11°41	16°46	25°35	4° 7	1°17	2°49	26°58	n.a.	S 14
S 15	16 48 19	11°15'42	21°17	7°45	28° 8	14°19	19°28	11°46	16°45	25°37	4° 6	1°10	2°45	27° 5	n.a.	S 15
M16	16 52 15	12°12'55	3♑22	8°55	27°39	14°59	19°39	11°51	16°44	25°39	4° 5	1° 4	2°42	27°11	n.a.	M16
T 17	16 56 12	13°10'09	15°18	10° 3	27°13	15°40	19°51	11°56	16°43	25°41	4° 3	1° 1	2°39	27°18	n.a.	T 17
W18	17 0 8	14° 7'24	27° 8	11° 8	26°48	16°20	20° 2	12° 2	16°42	25°43	4° 2	0°D59	2°36	27°25	n.a.	W18
T 19	17 4 5	15° 4'40	8♒55	12°10	26°25	17° 0	20°14	12° 7	16°41	25°46	4° 1	1° 0	2°33	27°31	n.a.	T 19
F 20	17 8 1	16° 1'58	20°43	13°10	26° 5	17°40	20°26	12°11	16°40	25°48	4° 0	1° 1	2°30	27°38	n.a.	F 20
S 21	17 11 58	16°59'16	2♓37	14° 7	25°47	18°20	20°38	12°16	16°39	25°50	3°59	1° 2	2°26	27°45	n.a.	S 21
S 22	17 15 55	17°56'36	14°43	15° 1	25°32	19° 0	20°50	12°21	16°38	25°52	3°58	1°R 3	2°23	27°51	n.a.	S 22
M23	17 19 51	18°53'57	27° 4	15°51	25°18	19°39	21° 2	12°26	16°38	25°54	3°57	1° 3	2°20	27°58	n.a.	M23
T 24	17 23 48	19°51'19	9♈46	16°39	25° 7	20°19	21°14	12°30	16°37	25°57	3°56	1° 1	2°17	28° 5	n.a.	T 24
W25	17 27 44	20°48'43	22°52	17°23	24°59	20°59	21°26	12°35	16°36	25°59	3°55	0°57	2°14	28°11	n.a.	W25
T 26	17 31 41	21°46'08	6♉26	18° 3	24°53	21°38	21°38	12°39	16°36	26° 1	3°54	0°53	2°10	28°18	n.a.	T 26
F 27	17 35 37	22°43'35	20°26	18°39	24°49	22°17	21°50	12°44	16°35	26° 3	3°53	0°47	2° 7	28°25	n.a.	F 27
S 28	17 39 34	23°41'03	4♊52	19°12	24°D48	22°57	22° 2	12°48	16°35	26° 5	3°52	0°41	2° 4	28°31	n.a.	S 28
S 29	17 43 30	24°38'32	19°36	19°40	24°49	23°36	22°14	12°52	16°34	26° 8	3°52	0°36	2° 1	28°38	n.a.	S 29
M30	17 47 27	25♊36'03	4♋33	20♋ 4	24♉52	24♈15	22♋26	12♈56	16♎34	26♊10	3♏51	0♒33	1♒58	28♉45	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 2	26n22	3n57	25n 8	1n54	20n49	0s56	0n48	1s14	23n43	0n58	2n 1	2s23	6s20	0n31	23n23	0s22	4s 5	9n42	20s 0	19s42	22s 6		n.a.
M 2	20 15	26 47	3 2	25 14	1 51	20 29	1 10	1 5	1 13	23 42	0 58	2 3	2 23	6 20	0 31	23 23	0 22	4 4	9 41	20 1	19 43	22 3		n.a.
T 3	20 27	25 20	1 54	25 19	1 48	20 9	1 24	1 22	1 13	23 40	0 58	2 5	2 23	6 19	0 31	23 23	0 22	4 4	9 41	20 2	19 43	22 1		n.a.
W 4	20 39	22 9	0 39	25 21	1 44	19 49	1 38	1 38	1 13	23 39	0 58	2 8	2 23	6 18	0 31	23 23	0 22	4 4	9 41	20 2	19 44	21 59		n.a.
T 5	20 51	17 38	0s38	25 21	1 39	19 28	1 52	1 55	1 12	23 37	0 58	2 10	2 23	6 18	0 31	23 23	0 22	4 4	9 41	20 2	19 45	21 57		n.a.
F 6	21 3	12 11	1 52	25 20	1 34	19 7	2 6	2 12	1 12	23 36	0 58	2 12	2 24	6 17	0 31	23 23	0 22	4 3	9 40	20 2	19 46	21 55		n.a.
S 7	21 14	6 12	2 58	25 17	1 29	18 47	2 19	2 29	1 12	23 34	0 58	2 14	2 24	6 17	0 31	23 23	0 22	4 3	9 40	20 2	19 46	21 53		n.a.
S 8	21 25	0 2	3 52	25 12	1 23	18 26	2 33	2 46	1 11	23 33	0 58	2 16	2 24	6 16	0 31	23 23	0 22	4 3	9 40	20 3	19 47	21 51		n.a.
M 9	21 35	6s 1	4 32	25 6	1 16	18 6	2 46	3 2	1 11	23 31	0 58	2 18	2 24	6 16	0 31	23 23	0 22	4 3	9 40	20 3	19 48	21 49		n.a.
T 10	21 45	11 42	4 57	24 59	1 9	17 46	2 58	3 19	1 11	23 30	0 58	2 21	2 24	6 15	0 31	23 23	0 22	4 3	9 39	20 5	19 49	21 46		n.a.
W11	21 55	16 47	5 6	24 50	1 1	17 27	3 10	3 35	1 10	23 28	0 58	2 23	2 24	6 15	0 31	23 24	0 22	4 3	9 39	20 6	19 49	21 44		n.a.
T 12	22 4	21 1	4 59	24 40	0 53	17 8	3 22	3 52	1 10	23 26	0 58	2 25	2 25	6 14	0 31	23 24	0 22	4 2	9 39	20 8	19 50	21 42		n.a.
F 13	22 13	24 12	4 37	24 29	0 45	16 50	3 34	4 8	1 10	23 25	0 58	2 27	2 25	6 14	0 31	23 24	0 22	4 2	9 39	20 10	19 51	21 40		n.a.
S 14	22 22	26 10	4 3	24 17	0 36	16 33	3 44	4 25	1 9	23 23	0 58	2 29	2 25	6 14	0 31	23 24	0 22	4 2	9 38	20 12	19 52	21 38		n.a.
S 15	22 30	26 50	3 17	24 4	0 27	16 16	3 55	4 41	1 9	23 21	0 58	2 30	2 25	6 13	0 31	23 24	0 22	4 2	9 38	20 14	19 52	21 36		n.a.
M16	22 38	26 11	2 24	23 50	0 18	16 0	4 4	4 57	1 8	23 20	0 58	2 32	2 25	6 13	0 31	23 24	0 22	4 2	9 38	20 15	19 53	21 33		n.a.
T 17	22 46	24 20	1 24	23 35	0 8	15 45	4 13	5 13	1 8	23 18	0 58	2 34	2 26	6 12	0 30	23 24	0 22	4 2	9 37	20 16	19 54	21 31		n.a.
W18	22 53	21 25	0 21	23 19	0s 3	15 31	4 22	5 30	1 7	23 16	0 58	2 36	2 26	6 12	0 30	23 24	0 22	4 2	9 37	20 16	19 54	21 29		n.a.
T 19	22 59	17 39	0n43	23 3	0 13	15 18	4 30	5 46	1 7	23 14	0 58	2 38	2 26	6 12	0 30	23 24	0 22	4 2	9 37	20 16	19 55	21 27		n.a.
F 20	23 6	13 10	1 45	22 47	0 24	15 6	4 37	6 1	1 6	23 13	0 58	2 40	2 26	6 11	0 30	23 24	0 22	4 2	9 36	20 16	19 56	21 25		n.a.
S 21	23 11	8 11	2 43	22 30	0 35	14 56	4 44	6 17	1 6	23 11	0 58	2 41	2 26	6 11	0 30	23 24	0 22	4 2	9 36	20 16	19 57	21 22		n.a.
S 22	23 17	2 49	3 35	22 12	0 47	14 46	4 50	6 33	1 6	23 9	0 58	2 43	2 27	6 11	0 30	23 25	0 22	4 1	9 36	20 16	19 57	21 20		n.a.
M23	23 22	2n45	4 18	21 55	0 59	14 37	4 56	6 49	1 5	23 7	0 58	2 45	2 27	6 11	0 30	23 25	0 22	4 1	9 35	20 16	19 58	21 18		n.a.
T 24	23 27	8 21	4 50	21 37	1 11	14 30	5 1	7 4	1 5	23 5	0 58	2 46	2 27	6 10	0 30	23 25	0 22	4 1	9 35	20 16	19 59	21 16		n.a.
W25	23 31	13 47	5 8	21 19	1 23	14 23	5 6	7 20	1 4	23 3	0 58	2 48	2 27	6 10	0 30	23 25	0 22	4 1	9 35	20 17	20 0	21 14		n.a.
T 26	23 35	18 44	5 9	21 2	1 35	14 18	5 10	7 35	1 4	23 1	0 58	2 49	2 28	6 10	0 30	23 25	0 22	4 1	9 34	20 18	20 0	21 11		n.a.
F 27	23 38	22 51	4 53	20 44	1 48	14 13	5 14	7 51	1 3	22 59	0 58	2 51	2 28	6 10	0 30	23 25	0 22	4 1	9 34	20 19	20 1	21 9		n.a.
S 28	23 41	25 41	4 18	20 27	2 0	14 10	5 17	8 6	1 3	22 57	0 58	2 52	2 28	6 10	0 30	23 25	0 22	4 1	9 34	20 20	20 2	21 7		n.a.
S 29	23 44	26 50	3 25	20 11	2 13	14 8	5 19	8 21	1 2	22 55	0 58	2 54	2 28	6 9	0 30	23 25	0 22	4 2	9 33	20 21	20 3	21 5		n.a.
M30	23n46	26n 3	2n17	19n55	2s26	14n 6	5s21	8n36	1s 2	22n53	0n58	2n55	2s28	6s 9	0n30	23n25	0s22	4s 2	9n33	20s22	20s 3	21s 2		n.a.

Julian Day Number = 1278891.5, Delta T = 08h10m03s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'53, Lahiri = -20°40'53 Julian Calendar 1 June 1212 BCE == Greg. Calendar 21 May 1212 BCE

The year -1211 astronomical counting style corresponds to year 1212 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1212 BCE
geocentric

JULY 1212 BCE (-1211) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 51 24	26♊33'35	19♋33	20♋23	24♉57	24♈54	22♋39	13♈ 0	16°R34	26♊12	3°R50	0°R31	1♒55	28♉51	n.a.	T 1
W 2	17 55 20	27°31'08	4♌28	20°38	25° 5	25°33	22°51	13° 4	16♎33	26°14	3♏49	0°D31	1°51	28°58	n.a.	W 2
T 3	17 59 17	28°28'42	19°11	20°47	25°15	26°11	23° 3	13° 8	16°33	26°17	3°48	0♒31	1°48	29° 4	n.a.	T 3
F 4	18 3 13	29°26'17	3♍37	20°R51	25°27	26°50	23°16	13°12	16°33	26°19	3°48	0°33	1°45	29°11	n.a.	F 4
S 5	18 7 10	0♋23'53	17°43	20°50	25°41	27°28	23°28	13°15	16°33	26°21	3°47	0°34	1°42	29°18	n.a.	S 5
S 6	18 11 6	1°21'31	1♎29	20°44	25°56	28° 7	23°41	13°19	16°33	26°23	3°46	0°R35	1°39	29°24	n.a.	S 6
M 7	18 15 3	2°19'09	14°55	20°32	26°14	28°45	23°53	13°22	16°D33	26°25	3°46	0°34	1°36	29°31	n.a.	M 7
T 8	18 19 0	3°16'49	28° 2	20°14	26°34	29°23	24° 6	13°25	16°33	26°28	3°45	0°32	1°32	29°38	n.a.	T 8
W 9	18 22 56	4°14'30	10♏52	19°51	26°55	0♉ 1	24°19	13°29	16°33	26°30	3°44	0°29	1°29	29°44	n.a.	W 9
T 10	18 26 53	5°12'12	23°28	19°22	27°18	0°39	24°31	13°32	16°33	26°32	3°44	0°25	1°26	29°51	n.a.	T 10
F 11	18 30 49	6° 9'56	5♐52	18°48	27°43	1°17	24°44	13°35	16°33	26°34	3°43	0°21	1°23	29°58	n.a.	F 11
S 12	18 34 46	7° 7'41	18° 4	18°10	28° 9	1°55	24°57	13°38	16°33	26°37	3°43	0°18	1°20	0♓ 4	n.a.	S 12
S 13	18 38 42	8° 5'28	0♑ 7	17°26	28°37	2°32	25° 9	13°41	16°34	26°39	3°42	0°15	1°16	0°11	n.a.	S 13
M14	18 42 39	9° 3'16	12° 3	16°39	29° 7	3°10	25°22	13°43	16°34	26°41	3°42	0°12	1°13	0°18	n.a.	M14
T 15	18 46 35	10° 1'06	23°54	15°49	29°38	3°47	25°35	13°46	16°34	26°43	3°42	0°11	1°10	0°24	n.a.	T 15
W16	18 50 32	10°58'58	5♒41	14°56	0♊10	4°24	25°48	13°49	16°35	26°45	3°41	0°D11	1° 7	0°31	n.a.	W16
T 17	18 54 29	11°56'51	17°29	14° 3	0°44	5° 1	26° 0	13°51	16°35	26°47	3°41	0°12	1° 4	0°38	n.a.	T 17
F 18	18 58 25	12°54'46	29°18	13° 8	1°19	5°38	26°13	13°53	16°36	26°50	3°41	0°13	1° 1	0°44	n.a.	F 18
S 19	19 2 22	13°52'43	11♓14	12°15	1°56	6°15	26°26	13°56	16°36	26°52	3°40	0°15	0°57	0°51	n.a.	S 19
S 20	19 6 18	14°50'42	23°21	11°23	2°33	6°52	26°39	13°58	16°37	26°54	3°40	0°16	0°54	0°57	n.a.	S 20
M21	19 10 15	15°48'44	5♈41	10°35	3°12	7°29	26°52	14° 0	16°38	26°56	3°40	0°17	0°51	1° 4	n.a.	M21
T 22	19 14 11	16°46'47	18°20	9°51	3°52	8° 5	27° 5	14° 2	16°39	26°58	3°40	0°R17	0°48	1°11	n.a.	T 22
W23	19 18 8	17°44'52	1♉22	9°12	4°33	8°41	27°18	14° 4	16°39	27° 0	3°40	0°17	0°45	1°17	n.a.	W23
T 24	19 22 4	18°42'59	14°50	8°38	5°15	9°18	27°31	14° 5	16°40	27° 2	3°39	0°16	0°41	1°24	n.a.	T 24
F 25	19 26 1	19°41'09	28°45	8°12	5°58	9°54	27°44	14° 7	16°41	27° 4	3°39	0°15	0°38	1°31	n.a.	F 25
S 26	19 29 58	20°39'21	13♊ 6	7°54	6°42	10°30	27°57	14° 9	16°42	27° 7	3°39	0°14	0°35	1°37	n.a.	S 26
S 27	19 33 54	21°37'35	27°50	7°43	7°27	11° 6	28°10	14°10	16°43	27° 9	3°D39	0°13	0°32	1°44	n.a.	S 27
M28	19 37 51	22°35'51	12♋52	7°D41	8°13	11°41	28°23	14°11	16°44	27°11	3°39	0°12	0°29	1°51	n.a.	M28
T 29	19 41 47	23°34'09	28° 3	7°47	9° 0	12°17	28°36	14°12	16°45	27°13	3°39	0°D12	0°26	1°57	n.a.	T 29
W30	19 45 44	24°32'29	13♌12	8° 3	9°47	12°52	28°49	14°14	16°46	27°15	3°39	0°12	0°22	2° 4	n.a.	W30
T 31	19 49 40	25♋30'51	28♌12	8♋27	10♊36	13♉27	29♋ 2	14♈14	16♎48	27♊17	3♏40	0♒12	0♒19	2♒11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n48	23n22	1n 0	19n39	2s38	14n 6	5s23	8n51	1s 1	22n51	0n58	2n56	2s29	6s 9	0n30	23n25	0s22	4s 2	9n33	20s23	20s 4	21s 0			n.a.
W 2	23 49	19 7	0s22	19 25	2 51	14 6	5 24	9 6	1 0	22 49	0 58	2 58	2 29	6 9	0 30	23 25	0 22	4 2	9 32	20 23	20 5	20 58			n.a.
T 3	23 50	13 44	1 41	19 11	3 3	14 8	5 25	9 21	1 0	22 47	0 58	2 59	2 29	6 9	0 30	23 25	0 22	4 2	9 32	20 23	20 5	20 56			n.a.
F 4	23 50	7 41	2 52	18 59	3 15	14 10	5 26	9 35	0 59	22 45	0 58	3 0	2 29	6 9	0 30	23 25	0 22	4 2	9 32	20 22	20 6	20 53			n.a.
S 5	23 50	1 24	3 50	18 47	3 27	14 13	5 26	9 50	0 59	22 43	0 58	3 2	2 30	6 9	0 30	23 26	0 22	4 2	9 31	20 22	20 7	20 51			n.a.
S 6	23 50	4s47	4 34	18 37	3 38	14 17	5 26	10 4	0 58	22 41	0 58	3 3	2 30	6 9	0 30	23 26	0 22	4 2	9 31	20 22	20 8	20 49			n.a.
M 7	23 49	10 36	5 2	18 29	3 48	14 22	5 26	10 19	0 58	22 38	0 58	3 4	2 30	6 9	0 30	23 26	0 22	4 2	9 31	20 22	20 8	20 47			n.a.
T 8	23 48	15 49	5 14	18 22	3 58	14 27	5 25	10 33	0 57	22 36	0 58	3 5	2 30	6 9	0 30	23 26	0 22	4 2	9 30	20 22	20 9	20 44			n.a.
W 9	23 46	20 13	5 9	18 17	4 7	14 33	5 24	10 47	0 56	22 34	0 58	3 6	2 31	6 9	0 30	23 26	0 22	4 3	9 30	20 23	20 10	20 42			n.a.
T 10	23 44	23 36	4 49	18 13	4 14	14 39	5 22	11 1	0 56	22 32	0 58	3 7	2 31	6 9	0 30	23 26	0 22	4 3	9 29	20 24	20 10	20 40			n.a.
F 11	23 42	25 50	4 16	18 11	4 21	14 46	5 21	11 15	0 55	22 29	0 58	3 8	2 31	6 9	0 30	23 26	0 22	4 3	9 29	20 25	20 11	20 37			n.a.
S 12	23 39	26 48	3 32	18 12	4 26	14 54	5 19	11 29	0 55	22 27	0 58	3 9	2 31	6 10	0 30	23 26	0 22	4 3	9 29	20 26	20 12	20 35			n.a.
S 13	23 35	26 29	2 38	18 14	4 30	15 2	5 17	11 43	0 54	22 25	0 58	3 10	2 32	6 10	0 30	23 26	0 22	4 3	9 28	20 26	20 13	20 33			n.a.
M14	23 31	24 55	1 38	18 17	4 32	15 11	5 15	11 56	0 53	22 22	0 58	3 11	2 32	6 10	0 30	23 26	0 22	4 4	9 28	20 27	20 13	20 30			n.a.
T 15	23 27	22 15	0 35	18 23	4 32	15 20	5 12	12 10	0 53	22 20	0 58	3 11	2 32	6 10	0 30	23 26	0 22	4 4	9 27	20 27	20 14	20 28			n.a.
W16	23 23	18 40	0n30	18 31	4 30	15 29	5 9	12 23	0 52	22 18	0 58	3 12	2 32	6 10	0 30	23 26	0 22	4 4	9 27	20 27	20 15	20 26			n.a.
T 17	23 18	14 22	1 34	18 40	4 26	15 39	5 6	12 36	0 51	22 15	0 58	3 13	2 33	6 10	0 29	23 26	0 22	4 4	9 27	20 27	20 15	20 23			n.a.
F 18	23 12	9 30	2 34	18 51	4 21	15 49	5 3	12 50	0 51	22 13	0 58	3 14	2 33	6 11	0 29	23 26	0 22	4 5	9 26	20 26	20 16	20 21			n.a.
S 19	23 6	4 16	3 28	19 3	4 14	16 0	5 0	13 3	0 50	22 10	0 58	3 14	2 33	6 11	0 29	23 27	0 22	4 5	9 26	20 26	20 17	20 19			n.a.
S 20	23 0	1n11	4 14	19 17	4 4	16 10	4 57	13 16	0 49	22 8	0 58	3 15	2 33	6 11	0 29	23 27	0 22	4 5	9 26	20 26	20 18	20 17			n.a.
M21	22 53	6 42	4 48	19 32	3 53	16 21	4 53	13 28	0 49	22 5	0 58	3 15	2 34	6 12	0 29	23 27	0 22	4 5	9 25	20 26	20 18	20 14			n.a.
T 22	22 46	12 4	5 10	19 48	3 41	16 32	4 49	13 41	0 48	22 3	0 58	3 16	2 34	6 12	0 29	23 27	0 22	4 6	9 25	20 26	20 19	20 12			n.a.
W23	22 38	17 5	5 17	20 5	3 27	16 44	4 46	13 54	0 47	22 0	0 58	3 16	2 34	6 12	0 29	23 27	0 22	4 6	9 24	20 26	20 20	20 9			n.a.
T 24	22 30	21 26	5 7	20 22	3 11	16 55	4 42	14 6	0 46	21 58	0 58	3 17	2 34	6 13	0 29	23 27	0 22	4 6	9 24	20 26	20 20	20 7			n.a.
F 25	22 22	24 44	4 39	20 40	2 55	17 7	4 38	14 18	0 46	21 55	0 59	3 17	2 35	6 13	0 29	23 27	0 22	4 7	9 24	20 26	20 21	20 5			n.a.
S 26	22 13	26 36	3 53	20 58	2 38	17 18	4 33	14 30	0 45	21 52	0 59	3 18	2 35	6 13	0 29	23 27	0 22	4 7	9 23	20 26	20 22	20 2			n.a.
S 27	22 4	26 40	2 50	21 16	2 21	17 30	4 29	14 42	0 44	21 50	0 59	3 18	2 35	6 14	0 29	23 27	0 22	4 8	9 23	20 27	20 22	20 0			n.a.
M28	21 55	24 47	1 35	21 34	2 3	17 41	4 25	14 54	0 43	21 47	0 59	3 18	2 35	6 14	0 29	23 27	0 22	4 8	9 22	20 27	20 23	19 58			n.a.
T 29	21 45	21 6	0 12	21 52	1 45	17 53	4 20	15 6	0 43	21 45	0 59	3 18	2 36	6 15	0 29	23 27	0 22	4 8	9 22	20 27	20 24	19 55			n.a.
W30	21 34	15 59	1s12	22 9	1 27	18 5	4 16	15 18	0 42	21 42	0 59	3 19	2 36	6 15	0 29	23 27	0 22	4 9	9 22	20 27	20 24	19 53			n.a.
T 31	21n24	9n58	2s30	22n25	1s 9	18n16	4s11	15n29	0s41	21n39	0n59	3n19	2s36	6s16	0n29	23n27	0s22	4s 9	9n21	20s27	20s25	19s51			n.a.

Julian Day Number = 1278921.5, Delta T = 08h10m01s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'49, Lahiri = -20°40'49 Julian Calendar 1 July 1212 BCE == Greg. Calendar 20 June 1212 BCE

The year -1211 astronomical counting style corresponds to year 1212 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1212 BCE
geocentric

AUGUST 1212 BCE (-1211) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 53 37	26♋29'14	12♍55	8♋59	11♊25	14♉ 2	29♋15	14♈15	16♎49	27♊19	3♏40	0♒12	0♒16	2♒17	n.a.	F 1
S 2	19 57 33	27°27'39	27°15	9°40	12°15	14°37	29°28	14°16	16°50	27°21	3°40	0°13	0°13	2°24	n.a.	S 2
S 3	20 1 30	28°26'06	11♎10	10°29	13° 5	15°12	29°41	14°17	16°52	27°23	3°40	0°13	0°10	2°31	n.a.	S 3
M 4	20 5 26	29°24'34	24°39	11°26	13°56	15°47	29°54	14°17	16°53	27°25	3°40	0°13	0° 7	2°37	n.a.	M 4
T 5	20 9 23	0♏23'05	7♏45	12°30	14°48	16°21	0♏ 7	14°18	16°55	27°27	3°41	0°13	0° 3	2°44	n.a.	T 5
W 6	20 13 20	1°21'37	20°29	13°41	15°41	16°55	0°20	14°18	16°56	27°29	3°41	0°13	0° 0	2°50	n.a.	W 6
T 7	20 17 16	2°20'11	2♐55	14°58	16°34	17°30	0°33	14°18	16°58	27°31	3°41	0°13	29♑57	2°57	n.a.	T 7
F 8	20 21 13	3°18'47	15° 7	16°20	17°28	18° 3	0°46	14°R18	16°59	27°32	3°42	0°13	29°54	3° 4	n.a.	F 8
S 9	20 25 9	4°17'25	27° 9	17°48	18°23	18°37	0°59	14°18	17° 1	27°34	3°42	0°14	29°51	3°10	n.a.	S 9
S 10	20 29 6	5°16'05	9♑ 3	19°20	19°18	19°11	1°13	14°18	17° 3	27°36	3°43	0°14	29°47	3°17	n.a.	S 10
M11	20 33 2	6°14'46	20°53	20°56	20°13	19°44	1°26	14°18	17° 4	27°38	3°43	0°15	29°44	3°24	n.a.	M11
T 12	20 36 59	7°13'30	2♒41	22°35	21°10	20°18	1°39	14°17	17° 6	27°40	3°44	0°R15	29°41	3°30	n.a.	T 12
W13	20 40 55	8°12'16	14°29	24°17	22° 6	20°51	1°52	14°17	17° 8	27°42	3°44	0°15	29°38	3°37	n.a.	W13
T 14	20 44 52	9°11'04	26°20	26° 1	23° 4	21°24	2° 5	14°16	17°10	27°43	3°45	0°14	29°35	3°44	n.a.	T 14
F 15	20 48 49	10° 9'54	8♓15	27°47	24° 1	21°56	2°18	14°16	17°12	27°45	3°45	0°13	29°32	3°50	n.a.	F 15
S 16	20 52 45	11° 8'46	20°18	29°34	24°59	22°29	2°31	14°15	17°14	27°47	3°46	0°11	29°28	3°57	n.a.	S 16
S 17	20 56 42	12° 7'41	2♈30	1♎23	25°58	23° 1	2°44	14°14	17°16	27°49	3°47	0° 9	29°25	4° 4	n.a.	S 17
M18	21 0 38	13° 6'38	14°55	3°12	26°57	23°34	2°57	14°13	17°18	27°50	3°47	0° 8	29°22	4°10	n.a.	M18
T 19	21 4 35	14° 5'38	27°35	5° 2	27°57	24° 6	3°10	14°12	17°20	27°52	3°48	0° 7	29°19	4°17	n.a.	T 19
W20	21 8 31	15° 4'40	10♉34	6°51	28°57	24°37	3°23	14°11	17°22	27°54	3°49	0°D 6	29°16	4°23	n.a.	W20
T 21	21 12 28	16° 3'44	23°54	8°41	29°57	25° 9	3°35	14° 9	17°24	27°55	3°50	0° 6	29°13	4°30	n.a.	T 21
F 22	21 16 24	17° 2'51	7♊38	10°31	0♋58	25°40	3°48	14° 8	17°27	27°57	3°50	0° 7	29° 9	4°37	n.a.	F 22
S 23	21 20 21	18° 2'01	21°46	12°20	1°59	26°12	4° 1	14° 6	17°29	27°58	3°51	0° 8	29° 6	4°43	n.a.	S 23
S 24	21 24 17	19° 1'13	6♋17	14° 9	3° 1	26°43	4°14	14° 5	17°31	28° 0	3°52	0° 9	29° 3	4°50	n.a.	S 24
M25	21 28 14	20° 0'27	21° 8	15°58	4° 3	27°13	4°27	14° 3	17°34	28° 2	3°53	0°10	29° 0	4°57	n.a.	M25
T 26	21 32 11	20°59'44	6♌12	17°46	5° 5	27°44	4°40	14° 1	17°36	28° 3	3°54	0°R10	28°57	5° 3	n.a.	T 26
W27	21 36 7	21°59'03	21°22	19°33	6° 8	28°14	4°53	13°59	17°38	28° 5	3°55	0° 9	28°53	5°10	n.a.	W27
T 28	21 40 4	22°58'24	6♍28	21°19	7°11	28°44	5° 5	13°57	17°41	28° 6	3°56	0° 7	28°50	5°17	n.a.	T 28
F 29	21 44 0	23°57'47	21°20	23° 5	8°14	29°14	5°18	13°55	17°43	28° 7	3°57	0° 4	28°47	5°23	n.a.	F 29
S 30	21 47 57	24°57'13	5♎52	24°50	9°18	29°44	5°31	13°52	17°46	28° 9	3°58	0° 1	28°44	5°30	n.a.	S 30
S 31	21 51 53	25♌56'40	19♎57	26♌35	10♋21	0♊13	5♌43	13♈50	17♎49	28♊10	3♏59	29♑57	28♑41	5♒37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n12	3n30	3s36	22n40	0s52	18n28	4s 6	15n41	0s40	21n36	0n59	3n19	2s37	6s16	0n29	23n27	0s22	4s10	9n21	20s27	20s26	19s48		n.a.
S 2	21 1	2s58	4 27	22 54	0 35	18 39	4 1	15 52	0 39	21 34	0 59	3 19	2 37	6 17	0 29	23 27	0 22	4 10	9 20	20 27	20 27	19 46		n.a.
S 3	20 49	9 5	5 1	23 6	0 19	18 50	3 56	16 3	0 39	21 31	0 59	3 19	2 37	6 17	0 29	23 27	0 22	4 10	9 20	20 27	20 27	19 43		n.a.
M 4	20 37	14 36	5 16	23 17	0 4	19 2	3 51	16 14	0 38	21 28	0 59	3 19	2 37	6 18	0 29	23 27	0 21	4 11	9 19	20 27	20 28	19 41		n.a.
T 5	20 24	19 17	5 15	23 25	0n11	19 12	3 46	16 25	0 37	21 26	0 59	3 19	2 38	6 18	0 29	23 27	0 21	4 11	9 19	20 27	20 29	19 39		n.a.
W 6	20 11	22 57	4 58	23 32	0 25	19 23	3 41	16 36	0 36	21 23	0 59	3 19	2 38	6 19	0 29	23 27	0 21	4 12	9 19	20 27	20 29	19 36		n.a.
T 7	19 58	25 28	4 28	23 36	0 37	19 34	3 36	16 46	0 35	21 20	0 59	3 18	2 38	6 20	0 29	23 27	0 21	4 12	9 18	20 26	20 30	19 34		n.a.
F 8	19 44	26 44	3 45	23 38	0 49	19 44	3 31	16 57	0 34	21 17	0 59	3 18	2 38	6 20	0 29	23 28	0 21	4 13	9 18	20 26	20 31	19 31		n.a.
S 9	19 30	26 42	2 54	23 37	0 59	19 54	3 26	17 7	0 34	21 14	0 59	3 18	2 39	6 21	0 29	23 28	0 21	4 13	9 17	20 26	20 31	19 29		n.a.
S 10	19 16	25 26	1 55	23 33	1 9	20 4	3 21	17 17	0 33	21 11	0 59	3 18	2 39	6 22	0 29	23 28	0 21	4 14	9 17	20 26	20 32	19 27		n.a.
M11	19 1	23 2	0 52	23 27	1 17	20 13	3 15	17 27	0 32	21 9	1 0	3 17	2 39	6 22	0 29	23 28	0 21	4 14	9 17	20 26	20 33	19 24		n.a.
T 12	18 46	19 40	0n14	23 18	1 25	20 23	3 10	17 37	0 31	21 6	1 0	3 17	2 39	6 23	0 29	23 28	0 21	4 15	9 16	20 26	20 33	19 22		n.a.
W13	18 31	15 31	1 18	23 7	1 31	20 32	3 5	17 47	0 30	21 3	1 0	3 17	2 40	6 24	0 29	23 28	0 21	4 16	9 16	20 26	20 34	19 19		n.a.
T 14	18 15	10 46	2 20	22 53	1 37	20 40	2 59	17 57	0 29	21 0	1 0	3 16	2 40	6 25	0 29	23 28	0 21	4 16	9 15	20 26	20 35	19 17		n.a.
F 15	17 59	5 36	3 16	22 36	1 41	20 48	2 54	18 6	0 28	20 57	1 0	3 16	2 40	6 25	0 29	23 28	0 21	4 17	9 15	20 27	20 35	19 14		n.a.
S 16	17 43	0 11	4 3	22 17	1 45	20 56	2 49	18 16	0 27	20 54	1 0	3 15	2 40	6 26	0 28	23 28	0 21	4 17	9 15	20 27	20 36	19 12		n.a.
S 17	17 27	5n17	4 41	21 56	1 48	21 3	2 43	18 25	0 26	20 51	1 0	3 14	2 41	6 27	0 28	23 28	0 21	4 18	9 14	20 27	20 37	19 9		n.a.
M18	17 10	10 39	5 6	21 33	1 50	21 10	2 38	18 34	0 25	20 48	1 0	3 14	2 41	6 28	0 28	23 28	0 21	4 19	9 14	20 28	20 37	19 7		n.a.
T 19	16 52	15 41	5 16	21 7	1 51	21 17	2 32	18 43	0 24	20 45	1 0	3 13	2 41	6 29	0 28	23 28	0 21	4 19	9 13	20 28	20 38	19 5		n.a.
W20	16 35	20 9	5 11	20 40	1 51	21 23	2 27	18 52	0 23	20 42	1 0	3 12	2 41	6 30	0 28	23 28	0 21	4 20	9 13	20 28	20 39	19 2		n.a.
T 21	16 17	23 44	4 50	20 11	1 51	21 29	2 22	19 1	0 22	20 39	1 0	3 12	2 42	6 31	0 28	23 28	0 21	4 20	9 13	20 28	20 39	19 0		n.a.
F 22	15 59	26 5	4 11	19 40	1 50	21 34	2 16	19 10	0 21	20 36	1 1	3 11	2 42	6 31	0 28	23 28	0 21	4 21	9 12	20 28	20 40	18 57		n.a.
S 23	15 41	26 51	3 17	19 7	1 49	21 39	2 11	19 18	0 20	20 33	1 1	3 10	2 42	6 32	0 28	23 28	0 21	4 22	9 12	20 28	20 41	18 55		n.a.
S 24	15 22	25 49	2 8	18 34	1 47	21 43	2 5	19 26	0 19	20 30	1 1	3 9	2 42	6 33	0 28	23 28	0 21	4 22	9 12	20 27	20 41	18 52		n.a.
M25	15 3	22 58	0 50	17 59	1 45	21 47	2 0	19 35	0 18	20 27	1 1	3 8	2 43	6 34	0 28	23 28	0 21	4 23	9 11	20 27	20 42	18 50		n.a.
T 26	14 44	18 30	0s33	17 23	1 42	21 50	1 55	19 43	0 17	20 24	1 1	3 7	2 43	6 35	0 28	23 28	0 21	4 24	9 11	20 27	20 43	18 47		n.a.
W27	14 25	12 49	1 54	16 46	1 39	21 53	1 49	19 51	0 16	20 21	1 1	3 6	2 43	6 36	0 28	23 28	0 21	4 24	9 10	20 27	20 43	18 45		n.a.
T 28	14 5	6 24	3 7	16 8	1 35	21 55	1 44	19 58	0 15	20 18	1 1	3 5	2 43	6 37	0 28	23 28	0 21	4 25	9 10	20 28	20 44	18 42		n.a.
F 29	13 45	0s16	4 6	15 29	1 31	21 56	1 38	20 6	0 14	20 15	1 1	3 4	2 44	6 38	0 28	23 28	0 21	4 26	9 10	20 28	20 45	18 40		n.a.
S 30	13 25	6 45	4 47	14 49	1 27	21 58	1 33	20 14	0 12	20 12	1 1	3 3	2 44	6 39	0 28	23 28	0 21	4 27	9 9	20 29	20 45	18 37		n.a.
S 31	13n 5	12s41	5s10	14n 9	1n22	21n58	1s28	20n21	0s11	20n 9	1n 1	3n 2	2s44	6s40	0n28	23n28	0s21	4s27	9n 9	20s30	20s46	18s35		n.a.

Julian Day Number = 1278952.5, Delta T = 08h10m00s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'45, Lahiri = -20°40'44 Julian Calendar 1 Aug. 1212 BCE == Greg. Calendar 21 July 1212 BCE

The year -1211 astronomical counting style corresponds to year 1212 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1212 BCE
geocentric

SEPTEMBER 1212 BCE (-1211) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 55 50	26♌56'09	3♏35	28♌18	11♋26	0♊42	5♌56	13°R47	17♎51	28♊12	4♏ 0	29°R54	28♑38	5♒43	n.a.	M 1
T 2	21 59 46	27°55'40	16°45	0♍ 1	12°30	1°11	6° 9	13♈45	17°54	28°13	4° 2	29♑53	28°34	5°50	n.a.	T 2
W 3	22 3 43	28°55'13	29°30	1°43	13°35	1°40	6°21	13°42	17°57	28°14	4° 3	29°D52	28°31	5°57	n.a.	W 3
T 4	22 7 40	29°54'48	11♐54	3°25	14°40	2° 8	6°34	13°39	17°59	28°15	4° 4	29°53	28°28	6° 3	n.a.	T 4
F 5	22 11 36	0♍54'25	24° 2	5° 5	15°45	2°36	6°46	13°36	18° 2	28°17	4° 5	29°54	28°25	6°10	n.a.	F 5
S 6	22 15 33	1°54'04	5♑59	6°45	16°51	3° 4	6°59	13°34	18° 5	28°18	4° 7	29°56	28°22	6°16	n.a.	S 6
S 7	22 19 29	2°53'44	17°48	8°25	17°57	3°31	7°11	13°30	18° 8	28°19	4° 8	29°58	28°19	6°23	n.a.	S 7
M 8	22 23 26	3°53'27	29°35	10° 3	19° 3	3°58	7°23	13°27	18°11	28°20	4° 9	29°R58	28°15	6°30	n.a.	M 8
T 9	22 27 22	4°53'12	11♒23	11°41	20° 9	4°25	7°36	13°24	18°14	28°21	4°11	29°57	28°12	6°36	n.a.	T 9
W10	22 31 19	5°52'58	23°15	13°18	21°16	4°52	7°48	13°21	18°17	28°22	4°12	29°55	28° 9	6°43	n.a.	W10
T 11	22 35 15	6°52'47	5♓13	14°55	22°23	5°18	8° 0	13°17	18°20	28°24	4°13	29°51	28° 6	6°50	n.a.	T 11
F 12	22 39 12	7°52'38	17°19	16°31	23°30	5°45	8°12	13°14	18°23	28°25	4°15	29°45	28° 3	6°56	n.a.	F 12
S 13	22 43 8	8°52'30	29°34	18° 6	24°37	6°10	8°25	13°10	18°26	28°26	4°16	29°38	27°59	7° 3	n.a.	S 13
S 14	22 47 5	9°52'25	12♈ 0	19°41	25°45	6°36	8°37	13° 7	18°29	28°27	4°18	29°30	27°56	7°10	n.a.	S 14
M15	22 51 2	10°52'23	24°37	21°15	26°52	7° 1	8°49	13° 3	18°32	28°27	4°19	29°23	27°53	7°16	n.a.	M15
T 16	22 54 58	11°52'22	7♉26	22°48	28° 0	7°26	9° 1	12°59	18°35	28°28	4°21	29°17	27°50	7°23	n.a.	T 16
W17	22 58 55	12°52'24	20°30	24°21	29° 8	7°50	9°13	12°55	18°38	28°29	4°22	29°13	27°47	7°30	n.a.	W17
T 18	23 2 51	13°52'28	3♊49	25°54	0♌17	8°14	9°24	12°51	18°41	28°30	4°24	29°11	27°44	7°36	n.a.	T 18
F 19	23 6 48	14°52'35	17°25	27°26	1°25	8°38	9°36	12°47	18°45	28°31	4°26	29°D10	27°40	7°43	n.a.	F 19
S 20	23 10 44	15°52'44	1♋20	28°57	2°34	9° 1	9°48	12°43	18°48	28°32	4°27	29°11	27°37	7°50	n.a.	S 20
S 21	23 14 41	16°52'55	15°33	0♎28	3°43	9°24	10° 0	12°39	18°51	28°32	4°29	29°12	27°34	7°56	n.a.	S 21
M22	23 18 37	17°53'08	0♌ 3	1°59	4°52	9°47	10°11	12°35	18°54	28°33	4°31	29°R13	27°31	8° 3	n.a.	M22
T 23	23 22 34	18°53'24	14°48	3°29	6° 2	10° 9	10°23	12°30	18°58	28°34	4°32	29°12	27°28	8° 9	n.a.	T 23
W24	23 26 31	19°53'42	29°41	4°58	7°11	10°31	10°34	12°26	19° 1	28°35	4°34	29° 8	27°25	8°16	n.a.	W24
T 25	23 30 27	20°54'01	14♍35	6°27	8°21	10°53	10°46	12°22	19° 4	28°35	4°36	29° 3	27°21	8°23	n.a.	T 25
F 26	23 34 24	21°54'23	29°22	7°56	9°31	11°14	10°57	12°17	19° 8	28°36	4°38	28°55	27°18	8°29	n.a.	F 26
S 27	23 38 20	22°54'46	13♎53	9°23	10°40	11°34	11° 8	12°13	19°11	28°36	4°39	28°46	27°15	8°36	n.a.	S 27
S 28	23 42 17	23°55'11	28° 2	10°51	11°51	11°54	11°20	12° 8	19°15	28°37	4°41	28°37	27°12	8°43	n.a.	S 28
M29	23 46 13	24°55'38	11♏44	12°17	13° 1	12°14	11°31	12° 3	19°18	28°37	4°43	28°29	27° 9	8°49	n.a.	M29
T 30	23 50 10	25♍56'06	25♏ 0	13♎43	14♌11	12♊33	11♌42	11♈59	19♎22	28♊38	4♏45	28♑22	27♑ 5	8♒56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	12n44	17s49	5s14	13n28	1n17	21n58	1s23	20n29	0s10	20n 6	1n 2	3n 1	2s44	6s41	0n28	23n28	0s21	4s28	9n 8	20s31	20s47	18s32			n.a.
T 2	12 24	21 55	5 1	12 46	1 12	21 57	1 17	20 36	0 9	20 3	1 2	3 0	2 44	6 42	0 28	23 28	0 21	4 29	9 8	20 31	20 47	18 30			n.a.
W 3	12 3	24 49	4 33	12 5	1 7	21 56	1 12	20 43	0 8	20 0	1 2	2 58	2 45	6 43	0 28	23 28	0 21	4 29	9 8	20 31	20 48	18 27			n.a.
T 4	11 41	26 27	3 54	11 22	1 1	21 54	1 7	20 50	0 7	19 57	1 2	2 57	2 45	6 44	0 28	23 28	0 21	4 30	9 7	20 31	20 49	18 25			n.a.
F 5	11 20	26 46	3 4	10 40	0 55	21 52	1 2	20 57	0 5	19 53	1 2	2 56	2 45	6 46	0 28	23 28	0 21	4 31	9 7	20 31	20 49	18 22			n.a.
S 6	10 58	25 50	2 8	9 57	0 50	21 49	0 57	21 3	0 4	19 50	1 2	2 54	2 45	6 47	0 28	23 28	0 21	4 32	9 7	20 30	20 50	18 20			n.a.
S 7	10 37	23 44	1 6	9 13	0 43	21 45	0 52	21 10	0 3	19 47	1 2	2 53	2 45	6 48	0 28	23 28	0 21	4 32	9 6	20 30	20 51	18 17			n.a.
M 8	10 15	20 37	0 2	8 30	0 37	21 41	0 47	21 16	0 2	19 44	1 2	2 52	2 46	6 49	0 28	23 28	0 21	4 33	9 6	20 30	20 51	18 15			n.a.
T 9	9 53	16 40	1n 2	7 46	0 31	21 36	0 42	21 23	0 0	19 41	1 3	2 50	2 46	6 50	0 28	23 28	0 21	4 34	9 6	20 30	20 52	18 12			n.a.
W10	9 30	12 3	2 4	7 3	0 25	21 31	0 37	21 29	0n 1	19 38	1 3	2 49	2 46	6 51	0 28	23 28	0 21	4 35	9 5	20 30	20 53	18 10			n.a.
T 11	9 8	6 58	3 0	6 19	0 18	21 25	0 32	21 35	0 2	19 35	1 3	2 47	2 46	6 52	0 28	23 28	0 21	4 36	9 5	20 31	20 53	18 7			n.a.
F 12	8 45	1 35	3 49	5 35	0 12	21 18	0 28	21 41	0 4	19 32	1 3	2 46	2 46	6 54	0 28	23 28	0 21	4 36	9 5	20 33	20 54	18 5			n.a.
S 13	8 23	3n55	4 28	4 51	0 5	21 11	0 23	21 47	0 5	19 29	1 3	2 44	2 46	6 55	0 28	23 28	0 21	4 37	9 4	20 34	20 55	18 2			n.a.
S 14	8 0	9 20	4 55	4 8	0s 2	21 3	0 18	21 53	0 6	19 26	1 3	2 43	2 47	6 56	0 28	23 28	0 21	4 38	9 4	20 36	20 55	17 59			n.a.
M15	7 37	14 27	5 8	3 24	0 9	20 55	0 14	21 58	0 8	19 23	1 3	2 41	2 47	6 57	0 28	23 28	0 21	4 39	9 4	20 37	20 56	17 57			n.a.
T 16	7 13	19 2	5 6	2 40	0 15	20 46	0 9	22 4	0 9	19 20	1 4	2 39	2 47	6 59	0 28	23 28	0 21	4 40	9 3	20 38	20 57	17 54			n.a.
W17	6 50	22 48	4 48	1 57	0 22	20 36	0 5	22 9	0 11	19 16	1 4	2 38	2 47	7 0	0 28	23 29	0 21	4 41	9 3	20 39	20 57	17 52			n.a.
T 18	6 27	25 26	4 15	1 13	0 29	20 26	0 0	22 15	0 12	19 13	1 4	2 36	2 47	7 1	0 28	23 29	0 21	4 41	9 3	20 40	20 58	17 49			n.a.
F 19	6 3	26 40	3 26	0 30	0 35	20 15	0n 4	22 20	0 14	19 10	1 4	2 34	2 47	7 2	0 28	23 29	0 21	4 42	9 2	20 40	20 58	17 47			n.a.
S 20	5 40	26 15	2 25	0s13	0 42	20 3	0 8	22 25	0 15	19 7	1 4	2 32	2 47	7 4	0 28	23 29	0 21	4 43	9 2	20 40	20 59	17 44			n.a.
S 21	5 16	24 8	1 13	0 56	0 49	19 51	0 13	22 30	0 17	19 4	1 4	2 31	2 48	7 5	0 28	23 29	0 21	4 44	9 2	20 40	21 0	17 42			n.a.
M22	4 52	20 24	0s 5	1 39	0 55	19 38	0 17	22 35	0 18	19 1	1 5	2 29	2 48	7 6	0 28	23 29	0 21	4 45	9 1	20 39	21 0	17 39			n.a.
T 23	4 28	15 21	1 23	2 21	1 2	19 25	0 21	22 40	0 20	18 58	1 5	2 27	2 48	7 7	0 28	23 29	0 21	4 46	9 1	20 40	21 1	17 36			n.a.
W24	4 4	9 20	2 37	3 3	1 8	19 11	0 25	22 45	0 21	18 55	1 5	2 25	2 48	7 9	0 28	23 29	0 21	4 46	9 1	20 40	21 2	17 34			n.a.
T 25	3 40	2 48	3 39	3 45	1 15	18 57	0 29	22 50	0 23	18 52	1 5	2 24	2 48	7 10	0 27	23 29	0 21	4 47	9 0	20 42	21 2	17 31			n.a.
F 26	3 16	3s48	4 27	4 26	1 21	18 42	0 33	22 54	0 24	18 49	1 5	2 22	2 48	7 11	0 27	23 29	0 21	4 48	9 0	20 43	21 3	17 29			n.a.
S 27	2 51	10 5	4 56	5 7	1 27	18 26	0 36	22 59	0 26	18 46	1 5	2 20	2 48	7 13	0 27	23 29	0 21	4 49	9 0	20 45	21 4	17 26			n.a.
S 28	2 27	15 41	5 6	5 47	1 33	18 10	0 40	23 3	0 28	18 43	1 6	2 18	2 48	7 14	0 27	23 29	0 21	4 50	9 0	20 47	21 4	17 23			n.a.
M29	2 3	20 19	4 58	6 27	1 39	17 53	0 44	23 7	0 29	18 40	1 6	2 16	2 48	7 15	0 27	23 29	0 21	4 51	8 59	20 49	21 5	17 21			n.a.
T 30	1n38	23s45	4s34	7s 7	1s45	17n36	0n47	23n12	0n31	18n37	1n 6	2n14	2s48	7s17	0n27	23n29	0s21	4s52	8n59	20s50	21s 5	17s18			n.a.

Julian Day Number = 1278983.5, Delta T = 08h09m58s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'41, Lahiri = -20°40'40 Julian Calendar 1 Sept. 1212 BCE == Greg. Calendar 21 Aug. 1212 BCE

The year -1211 astronomical counting style corresponds to year 1212 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1212 BCE
geocentric

OCTOBER 1212 BCE (-1211) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 54 6	26♍56'36	7♐49	15♎ 9	15♌22	12♊52	11♌53	11°R54	19♎25	28♊38	4♏47	28°R18	27♑ 2	9♒ 3	n.a.	W 1
T 2	23 58 3	27°57'08	20°16	16°34	16°33	13°11	12° 4	11♈49	19°29	28°39	4°49	28♑16	26°59	9° 9	n.a.	T 2
F 3	0 1 59	28°57'41	2♑24	17°57	17°43	13°28	12°14	11°45	19°32	28°39	4°51	28°D16	26°56	9°16	n.a.	F 3
S 4	0 5 56	29°58'15	14°20	19°20	18°54	13°46	12°25	11°40	19°36	28°39	4°53	28°16	26°53	9°23	n.a.	S 4
S 5	0 9 53	0♎58'51	26° 9	20°43	20° 5	14° 3	12°36	11°35	19°39	28°39	4°55	28°R17	26°50	9°29	n.a.	S 5
M 6	0 13 49	1°59'28	7♒56	22° 4	21°17	14°19	12°46	11°30	19°43	28°40	4°57	28°16	26°46	9°36	n.a.	M 6
T 7	0 17 46	3° 0'07	19°45	23°24	22°28	14°35	12°57	11°25	19°46	28°40	4°59	28°14	26°43	9°43	n.a.	T 7
W 8	0 21 42	4° 0'47	1♓42	24°42	23°39	14°51	13° 7	11°20	19°50	28°40	5° 1	28° 9	26°40	9°49	n.a.	W 8
T 9	0 25 39	5° 1'28	13°48	26° 0	24°51	15° 5	13°17	11°15	19°54	28°40	5° 3	28° 1	26°37	9°56	n.a.	T 9
F 10	0 29 35	6° 2'11	26° 6	27°15	26° 3	15°20	13°28	11°10	19°57	28°40	5° 5	27°51	26°34	10° 3	n.a.	F 10
S 11	0 33 32	7° 2'56	8♈38	28°29	27°15	15°33	13°38	11° 6	20° 1	28°40	5° 7	27°39	26°30	10° 9	n.a.	S 11
S 12	0 37 28	8° 3'41	21°22	29°41	28°26	15°47	13°48	11° 1	20° 5	28°40	5° 9	27°26	26°27	10°16	n.a.	S 12
M13	0 41 25	9° 4'29	4♉19	0♏50	29°38	15°59	13°58	10°56	20° 8	28°R40	5°11	27°13	26°24	10°22	n.a.	M13
T 14	0 45 22	10° 5'18	17°28	1°57	0♍51	16°11	14° 7	10°51	20°12	28°40	5°13	27° 2	26°21	10°29	n.a.	T 14
W15	0 49 18	11° 6'09	0♊48	3° 1	2° 3	16°23	14°17	10°46	20°16	28°40	5°15	26°54	26°18	10°36	n.a.	W15
T 16	0 53 15	12° 7'01	14°18	4° 2	3°15	16°33	14°27	10°41	20°19	28°40	5°17	26°48	26°15	10°42	n.a.	T 16
F 17	0 57 11	13° 7'55	27°59	4°58	4°28	16°44	14°36	10°36	20°23	28°40	5°19	26°46	26°11	10°49	n.a.	F 17
S 18	1 1 8	14° 8'50	11♋49	5°51	5°40	16°53	14°46	10°31	20°27	28°40	5°22	26°D45	26° 8	10°56	n.a.	S 18
S 19	1 5 4	15° 9'48	25°50	6°38	6°53	17° 2	14°55	10°26	20°30	28°40	5°24	26°R45	26° 5	11° 2	n.a.	S 19
M20	1 9 1	16°10'46	10♌ 2	7°20	8° 6	17°10	15° 4	10°21	20°34	28°39	5°26	26°45	26° 2	11° 9	n.a.	M20
T 21	1 12 57	17°11'46	24°23	7°55	9°18	17°18	15°13	10°16	20°38	28°39	5°28	26°42	25°59	11°16	n.a.	T 21
W22	1 16 54	18°12'48	8♍50	8°23	10°31	17°25	15°22	10°11	20°41	28°39	5°30	26°37	25°56	11°22	n.a.	W22
T 23	1 20 51	19°13'51	23°19	8°44	11°44	17°31	15°31	10° 6	20°45	28°39	5°33	26°29	25°52	11°29	n.a.	T 23
F 24	1 24 47	20°14'55	7♎45	8°56	12°57	17°36	15°40	10° 1	20°49	28°38	5°35	26°18	25°49	11°36	n.a.	F 24
S 25	1 28 44	21°16'00	22° 0	8°R58	14°11	17°41	15°48	9°56	20°53	28°38	5°37	26° 6	25°46	11°42	n.a.	S 25
S 26	1 32 40	22°17'06	5♏58	8°50	15°24	17°45	15°57	9°52	20°56	28°37	5°39	25°53	25°43	11°49	n.a.	S 26
M27	1 36 37	23°18'13	19°35	8°31	16°37	17°48	16° 5	9°47	21° 0	28°37	5°41	25°41	25°40	11°56	n.a.	M27
T 28	1 40 33	24°19'21	2♐49	8° 0	17°50	17°50	16°13	9°42	21° 4	28°36	5°44	25°31	25°36	12° 2	n.a.	T 28
W29	1 44 30	25°20'30	15°39	7°19	19° 4	17°52	16°21	9°37	21° 7	28°36	5°46	25°23	25°33	12° 9	n.a.	W29
T 30	1 48 26	26°21'40	28° 7	6°27	20°17	17°53	16°29	9°33	21°11	28°35	5°48	25°19	25°30	12°16	n.a.	T 30
F 31	1 52 23	27♎22'50	10♑17	5♏24	21♍31	17°R53	16♌37	9♈28	21♎15	28♊35	5♏50	25♑17	25♑27	12♒22	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1n14	25s52	3s57	7s45	1s51	17n18	0n50	23n16	0n33	18n34	1n 6	2n12	2s48	7s18	0n27	23n29	0s21	4s53	8n59	20s51	21s 6	17s16		n.a.
T 2	0 50	26 37	3 9	8 24	1 56	17 0	0 54	23 20	0 35	18 31	1 6	2 10	2 48	7 19	0 27	23 29	0 21	4 53	8 58	20 51	21 7	17 13		n.a.
F 3	0 25	26 3	2 14	9 1	2 1	16 41	0 57	23 24	0 36	18 28	1 6	2 8	2 49	7 21	0 27	23 29	0 21	4 54	8 58	20 51	21 7	17 10		n.a.
S 4	0 1	24 17	1 14	9 38	2 6	16 22	1 0	23 28	0 38	18 26	1 7	2 6	2 49	7 22	0 27	23 29	0 21	4 55	8 58	20 51	21 8	17 8		n.a.
S 5	0s24	21 28	0 11	10 14	2 11	16 2	1 3	23 32	0 40	18 23	1 7	2 5	2 49	7 24	0 27	23 29	0 21	4 56	8 58	20 51	21 9	17 5		n.a.
M 6	0 48	17 46	0n51	10 49	2 15	15 41	1 6	23 36	0 42	18 20	1 7	2 3	2 49	7 25	0 27	23 29	0 21	4 57	8 57	20 51	21 9	17 3		n.a.
T 7	1 13	13 22	1 52	11 23	2 19	15 21	1 9	23 39	0 44	18 17	1 7	2 1	2 49	7 26	0 27	23 29	0 21	4 58	8 57	20 52	21 10	17 0		n.a.
W 8	1 37	8 26	2 48	11 56	2 23	14 59	1 12	23 43	0 46	18 14	1 7	1 59	2 49	7 28	0 27	23 29	0 21	4 59	8 57	20 53	21 10	16 57		n.a.
T 9	2 2	3 8	3 37	12 28	2 26	14 38	1 15	23 47	0 48	18 11	1 8	1 57	2 49	7 29	0 27	23 29	0 21	5 0	8 57	20 54	21 11	16 55		n.a.
F 10	2 26	2n21	4 17	12 58	2 29	14 16	1 17	23 50	0 50	18 9	1 8	1 55	2 49	7 31	0 27	23 29	0 21	5 1	8 56	20 56	21 12	16 52		n.a.
S 11	2 51	7 50	4 45	13 28	2 31	13 53	1 20	23 54	0 52	18 6	1 8	1 53	2 49	7 32	0 27	23 29	0 21	5 1	8 56	20 59	21 12	16 49		n.a.
S 12	3 15	13 5	5 0	13 56	2 33	13 30	1 22	23 57	0 54	18 3	1 8	1 51	2 49	7 33	0 27	23 29	0 21	5 2	8 56	21 1	21 13	16 47		n.a.
M13	3 39	17 51	4 59	14 22	2 35	13 6	1 25	24 1	0 56	18 0	1 9	1 49	2 49	7 35	0 27	23 29	0 21	5 3	8 56	21 4	21 13	16 44		n.a.
T 14	4 4	21 50	4 43	14 47	2 35	12 43	1 27	24 4	0 58	17 58	1 9	1 47	2 49	7 36	0 27	23 29	0 21	5 4	8 55	21 6	21 14	16 42		n.a.
W15	4 28	24 45	4 11	15 9	2 36	12 18	1 29	24 7	1 0	17 55	1 9	1 45	2 49	7 38	0 27	23 29	0 21	5 5	8 55	21 8	21 15	16 39		n.a.
T 16	4 52	26 17	3 25	15 30	2 35	11 54	1 31	24 10	1 2	17 52	1 9	1 43	2 49	7 39	0 27	23 29	0 21	5 6	8 55	21 9	21 15	16 36		n.a.
F 17	5 16	26 16	2 26	15 48	2 34	11 29	1 33	24 14	1 4	17 50	1 9	1 41	2 49	7 40	0 27	23 29	0 21	5 7	8 55	21 9	21 16	16 34		n.a.
S 18	5 40	24 36	1 18	16 4	2 31	11 3	1 35	24 17	1 6	17 47	1 10	1 39	2 48	7 42	0 27	23 29	0 21	5 8	8 55	21 9	21 17	16 31		n.a.
S 19	6 4	21 25	0 5	16 17	2 28	10 38	1 37	24 20	1 8	17 45	1 10	1 37	2 48	7 43	0 27	23 29	0 21	5 9	8 54	21 9	21 17	16 28		n.a.
M20	6 28	16 55	1s10	16 27	2 24	10 12	1 39	24 23	1 11	17 42	1 10	1 35	2 48	7 45	0 27	23 29	0 21	5 10	8 54	21 10	21 18	16 26		n.a.
T 21	6 52	11 24	2 21	16 33	2 18	9 45	1 40	24 26	1 13	17 39	1 10	1 33	2 48	7 46	0 27	23 29	0 21	5 10	8 54	21 10	21 18	16 23		n.a.
W22	7 15	5 16	3 23	16 36	2 11	9 19	1 42	24 29	1 15	17 37	1 11	1 32	2 48	7 48	0 27	23 29	0 21	5 11	8 54	21 11	21 19	16 20		n.a.
T 23	7 39	1s 9	4 12	16 35	2 3	8 52	1 43	24 32	1 17	17 35	1 11	1 30	2 48	7 49	0 27	23 29	0 21	5 12	8 54	21 12	21 20	16 18		n.a.
F 24	8 2	7 28	4 45	16 30	1 54	8 24	1 44	24 34	1 20	17 32	1 11	1 28	2 48	7 50	0 27	23 29	0 21	5 13	8 54	21 15	21 20	16 15		n.a.
S 25	8 26	13 19	4 59	16 20	1 43	7 57	1 46	24 37	1 22	17 30	1 11	1 26	2 48	7 52	0 27	23 29	0 21	5 14	8 53	21 17	21 21	16 12		n.a.
S 26	8 49	18 22	4 56	16 6	1 30	7 29	1 47	24 40	1 25	17 27	1 11	1 24	2 48	7 53	0 27	23 29	0 21	5 15	8 53	21 19	21 21	16 10		n.a.
M27	9 12	22 19	4 35	15 46	1 16	7 1	1 48	24 43	1 27	17 25	1 12	1 22	2 48	7 55	0 27	23 29	0 21	5 16	8 53	21 22	21 22	16 7		n.a.
T 28	9 35	24 59	4 0	15 21	1 0	6 33	1 49	24 45	1 29	17 23	1 12	1 21	2 48	7 56	0 27	23 29	0 21	5 17	8 53	21 24	21 23	16 4		n.a.
W29	9 58	26 15	3 13	14 51	0 42	6 4	1 50	24 48	1 32	17 21	1 12	1 19	2 47	7 57	0 27	23 29	0 21	5 17	8 53	21 25	21 23	16 1		n.a.
T 30	10 20	26 8	2 18	14 16	0 24	5 36	1 50	24 51	1 34	17 18	1 12	1 17	2 47	7 59	0 27	23 29	0 21	5 18	8 53	21 26	21 24	15 59		n.a.
F 31	10s43	24s44	1s18	13s36	0s 4	5n 7	1n51	24n53	1n37	17n16	1n13	1n15	2s47	8s 0	0n27	23n29	0s21	5s19	8n52	21s26	21s24	15s56		n.a.

Julian Day Number = 1279013.5, Delta T = 08h09m56s
Ecliptic obliquity = 23°50'24, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'37, Lahiri = -20°40'36 Julian Calendar 1 Oct. 1212 BCE == Greg. Calendar 20 Sept. 1212 BCE

The year -1211 astronomical counting style corresponds to year 1212 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1212 BCE
geocentric

NOVEMBER 1212 BCE (-1211) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 56 20	28♎24'01	22♑15	4°R14	22♍44	17°R52	16♌45	9°R23	21♎19	28°R34	5♏53	25°R16	25♑24	12♒29	n.a.	S 1
S 2	2 0 16	29°25'12	4♒ 4	2♏56	23°58	17♊51	16°53	9♈19	21°22	28♊33	5°55	25♑16	25°21	12°35	n.a.	S 2
M 3	2 4 13	0♏26'24	15°52	1°35	25°12	17°48	17° 0	9°14	21°26	28°33	5°57	25°15	25°17	12°42	n.a.	M 3
T 4	2 8 9	1°27'36	27°43	0°12	26°25	17°45	17° 7	9°10	21°30	28°32	6° 0	25°13	25°14	12°49	n.a.	T 4
W 5	2 12 6	2°28'48	9♓42	28♎50	27°39	17°41	17°14	9° 6	21°33	28°31	6° 2	25° 8	25°11	12°55	n.a.	W 5
T 6	2 16 2	3°30'01	21°54	27°33	28°53	17°36	17°21	9° 1	21°37	28°30	6° 4	25° 0	25° 8	13° 2	n.a.	T 6
F 7	2 19 59	4°31'14	4♈22	26°22	0♎ 7	17°31	17°28	8°57	21°41	28°30	6° 6	24°50	25° 5	13° 9	n.a.	F 7
S 8	2 23 55	5°32'28	17° 8	25°19	1°21	17°24	17°35	8°53	21°44	28°29	6° 9	24°37	25° 1	13°15	n.a.	S 8
S 9	2 27 52	6°33'42	0♉11	24°27	2°35	17°17	17°42	8°49	21°48	28°28	6°11	24°24	24°58	13°22	n.a.	S 9
M10	2 31 49	7°34'56	13°31	23°45	3°49	17° 9	17°48	8°45	21°51	28°27	6°13	24°11	24°55	13°29	n.a.	M10
T 11	2 35 45	8°36'11	27° 5	23°14	5° 3	17° 0	17°54	8°41	21°55	28°26	6°16	23°59	24°52	13°35	n.a.	T 11
W12	2 39 42	9°37'27	10♊50	22°53	6°17	16°51	18° 0	8°37	21°59	28°25	6°18	23°50	24°49	13°42	n.a.	W12
T 13	2 43 38	10°38'43	24°43	22°D44	7°31	16°40	18° 6	8°33	22° 2	28°24	6°20	23°44	24°46	13°49	n.a.	T 13
F 14	2 47 35	11°40'00	8♋41	22°44	8°45	16°29	18°12	8°29	22° 6	28°23	6°22	23°41	24°42	13°55	n.a.	F 14
S 15	2 51 31	12°41'17	22°43	22°54	10° 0	16°16	18°18	8°26	22° 9	28°22	6°25	23°D41	24°39	14° 2	n.a.	S 15
S 16	2 55 28	13°42'34	6♌46	23°13	11°14	16° 4	18°23	8°22	22°13	28°21	6°27	23°R41	24°36	14° 9	n.a.	S 16
M17	2 59 25	14°43'53	20°51	23°39	12°28	15°50	18°29	8°19	22°16	28°20	6°29	23°41	24°33	14°15	n.a.	M17
T 18	3 3 21	15°45'11	4♍57	24°12	13°43	15°35	18°34	8°15	22°20	28°19	6°31	23°39	24°30	14°22	n.a.	T 18
W19	3 7 18	16°46'30	19° 2	24°51	14°57	15°20	18°39	8°12	22°23	28°18	6°34	23°35	24°27	14°29	n.a.	W19
T 20	3 11 14	17°47'49	3♎ 4	25°36	16°11	15° 4	18°44	8° 9	22°27	28°16	6°36	23°29	24°23	14°35	n.a.	T 20
F 21	3 15 11	18°49'08	17° 1	26°26	17°26	14°47	18°48	8° 5	22°30	28°15	6°38	23°19	24°20	14°42	n.a.	F 21
S 22	3 19 7	19°50'28	0♏49	27°20	18°40	14°30	18°53	8° 2	22°34	28°14	6°40	23° 9	24°17	14°49	n.a.	S 22
S 23	3 23 4	20°51'48	14°24	28°18	19°55	14°11	18°57	7°59	22°37	28°13	6°43	22°57	24°14	14°55	n.a.	S 23
M24	3 27 0	21°53'07	27°44	29°20	21° 9	13°53	19° 1	7°57	22°40	28°11	6°45	22°46	24°11	15° 2	n.a.	M24
T 25	3 30 57	22°54'27	10♐45	0♏25	22°24	13°33	19° 5	7°54	22°44	28°10	6°47	22°37	24° 7	15° 9	n.a.	T 25
W26	3 34 54	23°55'46	23°27	1°32	23°38	13°13	19° 9	7°51	22°47	28° 9	6°49	22°31	24° 4	15°15	n.a.	W26
T 27	3 38 50	24°57'05	5♑52	2°42	24°53	12°52	19°13	7°49	22°50	28° 7	6°52	22°27	24° 1	15°22	n.a.	T 27
F 28	3 42 47	25°58'23	18° 1	3°54	26° 7	12°31	19°16	7°46	22°54	28° 6	6°54	22°D25	23°58	15°28	n.a.	F 28
S 29	3 46 43	26°59'41	29°59	5° 8	27°22	12°10	19°20	7°44	22°57	28° 5	6°56	22°25	23°55	15°35	n.a.	S 29
S 30	3 50 40	28♏ 0'58	11♒49	6♏24	28♎36	11♊48	19♌23	7♈41	23♎ 0	28♊ 3	6♏58	22♑26	23♑52	15♒42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 5	22s14	0s16	12s53	0n16	4n38	1n52	24n56	1n39	17n14	1n13	1n14	2s47	8s 2	0n27	23n29	0s21	5s20	8n52	21s26	21s25	15s53		n.a.
S 2	11 27	18 48	0n46	12 7	0 37	4 9	1 52	24 58	1 42	17 12	1 13	1 12	2 47	8 3	0 27	23 29	0 21	5 21	8 52	21 26	21 26	15 51		n.a.
M 3	11 49	14 39	1 47	11 20	0 57	3 39	1 53	25 0	1 45	17 10	1 14	1 10	2 47	8 5	0 27	23 29	0 21	5 22	8 52	21 26	21 26	15 48		n.a.
T 4	12 11	9 55	2 43	10 32	1 17	3 10	1 53	25 3	1 47	17 8	1 14	1 9	2 47	8 6	0 27	23 29	0 21	5 23	8 52	21 27	21 27	15 45		n.a.
W 5	12 32	4 47	3 32	9 46	1 35	2 40	1 53	25 5	1 50	17 6	1 14	1 7	2 46	8 7	0 27	23 29	0 21	5 23	8 52	21 28	21 27	15 43		n.a.
T 6	12 53	0n36	4 13	9 2	1 52	2 11	1 53	25 7	1 52	17 4	1 14	1 6	2 46	8 9	0 27	23 29	0 21	5 24	8 52	21 29	21 28	15 40		n.a.
F 7	13 14	6 4	4 42	8 23	2 7	1 41	1 53	25 9	1 55	17 2	1 15	1 4	2 46	8 10	0 27	23 29	0 21	5 25	8 52	21 31	21 28	15 37		n.a.
S 8	13 35	11 25	4 58	7 48	2 19	1 11	1 53	25 11	1 58	17 0	1 15	1 3	2 46	8 12	0 27	23 29	0 21	5 26	8 52	21 33	21 29	15 34		n.a.
S 9	13 56	16 22	4 59	7 18	2 30	0 41	1 53	25 13	2 0	16 59	1 15	1 1	2 46	8 13	0 27	23 29	0 21	5 27	8 51	21 36	21 30	15 32		n.a.
M10	14 16	20 40	4 44	6 55	2 38	0 11	1 53	25 15	2 3	16 57	1 15	1 0	2 45	8 14	0 27	23 29	0 21	5 28	8 51	21 38	21 30	15 29		n.a.
T 11	14 36	23 55	4 13	6 38	2 45	0s19	1 52	25 17	2 6	16 55	1 16	0 58	2 45	8 16	0 27	23 29	0 21	5 28	8 51	21 40	21 31	15 26		n.a.
W12	14 56	25 51	3 26	6 26	2 49	0 50	1 52	25 18	2 8	16 53	1 16	0 57	2 45	8 17	0 27	23 29	0 21	5 29	8 51	21 42	21 31	15 24		n.a.
T 13	15 16	26 11	2 27	6 20	2 51	1 20	1 52	25 20	2 11	16 52	1 16	0 56	2 45	8 18	0 27	23 29	0 21	5 30	8 51	21 43	21 32	15 21		n.a.
F 14	15 35	24 52	1 19	6 20	2 52	1 50	1 51	25 22	2 14	16 50	1 17	0 54	2 45	8 20	0 27	23 28	0 21	5 31	8 51	21 43	21 33	15 18		n.a.
S 15	15 54	21 59	0 5	6 24	2 52	2 20	1 50	25 23	2 17	16 49	1 17	0 53	2 44	8 21	0 27	23 28	0 21	5 32	8 51	21 44	21 33	15 15		n.a.
S 16	16 13	17 47	1s 9	6 32	2 50	2 50	1 50	25 24	2 19	16 47	1 17	0 52	2 44	8 22	0 27	23 28	0 21	5 32	8 51	21 43	21 34	15 13		n.a.
M17	16 32	12 35	2 19	6 45	2 47	3 20	1 49	25 25	2 22	16 46	1 17	0 51	2 44	8 24	0 27	23 28	0 21	5 33	8 51	21 43	21 34	15 10		n.a.
T 18	16 50	6 45	3 21	7 0	2 44	3 51	1 48	25 26	2 25	16 45	1 18	0 50	2 44	8 25	0 27	23 28	0 21	5 34	8 51	21 44	21 35	15 7		n.a.
W19	17 8	0 35	4 10	7 19	2 39	4 21	1 47	25 27	2 27	16 43	1 18	0 48	2 43	8 26	0 27	23 28	0 21	5 35	8 51	21 44	21 35	15 4		n.a.
T 20	17 25	5s35	4 44	7 40	2 34	4 51	1 46	25 28	2 30	16 42	1 18	0 47	2 43	8 28	0 27	23 28	0 21	5 36	8 51	21 46	21 36	15 2		n.a.
F 21	17 43	11 25	5 1	8 4	2 28	5 21	1 45	25 29	2 32	16 41	1 19	0 46	2 43	8 29	0 27	23 28	0 21	5 36	8 51	21 47	21 37	14 59		n.a.
S 22	18 0	16 37	5 0	8 30	2 22	5 50	1 44	25 29	2 35	16 40	1 19	0 45	2 43	8 30	0 27	23 28	0 21	5 37	8 51	21 49	21 37	14 56		n.a.
S 23	18 16	20 55	4 42	8 57	2 15	6 20	1 42	25 30	2 38	16 39	1 19	0 44	2 42	8 31	0 27	23 28	0 21	5 38	8 51	21 51	21 38	14 53		n.a.
M24	18 33	24 1	4 9	9 25	2 8	6 50	1 41	25 30	2 40	16 38	1 19	0 44	2 42	8 33	0 27	23 28	0 21	5 39	8 51	21 53	21 38	14 51		n.a.
T 25	18 48	25 47	3 24	9 55	2 1	7 19	1 40	25 30	2 43	16 37	1 20	0 43	2 42	8 34	0 27	23 28	0 21	5 39	8 51	21 54	21 39	14 48		n.a.
W26	19 4	26 9	2 29	10 26	1 54	7 48	1 38	25 30	2 45	16 36	1 20	0 42	2 42	8 35	0 27	23 28	0 21	5 40	8 51	21 55	21 39	14 45		n.a.
T 27	19 19	25 10	1 28	10 57	1 46	8 17	1 37	25 29	2 47	16 35	1 20	0 41	2 41	8 37	0 27	23 28	0 21	5 41	8 51	21 56	21 40	14 42		n.a.
F 28	19 34	23 0	0 24	11 29	1 39	8 46	1 35	25 29	2 50	16 34	1 21	0 40	2 41	8 38	0 27	23 28	0 21	5 41	8 51	21 56	21 40	14 40		n.a.
S 29	19 49	19 50	0n41	12 2	1 31	9 15	1 34	25 28	2 52	16 33	1 21	0 40	2 41	8 39	0 27	23 28	0 21	5 42	8 51	21 56	21 41	14 37		n.a.
S 30	20s 3	15s54	1n42	12s34	1n23	9s44	1n32	25n27	2n54	16n33	1n21	0n39	2s41	8s40	0n27	23n28	0s21	5s43	8n51	21s56	21s42	14s34		n.a.

Julian Day Number = 1279044.5, Delta T = 08h09m55s
Ecliptic obliquity = 23°50'23, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'32, Lahiri = -20°40'32 Julian Calendar 1 Nov. 1212 BCE == Greg. Calendar 21 Oct. 1212 BCE

The year -1211 astronomical counting style corresponds to year 1212 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1212 BCE
geocentric

DECEMBER 1212 BCE (-1211) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 54 36	29♏ 2'14	23♒37	7♏41	29♎51	11°R25	19♌26	7°R39	23♎ 3	28°R 2	7♏ 0	22°R27	23♉48	15♒48	n.a.	M 1
T 2	3 58 33	0♐ 3'30	5♓28	9° 0	1♏ 5	11♊ 2	19°28	7♈37	23° 7	28♊ 0	7° 2	22♉27	23°45	15°55	n.a.	T 2
W 3	4 2 30	1° 4'45	17°28	10°19	2°20	10°39	19°31	7°35	23°10	27°59	7° 5	22°26	23°42	16° 2	n.a.	W 3
T 4	4 6 26	2° 5'59	29°41	11°40	3°35	10°16	19°33	7°34	23°13	27°58	7° 7	22°22	23°39	16° 8	n.a.	T 4
F 5	4 10 23	3° 7'13	12♈12	13° 3	4°49	9°52	19°35	7°32	23°16	27°56	7° 9	22°16	23°36	16°15	n.a.	F 5
S 6	4 14 19	4° 8'25	25° 4	14°26	6° 4	9°28	19°37	7°30	23°19	27°55	7°11	22° 8	23°33	16°22	n.a.	S 6
S 7	4 18 16	5° 9'37	8♉18	15°50	7°19	9° 4	19°39	7°29	23°22	27°53	7°13	22° 0	23°29	16°28	n.a.	S 7
M 8	4 22 12	6°10'48	21°54	17°15	8°33	8°40	19°41	7°27	23°25	27°52	7°15	21°52	23°26	16°35	n.a.	M 8
T 9	4 26 9	7°11'58	5♊49	18°40	9°48	8°16	19°42	7°26	23°28	27°50	7°17	21°44	23°23	16°42	n.a.	T 9
W10	4 30 5	8°13'08	20° 0	20° 7	11° 2	7°52	19°43	7°25	23°31	27°48	7°19	21°39	23°20	16°48	n.a.	W10
T 11	4 34 2	9°14'17	4♋21	21°34	12°17	7°28	19°45	7°24	23°34	27°47	7°21	21°35	23°17	16°55	n.a.	T 11
F 12	4 37 59	10°15'25	18°47	23° 2	13°32	7° 4	19°45	7°23	23°37	27°45	7°23	21°D34	23°13	17° 2	n.a.	F 12
S 13	4 41 55	11°16'33	3♌13	24°30	14°46	6°40	19°46	7°22	23°39	27°44	7°25	21°34	23°10	17° 8	n.a.	S 13
S 14	4 45 52	12°17'39	17°34	26° 0	16° 1	6°17	19°47	7°21	23°42	27°42	7°27	21°36	23° 7	17°15	n.a.	S 14
M15	4 49 48	13°18'46	1♍48	27°29	17°16	5°53	19°47	7°21	23°45	27°40	7°29	21°37	23° 4	17°22	n.a.	M15
T 16	4 53 45	14°19'51	15°53	29° 0	18°31	5°30	19°R47	7°20	23°48	27°39	7°31	21°R38	23° 1	17°28	n.a.	T 16
W17	4 57 41	15°20'56	29°49	0♐31	19°45	5° 8	19°47	7°20	23°50	27°37	7°33	21°37	22°58	17°35	n.a.	W17
T 18	5 1 38	16°22'00	13♎33	2° 3	21° 0	4°45	19°47	7°19	23°53	27°36	7°35	21°34	22°54	17°42	n.a.	T 18
F 19	5 5 35	17°23'03	27° 7	3°36	22°15	4°23	19°46	7°19	23°55	27°34	7°37	21°30	22°51	17°48	n.a.	F 19
S 20	5 9 31	18°24'05	10♏28	5° 9	23°29	4° 1	19°45	7°D19	23°58	27°32	7°39	21°24	22°48	17°55	n.a.	S 20
S 21	5 13 28	19°25'06	23°37	6°42	24°44	3°40	19°45	7°19	24° 0	27°31	7°40	21°19	22°45	18° 2	n.a.	S 21
M22	5 17 24	20°26'07	6♐32	8°17	25°59	3°20	19°43	7°20	24° 3	27°29	7°42	21°13	22°42	18° 8	n.a.	M22
T 23	5 21 21	21°27'06	19°13	9°52	27°13	3° 0	19°42	7°20	24° 5	27°27	7°44	21° 9	22°39	18°15	n.a.	T 23
W24	5 25 17	22°28'04	1♑41	11°28	28°28	2°40	19°41	7°20	24° 8	27°26	7°46	21° 6	22°35	18°22	n.a.	W24
T 25	5 29 14	23°29'01	13°56	13° 4	29°43	2°21	19°39	7°21	24°10	27°24	7°47	21° 4	22°32	18°28	n.a.	T 25
F 26	5 33 11	24°29'56	26° 0	14°42	0♐57	2° 3	19°37	7°22	24°12	27°22	7°49	21°D 4	22°29	18°35	n.a.	F 26
S 27	5 37 7	25°30'50	7♒55	16°19	2°12	1°45	19°35	7°22	24°15	27°21	7°51	21° 5	22°26	18°42	n.a.	S 27
S 28	5 41 4	26°31'42	19°45	17°58	3°27	1°28	19°33	7°23	24°17	27°19	7°53	21° 7	22°23	18°48	n.a.	S 28
M29	5 45 0	27°32'32	1♓33	19°37	4°41	1°12	19°31	7°24	24°19	27°17	7°54	21° 9	22°19	18°55	n.a.	M29
T 30	5 48 57	28°33'21	13°23	21°18	5°56	0°57	19°28	7°25	24°21	27°15	7°56	21°10	22°16	19° 2	n.a.	T 30
W31	5 52 53	29♐34'08	25♓22	22♐59	7♐11	0♊42	19♌25	7♈27	24♎23	27♊14	7♏57	21°R11	22♉13	19♒ 8	n.a.	W31

Day	☉	☽			☿			♀			♂			♃			♄			♅			♆			♇			☊		☊		⚸		⚷	
	decl	decl	lat		decl	lat		decl	lat		decl	lat		decl	lat		decl	lat		decl	lat		decl	lat		decl	lat		decl		decl		decl		decl	lat
M 1	20s17	11s22	2n40		13s 7	1n15		10s12	1n30		25n26	2n57		16n32	1n22		0n38	2s40		8s41	0n27		23n28	0s21		5s43	8n51		21s56		21s42		14s31			n.a.
T 2	20 30	6 24	3 31		13 40	1 7		10 40	1 28		25 25	2 59		16 31	1 22		0 38	2 40		8 43	0 27		23 28	0 21		5 44	8 51		21 56		21 43		14 29			n.a.
W 3	20 43	1 10	4 13		14 14	0 59		11 8	1 27		25 24	3 1		16 31	1 22		0 37	2 40		8 44	0 27		23 28	0 21		5 45	8 51		21 56		21 43		14 26			n.a.
T 4	20 56	4n12	4 44		14 47	0 51		11 36	1 25		25 22	3 3		16 30	1 23		0 37	2 39		8 45	0 27		23 28	0 21		5 45	8 51		21 57		21 44		14 23			n.a.
F 5	21 8	9 32	5 3		15 19	0 43		12 3	1 23		25 21	3 5		16 30	1 23		0 36	2 39		8 46	0 27		23 28	0 21		5 46	8 51		21 58		21 44		14 20			n.a.
S 6	21 20	14 36	5 7		15 52	0 36		12 30	1 21		25 19	3 7		16 30	1 23		0 36	2 39		8 47	0 27		23 28	0 21		5 47	8 51		21 59		21 45		14 17			n.a.
S 7	21 31	19 9	4 56		16 24	0 28		12 57	1 19		25 17	3 8		16 29	1 24		0 36	2 38		8 48	0 27		23 28	0 21		5 47	8 51		22 1		21 45		14 15			n.a.
M 8	21 42	22 50	4 27		16 56	0 20		13 23	1 17		25 15	3 10		16 29	1 24		0 35	2 38		8 49	0 27		23 28	0 21		5 48	8 51		22 2		21 46		14 12			n.a.
T 9	21 53	25 17	3 42		17 28	0 13		13 49	1 14		25 12	3 12		16 29	1 24		0 35	2 38		8 51	0 27		23 28	0 21		5 49	8 51		22 3		21 47		14 9			n.a.
W10	22 3	26 9	2 43		17 59	0 5		14 15	1 12		25 10	3 13		16 29	1 24		0 35	2 38		8 52	0 27		23 28	0 21		5 49	8 51		22 4		21 47		14 6			n.a.
T 11	22 12	25 18	1 32		18 30	0s 2		14 40	1 10		25 7	3 15		16 29	1 25		0 35	2 37		8 53	0 27		23 28	0 21		5 50	8 51		22 5		21 48		14 3			n.a.
F 12	22 22	22 45	0 15		18 59	0 9		15 5	1 8		25 4	3 16		16 29	1 25		0 35	2 37		8 54	0 27		23 28	0 21		5 50	8 51		22 5		21 48		14 1			n.a.
S 13	22 30	18 45	1s 3		19 29	0 16		15 30	1 5		25 2	3 17		16 29	1 25		0 35	2 37		8 55	0 27		23 28	0 21		5 51	8 51		22 5		21 49		13 58			n.a.
S 14	22 39	13 40	2 17		19 57	0 23		15 54	1 3		24 59	3 19		16 29	1 26		0 35	2 36		8 56	0 27		23 28	0 21		5 52	8 51		22 4		21 49		13 55			n.a.
M15	22 47	7 53	3 21		20 25	0 30		16 18	1 1		24 55	3 20		16 29	1 26		0 35	2 36		8 57	0 27		23 28	0 21		5 52	8 51		22 4		21 50		13 52			n.a.
T 16	22 54	1 46	4 13		20 52	0 37		16 41	0 58		24 52	3 21		16 30	1 26		0 35	2 36		8 58	0 27		23 28	0 21		5 53	8 51		22 4		21 50		13 49			n.a.
W17	23 1	4s20	4 49		21 18	0 43		17 4	0 56		24 49	3 22		16 30	1 27		0 35	2 35		8 59	0 27		23 28	0 21		5 53	8 51		22 4		21 51		13 47			n.a.
T 18	23 8	10 9	5 9		21 44	0 50		17 27	0 54		24 46	3 23		16 30	1 27		0 35	2 35		9 0	0 27		23 28	0 21		5 54	8 51		22 5		21 51		13 44			n.a.
F 19	23 14	15 25	5 10		22 8	0 56		17 49	0 51		24 42	3 23		16 31	1 27		0 35	2 35		9 1	0 27		23 28	0 21		5 54	8 52		22 5		21 52		13 41			n.a.
S 20	23 19	19 51	4 55		22 31	1 2		18 10	0 49		24 39	3 24		16 31	1 28		0 36	2 34		9 2	0 27		23 28	0 21		5 55	8 52		22 6		21 53		13 38			n.a.
S 21	23 25	23 14	4 24		22 54	1 7		18 32	0 46		24 35	3 25		16 32	1 28		0 36	2 34		9 3	0 27		23 28	0 21		5 55	8 52		22 7		21 53		13 35			n.a.
M22	23 29	25 22	3 40		23 15	1 13		18 52	0 43		24 32	3 25		16 32	1 28		0 36	2 34		9 4	0 27		23 28	0 21		5 56	8 52		22 8		21 54		13 33			n.a.
T 23	23 33	26 9	2 46		23 35	1 18		19 12	0 41		24 28	3 26		16 33	1 29		0 37	2 33		9 4	0 27		23 28	0 21		5 56	8 52		22 9		21 54		13 30			n.a.
W24	23 37	25 34	1 44		23 54	1 23		19 32	0 38		24 24	3 26		16 34	1 29		0 37	2 33		9 5	0 27		23 28	0 21		5 57	8 52		22 9		21 55		13 27			n.a.
T 25	23 41	23 45	0 39		24 12	1 28		19 51	0 36		24 21	3 26		16 35	1 29		0 38	2 33		9 6	0 27		23 28	0 21		5 57	8 52		22 9		21 55		13 24			n.a.
F 26	23 43	20 51	0n27		24 28	1 32		20 9	0 33		24 17	3 27		16 36	1 30		0 38	2 33		9 7	0 27		23 28	0 21		5 58	8 52		22 9		21 56		13 21			n.a.
S 27	23 46	17 7	1 31		24 43	1 36		20 27	0 31		24 14	3 27		16 37	1 30		0 39	2 32		9 8	0 27		23 28	0 21		5 58	8 52		22 9		21 56		13 18			n.a.
S 28	23 48	12 45	2 31		24 57	1 40		20 44	0 28		24 10	3 27		16 38	1 30		0 40	2 32		9 9	0 27		23 28	0 21		5 58	8 53		22 9		21 57		13 16			n.a.
M29	23 49	7 55	3 25		25 9	1 44		21 1	0 25		24 7	3 27		16 39	1 30		0 40	2 32		9 9	0 27		23 28	0 21		5 59	8 53		22 9		21 57		13 13			n.a.
T 30	23 50	2 48	4 10		25 19	1 47		21 17	0 23		24 4	3 27		16 40	1 31		0 41	2 31		9 10	0 27		23 28	0 21		5 59	8 53		22 9		21 58		13 10			n.a.
W31	23s50	2n28	4n44		25s29	1s50		21s33	0n20		24n 0	3n27		16n41	1n31		0n42	2s31		9s11	0n27		23n28	0s21		6s 0	8n53		22s 8		21s58		13s 7			n.a.

Julian Day Number = 1279074.5, Delta T = 08h09m53s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'28, Lahiri = -20°40'28 Julian Calendar 1 Dec. 1212 BCE == Greg. Calendar 20 Nov. 1212 BCE

The year -1211 astronomical counting style corresponds to year 1212 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1211 BCE
geocentric

JANUARY 1211 BCE (-1210) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 56 50	0♉34'53	7♈33	24♐40	8♐25	0°R28	19°R22	7♈28	24♎25	27°R12	7♏59	21°R11	22♉10	19♒15	n.a.	T 1
F 2	6 0 46	1°35'36	20° 1	26°23	9°40	0♊15	19♌19	7°29	24°27	27♊10	8° 1	21♉10	22° 7	19°22	n.a.	F 2
S 3	6 4 43	2°36'18	2♋50	28° 6	10°55	0° 3	19°16	7°31	24°29	27° 9	8° 2	21° 8	22° 4	19°28	n.a.	S 3
S 4	6 8 40	3°36'57	16° 4	29°50	12° 9	29♋51	19°12	7°33	24°31	27° 7	8° 4	21° 5	22° 0	19°35	n.a.	S 4
M 5	6 12 36	4°37'35	29°44	1♉35	13°24	29°40	19° 9	7°35	24°33	27° 5	8° 5	21° 3	21°57	19°42	n.a.	M 5
T 6	6 16 33	5°38'12	13♊48	3°21	14°38	29°30	19° 5	7°36	24°35	27° 4	8° 7	21° 1	21°54	19°48	n.a.	T 6
W 7	6 20 29	6°38'46	28°15	5° 8	15°53	29°21	19° 1	7°38	24°36	27° 2	8° 8	20°59	21°51	19°55	n.a.	W 7
T 8	6 24 26	7°39'19	12♋57	6°55	17° 8	29°13	18°57	7°41	24°38	27° 0	8° 9	20°59	21°48	20° 2	n.a.	T 8
F 9	6 28 22	8°39'50	27°49	8°44	18°22	29° 5	18°53	7°43	24°40	26°59	8°11	20°D59	21°45	20° 8	n.a.	F 9
S 10	6 32 19	9°40'19	12♌43	10°33	19°37	28°58	18°48	7°45	24°41	26°57	8°12	20°59	21°41	20°15	n.a.	S 10
S 11	6 36 15	10°40'47	27°30	12°23	20°51	28°52	18°43	7°48	24°43	26°55	8°13	21° 0	21°38	20°22	n.a.	S 11
M12	6 40 12	11°41'13	12♍ 5	14°14	22° 6	28°47	18°39	7°50	24°44	26°54	8°15	21° 1	21°35	20°28	n.a.	M12
T 13	6 44 9	12°41'37	26°24	16° 5	23°20	28°42	18°34	7°53	24°46	26°52	8°16	21° 1	21°32	20°35	n.a.	T 13
W14	6 48 5	13°42'00	10♎24	17°57	24°35	28°38	18°28	7°56	24°47	26°51	8°17	21°R 2	21°29	20°42	n.a.	W14
T 15	6 52 2	14°42'21	24° 5	19°50	25°49	28°36	18°23	7°59	24°49	26°49	8°18	21° 2	21°25	20°48	n.a.	T 15
F 16	6 55 58	15°42'41	7♏27	21°43	27° 4	28°33	18°18	8° 2	24°50	26°47	8°19	21° 1	21°22	20°55	n.a.	F 16
S 17	6 59 55	16°43'00	20°31	23°36	28°19	28°32	18°12	8° 5	24°51	26°46	8°21	21° 1	21°19	21° 2	n.a.	S 17
S 18	7 3 51	17°43'16	3♐19	25°30	29°33	28°D31	18° 6	8° 8	24°52	26°44	8°22	21° 0	21°16	21° 8	n.a.	S 18
M19	7 7 48	18°43'31	15°53	27°24	0♉48	28°31	18° 1	8°11	24°54	26°43	8°23	21° 0	21°13	21°15	n.a.	M19
T 20	7 11 44	19°43'44	28°15	29°17	2° 2	28°32	17°55	8°14	24°55	26°41	8°24	21° 0	21°10	21°22	n.a.	T 20
W21	7 15 41	20°43'56	10♉27	1♒10	3°17	28°34	17°48	8°18	24°56	26°40	8°25	21°D 0	21° 6	21°28	n.a.	W21
T 22	7 19 38	21°44'05	22°30	3° 3	4°31	28°36	17°42	8°22	24°57	26°38	8°26	21°R 0	21° 3	21°35	n.a.	T 22
F 23	7 23 34	22°44'12	4♒26	4°54	5°46	28°39	17°36	8°25	24°58	26°37	8°27	21° 0	21° 0	21°42	n.a.	F 23
S 24	7 27 31	23°44'17	16°17	6°43	7° 0	28°43	17°29	8°29	24°58	26°35	8°28	20°59	20°57	21°48	n.a.	S 24
S 25	7 31 27	24°44'20	28° 6	8°31	8°14	28°47	17°23	8°33	24°59	26°34	8°29	20°59	20°54	21°55	n.a.	S 25
M26	7 35 24	25°44'21	9♓55	10°17	9°29	28°52	17°16	8°37	25° 0	26°32	8°29	20°59	20°51	22° 2	n.a.	M26
T 27	7 39 20	26°44'19	21°46	12° 0	10°43	28°58	17° 9	8°41	25° 1	26°31	8°30	20°58	20°47	22° 8	n.a.	T 27
W28	7 43 17	27°44'15	3♈45	13°39	11°58	29° 4	17° 2	8°45	25° 1	26°30	8°31	20°57	20°44	22°15	n.a.	W28
T 29	7 47 13	28°44'09	15°55	15°15	13°12	29°11	16°55	8°49	25° 2	26°28	8°32	20°56	20°41	22°22	n.a.	T 29
F 30	7 51 10	29°44'01	28°19	16°47	14°27	29°19	16°48	8°54	25° 3	26°27	8°32	20°D56	20°38	22°28	n.a.	F 30
S 31	7 55 7	0♒43'50	11♉ 3	18♒13	15♉41	29♋27	16♌41	8♈58	25♎ 3	26♊25	8♏33	20♉56	20♉35	22♒35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23 s50	7n44	5n 7	25 s36	1 s52	21 s47	0n17	23n57	3n27	16n42	1n31	0n43	2 s31	9 s12	0n27	23n28	0 s21	6 s 0	8n53	22 s 8	21 s59	13 s 4			n.a.
F 2	23 50	12 48	5 16	25 42	1 55	22 2	0 15	23 54	3 26	16 43	1 32	0 44	2 30	9 12	0 27	23 28	0 21	6 0	8 53	22 9	21 59	13 1			n.a.
S 3	23 49	17 29	5 9	25 46	1 57	22 15	0 12	23 51	3 26	16 45	1 32	0 44	2 30	9 13	0 27	23 28	0 21	6 1	8 53	22 9	22 0	12 59			n.a.
S 4	23 47	21 29	4 47	25 48	1 58	22 28	0 10	23 48	3 26	16 46	1 32	0 45	2 30	9 14	0 27	23 28	0 21	6 1	8 53	22 9	22 0	12 56			n.a.
M 5	23 45	24 27	4 7	25 49	1 59	22 40	0 7	23 45	3 25	16 48	1 33	0 46	2 29	9 15	0 27	23 28	0 21	6 1	8 54	22 10	22 1	12 53			n.a.
T 6	23 43	26 0	3 12	25 47	2 0	22 52	0 4	23 43	3 25	16 49	1 33	0 48	2 29	9 15	0 27	23 28	0 21	6 2	8 54	22 10	22 1	12 50			n.a.
W 7	23 40	25 52	2 3	25 44	2 0	23 3	0 2	23 40	3 24	16 51	1 33	0 49	2 29	9 16	0 28	23 28	0 21	6 2	8 54	22 10	22 2	12 47			n.a.
T 8	23 37	23 56	0 44	25 39	2 0	23 13	0 s 1	23 38	3 24	16 52	1 33	0 50	2 28	9 16	0 28	23 28	0 21	6 2	8 54	22 10	22 3	12 44			n.a.
F 9	23 33	20 20	0 s38	25 31	1 59	23 23	0 3	23 35	3 23	16 54	1 34	0 51	2 28	9 17	0 28	23 27	0 21	6 2	8 54	22 10	22 3	12 41			n.a.
S 10	23 29	15 24	1 58	25 22	1 58	23 31	0 6	23 33	3 22	16 56	1 34	0 52	2 28	9 18	0 28	23 27	0 21	6 3	8 54	22 10	22 4	12 39			n.a.
S 11	23 24	9 35	3 9	25 11	1 56	23 40	0 9	23 31	3 22	16 57	1 34	0 53	2 27	9 18	0 28	23 27	0 21	6 3	8 55	22 10	22 4	12 36			n.a.
M12	23 19	3 20	4 7	24 57	1 54	23 47	0 11	23 29	3 21	16 59	1 34	0 55	2 27	9 19	0 28	23 27	0 21	6 3	8 55	22 10	22 5	12 33			n.a.
T 13	23 13	2 s57	4 49	24 41	1 51	23 54	0 14	23 27	3 20	17 1	1 35	0 56	2 27	9 19	0 28	23 27	0 21	6 3	8 55	22 10	22 5	12 30			n.a.
W14	23 7	8 57	5 12	24 23	1 47	24 0	0 16	23 26	3 20	17 3	1 35	0 57	2 27	9 20	0 28	23 27	0 21	6 4	8 55	22 10	22 6	12 27			n.a.
T 15	23 1	14 23	5 17	24 3	1 43	24 5	0 19	23 24	3 19	17 5	1 35	0 59	2 26	9 20	0 28	23 27	0 21	6 4	8 55	22 10	22 6	12 24			n.a.
F 16	22 54	19 1	5 5	23 41	1 39	24 9	0 21	23 23	3 18	17 7	1 36	1 0	2 26	9 21	0 28	23 27	0 21	6 4	8 55	22 10	22 7	12 21			n.a.
S 17	22 46	22 36	4 37	23 16	1 33	24 13	0 23	23 22	3 17	17 9	1 36	1 2	2 26	9 21	0 28	23 27	0 21	6 4	8 56	22 10	22 7	12 19			n.a.
S 18	22 39	25 1	3 55	22 49	1 27	24 16	0 26	23 21	3 16	17 11	1 36	1 3	2 25	9 22	0 28	23 27	0 21	6 5	8 56	22 10	22 8	12 16			n.a.
M19	22 30	26 7	3 3	22 21	1 21	24 18	0 28	23 20	3 15	17 13	1 36	1 5	2 25	9 22	0 28	23 27	0 21	6 5	8 56	22 10	22 8	12 13			n.a.
T 20	22 22	25 53	2 3	21 50	1 13	24 20	0 30	23 19	3 15	17 15	1 36	1 7	2 25	9 22	0 28	23 27	0 21	6 5	8 56	22 10	22 9	12 10			n.a.
W21	22 13	24 23	0 58	21 17	1 5	24 21	0 33	23 19	3 14	17 17	1 37	1 8	2 24	9 23	0 28	23 27	0 21	6 5	8 56	22 10	22 9	12 7			n.a.
T 22	22 3	21 47	0n 8	20 43	0 56	24 21	0 35	23 19	3 13	17 19	1 37	1 10	2 24	9 23	0 28	23 27	0 21	6 5	8 56	22 10	22 10	12 4			n.a.
F 23	21 53	18 17	1 14	20 7	0 47	24 20	0 37	23 18	3 12	17 21	1 37	1 12	2 24	9 23	0 28	23 27	0 21	6 5	8 57	22 10	22 10	12 1			n.a.
S 24	21 43	14 3	2 16	19 30	0 37	24 18	0 39	23 18	3 11	17 23	1 37	1 14	2 24	9 24	0 28	23 27	0 21	6 5	8 57	22 10	22 11	11 58			n.a.
S 25	21 32	9 20	3 12	18 51	0 26	24 16	0 42	23 18	3 10	17 26	1 38	1 15	2 23	9 24	0 28	23 27	0 20	6 5	8 57	22 10	22 11	11 56			n.a.
M26	21 21	4 17	4 0	18 11	0 14	24 13	0 44	23 18	3 9	17 28	1 38	1 17	2 23	9 24	0 28	23 27	0 20	6 6	8 57	22 10	22 12	11 53			n.a.
T 27	21 10	0n55	4 37	17 31	0 2	24 10	0 46	23 19	3 8	17 30	1 38	1 19	2 23	9 25	0 28	23 27	0 20	6 6	8 57	22 10	22 12	11 50			n.a.
W28	20 58	6 8	5 3	16 50	0n11	24 5	0 48	23 19	3 7	17 33	1 38	1 21	2 22	9 25	0 28	23 27	0 20	6 6	8 58	22 11	22 13	11 47			n.a.
T 29	20 45	11 12	5 16	16 9	0 24	24 0	0 50	23 20	3 6	17 35	1 38	1 23	2 22	9 25	0 28	23 27	0 20	6 6	8 58	22 11	22 13	11 44			n.a.
F 30	20 33	15 56	5 15	15 29	0 37	23 54	0 52	23 21	3 5	17 37	1 38	1 25	2 22	9 25	0 28	23 27	0 20	6 6	8 58	22 11	22 14	11 41			n.a.
S 31	20 s20	20n 6	4n58	14 s49	0n51	23 s47	0 s54	23n21	3n 4	17n40	1n39	1n27	2 s22	9 s25	0n28	23n27	0 s20	6 s 6	8n58	22 s11	22 s14	11 s38			n.a.

Julian Day Number = 1279105.5, Delta T = 08h09m51s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'24, Lahiri = -20°40'24 Julian Calendar 1 Jan. 1211 BCE == Greg. Calendar 21 Dec. 1212 BCE

The year -1210 astronomical counting style corresponds to year 1211 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1211 BCE
geocentric

FEBRUARY 1211 BCE (-1210) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 59 3	1♒43'36	24♉10	19♒35	16♑55	29♉36	16°R34	9♈ 3	25♎ 3	26°R24	8♏34	20♑57	20♑31	22♒42	n.a.	S 1
M 2	8 3 0	2°43'21	7♊42	20°50	18°10	29°46	16♌27	9° 7	25° 4	26♊23	8°34	20°58	20°28	22°48	n.a.	M 2
T 3	8 6 56	3°43'03	21°42	21°59	19°24	29°56	16°19	9°12	25° 4	26°22	8°35	20°59	20°25	22°55	n.a.	T 3
W 4	8 10 53	4°42'43	6♋ 8	23° 1	20°38	0♊ 6	16°12	9°17	25° 5	26°20	8°36	21° 0	20°22	23° 2	n.a.	W 4
T 5	8 14 49	5°42'20	20°57	23°56	21°53	0°18	16° 4	9°22	25° 5	26°19	8°36	21°R 0	20°19	23° 8	n.a.	T 5
F 6	8 18 46	6°41'55	6♌ 1	24°43	23° 7	0°29	15°57	9°27	25° 5	26°18	8°37	21° 0	20°16	23°15	n.a.	F 6
S 7	8 22 42	7°41'28	21°13	25°22	24°21	0°42	15°49	9°32	25° 5	26°17	8°37	20°59	20°12	23°22	n.a.	S 7
S 8	8 26 39	8°40'58	6♍23	25°54	25°36	0°54	15°42	9°37	25° 5	26°16	8°38	20°57	20° 9	23°28	n.a.	S 8
M 9	8 30 35	9°40'27	21°20	26°17	26°50	1° 8	15°34	9°42	25°R 5	26°14	8°38	20°54	20° 6	23°35	n.a.	M 9
T 10	8 34 32	10°39'54	5♎59	26°33	28° 4	1°21	15°26	9°47	25° 5	26°13	8°38	20°52	20° 3	23°42	n.a.	T 10
W11	8 38 29	11°39'18	20°13	26°R40	29°19	1°36	15°19	9°52	25° 5	26°12	8°39	20°50	20° 0	23°48	n.a.	W11
T 12	8 42 25	12°38'41	4♏ 0	26°39	0♒33	1°50	15°11	9°58	25° 5	26°11	8°39	20°49	19°57	23°55	n.a.	T 12
F 13	8 46 22	13°38'02	17°22	26°30	1°47	2° 6	15° 3	10° 3	25° 5	26°10	8°39	20°D48	19°53	24° 2	n.a.	F 13
S 14	8 50 18	14°37'21	0♐21	26°14	3° 1	2°21	14°55	10° 9	25° 4	26° 9	8°39	20°49	19°50	24° 8	n.a.	S 14
S 15	8 54 15	15°36'39	12°59	25°50	4°16	2°37	14°48	10°15	25° 4	26° 8	8°40	20°51	19°47	24°15	n.a.	S 15
M16	8 58 11	16°35'54	25°21	25°21	5°30	2°54	14°40	10°20	25° 4	26° 7	8°40	20°52	19°44	24°22	n.a.	M16
T 17	9 2 8	17°35'07	7♑30	24°46	6°44	3°11	14°32	10°26	25° 3	26° 6	8°40	20°54	19°41	24°28	n.a.	T 17
W18	9 6 4	18°34'19	19°29	24° 6	7°58	3°28	14°24	10°32	25° 3	26° 5	8°40	20°R54	19°37	24°35	n.a.	W18
T 19	9 10 1	19°33'28	1♒23	23°22	9°12	3°46	14°17	10°38	25° 2	26° 4	8°40	20°54	19°34	24°42	n.a.	T 19
F 20	9 13 58	20°32'35	13°13	22°35	10°27	4° 4	14° 9	10°44	25° 2	26° 4	8°R40	20°52	19°31	24°48	n.a.	F 20
S 21	9 17 54	21°31'40	25° 1	21°46	11°41	4°23	14° 1	10°50	25° 1	26° 3	8°40	20°48	19°28	24°55	n.a.	S 21
S 22	9 21 51	22°30'42	6♓51	20°56	12°55	4°42	13°54	10°56	25° 1	26° 2	8°40	20°44	19°25	25° 2	n.a.	S 22
M23	9 25 47	23°29'43	18°42	20° 7	14° 9	5° 1	13°46	11° 2	25° 0	26° 1	8°40	20°38	19°22	25° 8	n.a.	M23
T 24	9 29 44	24°28'41	0♈39	19°18	15°23	5°21	13°39	11° 8	24°59	26° 0	8°40	20°32	19°18	25°15	n.a.	T 24
W25	9 33 40	25°27'37	12°42	18°30	16°38	5°41	13°31	11°15	24°58	26° 0	8°40	20°26	19°15	25°22	n.a.	W25
T 26	9 37 37	26°26'30	24°55	17°46	17°52	6° 2	13°24	11°21	24°58	25°59	8°40	20°21	19°12	25°28	n.a.	T 26
F 27	9 41 33	27°25'21	7♉20	17° 5	19° 6	6°22	13°16	11°27	24°57	25°58	8°39	20°17	19° 9	25°35	n.a.	F 27
S 28	9 45 30	28♒24'10	20♉ 1	16♒28	20♒20	6♊43	13♌ 9	11♈34	24♎56	25♊58	8♏39	20♑15	19♑ 6	25♒42	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s 6	23n25	4n26	14s10	1n 5	23s40	0s55	23n22	3n 3	17n42	1n39	1n29	2s21	9s25	0n28	23n27	0s20	6s 6	8n58	22s11	22s15	11s35			n.a.
M 2	19 53	25 32	3 38	13 32	1 20	23 32	0 57	23 23	3 2	17 44	1 39	1 31	2 21	9 26	0 28	23 27	0 20	6 6	8 59	22 10	22 15	11 32			n.a.
T 3	19 39	26 10	2 35	12 56	1 34	23 23	0 59	23 25	3 1	17 47	1 39	1 33	2 21	9 26	0 28	23 27	0 20	6 6	8 59	22 10	22 15	11 30			n.a.
W 4	19 24	25 3	1 21	12 22	1 48	23 13	1 1	23 26	3 0	17 49	1 39	1 35	2 21	9 26	0 28	23 27	0 20	6 6	8 59	22 10	22 16	11 27			n.a.
T 5	19 10	22 11	0 0	11 51	2 2	23 3	1 2	23 27	2 59	17 52	1 39	1 38	2 20	9 26	0 28	23 27	0 20	6 6	8 59	22 10	22 16	11 24			n.a.
F 6	18 55	17 45	1s22	11 22	2 16	22 52	1 4	23 29	2 57	17 54	1 39	1 40	2 20	9 26	0 28	23 27	0 20	6 6	8 59	22 10	22 17	11 21			n.a.
S 7	18 39	12 9	2 40	10 56	2 29	22 41	1 6	23 31	2 56	17 56	1 40	1 42	2 20	9 26	0 28	23 27	0 20	6 6	9 0	22 10	22 17	11 18			n.a.
S 8	18 23	5 50	3 45	10 34	2 42	22 29	1 7	23 32	2 55	17 59	1 40	1 44	2 20	9 26	0 28	23 27	0 20	6 6	9 0	22 11	22 18	11 15			n.a.
M 9	18 7	0s42	4 35	10 14	2 54	22 16	1 9	23 34	2 54	18 1	1 40	1 47	2 19	9 26	0 28	23 27	0 20	6 6	9 0	22 11	22 18	11 12			n.a.
T 10	17 51	7 4	5 5	9 59	3 5	22 2	1 10	23 36	2 53	18 4	1 40	1 49	2 19	9 26	0 28	23 27	0 20	6 5	9 0	22 11	22 19	11 9			n.a.
W11	17 35	12 53	5 16	9 47	3 15	21 48	1 11	23 38	2 52	18 6	1 40	1 51	2 19	9 26	0 28	23 27	0 20	6 5	9 0	22 12	22 19	11 6			n.a.
T 12	17 18	17 52	5 7	9 39	3 24	21 33	1 13	23 40	2 51	18 9	1 40	1 54	2 19	9 26	0 28	23 27	0 20	6 5	9 1	22 12	22 20	11 3			n.a.
F 13	17 1	21 48	4 42	9 35	3 31	21 17	1 14	23 42	2 50	18 11	1 40	1 56	2 18	9 26	0 28	23 27	0 20	6 5	9 1	22 12	22 20	11 1			n.a.
S 14	16 43	24 32	4 4	9 35	3 37	21 1	1 15	23 44	2 49	18 13	1 40	1 58	2 18	9 26	0 28	23 27	0 20	6 5	9 1	22 12	22 21	10 58			n.a.
S 15	16 25	25 56	3 14	9 39	3 42	20 45	1 16	23 47	2 48	18 16	1 40	2 1	2 18	9 26	0 28	23 27	0 20	6 5	9 1	22 12	22 21	10 55			n.a.
M16	16 7	26 1	2 16	9 46	3 45	20 27	1 17	23 49	2 47	18 18	1 40	2 3	2 18	9 25	0 28	23 27	0 20	6 5	9 1	22 11	22 22	10 52			n.a.
T 17	15 49	24 50	1 13	9 57	3 46	20 9	1 18	23 51	2 46	18 21	1 40	2 6	2 17	9 25	0 28	23 27	0 20	6 5	9 2	22 11	22 22	10 49			n.a.
W18	15 31	22 32	0 8	10 11	3 45	19 51	1 19	23 54	2 45	18 23	1 40	2 8	2 17	9 25	0 28	23 27	0 20	6 4	9 2	22 11	22 23	10 46			n.a.
T 19	15 12	19 15	0n57	10 28	3 42	19 32	1 20	23 56	2 44	18 25	1 40	2 11	2 17	9 25	0 28	23 27	0 20	6 4	9 2	22 11	22 23	10 43			n.a.
F 20	14 53	15 14	1 59	10 47	3 38	19 12	1 21	23 59	2 43	18 28	1 41	2 14	2 17	9 25	0 28	23 27	0 20	6 4	9 2	22 11	22 24	10 40			n.a.
S 21	14 34	10 38	2 56	11 9	3 32	18 52	1 21	24 1	2 42	18 30	1 41	2 16	2 16	9 24	0 28	23 27	0 20	6 4	9 2	22 12	22 24	10 37			n.a.
S 22	14 14	5 40	3 45	11 32	3 24	18 32	1 22	24 4	2 41	18 32	1 41	2 19	2 16	9 24	0 28	23 27	0 20	6 4	9 3	22 13	22 24	10 34			n.a.
M23	13 55	0 29	4 25	11 57	3 15	18 10	1 23	24 7	2 40	18 34	1 41	2 21	2 16	9 24	0 28	23 27	0 20	6 4	9 3	22 14	22 25	10 31			n.a.
T 24	13 35	4n43	4 53	12 22	3 4	17 49	1 23	24 9	2 39	18 37	1 41	2 24	2 16	9 24	0 28	23 27	0 20	6 3	9 3	22 15	22 25	10 28			n.a.
W25	13 15	9 49	5 8	12 48	2 52	17 27	1 24	24 12	2 38	18 39	1 41	2 27	2 16	9 23	0 28	23 27	0 20	6 3	9 3	22 15	22 26	10 25			n.a.
T 26	12 55	14 36	5 10	13 14	2 39	17 4	1 24	24 15	2 37	18 41	1 41	2 29	2 15	9 23	0 28	23 27	0 20	6 3	9 3	22 16	22 26	10 23			n.a.
F 27	12 34	18 52	4 58	13 40	2 25	16 41	1 25	24 18	2 36	18 43	1 40	2 32	2 15	9 23	0 28	23 27	0 20	6 3	9 4	22 17	22 27	10 20			n.a.
S 28	12s14	22n22	4n30	14s 5	2n11	16s17	1s25	24n20	2n35	18n45	1n40	2n35	2s15	9s22	0n28	23n27	0s20	6s 2	9n 4	22s17	22s27	10s17			n.a.

Julian Day Number = 1279136.5, Delta T = 08h09m50s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'20, Lahiri = -20°40'19 Julian Calendar 1 Feb. 1211 BCE == Greg. Calendar 21 Jan. 1211 BCE

The year -1210 astronomical counting style corresponds to year 1211 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1211 BCE
geocentric

MARCH 1211 BCE (-1210) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 49 26	29♒22'56	3♊ 2	15°R55	21♒34	7♊ 5	13°R 2	11♈40	24°R55	25°R57	8°R39	20°D15	19♉ 2	25♒48	n.a.	S 1
M 2	9 53 23	0♓21'40	16°25	15♒27	22°48	7°27	12♌55	11°47	24♎54	25♊57	8♏39	20♉16	18°59	25°55	n.a.	M 2
T 3	9 57 20	1°20'22	0♋14	15° 4	24° 2	7°49	12°48	11°54	24°53	25°56	8°38	20°17	18°56	26° 2	n.a.	T 3
W 4	10 1 16	2°19'01	14°29	14°46	25°16	8°11	12°41	12° 0	24°51	25°56	8°38	20°R18	18°53	26° 8	n.a.	W 4
T 5	10 5 13	3°17'38	29° 8	14°34	26°30	8°34	12°34	12° 7	24°50	25°55	8°37	20°18	18°50	26°15	n.a.	T 5
F 6	10 9 9	4°16'12	14♌ 8	14°27	27°44	8°57	12°27	12°14	24°49	25°55	8°37	20°16	18°47	26°22	n.a.	F 6
S 7	10 13 6	5°14'45	29°21	14°D25	28°58	9°20	12°20	12°21	24°48	25°55	8°37	20°12	18°43	26°28	n.a.	S 7
S 8	10 17 2	6°13'15	14♍38	14°29	0♓12	9°44	12°14	12°28	24°46	25°54	8°36	20° 6	18°40	26°35	n.a.	S 8
M 9	10 20 59	7°11'43	29°47	14°37	1°26	10° 8	12° 7	12°35	24°45	25°54	8°36	19°59	18°37	26°42	n.a.	M 9
T 10	10 24 55	8°10'09	14♎38	14°51	2°40	10°32	12° 1	12°42	24°44	25°54	8°35	19°52	18°34	26°48	n.a.	T 10
W11	10 28 52	9° 8'33	29° 5	15° 9	3°54	10°56	11°54	12°49	24°42	25°53	8°34	19°46	18°31	26°55	n.a.	W11
T 12	10 32 48	10° 6'56	13♏ 4	15°32	5° 8	11°21	11°48	12°56	24°41	25°53	8°34	19°41	18°28	27° 2	n.a.	T 12
F 13	10 36 45	11° 5'17	26°32	16° 0	6°22	11°46	11°42	13° 3	24°39	25°53	8°33	19°38	18°24	27° 8	n.a.	F 13
S 14	10 40 42	12° 3'36	9♐34	16°31	7°36	12°11	11°36	13°10	24°38	25°53	8°33	19°D36	18°21	27°15	n.a.	S 14
S 15	10 44 38	13° 1'54	22°11	17° 7	8°50	12°36	11°31	13°17	24°36	25°53	8°32	19°37	18°18	27°22	n.a.	S 15
M16	10 48 35	14° 0'10	4♑29	17°47	10° 4	13° 2	11°25	13°24	24°34	25°52	8°31	19°38	18°15	27°28	n.a.	M16
T 17	10 52 31	14°58'24	16°32	18°30	11°18	13°27	11°20	13°32	24°33	25°52	8°30	19°R39	18°12	27°35	n.a.	T 17
W18	10 56 28	15°56'37	28°26	19°17	12°32	13°53	11°14	13°39	24°31	25°D52	8°30	19°38	18° 8	27°42	n.a.	W18
T 19	11 0 24	16°54'48	10♒15	20° 7	13°46	14°20	11° 9	13°46	24°29	25°52	8°29	19°36	18° 5	27°49	n.a.	T 19
F 20	11 4 21	17°52'57	22° 3	21° 1	15° 0	14°46	11° 4	13°54	24°27	25°52	8°28	19°31	18° 2	27°55	n.a.	F 20
S 21	11 8 17	18°51'04	3♓52	21°58	16°14	15°13	10°59	14° 1	24°26	25°53	8°27	19°24	17°59	28° 2	n.a.	S 21
S 22	11 12 14	19°49'10	15°44	22°57	17°28	15°40	10°54	14° 9	24°24	25°53	8°26	19°14	17°56	28° 9	n.a.	S 22
M23	11 16 11	20°47'13	27°42	24° 0	18°42	16° 7	10°50	14°16	24°22	25°53	8°25	19° 3	17°53	28°15	n.a.	M23
T 24	11 20 7	21°45'15	9♈47	25° 5	19°56	16°34	10°45	14°24	24°20	25°53	8°24	18°52	17°49	28°22	n.a.	T 24
W25	11 24 4	22°43'15	22° 0	26°13	21°10	17° 2	10°41	14°31	24°18	25°53	8°23	18°40	17°46	28°29	n.a.	W25
T 26	11 28 0	23°41'14	4♉23	27°24	22°23	17°30	10°37	14°39	24°16	25°53	8°22	18°30	17°43	28°35	n.a.	T 26
F 27	11 31 57	24°39'10	16°56	28°37	23°37	17°58	10°33	14°46	24°14	25°54	8°21	18°22	17°40	28°42	n.a.	F 27
S 28	11 35 53	25°37'05	29°43	29°52	24°51	18°26	10°29	14°54	24°12	25°54	8°20	18°17	17°37	28°49	n.a.	S 28
S 29	11 39 50	26°34'57	12♊44	1♓10	26° 5	18°54	10°26	15° 2	24°10	25°54	8°19	18°14	17°34	28°55	n.a.	S 29
M30	11 43 46	27°32'48	26° 4	2°30	27°19	19°23	10°22	15° 9	24° 8	25°55	8°18	18°D14	17°30	29° 2	n.a.	M30
T 31	11 47 43	28♓30'37	9♋44	3♓53	28♓33	19♊51	10♌19	15♈17	24♎ 6	25♊55	8♏17	18♉14	17♉27	29♒ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11s53	24n51	3n49	14s29	1n56	15s53	1s25	24n23	2n34	18n47	1n40	2n38	2s15	9s22	0n28	23n27	0s20	6s 2	9n 4	22s17	22s28	10s14			n.a.
M 2	11 32	26 1	2 54	14 52	1 41	15 29	1 25	24 26	2 33	18 49	1 40	2 40	2 15	9 21	0 28	23 27	0 20	6 2	9 4	22 17	22 28	10 11			n.a.
T 3	11 11	25 37	1 47	15 14	1 25	15 4	1 25	24 29	2 32	18 51	1 40	2 43	2 14	9 21	0 28	23 27	0 20	6 2	9 4	22 17	22 29	10 8			n.a.
W 4	10 49	23 34	0 32	15 34	1 10	14 39	1 26	24 31	2 31	18 53	1 40	2 46	2 14	9 21	0 28	23 27	0 20	6 1	9 5	22 17	22 29	10 5			n.a.
T 5	10 28	19 54	0s48	15 52	0 54	14 13	1 26	24 34	2 30	18 55	1 40	2 49	2 14	9 20	0 28	23 27	0 20	6 1	9 5	22 17	22 29	10 2			n.a.
F 6	10 6	14 52	2 6	16 9	0 39	13 48	1 25	24 37	2 29	18 57	1 40	2 52	2 14	9 20	0 28	23 27	0 20	6 1	9 5	22 17	22 30	9 59			n.a.
S 7	9 45	8 51	3 15	16 24	0 24	13 21	1 25	24 40	2 28	18 59	1 40	2 55	2 14	9 19	0 28	23 27	0 20	6 0	9 5	22 17	22 30	9 56			n.a.
S 8	9 23	2 18	4 11	16 37	0 9	12 55	1 25	24 42	2 27	19 1	1 40	2 58	2 14	9 19	0 28	23 27	0 20	6 0	9 5	22 18	22 31	9 53			n.a.
M 9	9 1	4s19	4 49	16 48	0s 5	12 28	1 25	24 45	2 26	19 2	1 40	3 0	2 13	9 18	0 28	23 27	0 20	6 0	9 5	22 19	22 31	9 50			n.a.
T 10	8 39	10 33	5 7	16 57	0 18	12 0	1 25	24 48	2 25	19 4	1 40	3 3	2 13	9 18	0 28	23 27	0 20	5 59	9 6	22 20	22 32	9 47			n.a.
W11	8 16	16 3	5 4	17 4	0 31	11 33	1 24	24 51	2 25	19 6	1 40	3 6	2 13	9 17	0 28	23 27	0 20	5 59	9 6	22 21	22 32	9 44			n.a.
T 12	7 54	20 30	4 43	17 9	0 44	11 5	1 24	24 53	2 24	19 8	1 40	3 9	2 13	9 16	0 28	23 27	0 19	5 59	9 6	22 22	22 33	9 41			n.a.
F 13	7 32	23 42	4 7	17 12	0 56	10 36	1 23	24 56	2 23	19 9	1 39	3 12	2 13	9 16	0 29	23 27	0 19	5 58	9 6	22 23	22 33	9 39			n.a.
S 14	7 9	25 32	3 19	17 13	1 7	10 8	1 23	24 58	2 22	19 11	1 39	3 15	2 13	9 15	0 29	23 27	0 19	5 58	9 6	22 23	22 33	9 36			n.a.
S 15	6 46	25 58	2 22	17 12	1 18	9 39	1 22	25 1	2 21	19 12	1 39	3 18	2 12	9 15	0 29	23 27	0 19	5 58	9 6	22 23	22 34	9 33			n.a.
M16	6 24	25 6	1 21	17 9	1 28	9 10	1 21	25 3	2 20	19 14	1 39	3 21	2 12	9 14	0 29	23 27	0 19	5 57	9 7	22 23	22 34	9 30			n.a.
T 17	6 1	23 4	0 17	17 4	1 37	8 41	1 21	25 6	2 19	19 15	1 39	3 24	2 12	9 13	0 29	23 27	0 19	5 57	9 7	22 22	22 35	9 27			n.a.
W18	5 38	20 3	0n47	16 57	1 46	8 11	1 20	25 8	2 18	19 17	1 39	3 27	2 12	9 13	0 29	23 27	0 19	5 56	9 7	22 23	22 35	9 24			n.a.
T 19	5 15	16 14	1 48	16 49	1 54	7 42	1 19	25 10	2 17	19 18	1 39	3 30	2 12	9 12	0 29	23 27	0 19	5 56	9 7	22 23	22 36	9 21			n.a.
F 20	4 52	11 48	2 44	16 39	2 1	7 12	1 18	25 13	2 16	19 19	1 39	3 33	2 12	9 11	0 29	23 27	0 19	5 56	9 7	22 24	22 36	9 18			n.a.
S 21	4 29	6 57	3 34	16 26	2 8	6 42	1 17	25 15	2 16	19 20	1 38	3 36	2 12	9 11	0 29	23 27	0 19	5 55	9 7	22 25	22 37	9 15			n.a.
S 22	4 6	1 50	4 14	16 12	2 14	6 12	1 16	25 17	2 15	19 22	1 38	3 39	2 11	9 10	0 29	23 27	0 19	5 55	9 7	22 26	22 37	9 12			n.a.
M23	3 43	3n23	4 43	15 56	2 20	5 41	1 15	25 19	2 14	19 23	1 38	3 42	2 11	9 9	0 29	23 27	0 19	5 54	9 8	22 28	22 37	9 9			n.a.
T 24	3 19	8 31	4 59	15 38	2 25	5 11	1 14	25 21	2 13	19 24	1 38	3 45	2 11	9 9	0 29	23 27	0 19	5 54	9 8	22 29	22 38	9 6			n.a.
W25	2 56	13 22	5 2	15 19	2 29	4 40	1 12	25 23	2 12	19 25	1 38	3 48	2 11	9 8	0 29	23 27	0 19	5 54	9 8	22 31	22 38	9 3			n.a.
T 26	2 33	17 45	4 52	14 58	2 32	4 9	1 11	25 25	2 11	19 26	1 38	3 51	2 11	9 7	0 29	23 27	0 19	5 53	9 8	22 32	22 39	9 0			n.a.
F 27	2 10	21 25	4 27	14 34	2 35	3 38	1 10	25 27	2 10	19 27	1 37	3 55	2 11	9 6	0 29	23 27	0 19	5 53	9 8	22 33	22 39	8 57			n.a.
S 28	1 46	24 8	3 48	14 10	2 38	3 7	1 8	25 29	2 10	19 28	1 37	3 58	2 11	9 6	0 29	23 27	0 19	5 52	9 8	22 34	22 39	8 54			n.a.
S 29	1 23	25 38	2 57	13 43	2 40	2 36	1 7	25 30	2 9	19 28	1 37	4 1	2 11	9 5	0 29	23 27	0 19	5 52	9 8	22 34	22 40	8 51			n.a.
M30	0 59	25 42	1 55	13 15	2 41	2 5	1 6	25 32	2 8	19 29	1 37	4 4	2 11	9 4	0 29	23 27	0 19	5 51	9 8	22 35	22 40	8 48			n.a.
T 31	0s36	24n13	0n45	12s45	2s41	1s34	1s 4	25n33	2n 7	19n30	1n37	4n 7	2s10	9s 3	0n29	23n27	0s19	5s51	9n 8	22s34	22s41	8s45			n.a.

Julian Day Number = 1279164.5, Delta T = 08h09m48s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'16, Lahiri = -20°40'16 Julian Calendar 1 March 1211 BCE == Greg. Calendar 18 Feb. 1211 BCE

The year -1210 astronomical counting style corresponds to year 1211 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1211 BCE
geocentric

APRIL 1211 BCE (-1210) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 51 39	29♓28'23	23♋46	5♓17	29♓46	20♊20	10°R16	15♈25	24°R 3	25♊55	8°R16	18°R14	17♉24	29♒15	n.a.	W 1
T 2	11 55 36	0♈26'08	8♌10	6°44	1♈ 0	20°49	10♌13	15°33	24♎ 1	25°56	8♏15	18♉13	17°21	29°22	n.a.	T 2
F 3	11 59 33	1°23'51	22°54	8°13	2°14	21°18	10°10	15°40	23°59	25°56	8°14	18° 9	17°18	29°29	n.a.	F 3
S 4	12 3 29	2°21'32	7♍53	9°44	3°28	21°48	10° 8	15°48	23°57	25°57	8°13	18° 3	17°14	29°35	n.a.	S 4
S 5	12 7 26	3°19'12	22°59	11°18	4°42	22°17	10° 5	15°56	23°54	25°58	8°11	17°54	17°11	29°42	n.a.	S 5
M 6	12 11 22	4°16'50	8♎ 2	12°53	5°55	22°47	10° 3	16° 4	23°52	25°58	8°10	17°44	17° 8	29°49	n.a.	M 6
T 7	12 15 19	5°14'26	22°53	14°31	7° 9	23°16	10° 1	16°12	23°50	25°59	8° 9	17°33	17° 5	29°55	n.a.	T 7
W 8	12 19 15	6°12'02	7♏22	16°10	8°23	23°46	9°59	16°19	23°48	25°59	8° 8	17°23	17° 2	0♓ 2	n.a.	W 8
T 9	12 23 12	7° 9'36	21°25	17°52	9°37	24°17	9°57	16°27	23°45	26° 0	8° 6	17°15	16°59	0° 9	n.a.	T 9
F 10	12 27 8	8° 7'09	4♐59	19°36	10°50	24°47	9°56	16°35	23°43	26° 1	8° 5	17° 9	16°55	0°15	n.a.	F 10
S 11	12 31 5	9° 4'40	18° 5	21°22	12° 4	25°17	9°55	16°43	23°41	26° 2	8° 4	17° 6	16°52	0°22	n.a.	S 11
S 12	12 35 2	10° 2'11	0♑45	23°10	13°18	25°48	9°53	16°51	23°38	26° 2	8° 2	17° 4	16°49	0°29	n.a.	S 12
M13	12 38 58	10°59'41	13° 5	25° 0	14°31	26°18	9°52	16°59	23°36	26° 3	8° 1	17° 4	16°46	0°36	n.a.	M13
T 14	12 42 55	11°57'10	25° 9	26°52	15°45	26°49	9°52	17° 7	23°33	26° 4	8° 0	17° 4	16°43	0°42	n.a.	T 14
W15	12 46 51	12°54'37	7♒ 2	28°46	16°59	27°20	9°51	17°15	23°31	26° 5	7°58	17° 3	16°39	0°49	n.a.	W15
T 16	12 50 48	13°52'04	18°51	0♈42	18°13	27°51	9°51	17°22	23°29	26° 6	7°57	17° 0	16°36	0°56	n.a.	T 16
F 17	12 54 44	14°49'30	0♓39	2°41	19°26	28°22	9°50	17°30	23°26	26° 7	7°55	16°54	16°33	1° 2	n.a.	F 17
S 18	12 58 41	15°46'55	12°31	4°41	20°40	28°54	9°D50	17°38	23°24	26° 8	7°54	16°46	16°30	1° 9	n.a.	S 18
S 19	13 2 37	16°44'18	24°29	6°43	21°54	29°25	9°51	17°46	23°21	26° 9	7°53	16°35	16°27	1°16	n.a.	S 19
M20	13 6 34	17°41'41	6♈36	8°47	23° 7	29°57	9°51	17°54	23°19	26°10	7°51	16°22	16°24	1°22	n.a.	M20
T 21	13 10 31	18°39'03	18°52	10°52	24°21	0♋29	9°51	18° 2	23°16	26°11	7°50	16° 9	16°20	1°29	n.a.	T 21
W22	13 14 27	19°36'23	1♉19	12°59	25°35	1° 1	9°52	18°10	23°14	26°12	7°48	15°56	16°17	1°36	n.a.	W22
T 23	13 18 24	20°33'43	13°57	15° 7	26°48	1°33	9°53	18°18	23°11	26°13	7°47	15°44	16°14	1°42	n.a.	T 23
F 24	13 22 20	21°31'02	26°46	17°17	28° 2	2° 5	9°54	18°26	23° 9	26°14	7°45	15°35	16°11	1°49	n.a.	F 24
S 25	13 26 17	22°28'20	9♊46	19°27	29°16	2°37	9°55	18°34	23° 6	26°15	7°44	15°28	16° 8	1°56	n.a.	S 25
S 26	13 30 13	23°25'36	22°59	21°38	0♉29	3° 9	9°56	18°42	23° 4	26°16	7°42	15°24	16° 5	2° 2	n.a.	S 26
M27	13 34 10	24°22'52	6♋25	23°50	1°43	3°42	9°58	18°50	23° 1	26°18	7°41	15°23	16° 1	2° 9	n.a.	M27
T 28	13 38 6	25°20'06	20° 5	26° 1	2°57	4°14	10° 0	18°57	22°59	26°19	7°39	15°23	15°58	2°16	n.a.	T 28
W29	13 42 3	26°17'19	4♌ 1	28°13	4°10	4°47	10° 2	19° 5	22°56	26°20	7°37	15°23	15°55	2°22	n.a.	W29
T 30	13 46 0	27♈14'31	18♌13	0♉24	5♉24	5♋20	10♌ 4	19♈13	22♎54	26♊21	7♏36	15♉22	15♉52	2♓29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	0s13	21n14	0s29	12s13	2s41	1s 3	1s 2	25n35	2n 6	19n31	1n37	4n10	2s10	9s 2	0n29	23n28	0s19	5s51	9n 9	22s34	22s41	8s42			n.a.
T 2	0n11	16 51	1 44	11 40	2 40	0 31	1 1	25 36	2 5	19 31	1 36	4 13	2 10	9 2	0 29	23 28	0 19	5 50	9 9	22 35	22 42	8 39			n.a.
F 3	0 34	11 23	2 53	11 5	2 39	0n 0	0 59	25 37	2 5	19 32	1 36	4 16	2 10	9 1	0 29	23 28	0 19	5 50	9 9	22 35	22 42	8 37			n.a.
S 4	0 57	5 11	3 51	10 28	2 37	0 31	0 58	25 38	2 4	19 32	1 36	4 19	2 10	9 0	0 29	23 28	0 19	5 49	9 9	22 36	22 42	8 34			n.a.
S 5	1 20	1s21	4 34	9 50	2 35	1 3	0 56	25 39	2 3	19 33	1 36	4 22	2 10	8 59	0 29	23 28	0 19	5 49	9 9	22 37	22 43	8 31			n.a.
M 6	1 44	7 46	4 57	9 10	2 32	1 34	0 54	25 40	2 2	19 33	1 36	4 26	2 10	8 58	0 29	23 28	0 19	5 48	9 9	22 39	22 43	8 28			n.a.
T 7	2 7	13 40	5 0	8 28	2 28	2 5	0 52	25 41	2 1	19 34	1 35	4 29	2 10	8 57	0 29	23 28	0 19	5 48	9 9	22 40	22 44	8 25			n.a.
W 8	2 30	18 39	4 43	7 45	2 24	2 37	0 50	25 42	2 0	19 34	1 35	4 32	2 10	8 57	0 29	23 28	0 19	5 47	9 9	22 41	22 44	8 22			n.a.
T 9	2 53	22 26	4 10	7 0	2 19	3 8	0 48	25 42	2 0	19 34	1 35	4 35	2 10	8 56	0 29	23 28	0 19	5 47	9 9	22 42	22 44	8 19			n.a.
F 10	3 16	24 49	3 23	6 14	2 14	3 39	0 46	25 43	1 59	19 34	1 35	4 38	2 10	8 55	0 29	23 28	0 19	5 46	9 9	22 43	22 45	8 16			n.a.
S 11	3 39	25 44	2 27	5 26	2 8	4 10	0 44	25 43	1 58	19 34	1 34	4 41	2 10	8 54	0 29	23 28	0 19	5 46	9 9	22 44	22 45	8 13			n.a.
S 12	4 2	25 16	1 25	4 37	2 1	4 41	0 42	25 44	1 57	19 35	1 34	4 44	2 9	8 53	0 29	23 28	0 19	5 45	9 9	22 44	22 46	8 10			n.a.
M13	4 25	23 32	0 21	3 46	1 55	5 12	0 40	25 44	1 57	19 35	1 34	4 47	2 9	8 52	0 29	23 28	0 19	5 45	9 9	22 44	22 46	8 7			n.a.
T 14	4 48	20 46	0n43	2 54	1 47	5 43	0 38	25 44	1 56	19 35	1 34	4 51	2 9	8 51	0 29	23 28	0 19	5 45	9 9	22 44	22 46	8 4			n.a.
W15	5 11	17 9	1 44	2 1	1 39	6 13	0 36	25 44	1 55	19 35	1 34	4 54	2 9	8 50	0 29	23 28	0 19	5 44	9 9	22 44	22 47	8 1			n.a.
T 16	5 34	12 54	2 40	1 6	1 31	6 44	0 34	25 43	1 54	19 34	1 33	4 57	2 9	8 49	0 29	23 28	0 19	5 44	9 10	22 44	22 47	7 58			n.a.
F 17	5 56	8 11	3 29	0 10	1 22	7 14	0 32	25 43	1 53	19 34	1 33	5 0	2 9	8 48	0 29	23 28	0 19	5 43	9 10	22 45	22 48	7 55			n.a.
S 18	6 19	3 9	4 9	0n47	1 13	7 45	0 30	25 43	1 53	19 34	1 33	5 3	2 9	8 48	0 29	23 28	0 19	5 43	9 10	22 46	22 48	7 52			n.a.
S 19	6 41	2n 1	4 38	1 44	1 3	8 15	0 27	25 42	1 52	19 34	1 33	5 6	2 9	8 47	0 29	23 28	0 19	5 42	9 10	22 47	22 48	7 49			n.a.
M20	7 3	7 10	4 56	2 43	0 54	8 45	0 25	25 41	1 51	19 34	1 32	5 9	2 9	8 46	0 29	23 28	0 19	5 42	9 10	22 49	22 49	7 46			n.a.
T 21	7 26	12 7	4 59	3 42	0 44	9 14	0 23	25 41	1 50	19 33	1 32	5 12	2 9	8 45	0 29	23 28	0 19	5 41	9 10	22 51	22 49	7 43			n.a.
W22	7 48	16 38	4 49	4 42	0 33	9 44	0 21	25 40	1 50	19 33	1 32	5 15	2 9	8 44	0 29	23 28	0 19	5 41	9 10	22 52	22 50	7 40			n.a.
T 23	8 10	20 30	4 25	5 42	0 23	10 13	0 18	25 39	1 49	19 32	1 32	5 18	2 9	8 43	0 29	23 29	0 19	5 40	9 10	22 54	22 50	7 37			n.a.
F 24	8 32	23 26	3 47	6 43	0 12	10 42	0 16	25 37	1 48	19 32	1 32	5 22	2 9	8 42	0 29	23 29	0 18	5 40	9 10	22 55	22 50	7 34			n.a.
S 25	8 53	25 11	2 56	7 43	0 2	11 11	0 14	25 36	1 47	19 31	1 31	5 25	2 9	8 41	0 29	23 29	0 18	5 39	9 10	22 56	22 51	7 31			n.a.
S 26	9 15	25 34	1 56	8 43	0n 9	11 39	0 11	25 35	1 47	19 31	1 31	5 28	2 9	8 40	0 29	23 29	0 18	5 39	9 10	22 56	22 51	7 28			n.a.
M27	9 36	24 28	0 47	9 42	0 20	12 8	0 9	25 33	1 46	19 30	1 31	5 31	2 9	8 39	0 29	23 29	0 18	5 38	9 10	22 56	22 52	7 25			n.a.
T 28	9 58	21 54	0s25	10 41	0 30	12 36	0 7	25 31	1 45	19 29	1 31	5 34	2 9	8 38	0 29	23 29	0 18	5 38	9 10	22 56	22 52	7 22			n.a.
W29	10 19	18 0	1 37	11 38	0 40	13 3	0 4	25 29	1 44	19 29	1 30	5 37	2 9	8 37	0 29	23 29	0 18	5 38	9 9	22 56	22 52	7 19			n.a.
T 30	10n40	13n 1	2s44	12n34	0n50	13n31	0s 2	25n27	1n44	19n28	1n30	5n40	2s 9	8s36	0n29	23n29	0s18	5s37	9n 9	22s56	22s53	7s16			n.a.

Julian Day Number = 1279195.5, Delta T = 08h09m46s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'12, Lahiri = -20°40'11 Julian Calendar 1 Apr. 1211 BCE == Greg. Calendar 21 March 1211 BCE

The year -1210 astronomical counting style corresponds to year 1211 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1211 BCE
geocentric

MAY 1211 BCE (-1210) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 49 56	28♈11'42	2♍39	2♉35	6♉37	5♋53	10♌ 6	19♈21	22°R51	26♊23	7°R34	15°R18	15♑49	2♓36	n.a.	F 1
S 2	13 53 53	29° 8'52	17°17	4°45	7°51	6°26	10° 9	19°29	22♎49	26°24	7♏33	15♑12	15°45	2°43	n.a.	S 2
S 3	13 57 49	0♉ 6'01	2♎ 1	6°53	9° 4	6°59	10°11	19°37	22°47	26°26	7°31	15° 4	15°42	2°49	n.a.	S 3
M 4	14 1 46	1° 3'09	16°45	9° 0	10°18	7°32	10°14	19°45	22°44	26°27	7°30	14°54	15°39	2°56	n.a.	M 4
T 5	14 5 42	2° 0'17	1♏19	11° 6	11°32	8° 5	10°17	19°52	22°42	26°28	7°28	14°43	15°36	3° 3	n.a.	T 5
W 6	14 9 39	2°57'24	15°36	13°10	12°45	8°39	10°20	20° 0	22°39	26°30	7°27	14°33	15°33	3° 9	n.a.	W 6
T 7	14 13 35	3°54'30	29°32	15°12	13°59	9°12	10°23	20° 8	22°37	26°31	7°25	14°25	15°30	3°16	n.a.	T 7
F 8	14 17 32	4°51'36	13♐ 3	17°13	15°12	9°46	10°27	20°16	22°34	26°33	7°23	14°19	15°26	3°23	n.a.	F 8
S 9	14 21 29	5°48'42	26° 8	19°11	16°26	10°20	10°30	20°24	22°32	26°34	7°22	14°16	15°23	3°29	n.a.	S 9
S 10	14 25 25	6°45'48	8♑50	21° 7	17°39	10°54	10°34	20°31	22°30	26°36	7°20	14°D14	15°20	3°36	n.a.	S 10
M11	14 29 22	7°42'54	21°12	23° 1	18°53	11°28	10°38	20°39	22°27	26°37	7°19	14°14	15°17	3°43	n.a.	M11
T 12	14 33 18	8°39'59	3♒18	24°53	20° 6	12° 2	10°42	20°47	22°25	26°39	7°17	14°R15	15°14	3°49	n.a.	T 12
W13	14 37 15	9°37'04	15°14	26°43	21°20	12°36	10°46	20°54	22°23	26°41	7°15	14°15	15°11	3°56	n.a.	W13
T 14	14 41 11	10°34'10	27° 4	28°30	22°34	13°10	10°51	21° 2	22°20	26°42	7°14	14°13	15° 7	4° 3	n.a.	T 14
F 15	14 45 8	11°31'15	8♓55	0♊15	23°47	13°44	10°55	21°10	22°18	26°44	7°12	14°10	15° 4	4° 9	n.a.	F 15
S 16	14 49 5	12°28'20	20°50	1°58	25° 1	14°19	11° 0	21°17	22°16	26°46	7°11	14° 4	15° 1	4°16	n.a.	S 16
S 17	14 53 1	13°25'25	2♈54	3°38	26°14	14°53	11° 5	21°25	22°13	26°47	7° 9	13°56	14°58	4°23	n.a.	S 17
M18	14 56 58	14°22'30	15° 8	5°17	27°28	15°28	11°10	21°32	22°11	26°49	7° 7	13°46	14°55	4°30	n.a.	M18
T 19	15 0 54	15°19'35	27°36	6°53	28°41	16° 2	11°15	21°40	22° 9	26°51	7° 6	13°36	14°51	4°36	n.a.	T 19
W20	15 4 51	16°16'41	10♉18	8°26	29°55	16°37	11°21	21°47	22° 7	26°53	7° 4	13°26	14°48	4°43	n.a.	W20
T 21	15 8 47	17°13'46	23°14	9°57	1♊ 8	17°12	11°26	21°55	22° 5	26°54	7° 3	13°17	14°45	4°50	n.a.	T 21
F 22	15 12 44	18°10'51	6♊24	11°26	2°22	17°47	11°32	22° 2	22° 2	26°56	7° 1	13°10	14°42	4°56	n.a.	F 22
S 23	15 16 40	19° 7'56	19°45	12°53	3°35	18°22	11°38	22°10	22° 0	26°58	7° 0	13° 5	14°39	5° 3	n.a.	S 23
S 24	15 20 37	20° 5'01	3♋17	14°17	4°49	18°57	11°44	22°17	21°58	27° 0	6°58	13° 3	14°36	5°10	n.a.	S 24
M25	15 24 34	21° 2'06	17° 0	15°38	6° 2	19°32	11°50	22°24	21°56	27° 2	6°57	13°D 3	14°32	5°16	n.a.	M25
T 26	15 28 30	21°59'11	0♌52	16°58	7°16	20° 8	11°56	22°31	21°54	27° 4	6°55	13° 3	14°29	5°23	n.a.	T 26
W27	15 32 27	22°56'15	14°52	18°14	8°29	20°43	12° 2	22°39	21°52	27° 6	6°54	13° 4	14°26	5°30	n.a.	W27
T 28	15 36 23	23°53'20	29° 0	19°28	9°43	21°19	12° 9	22°46	21°50	27° 7	6°52	13°R 4	14°23	5°36	n.a.	T 28
F 29	15 40 20	24°50'24	13♍15	20°40	10°56	21°54	12°15	22°53	21°48	27° 9	6°51	13° 3	14°20	5°43	n.a.	F 29
S 30	15 44 16	25°47'28	27°34	21°48	12°10	22°30	12°22	23° 0	21°46	27°11	6°49	13° 0	14°16	5°50	n.a.	S 30
S 31	15 48 13	26♉44'32	11♎55	22♊54	13♊23	23♋ 5	12♌29	23♈ 7	21♎44	27♊13	6♏48	12♑54	14♑13	5♓57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n 1	7n15	3s43	13n29	0n59	13n58	0n 1	25n25	1n43	19n27	1n30	5n43	2s 9	8s36	0n29	23n29	0s18	5s37	9n 9	22s57	22s53	7s13		n.a.
S 2	11 21	1 1	4 27	14 23	1 8	14 24	0 3	25 23	1 42	19 26	1 30	5 46	2 9	8 35	0 29	23 29	0 18	5 36	9 9	22 57	22 53	7 10		n.a.
S 3	11 42	5s18	4 54	15 14	1 16	14 51	0 5	25 20	1 41	19 25	1 29	5 49	2 9	8 34	0 28	23 29	0 18	5 36	9 9	22 58	22 54	7 7		n.a.
M 4	12 2	11 18	5 1	16 4	1 24	15 17	0 8	25 18	1 41	19 24	1 29	5 52	2 9	8 33	0 28	23 29	0 18	5 35	9 9	22 59	22 54	7 4		n.a.
T 5	12 22	16 38	4 49	16 51	1 31	15 42	0 10	25 15	1 40	19 23	1 29	5 55	2 9	8 32	0 28	23 29	0 18	5 35	9 9	23 1	22 55	7 1		n.a.
W 6	12 42	20 54	4 19	17 36	1 38	16 7	0 13	25 12	1 39	19 22	1 29	5 58	2 9	8 31	0 28	23 29	0 18	5 34	9 9	23 2	22 55	6 58		n.a.
T 7	13 2	23 52	3 34	18 19	1 44	16 32	0 15	25 9	1 38	19 21	1 29	6 1	2 9	8 30	0 28	23 29	0 18	5 34	9 9	23 3	22 55	6 55		n.a.
F 8	13 21	25 21	2 38	19 0	1 49	16 57	0 17	25 6	1 38	19 20	1 28	6 4	2 9	8 29	0 28	23 29	0 18	5 34	9 9	23 3	22 56	6 52		n.a.
S 9	13 41	25 22	1 35	19 38	1 54	17 21	0 20	25 2	1 37	19 18	1 28	6 7	2 9	8 28	0 28	23 29	0 18	5 33	9 9	23 4	22 56	6 49		n.a.
S 10	14 0	24 1	0 29	20 14	1 58	17 44	0 22	24 59	1 36	19 17	1 28	6 10	2 9	8 27	0 28	23 30	0 18	5 33	9 9	23 4	22 56	6 47		n.a.
M11	14 19	21 32	0n37	20 47	2 1	18 7	0 25	24 55	1 36	19 16	1 28	6 12	2 9	8 27	0 28	23 30	0 18	5 32	9 9	23 4	22 57	6 44		n.a.
T 12	14 38	18 8	1 40	21 18	2 4	18 30	0 27	24 51	1 35	19 15	1 27	6 15	2 9	8 26	0 28	23 30	0 18	5 32	9 9	23 4	22 57	6 41		n.a.
W13	14 56	14 2	2 37	21 47	2 5	18 52	0 29	24 48	1 34	19 13	1 27	6 18	2 9	8 25	0 28	23 30	0 18	5 31	9 8	23 4	22 58	6 38		n.a.
T 14	15 14	9 27	3 28	22 13	2 7	19 14	0 32	24 43	1 33	19 12	1 27	6 21	2 9	8 24	0 28	23 30	0 18	5 31	9 8	23 4	22 58	6 35		n.a.
F 15	15 32	4 31	4 9	22 37	2 7	19 35	0 34	24 39	1 33	19 10	1 27	6 24	2 9	8 23	0 28	23 30	0 18	5 31	9 8	23 4	22 58	6 32		n.a.
S 16	15 50	0n35	4 40	22 58	2 7	19 55	0 36	24 35	1 32	19 9	1 27	6 27	2 9	8 22	0 28	23 30	0 18	5 30	9 8	23 5	22 59	6 29		n.a.
S 17	16 8	5 43	4 59	23 18	2 6	20 15	0 38	24 30	1 31	19 7	1 26	6 30	2 9	8 21	0 28	23 30	0 18	5 30	9 8	23 6	22 59	6 26		n.a.
M18	16 25	10 43	5 4	23 35	2 5	20 35	0 41	24 25	1 30	19 5	1 26	6 32	2 9	8 21	0 28	23 30	0 18	5 30	9 8	23 7	22 59	6 23		n.a.
T 19	16 42	15 22	4 55	23 50	2 2	20 54	0 43	24 21	1 30	19 4	1 26	6 35	2 9	8 20	0 28	23 30	0 18	5 29	9 8	23 8	23 0	6 20		n.a.
W20	16 59	19 27	4 32	24 3	2 0	21 12	0 45	24 16	1 29	19 2	1 26	6 38	2 9	8 19	0 28	23 30	0 18	5 29	9 8	23 9	23 0	6 17		n.a.
T 21	17 16	22 40	3 54	24 14	1 56	21 30	0 47	24 10	1 28	19 0	1 25	6 41	2 9	8 18	0 28	23 30	0 18	5 28	9 7	23 10	23 0	6 14		n.a.
F 22	17 32	24 45	3 3	24 23	1 52	21 47	0 49	24 5	1 28	18 59	1 25	6 44	2 9	8 17	0 28	23 30	0 18	5 28	9 7	23 11	23 1	6 11		n.a.
S 23	17 48	25 27	2 2	24 30	1 47	22 4	0 52	23 59	1 27	18 57	1 25	6 46	2 9	8 17	0 28	23 30	0 18	5 28	9 7	23 11	23 1	6 8		n.a.
S 24	18 4	24 40	0 52	24 35	1 42	22 20	0 54	23 54	1 26	18 55	1 25	6 49	2 9	8 16	0 28	23 30	0 18	5 27	9 7	23 11	23 1	6 5		n.a.
M25	18 19	22 23	0s21	24 39	1 36	22 35	0 56	23 48	1 26	18 53	1 25	6 52	2 10	8 15	0 28	23 30	0 18	5 27	9 7	23 11	23 2	6 2		n.a.
T 26	18 34	18 46	1 34	24 41	1 30	22 50	0 58	23 42	1 25	18 51	1 24	6 54	2 10	8 14	0 28	23 31	0 18	5 27	9 7	23 11	23 2	5 59		n.a.
W27	18 49	14 3	2 43	24 41	1 23	23 4	1 0	23 36	1 24	18 49	1 24	6 57	2 10	8 13	0 28	23 31	0 18	5 26	9 6	23 11	23 3	5 56		n.a.
T 28	19 3	8 33	3 42	24 40	1 15	23 18	1 2	23 30	1 23	18 47	1 24	7 0	2 10	8 13	0 28	23 31	0 18	5 26	9 6	23 11	23 3	5 53		n.a.
F 29	19 18	2 35	4 28	24 37	1 7	23 30	1 4	23 23	1 23	18 45	1 24	7 2	2 10	8 12	0 28	23 31	0 18	5 26	9 6	23 11	23 3	5 50		n.a.
S 30	19 32	3s33	4 57	24 33	0 58	23 42	1 5	23 16	1 22	18 43	1 24	7 5	2 10	8 11	0 28	23 31	0 18	5 26	9 6	23 12	23 4	5 47		n.a.
S 31	19n45	9s29	5s 8	24n28	0n49	23n54	1n 7	23n10	1n21	18n40	1n23	7n 7	2s10	8s11	0n28	23n31	0s18	5s25	9n 6	23s12	23s 4	5s44		n.a.

Julian Day Number = 1279225.5, Delta T = 08h09m45s
Ecliptic obliquity = 23°50'22, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'08, Lahiri = -20°40'07 Julian Calendar 1 May 1211 BCE == Greg. Calendar 20 Apr. 1211 BCE

The year -1210 astronomical counting style corresponds to year 1211 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1211 BCE
geocentric

JUNE 1211 BCE (-1210) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 52 10	27♉41'36	26♎11	23♊57	14♊36	23♋41	12♌36	23♈14	21°R42	27♊15	6°R46	12°R48	14♐10	6♓ 3	n.a.	M 1
T 2	15 56 6	28°38'41	10♏20	24°57	15°50	24°17	12°43	23°21	21♎41	27°17	6♏45	12♐41	14° 7	6°10	n.a.	T 2
W 3	16 0 3	29°35'46	24°15	25°54	17° 3	24°53	12°50	23°28	21°39	27°19	6°43	12°35	14° 4	6°17	n.a.	W 3
T 4	16 3 59	0♊32'51	7♐52	26°48	18°17	25°29	12°58	23°35	21°37	27°21	6°42	12°29	14° 1	6°23	n.a.	T 4
F 5	16 7 56	1°29'57	21°10	27°39	19°30	26° 5	13° 5	23°42	21°35	27°23	6°40	12°25	13°57	6°30	n.a.	F 5
S 6	16 11 52	2°27'03	4♑ 8	28°26	20°44	26°41	13°13	23°49	21°34	27°25	6°39	12°24	13°54	6°37	n.a.	S 6
S 7	16 15 49	3°24'10	16°46	29° 9	21°57	27°18	13°21	23°56	21°32	27°27	6°38	12°D23	13°51	6°43	n.a.	S 7
M 8	16 19 45	4°21'18	29° 6	29°49	23°10	27°54	13°29	24° 2	21°30	27°30	6°36	12°24	13°48	6°50	n.a.	M 8
T 9	16 23 42	5°18'26	11♒13	0♋25	24°24	28°30	13°37	24° 9	21°29	27°32	6°35	12°26	13°45	6°57	n.a.	T 9
W10	16 27 39	6°15'36	23°10	0°57	25°37	29° 7	13°45	24°16	21°27	27°34	6°34	12°27	13°42	7° 4	n.a.	W10
T 11	16 31 35	7°12'46	5♓ 2	1°25	26°51	29°43	13°53	24°22	21°26	27°36	6°32	12°R28	13°38	7°10	n.a.	T 11
F 12	16 35 32	8° 9'57	16°54	1°48	28° 4	0♌20	14° 2	24°29	21°24	27°38	6°31	12°28	13°35	7°17	n.a.	F 12
S 13	16 39 28	9° 7'09	28°51	2° 7	29°17	0°57	14°10	24°35	21°23	27°40	6°30	12°26	13°32	7°24	n.a.	S 13
S 14	16 43 25	10° 4'22	10♈58	2°21	0♋31	1°34	14°19	24°41	21°22	27°42	6°29	12°23	13°29	7°30	n.a.	S 14
M15	16 47 21	11° 1'36	23°18	2°31	1°44	2°11	14°27	24°48	21°20	27°44	6°27	12°19	13°26	7°37	n.a.	M15
T 16	16 51 18	11°58'51	5♉54	2°R36	2°57	2°48	14°36	24°54	21°19	27°46	6°26	12°14	13°22	7°44	n.a.	T 16
W17	16 55 14	12°56'07	18°47	2°36	4°11	3°25	14°45	25° 0	21°18	27°49	6°25	12° 9	13°19	7°50	n.a.	W17
T 18	16 59 11	13°53'24	2♊ 0	2°30	5°24	4° 2	14°54	25° 6	21°17	27°51	6°24	12° 5	13°16	7°57	n.a.	T 18
F 19	17 3 8	14°50'43	15°29	2°20	6°37	4°39	15° 3	25°13	21°16	27°53	6°23	12° 2	13°13	8° 4	n.a.	F 19
S 20	17 7 4	15°48'02	29°14	2° 5	7°51	5°16	15°12	25°19	21°14	27°55	6°21	12° 0	13°10	8°11	n.a.	S 20
S 21	17 11 1	16°45'22	13♋12	1°45	9° 4	5°54	15°22	25°25	21°13	27°57	6°20	11°D59	13° 7	8°17	n.a.	S 21
M22	17 14 57	17°42'43	27°19	1°20	10°17	6°31	15°31	25°30	21°12	28° 0	6°19	12° 0	13° 3	8°24	n.a.	M22
T 23	17 18 54	18°40'05	11♌32	0°50	11°31	7° 8	15°41	25°36	21°11	28° 2	6°18	12° 1	13° 0	8°31	n.a.	T 23
W24	17 22 50	19°37'27	25°48	0°16	12°44	7°46	15°50	25°42	21°11	28° 4	6°17	12° 3	12°57	8°37	n.a.	W24
T 25	17 26 47	20°34'50	10♍ 3	29♊39	13°57	8°24	16° 0	25°48	21°10	28° 6	6°16	12° 4	12°54	8°44	n.a.	T 25
F 26	17 30 44	21°32'14	24°17	28°58	15°10	9° 1	16°10	25°53	21° 9	28° 8	6°15	12°R 4	12°51	8°51	n.a.	F 26
S 27	17 34 40	22°29'39	8♎25	28°14	16°24	9°39	16°20	25°59	21° 8	28°11	6°14	12° 3	12°48	8°57	n.a.	S 27
S 28	17 38 37	23°27'05	22°26	27°29	17°37	10°17	16°30	26° 4	21° 7	28°13	6°13	12° 2	12°44	9° 4	n.a.	S 28
M29	17 42 33	24°24'32	6♏19	26°42	18°50	10°55	16°40	26°10	21° 7	28°15	6°12	12° 0	12°41	9°11	n.a.	M29
T 30	17 46 30	25♊22'00	20♏ 0	25♊55	20♋ 3	11♌33	16♌50	26♈15	21♎ 6	28♊17	6♏11	11♑57	12♑38	9♓18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n58	14s55	5s 0	24n21	0n39	24n 5	1n 9	23n 3	1n21	18n38	1n23	7n10	2s10	8s10	0n28	23n31	0s18	5s25	9n 5	23s13	23s 4	5s41		n.a.
T 2	20 11	19 28	4 33	24 14	0 29	24 15	1 11	22 56	1 20	18 36	1 23	7 13	2 10	8 9	0 28	23 31	0 18	5 25	9 5	23 13	23 5	5 38		n.a.
W 3	20 24	22 52	3 51	24 5	0 18	24 24	1 12	22 48	1 19	18 34	1 23	7 15	2 10	8 9	0 28	23 31	0 18	5 24	9 5	23 14	23 5	5 35		n.a.
T 4	20 36	24 53	2 56	23 55	0 7	24 32	1 14	22 41	1 19	18 31	1 23	7 18	2 10	8 8	0 28	23 31	0 18	5 24	9 5	23 14	23 5	5 32		n.a.
F 5	20 48	25 25	1 53	23 45	0s 4	24 40	1 16	22 33	1 18	18 29	1 23	7 20	2 10	8 7	0 28	23 31	0 18	5 24	9 4	23 15	23 6	5 29		n.a.
S 6	21 0	24 31	0 45	23 33	0 16	24 47	1 17	22 26	1 17	18 27	1 22	7 22	2 11	8 7	0 28	23 31	0 18	5 24	9 4	23 15	23 6	5 26		n.a.
S 7	21 11	22 22	0n24	23 21	0 29	24 54	1 19	22 18	1 16	18 24	1 22	7 25	2 11	8 6	0 28	23 31	0 18	5 24	9 4	23 15	23 6	5 23		n.a.
M 8	21 22	19 13	1 30	23 9	0 42	24 59	1 20	22 10	1 16	18 22	1 22	7 27	2 11	8 6	0 28	23 31	0 18	5 23	9 4	23 15	23 7	5 20		n.a.
T 9	21 33	15 17	2 30	22 56	0 55	25 4	1 21	22 2	1 15	18 19	1 22	7 30	2 11	8 5	0 28	23 31	0 18	5 23	9 4	23 15	23 7	5 17		n.a.
W10	21 43	10 49	3 24	22 42	1 8	25 9	1 23	21 53	1 14	18 17	1 22	7 32	2 11	8 4	0 28	23 31	0 18	5 23	9 3	23 15	23 7	5 14		n.a.
T 11	21 53	5 59	4 8	22 28	1 22	25 12	1 24	21 45	1 14	18 14	1 21	7 34	2 11	8 4	0 28	23 31	0 18	5 23	9 3	23 15	23 8	5 11		n.a.
F 12	22 2	0 56	4 42	22 14	1 36	25 15	1 25	21 36	1 13	18 11	1 21	7 37	2 11	8 3	0 28	23 31	0 18	5 23	9 3	23 15	23 8	5 8		n.a.
S 13	22 11	4n10	5 3	22 0	1 50	25 17	1 26	21 27	1 12	18 9	1 21	7 39	2 11	8 3	0 28	23 32	0 18	5 22	9 2	23 15	23 8	5 5		n.a.
S 14	22 20	9 11	5 12	21 45	2 4	25 18	1 27	21 18	1 12	18 6	1 21	7 41	2 11	8 2	0 28	23 32	0 18	5 22	9 2	23 15	23 9	5 2		n.a.
M15	22 28	13 55	5 6	21 31	2 18	25 18	1 28	21 9	1 11	18 3	1 21	7 43	2 12	8 2	0 28	23 32	0 18	5 22	9 2	23 15	23 9	4 59		n.a.
T 16	22 36	18 11	4 46	21 17	2 32	25 18	1 29	21 0	1 10	18 0	1 21	7 46	2 12	8 1	0 28	23 32	0 18	5 22	9 2	23 16	23 9	4 56		n.a.
W17	22 44	21 43	4 11	21 3	2 46	25 17	1 30	20 51	1 10	17 58	1 20	7 48	2 12	8 1	0 28	23 32	0 17	5 22	9 1	23 16	23 10	4 53		n.a.
T 18	22 51	24 12	3 22	20 49	3 0	25 15	1 31	20 41	1 9	17 55	1 20	7 50	2 12	8 1	0 28	23 32	0 17	5 22	9 1	23 17	23 10	4 50		n.a.
F 19	22 58	25 21	2 20	20 36	3 13	25 12	1 32	20 31	1 8	17 52	1 20	7 52	2 12	8 0	0 27	23 32	0 17	5 22	9 1	23 17	23 10	4 47		n.a.
S 20	23 4	25 0	1 9	20 23	3 26	25 8	1 33	20 21	1 7	17 49	1 20	7 54	2 12	8 0	0 27	23 32	0 17	5 22	9 1	23 17	23 11	4 44		n.a.
S 21	23 10	23 4	0s 7	20 11	3 39	25 4	1 33	20 11	1 7	17 46	1 20	7 56	2 12	7 59	0 27	23 32	0 17	5 22	9 0	23 17	23 11	4 41		n.a.
M22	23 16	19 41	1 23	20 0	3 50	24 59	1 34	20 1	1 6	17 43	1 20	7 58	2 12	7 59	0 27	23 32	0 17	5 21	9 0	23 17	23 11	4 38		n.a.
T 23	23 21	15 7	2 35	19 50	4 1	24 54	1 34	19 51	1 5	17 40	1 19	8 0	2 13	7 59	0 27	23 32	0 17	5 21	9 0	23 17	23 11	4 35		n.a.
W24	23 26	9 43	3 38	19 40	4 10	24 47	1 35	19 40	1 5	17 37	1 19	8 2	2 13	7 58	0 27	23 32	0 17	5 21	8 59	23 17	23 12	4 32		n.a.
T 25	23 30	3 48	4 27	19 32	4 19	24 40	1 35	19 30	1 4	17 34	1 19	8 4	2 13	7 58	0 27	23 32	0 17	5 21	8 59	23 17	23 12	4 29		n.a.
F 26	23 34	2s16	5 0	19 25	4 26	24 32	1 35	19 19	1 3	17 31	1 19	8 6	2 13	7 58	0 27	23 32	0 17	5 21	8 59	23 17	23 12	4 26		n.a.
S 27	23 37	8 11	5 14	19 19	4 31	24 24	1 35	19 8	1 3	17 27	1 19	8 8	2 13	7 58	0 27	23 32	0 17	5 21	8 58	23 17	23 13	4 23		n.a.
S 28	23 40	13 39	5 10	19 14	4 35	24 14	1 36	18 57	1 2	17 24	1 19	8 10	2 13	7 57	0 27	23 32	0 17	5 21	8 58	23 17	23 13	4 20		n.a.
M29	23 43	18 21	4 47	19 11	4 37	24 4	1 36	18 46	1 1	17 21	1 19	8 12	2 13	7 57	0 27	23 32	0 17	5 21	8 58	23 17	23 13	4 17		n.a.
T 30	23n45	22s 1	4s 9	19n 9	4s37	23n53	1n36	18n34	1n 1	17n18	1n18	8n14	2s14	7s57	0n27	23n32	0s17	5s21	8n57	23s17	23s14	4s14		n.a.

Julian Day Number = 1279256.5, Delta T = 08h09m43s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°47'03, Lahiri = -20°40'03 Julian Calendar 1 June 1211 BCE == Greg. Calendar 21 May 1211 BCE

The year -1210 astronomical counting style corresponds to year 1211 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1211 BCE
geocentric

JULY 1211 BCE (-1210) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 50 26	26♊19'29	3♐28	25°R 8	21♋17	12♌11	17♌ 1	26♈20	21°R 6	28♊20	6°R10	11°R55	12♑35	9♓24	n.a.	W 1
T 2	17 54 23	27°16'59	16°42	24♊22	22°30	12°49	17°11	26°26	21♎ 5	28°22	6♏10	11♑54	12°32	9°31	n.a.	T 2
F 3	17 58 19	28°14'30	29°40	23°39	23°43	13°27	17°21	26°31	21° 5	28°24	6° 9	11°53	12°28	9°38	n.a.	F 3
S 4	18 2 16	29°12'03	12♑24	22°59	24°56	14° 6	17°32	26°36	21° 4	28°26	6° 8	11°D52	12°25	9°44	n.a.	S 4
S 5	18 6 13	0♋ 9'37	24°52	22°23	26° 9	14°44	17°42	26°41	21° 4	28°28	6° 7	11°53	12°22	9°51	n.a.	S 5
M 6	18 10 9	1° 7'13	7♒ 7	21°52	27°22	15°22	17°53	26°46	21° 3	28°31	6° 7	11°53	12°19	9°58	n.a.	M 6
T 7	18 14 6	2° 4'50	19°11	21°26	28°35	16° 1	18° 4	26°50	21° 3	28°33	6° 6	11°54	12°16	10° 4	n.a.	T 7
W 8	18 18 2	3° 2'29	1♓ 7	21° 6	29°48	16°39	18°15	26°55	21° 3	28°35	6° 5	11°55	12°13	10°11	n.a.	W 8
T 9	18 21 59	4° 0'10	12°59	20°52	1♌ 2	17°18	18°26	27° 0	21° 3	28°37	6° 4	11°56	12° 9	10°18	n.a.	T 9
F 10	18 25 55	4°57'52	24°51	20°D46	2°15	17°57	18°37	27° 4	21° 3	28°40	6° 4	11°57	12° 6	10°25	n.a.	F 10
S 11	18 29 52	5°55'36	6♈48	20°46	3°28	18°36	18°48	27° 9	21° 3	28°42	6° 3	11°R57	12° 3	10°31	n.a.	S 11
S 12	18 33 48	6°53'22	18°54	20°54	4°41	19°14	18°59	27°13	21°D 2	28°44	6° 3	11°56	12° 0	10°38	n.a.	S 12
M13	18 37 45	7°51'10	1♉14	21° 9	5°54	19°53	19°10	27°18	21° 3	28°46	6° 2	11°56	11°57	10°45	n.a.	M13
T 14	18 41 42	8°49'00	13°52	21°33	7° 7	20°32	19°21	27°22	21° 3	28°48	6° 2	11°56	11°54	10°51	n.a.	T 14
W15	18 45 38	9°46'52	26°50	22° 3	8°20	21°11	19°33	27°26	21° 3	28°51	6° 1	11°56	11°50	10°58	n.a.	W15
T 16	18 49 35	10°44'45	10♊11	22°42	9°33	21°50	19°44	27°30	21° 3	28°53	6° 1	11°55	11°47	11° 5	n.a.	T 16
F 17	18 53 31	11°42'41	23°55	23°27	10°46	22°30	19°56	27°34	21° 3	28°55	6° 0	11°D55	11°44	11°11	n.a.	F 17
S 18	18 57 28	12°40'38	7♋59	24°20	11°58	23° 9	20° 7	27°38	21° 3	28°57	6° 0	11°R55	11°41	11°18	n.a.	S 18
S 19	19 1 24	13°38'37	22°21	25°20	13°11	23°48	20°19	27°41	21° 4	28°59	6° 0	11°55	11°38	11°25	n.a.	S 19
M20	19 5 21	14°36'38	6♌55	26°26	14°24	24°28	20°30	27°45	21° 4	29° 1	5°59	11°55	11°34	11°32	n.a.	M20
T 21	19 9 18	15°34'40	21°35	27°39	15°37	25° 7	20°42	27°49	21° 5	29° 4	5°59	11°55	11°31	11°38	n.a.	T 21
W22	19 13 14	16°32'44	6♍15	28°58	16°50	25°47	20°54	27°52	21° 5	29° 6	5°59	11°54	11°28	11°45	n.a.	W22
T 23	19 17 11	17°30'49	20°48	0♋22	18° 3	26°26	21° 6	27°56	21° 6	29° 8	5°58	11°54	11°25	11°52	n.a.	T 23
F 24	19 21 7	18°28'56	5♎10	1°51	19°16	27° 6	21°18	27°59	21° 6	29°10	5°58	11°53	11°22	11°58	n.a.	F 24
S 25	19 25 4	19°27'05	19°18	3°25	20°28	27°46	21°30	28° 2	21° 7	29°12	5°58	11°D53	11°19	12° 5	n.a.	S 25
S 26	19 29 0	20°25'15	3♏10	5° 3	21°41	28°26	21°42	28° 5	21° 8	29°14	5°58	11°54	11°15	12°12	n.a.	S 26
M27	19 32 57	21°23'27	16°46	6°45	22°54	29° 6	21°54	28° 8	21° 8	29°16	5°58	11°54	11°12	12°19	n.a.	M27
T 28	19 36 53	22°21'40	0♐ 5	8°29	24° 6	29°45	22° 6	28°11	21° 9	29°18	5°58	11°55	11° 9	12°25	n.a.	T 28
W29	19 40 50	23°19'55	13°10	10°17	25°19	0♍25	22°18	28°14	21°10	29°21	5°58	11°56	11° 6	12°32	n.a.	W29
T 30	19 44 46	24°18'12	26° 1	12° 6	26°32	1° 6	22°30	28°16	21°11	29°23	5°D58	11°57	11° 3	12°39	n.a.	T 30
F 31	19 48 43	25♋16'31	8♑39	13♋58	27♌44	1♍46	22♌43	28♈19	21♎12	29♊25	5♏58	11°R57	11♑ 0	12♓45	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n47	24s25	3s17	19n 9	4s36	23n42	1n36	18n23	1n 0	17n14	1n18	8n15	2s14	7s57	0n27	23n32	0s17	5s21	8n57	23s18	23s14	4s11			n.a.
T 2	23 49	25 24	2 15	19 11	4 33	23 30	1 35	18 11	0 59	17 11	1 18	8 17	2 14	7 57	0 27	23 32	0 17	5 21	8 57	23 18	23 14	4 8			n.a.
F 3	23 50	24 57	1 7	19 14	4 28	23 17	1 35	18 0	0 58	17 8	1 18	8 19	2 14	7 56	0 27	23 32	0 17	5 21	8 56	23 18	23 15	4 5			n.a.
S 4	23 50	23 12	0n 3	19 18	4 21	23 3	1 35	17 48	0 58	17 4	1 18	8 21	2 14	7 56	0 27	23 33	0 17	5 21	8 56	23 18	23 15	4 2			n.a.
S 5	23 50	20 21	1 11	19 25	4 13	22 49	1 35	17 36	0 57	17 1	1 18	8 22	2 14	7 56	0 27	23 33	0 17	5 22	8 56	23 18	23 15	3 59			n.a.
M 6	23 50	16 37	2 15	19 33	4 3	22 34	1 34	17 23	0 56	16 57	1 18	8 24	2 15	7 56	0 27	23 33	0 17	5 22	8 55	23 18	23 15	3 56			n.a.
T 7	23 49	12 17	3 12	19 42	3 51	22 19	1 34	17 11	0 56	16 54	1 18	8 25	2 15	7 56	0 27	23 33	0 17	5 22	8 55	23 18	23 16	3 53			n.a.
W 8	23 48	7 31	4 0	19 54	3 39	22 3	1 33	16 59	0 55	16 50	1 17	8 27	2 15	7 56	0 27	23 33	0 17	5 22	8 55	23 18	23 16	3 50			n.a.
T 9	23 47	2 32	4 38	20 6	3 25	21 46	1 32	16 46	0 54	16 47	1 17	8 29	2 15	7 56	0 27	23 33	0 17	5 22	8 54	23 18	23 16	3 47			n.a.
F 10	23 45	2n33	5 3	20 20	3 11	21 28	1 32	16 33	0 54	16 43	1 17	8 30	2 15	7 56	0 27	23 33	0 17	5 22	8 54	23 18	23 17	3 44			n.a.
S 11	23 42	7 34	5 16	20 35	2 56	21 10	1 31	16 21	0 53	16 40	1 17	8 31	2 15	7 56	0 27	23 33	0 17	5 22	8 54	23 18	23 17	3 41			n.a.
S 12	23 39	12 21	5 15	20 52	2 40	20 52	1 30	16 8	0 52	16 36	1 17	8 33	2 16	7 56	0 27	23 33	0 17	5 22	8 53	23 18	23 17	3 38			n.a.
M13	23 36	16 46	4 59	21 9	2 24	20 33	1 29	15 54	0 52	16 32	1 17	8 34	2 16	7 56	0 27	23 33	0 17	5 23	8 53	23 18	23 18	3 36			n.a.
T 14	23 32	20 32	4 29	21 27	2 7	20 13	1 28	15 41	0 51	16 29	1 17	8 36	2 16	7 56	0 27	23 33	0 17	5 23	8 53	23 18	23 18	3 33			n.a.
W15	23 28	23 25	3 45	21 45	1 51	19 53	1 27	15 28	0 50	16 25	1 17	8 37	2 16	7 56	0 27	23 33	0 17	5 23	8 52	23 18	23 18	3 30			n.a.
T 16	23 24	25 6	2 47	22 4	1 34	19 32	1 25	15 14	0 50	16 21	1 17	8 38	2 16	7 56	0 27	23 33	0 17	5 23	8 52	23 18	23 18	3 27			n.a.
F 17	23 19	25 20	1 38	22 23	1 18	19 10	1 24	15 1	0 49	16 17	1 17	8 39	2 17	7 56	0 27	23 33	0 17	5 23	8 51	23 18	23 19	3 24			n.a.
S 18	23 13	23 57	0 22	22 41	1 2	18 49	1 23	14 47	0 48	16 14	1 16	8 41	2 17	7 56	0 27	23 33	0 17	5 24	8 51	23 18	23 19	3 21			n.a.
S 19	23 8	21 0	0s58	23 0	0 46	18 26	1 21	14 33	0 47	16 10	1 16	8 42	2 17	7 57	0 27	23 33	0 17	5 24	8 51	23 18	23 19	3 18			n.a.
M20	23 1	16 41	2 14	23 17	0 30	18 3	1 20	14 19	0 47	16 6	1 16	8 43	2 17	7 57	0 27	23 33	0 17	5 24	8 50	23 18	23 20	3 15			n.a.
T 21	22 55	11 21	3 23	23 33	0 16	17 40	1 18	14 5	0 46	16 2	1 16	8 44	2 17	7 57	0 27	23 33	0 17	5 24	8 50	23 18	23 20	3 12			n.a.
W22	22 48	5 23	4 18	23 49	0 2	17 16	1 17	13 51	0 45	15 58	1 16	8 45	2 18	7 57	0 26	23 33	0 17	5 25	8 50	23 18	23 20	3 9			n.a.
T 23	22 40	0s49	4 56	24 2	0n12	16 52	1 15	13 37	0 45	15 54	1 16	8 46	2 18	7 57	0 26	23 33	0 17	5 25	8 49	23 18	23 20	3 6			n.a.
F 24	22 32	6 53	5 15	24 14	0 24	16 27	1 13	13 22	0 44	15 50	1 16	8 47	2 18	7 58	0 26	23 33	0 17	5 25	8 49	23 18	23 21	3 3			n.a.
S 25	22 24	12 30	5 14	24 24	0 36	16 2	1 11	13 8	0 43	15 46	1 16	8 48	2 18	7 58	0 26	23 33	0 17	5 25	8 48	23 18	23 21	3 0			n.a.
S 26	22 15	17 23	4 55	24 32	0 47	15 36	1 9	12 53	0 43	15 42	1 16	8 49	2 18	7 58	0 26	23 33	0 17	5 26	8 48	23 18	23 21	2 57			n.a.
M27	22 6	21 16	4 20	24 37	0 57	15 10	1 7	12 38	0 42	15 38	1 16	8 50	2 19	7 59	0 26	23 33	0 17	5 26	8 48	23 18	23 21	2 54			n.a.
T 28	21 57	23 57	3 32	24 40	1 6	14 44	1 5	12 23	0 41	15 34	1 16	8 51	2 19	7 59	0 26	23 33	0 17	5 26	8 47	23 18	23 22	2 51			n.a.
W29	21 47	25 17	2 33	24 40	1 14	14 17	1 3	12 8	0 41	15 30	1 16	8 52	2 19	7 59	0 26	23 33	0 17	5 27	8 47	23 18	23 22	2 48			n.a.
T 30	21 37	25 14	1 27	24 38	1 22	13 50	1 1	11 53	0 40	15 26	1 15	8 52	2 19	8 0	0 26	23 33	0 17	5 27	8 47	23 18	23 22	2 45			n.a.
F 31	21n26	23s51	0s18	24n33	1n28	13n22	0n59	11n38	0n39	15n22	1n15	8n53	2s19	8s 0	0n26	23n33	0s17	5s27	8n46	23s17	23s23	2s42			n.a.

Julian Day Number = 1279286.5, Delta T = 08h09m42s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'59, Lahiri = -20°39'59 Julian Calendar 1 July 1211 BCE == Greg. Calendar 20 June 1211 BCE

The year -1210 astronomical counting style corresponds to year 1211 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1211 BCE
geocentric

AUGUST 1211 BCE (-1210) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 52 40	26♋14'51	21♉ 5	15♋50	28♌57	2♍26	22♌55	28♈22	21♎13	29♊27	5♏58	11°R57	10♉56	12♓52	n.a.	S 1
S 2	19 56 36	27°13'14	3♒21	17°44	0♍ 9	3° 6	23° 7	28°24	21°14	29°29	5°58	11♉56	10°53	12°59	n.a.	S 2
M 3	20 0 33	28°11'38	15°27	19°38	1°22	3°47	23°20	28°26	21°15	29°31	5°58	11°54	10°50	13° 6	n.a.	M 3
T 4	20 4 29	29°10'05	27°26	21°33	2°34	4°27	23°32	28°28	21°16	29°33	5°58	11°52	10°47	13°12	n.a.	T 4
W 5	20 8 26	0♌ 8'34	9♓20	23°27	3°47	5° 7	23°44	28°30	21°18	29°35	5°58	11°49	10°44	13°19	n.a.	W 5
T 6	20 12 22	1° 7'05	21°12	25°22	4°59	5°48	23°57	28°32	21°19	29°37	5°59	11°46	10°40	13°26	n.a.	T 6
F 7	20 16 19	2° 5'38	3♈ 3	27°16	6°12	6°29	24° 9	28°34	21°20	29°39	5°59	11°43	10°37	13°32	n.a.	F 7
S 8	20 20 15	3° 4'13	14°59	29°10	7°24	7° 9	24°22	28°36	21°22	29°41	5°59	11°41	10°34	13°39	n.a.	S 8
S 9	20 24 12	4° 2'51	27° 3	1♌ 3	8°36	7°50	24°35	28°38	21°23	29°43	5°59	11°40	10°31	13°46	n.a.	S 9
M10	20 28 9	5° 1'32	9♉20	2°56	9°49	8°31	24°47	28°39	21°24	29°44	6° 0	11°D40	10°28	13°52	n.a.	M10
T 11	20 32 5	6° 0'14	21°54	4°48	11° 1	9°12	25° 0	28°41	21°26	29°46	6° 0	11°41	10°25	13°59	n.a.	T 11
W12	20 36 2	6°58'59	4♊49	6°39	12°13	9°53	25°13	28°42	21°27	29°48	6° 1	11°42	10°21	14° 6	n.a.	W12
T 13	20 39 58	7°57'47	18° 9	8°29	13°25	10°34	25°26	28°43	21°29	29°50	6° 1	11°44	10°18	14°13	n.a.	T 13
F 14	20 43 55	8°56'37	1♋55	10°18	14°37	11°15	25°38	28°44	21°31	29°52	6° 2	11°45	10°15	14°19	n.a.	F 14
S 15	20 47 51	9°55'29	16° 8	12° 7	15°50	11°56	25°51	28°45	21°32	29°54	6° 2	11°R45	10°12	14°26	n.a.	S 15
S 16	20 51 48	10°54'24	0♌44	13°54	17° 2	12°37	26° 4	28°46	21°34	29°55	6° 3	11°44	10° 9	14°33	n.a.	S 16
M17	20 55 44	11°53'20	15°38	15°41	18°14	13°19	26°17	28°47	21°36	29°57	6° 3	11°42	10° 6	14°39	n.a.	M17
T 18	20 59 41	12°52'19	0♍42	17°26	19°26	14° 0	26°30	28°47	21°38	29°59	6° 4	11°38	10° 2	14°46	n.a.	T 18
W19	21 3 37	13°51'20	15°47	19°11	20°38	14°41	26°43	28°48	21°40	0♋ 1	6° 4	11°33	9°59	14°53	n.a.	W19
T 20	21 7 34	14°50'23	0♎42	20°54	21°50	15°23	26°56	28°48	21°42	0° 2	6° 5	11°29	9°56	15° 0	n.a.	T 20
F 21	21 11 31	15°49'27	15°21	22°37	23° 2	16° 5	27° 9	28°49	21°44	0° 4	6° 6	11°25	9°53	15° 6	n.a.	F 21
S 22	21 15 27	16°48'34	29°39	24°19	24°13	16°46	27°22	28°49	21°46	0° 6	6° 7	11°22	9°50	15°13	n.a.	S 22
S 23	21 19 24	17°47'43	13♏33	26° 0	25°25	17°28	27°35	28°R49	21°48	0° 7	6° 7	11°D21	9°46	15°20	n.a.	S 23
M24	21 23 20	18°46'53	27° 3	27°40	26°37	18°10	27°48	28°49	21°50	0° 9	6° 8	11°21	9°43	15°26	n.a.	M24
T 25	21 27 17	19°46'06	10♐12	29°19	27°49	18°51	28° 1	28°49	21°52	0°11	6° 9	11°22	9°40	15°33	n.a.	T 25
W26	21 31 13	20°45'20	23° 1	0♍57	29° 0	19°33	28°14	28°48	21°54	0°12	6°10	11°24	9°37	15°40	n.a.	W26
T 27	21 35 10	21°44'37	5♉35	2°35	0♎12	20°15	28°27	28°48	21°56	0°14	6°11	11°R25	9°34	15°47	n.a.	T 27
F 28	21 39 6	22°43'55	17°56	4°11	1°24	20°57	28°40	28°48	21°59	0°15	6°12	11°25	9°31	15°53	n.a.	F 28
S 29	21 43 3	23°43'15	0♒ 7	5°47	2°35	21°39	28°53	28°47	22° 1	0°17	6°13	11°23	9°27	16° 0	n.a.	S 29
S 30	21 47 0	24°42'38	12°11	7°22	3°47	22°22	29° 6	28°46	22° 3	0°18	6°14	11°19	9°24	16° 7	n.a.	S 30
M31	21 50 56	25♌42'02	24♒10	8♍57	4♎58	23♍ 4	29♌19	28♈45	22♎ 6	0♋20	6♏15	11♉13	9♉21	16♓13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n15	21s20	0n50	24n26	1n33	12n55	0n56	11n23	0n38	15n17	1n15	8n54	2s20	8s 0	0n26	23n33	0s17	5s28	8n46	23s17	23s23	2s39		n.a.
S 2	21 4	17 52	1 55	24 16	1 38	12 26	0 54	11 7	0 38	15 13	1 15	8 55	2 20	8 1	0 26	23 33	0 17	5 28	8 45	23 18	23 23	2 36		n.a.
M 3	20 52	13 42	2 55	24 3	1 42	11 58	0 51	10 52	0 37	15 9	1 15	8 55	2 20	8 1	0 26	23 33	0 17	5 29	8 45	23 18	23 23	2 33		n.a.
T 4	20 40	9 2	3 45	23 48	1 45	11 29	0 49	10 36	0 36	15 5	1 15	8 56	2 20	8 2	0 26	23 33	0 17	5 29	8 45	23 18	23 24	2 30		n.a.
W 5	20 27	4 6	4 26	23 31	1 47	11 0	0 46	10 20	0 36	15 1	1 15	8 56	2 20	8 2	0 26	23 33	0 17	5 30	8 44	23 18	23 24	2 27		n.a.
T 6	20 15	0n57	4 55	23 11	1 48	10 31	0 44	10 5	0 35	14 56	1 15	8 57	2 21	8 3	0 26	23 33	0 17	5 30	8 44	23 18	23 24	2 24		n.a.
F 7	20 1	5 58	5 11	22 50	1 49	10 1	0 41	9 49	0 34	14 52	1 15	8 57	2 21	8 3	0 26	23 33	0 17	5 30	8 43	23 19	23 24	2 21		n.a.
S 8	19 48	10 48	5 14	22 26	1 49	9 31	0 38	9 33	0 34	14 48	1 15	8 58	2 21	8 4	0 26	23 33	0 17	5 31	8 43	23 19	23 25	2 18		n.a.
S 9	19 34	15 17	5 3	22 1	1 48	9 1	0 35	9 17	0 33	14 43	1 15	8 58	2 21	8 4	0 26	23 33	0 17	5 31	8 43	23 19	23 25	2 15		n.a.
M10	19 20	19 14	4 39	21 34	1 47	8 31	0 33	9 1	0 32	14 39	1 15	8 58	2 22	8 5	0 26	23 33	0 17	5 32	8 42	23 19	23 25	2 12		n.a.
T 11	19 5	22 24	4 1	21 5	1 46	8 1	0 30	8 44	0 32	14 35	1 15	8 59	2 22	8 6	0 26	23 33	0 17	5 32	8 42	23 19	23 25	2 9		n.a.
W12	18 50	24 33	3 9	20 35	1 44	7 30	0 27	8 28	0 31	14 30	1 15	8 59	2 22	8 6	0 26	23 33	0 17	5 33	8 42	23 19	23 26	2 6		n.a.
T 13	18 35	25 24	2 6	20 4	1 41	6 59	0 24	8 12	0 30	14 26	1 15	8 59	2 22	8 7	0 26	23 33	0 17	5 33	8 41	23 19	23 26	2 3		n.a.
F 14	18 19	24 43	0 54	19 31	1 38	6 28	0 21	7 55	0 29	14 21	1 15	8 59	2 22	8 8	0 26	23 33	0 17	5 34	8 41	23 19	23 26	2 0		n.a.
S 15	18 3	22 27	0s24	18 57	1 34	5 57	0 17	7 38	0 29	14 17	1 15	9 0	2 23	8 8	0 26	23 33	0 17	5 34	8 40	23 19	23 26	1 57		n.a.
S 16	17 47	18 40	1 42	18 22	1 31	5 25	0 14	7 22	0 28	14 12	1 15	9 0	2 23	8 9	0 26	23 33	0 17	5 35	8 40	23 19	23 27	1 55		n.a.
M17	17 31	13 38	2 55	17 47	1 26	4 54	0 11	7 5	0 27	14 8	1 15	9 0	2 23	8 10	0 26	23 33	0 17	5 35	8 40	23 19	23 27	1 52		n.a.
T 18	17 14	7 44	3 56	17 10	1 22	4 22	0 8	6 48	0 27	14 3	1 15	9 0	2 23	8 10	0 26	23 33	0 17	5 36	8 39	23 19	23 27	1 49		n.a.
W19	16 57	1 24	4 41	16 32	1 17	3 51	0 5	6 31	0 26	13 59	1 15	9 0	2 24	8 11	0 26	23 33	0 17	5 37	8 39	23 20	23 27	1 46		n.a.
T 20	16 39	4s57	5 6	15 54	1 12	3 19	0 1	6 14	0 25	13 54	1 15	9 0	2 24	8 12	0 26	23 33	0 17	5 37	8 38	23 20	23 28	1 43		n.a.
F 21	16 21	10 54	5 11	15 15	1 7	2 47	0s 2	5 57	0 25	13 50	1 15	9 0	2 24	8 13	0 26	23 34	0 17	5 38	8 38	23 20	23 28	1 40		n.a.
S 22	16 4	16 8	4 56	14 36	1 1	2 15	0 6	5 40	0 24	13 45	1 14	8 59	2 24	8 13	0 26	23 34	0 17	5 38	8 38	23 21	23 28	1 37		n.a.
S 23	15 45	20 21	4 24	13 56	0 56	1 43	0 9	5 23	0 23	13 41	1 14	8 59	2 24	8 14	0 25	23 34	0 17	5 39	8 37	23 21	23 28	1 34		n.a.
M24	15 27	23 21	3 38	13 16	0 50	1 11	0 12	5 6	0 22	13 36	1 14	8 59	2 25	8 15	0 25	23 34	0 17	5 40	8 37	23 21	23 29	1 31		n.a.
T 25	15 8	25 1	2 42	12 35	0 44	0 38	0 16	4 49	0 22	13 32	1 14	8 59	2 25	8 16	0 25	23 34	0 17	5 40	8 37	23 21	23 29	1 28		n.a.
W26	14 49	25 17	1 38	11 54	0 37	0 6	0 19	4 31	0 21	13 27	1 14	8 59	2 25	8 17	0 25	23 34	0 17	5 41	8 36	23 20	23 29	1 25		n.a.
T 27	14 30	24 15	0 32	11 12	0 31	0s26	0 23	4 14	0 20	13 22	1 14	8 58	2 25	8 18	0 25	23 34	0 17	5 41	8 36	23 20	23 29	1 22		n.a.
F 28	14 10	22 2	0n35	10 31	0 24	0 58	0 27	3 57	0 20	13 18	1 14	8 58	2 25	8 19	0 25	23 34	0 17	5 42	8 36	23 20	23 29	1 19		n.a.
S 29	13 50	18 50	1 40	9 49	0 18	1 30	0 30	3 39	0 19	13 13	1 14	8 57	2 26	8 19	0 25	23 34	0 17	5 43	8 35	23 21	23 30	1 16		n.a.
S 30	13 30	14 53	2 39	9 7	0 11	2 2	0 34	3 22	0 18	13 8	1 14	8 57	2 26	8 20	0 25	23 34	0 17	5 43	8 35	23 21	23 30	1 13		n.a.
M31	13n10	10s23	3n30	8n25	0n 4	2s35	0s37	3n 4	0n18	13n 4	1n14	8n56	2s26	8s21	0n25	23n34	0s17	5s44	8n34	23s21	23s30	1s10		n.a.

Julian Day Number = 1279317.5, Delta T = 08h09m40s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'55, Lahiri = -20°39'55 Julian Calendar 1 Aug. 1211 BCE == Greg. Calendar 21 July 1211 BCE

The year -1210 astronomical counting style corresponds to year 1211 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1211 BCE
geocentric

SEPTEMBER 1211 BCE (-1210) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 54 53	26♌41'29	6♓ 4	10♍30	6♎ 9	23♍46	29♌32	28°R45	22♎ 8	0♋21	6♏16	11°R 5	9♑18	16♓20	n.a.	T 1
W 2	21 58 49	27°40'57	17°56	12° 3	7°21	24°28	29°45	28♈43	22°11	0°22	6°17	10♑56	9°15	16°27	n.a.	W 2
T 3	22 2 46	28°40'28	29°48	13°35	8°32	25°11	29°58	28°42	22°13	0°24	6°18	10°47	9°12	16°34	n.a.	T 3
F 4	22 6 42	29°40'02	11♈41	15° 6	9°43	25°53	0♍11	28°41	22°16	0°25	6°19	10°38	9° 8	16°40	n.a.	F 4
S 5	22 10 39	0♍39'38	23°37	16°37	10°54	26°36	0°25	28°40	22°18	0°26	6°20	10°30	9° 5	16°47	n.a.	S 5
S 6	22 14 35	1°39'16	5♉41	18° 7	12° 5	27°18	0°38	28°38	22°21	0°28	6°21	10°25	9° 2	16°54	n.a.	S 6
M 7	22 18 32	2°38'56	17°55	19°36	13°16	28° 1	0°51	28°37	22°24	0°29	6°23	10°21	8°59	17° 0	n.a.	M 7
T 8	22 22 28	3°38'39	0♊24	21° 4	14°27	28°44	1° 4	28°35	22°27	0°30	6°24	10°D20	8°56	17° 7	n.a.	T 8
W 9	22 26 25	4°38'25	13°13	22°32	15°38	29°27	1°17	28°33	22°29	0°31	6°25	10°20	8°52	17°14	n.a.	W 9
T 10	22 30 22	5°38'13	26°25	23°59	16°49	0♎ 9	1°30	28°31	22°32	0°33	6°27	10°21	8°49	17°21	n.a.	T 10
F 11	22 34 18	6°38'03	10♋ 4	25°25	18° 0	0°52	1°43	28°29	22°35	0°34	6°28	10°R22	8°46	17°27	n.a.	F 11
S 12	22 38 15	7°37'56	24°11	26°50	19°10	1°35	1°56	28°27	22°38	0°35	6°29	10°21	8°43	17°34	n.a.	S 12
S 13	22 42 11	8°37'51	8♌46	28°15	20°21	2°18	2° 9	28°25	22°41	0°36	6°31	10°18	8°40	17°41	n.a.	S 13
M14	22 46 8	9°37'48	23°45	29°38	21°31	3° 2	2°23	28°22	22°44	0°37	6°32	10°12	8°37	17°47	n.a.	M14
T 15	22 50 4	10°37'48	9♍ 0	1♎ 1	22°42	3°45	2°36	28°20	22°46	0°38	6°33	10° 5	8°33	17°54	n.a.	T 15
W16	22 54 1	11°37'49	24°19	2°23	23°52	4°28	2°49	28°18	22°49	0°39	6°35	9°55	8°30	18° 1	n.a.	W16
T 17	22 57 57	12°37'52	9♎33	3°44	25° 3	5°11	3° 2	28°15	22°53	0°40	6°36	9°46	8°27	18° 8	n.a.	T 17
F 18	23 1 54	13°37'58	24°30	5° 3	26°13	5°55	3°15	28°12	22°56	0°41	6°38	9°37	8°24	18°14	n.a.	F 18
S 19	23 5 50	14°38'05	9♏ 2	6°22	27°23	6°38	3°28	28° 9	22°59	0°42	6°40	9°30	8°21	18°21	n.a.	S 19
S 20	23 9 47	15°38'14	23° 6	7°39	28°33	7°21	3°41	28° 6	23° 2	0°43	6°41	9°25	8°17	18°28	n.a.	S 20
M21	23 13 44	16°38'24	6♐41	8°55	29°43	8° 5	3°54	28° 3	23° 5	0°43	6°43	9°23	8°14	18°34	n.a.	M21
T 22	23 17 40	17°38'37	19°49	10°10	0♏53	8°49	4° 7	28° 0	23° 8	0°44	6°44	9°D23	8°11	18°41	n.a.	T 22
W23	23 21 37	18°38'51	2♑34	11°22	2° 3	9°32	4°20	27°57	23°11	0°45	6°46	9°23	8° 8	18°48	n.a.	W23
T 24	23 25 33	19°39'06	15° 0	12°33	3°13	10°16	4°33	27°54	23°14	0°46	6°48	9°R23	8° 5	18°55	n.a.	T 24
F 25	23 29 30	20°39'24	27°12	13°42	4°22	11° 0	4°46	27°50	23°18	0°46	6°49	9°22	8° 2	19° 1	n.a.	F 25
S 26	23 33 26	21°39'42	9♒14	14°49	5°32	11°44	4°58	27°47	23°21	0°47	6°51	9°18	7°58	19° 8	n.a.	S 26
S 27	23 37 23	22°40'03	21°10	15°54	6°41	12°28	5°11	27°43	23°24	0°48	6°53	9°11	7°55	19°15	n.a.	S 27
M28	23 41 19	23°40'25	3♓ 3	16°55	7°50	13°11	5°24	27°40	23°28	0°48	6°55	9° 1	7°52	19°21	n.a.	M28
T 29	23 45 16	24°40'49	14°54	17°54	8°59	13°55	5°37	27°36	23°31	0°49	6°56	8°49	7°49	19°28	n.a.	T 29
W30	23 49 13	25♍41'15	26♓47	18♎49	10♏ 8	14♎40	5♍50	27♈32	23♎34	0♋49	6♏58	8♑35	7♑46	19♓35	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n49	5s32	4n12	7n43	0s 3	3s 7	0s41	2n46	0n17	12n59	1n14	8n56	2s26	8s22	0n25	23n34	0s17	5s45	8n34	23s22	23s30	1s 7		n.a.
W 2	12 29	0 31	4 43	7 0	0 10	3 39	0 45	2 29	0 16	12 54	1 14	8 55	2 26	8 23	0 25	23 34	0 17	5 45	8 34	23 23	23 31	1 4		n.a.
T 3	12 8	4n30	5 1	6 18	0 17	4 11	0 48	2 11	0 15	12 50	1 14	8 55	2 27	8 24	0 25	23 34	0 17	5 46	8 33	23 24	23 31	1 1		n.a.
F 4	11 47	9 23	5 7	5 36	0 24	4 42	0 52	1 53	0 15	12 45	1 15	8 54	2 27	8 25	0 25	23 34	0 17	5 47	8 33	23 24	23 31	0 58		n.a.
S 5	11 25	13 56	4 59	4 54	0 31	5 14	0 56	1 35	0 14	12 40	1 15	8 53	2 27	8 26	0 25	23 34	0 17	5 48	8 33	23 25	23 31	0 56		n.a.
S 6	11 4	17 59	4 38	4 12	0 38	5 46	0 59	1 18	0 13	12 36	1 15	8 53	2 27	8 27	0 25	23 34	0 17	5 48	8 32	23 25	23 32	0 53		n.a.
M 7	10 42	21 21	4 4	3 30	0 45	6 17	1 3	1 0	0 13	12 31	1 15	8 52	2 27	8 28	0 25	23 34	0 17	5 49	8 32	23 26	23 32	0 50		n.a.
T 8	10 20	23 47	3 17	2 48	0 52	6 49	1 7	0 42	0 12	12 26	1 15	8 51	2 28	8 29	0 25	23 34	0 17	5 50	8 32	23 26	23 32	0 47		n.a.
W 9	9 58	25 5	2 20	2 7	0 59	7 20	1 10	0 24	0 11	12 21	1 15	8 50	2 28	8 30	0 25	23 34	0 17	5 50	8 31	23 26	23 32	0 44		n.a.
T 10	9 36	25 1	1 14	1 26	1 6	7 51	1 14	0 6	0 11	12 17	1 15	8 50	2 28	8 31	0 25	23 34	0 17	5 51	8 31	23 26	23 32	0 41		n.a.
F 11	9 13	23 29	0 2	0 45	1 13	8 22	1 18	0s12	0 10	12 12	1 15	8 49	2 28	8 33	0 25	23 34	0 17	5 52	8 31	23 26	23 33	0 38		n.a.
S 12	8 51	20 26	1s13	0 4	1 20	8 53	1 21	0 30	0 9	12 7	1 15	8 48	2 28	8 34	0 25	23 34	0 17	5 53	8 30	23 26	23 33	0 35		n.a.
S 13	8 28	16 2	2 26	0s36	1 26	9 23	1 25	0 48	0 9	12 2	1 15	8 47	2 29	8 35	0 25	23 34	0 17	5 54	8 30	23 26	23 33	0 32		n.a.
M14	8 5	10 32	3 30	1 16	1 33	9 54	1 29	1 6	0 8	11 58	1 15	8 46	2 29	8 36	0 25	23 34	0 17	5 54	8 30	23 26	23 33	0 29		n.a.
T 15	7 42	4 19	4 20	1 56	1 40	10 24	1 32	1 24	0 7	11 53	1 15	8 45	2 29	8 37	0 25	23 34	0 17	5 55	8 29	23 27	23 33	0 26		n.a.
W16	7 19	2s10	4 52	2 35	1 46	10 54	1 36	1 42	0 6	11 48	1 15	8 44	2 29	8 38	0 25	23 34	0 17	5 56	8 29	23 28	23 34	0 23		n.a.
T 17	6 56	8 29	5 3	3 13	1 52	11 23	1 39	2 0	0 6	11 43	1 15	8 43	2 29	8 39	0 25	23 34	0 17	5 57	8 29	23 28	23 34	0 20		n.a.
F 18	6 32	14 11	4 53	3 51	1 58	11 53	1 43	2 18	0 5	11 39	1 15	8 41	2 29	8 40	0 25	23 34	0 17	5 57	8 28	23 29	23 34	0 17		n.a.
S 19	6 9	18 55	4 24	4 28	2 4	12 22	1 46	2 37	0 4	11 34	1 15	8 40	2 30	8 42	0 25	23 34	0 17	5 58	8 28	23 30	23 34	0 14		n.a.
S 20	5 45	22 24	3 40	5 4	2 10	12 51	1 50	2 55	0 4	11 29	1 15	8 39	2 30	8 43	0 25	23 34	0 17	5 59	8 28	23 30	23 34	0 12		n.a.
M21	5 22	24 29	2 45	5 40	2 15	13 19	1 53	3 13	0 3	11 24	1 15	8 38	2 30	8 44	0 25	23 34	0 17	6 0	8 27	23 30	23 35	0 9		n.a.
T 22	4 58	25 8	1 42	6 14	2 21	13 47	1 57	3 31	0 2	11 20	1 15	8 37	2 30	8 45	0 25	23 34	0 17	6 1	8 27	23 30	23 35	0 6		n.a.
W23	4 34	24 25	0 36	6 48	2 26	14 15	2 0	3 49	0 2	11 15	1 15	8 35	2 30	8 46	0 25	23 34	0 17	6 1	8 27	23 30	23 35	0 3		n.a.
T 24	4 10	22 29	0n30	7 20	2 30	14 43	2 3	4 7	0 1	11 10	1 15	8 34	2 30	8 48	0 25	23 34	0 17	6 2	8 26	23 30	23 35	0n 0		n.a.
F 25	3 46	19 33	1 33	7 52	2 34	15 10	2 7	4 25	0 0	11 5	1 15	8 33	2 30	8 49	0 25	23 34	0 17	6 3	8 26	23 30	23 35	0 3		n.a.
S 26	3 22	15 49	2 31	8 21	2 38	15 37	2 10	4 43	0s 0	11 1	1 15	8 31	2 30	8 50	0 25	23 34	0 17	6 4	8 26	23 30	23 36	0 6		n.a.
S 27	2 57	11 30	3 22	8 50	2 42	16 4	2 13	5 1	0 1	10 56	1 15	8 30	2 31	8 51	0 25	23 34	0 17	6 5	8 26	23 31	23 36	0 9		n.a.
M28	2 33	6 46	4 4	9 17	2 44	16 30	2 16	5 19	0 2	10 51	1 16	8 28	2 31	8 53	0 25	23 34	0 17	6 6	8 25	23 32	23 36	0 12		n.a.
T 29	2 9	1 50	4 35	9 42	2 47	16 55	2 19	5 37	0 3	10 46	1 16	8 27	2 31	8 54	0 25	23 34	0 17	6 6	8 25	23 32	23 36	0 15		n.a.
W30	1n45	3n11	4n54	10s 5	2s49	17s21	2s22	5s55	0s 3	10n42	1n16	8n26	2s31	8s55	0n25	23n34	0s17	6s 7	8n25	23s33	23s36	0n18		n.a.

Julian Day Number = 1279348.5, Delta T = 08h09m38s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'51, Lahiri = -20°39'51 Julian Calendar 1 Sept. 1211 BCE == Greg. Calendar 21 Aug. 1211 BCE

The year -1210 astronomical counting style corresponds to year 1211 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1211 BCE
geocentric

OCTOBER 1211 BCE (-1210) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 53 9	26♍41'43	8♈41	19♎40	11♏17	15♎24	6♍ 2	27°R28	23♎38	0♋50	7♏ 0	8°R21	7♑43	19♓42	n.a.	T 1
F 2	23 57 6	27°42'12	20°39	20°27	12°26	16° 8	6°15	27♈25	23°41	0°50	7° 2	8♑ 7	7°39	19°48	n.a.	F 2
S 3	0 1 2	28°42'43	2♉41	21° 9	13°35	16°52	6°28	27°20	23°44	0°51	7° 4	7°54	7°36	19°55	n.a.	S 3
S 4	0 4 59	29°43'16	14°50	21°45	14°43	17°36	6°40	27°16	23°48	0°51	7° 6	7°45	7°33	20° 2	n.a.	S 4
M 5	0 8 55	0♎43'51	27° 8	22°16	15°52	18°21	6°53	27°12	23°51	0°52	7° 7	7°38	7°30	20° 8	n.a.	M 5
T 6	0 12 52	1°44'29	9♊38	22°40	17° 0	19° 5	7° 5	27° 8	23°55	0°52	7° 9	7°34	7°27	20°15	n.a.	T 6
W 7	0 16 48	2°45'07	22°23	22°56	18° 8	19°50	7°18	27° 4	23°58	0°52	7°11	7°33	7°23	20°22	n.a.	W 7
T 8	0 20 45	3°45'48	5♋29	23°R 4	19°16	20°34	7°30	26°59	24° 2	0°52	7°13	7°32	7°20	20°29	n.a.	T 8
F 9	0 24 42	4°46'31	18°57	23° 4	20°24	21°19	7°43	26°55	24° 5	0°53	7°15	7°32	7°17	20°35	n.a.	F 9
S 10	0 28 38	5°47'16	2♌52	22°53	21°32	22° 3	7°55	26°51	24° 9	0°53	7°17	7°31	7°14	20°42	n.a.	S 10
S 11	0 32 35	6°48'02	17°14	22°33	22°39	22°48	8° 8	26°46	24°13	0°53	7°19	7°27	7°11	20°49	n.a.	S 11
M12	0 36 31	7°48'50	2♍ 0	22° 3	23°47	23°33	8°20	26°42	24°16	0°53	7°21	7°20	7° 8	20°55	n.a.	M12
T 13	0 40 28	8°49'40	17° 6	21°21	24°54	24°18	8°32	26°37	24°20	0°53	7°23	7°11	7° 4	21° 2	n.a.	T 13
W14	0 44 24	9°50'31	2♎23	20°30	26° 1	25° 2	8°44	26°32	24°23	0°53	7°25	7° 0	7° 1	21° 9	n.a.	W14
T 15	0 48 21	10°51'24	17°39	19°29	27° 8	25°47	8°56	26°28	24°27	0°R53	7°27	6°48	6°58	21°16	n.a.	T 15
F 16	0 52 17	11°52'18	2♏42	18°19	28°15	26°32	9° 8	26°23	24°31	0°53	7°30	6°37	6°55	21°22	n.a.	F 16
S 17	0 56 14	12°53'13	17°25	17° 4	29°21	27°17	9°20	26°18	24°34	0°53	7°32	6°27	6°52	21°29	n.a.	S 17
S 18	1 0 10	13°54'10	1♐39	15°43	0♐27	28° 2	9°32	26°13	24°38	0°53	7°34	6°21	6°48	21°36	n.a.	S 18
M19	1 4 7	14°55'08	15°23	14°21	1°33	28°48	9°44	26° 8	24°42	0°53	7°36	6°17	6°45	21°42	n.a.	M19
T 20	1 8 4	15°56'06	28°38	13° 0	2°39	29°33	9°56	26° 4	24°45	0°53	7°38	6°16	6°42	21°49	n.a.	T 20
W21	1 12 0	16°57'06	11♑27	11°42	3°45	0♏18	10° 8	25°59	24°49	0°53	7°40	6°16	6°39	21°56	n.a.	W21
T 22	1 15 57	17°58'06	23°54	10°31	4°50	1° 3	10°20	25°54	24°53	0°52	7°42	6°16	6°36	22° 3	n.a.	T 22
F 23	1 19 53	18°59'08	6♒ 4	9°28	5°56	1°49	10°31	25°49	24°56	0°52	7°44	6°15	6°33	22° 9	n.a.	F 23
S 24	1 23 50	20° 0'10	18° 4	8°35	7° 0	2°34	10°43	25°44	25° 0	0°52	7°47	6°11	6°29	22°16	n.a.	S 24
S 25	1 27 46	21° 1'13	29°57	7°53	8° 5	3°19	10°54	25°39	25° 4	0°52	7°49	6° 5	6°26	22°23	n.a.	S 25
M26	1 31 43	22° 2'17	11♓47	7°22	9° 9	4° 5	11° 6	25°34	25° 7	0°51	7°51	5°56	6°23	22°30	n.a.	M26
T 27	1 35 40	23° 3'21	23°38	7° 2	10°14	4°50	11°17	25°29	25°11	0°51	7°53	5°45	6°20	22°36	n.a.	T 27
W28	1 39 36	24° 4'26	5♈33	6°D54	11°17	5°36	11°28	25°24	25°15	0°50	7°55	5°31	6°17	22°43	n.a.	W28
T 29	1 43 33	25° 5'33	17°33	6°57	12°21	6°21	11°40	25°19	25°18	0°50	7°58	5°18	6°14	22°50	n.a.	T 29
F 30	1 47 29	26° 6'40	29°39	7° 9	13°24	7° 7	11°51	25°14	25°22	0°49	8° 0	5° 4	6°10	22°56	n.a.	F 30
S 31	1 51 26	27♎ 7'48	11♉52	7♎31	14♐27	7♏53	12♍ 2	25♈ 9	25♎26	0♋49	8♏ 2	4♑52	6♑ 7	23♓ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n20	8n 4	5n 0	10s25	2s50	17s46	2s25	6s13	0s 4	10n37	1n16	8n24	2s31	8s57	0n25	23n34	0s17	6s 8	8n24	23s34	23s37	0n21			n.a.
F 2	0 56	12 42	4 53	10 44	2 50	18 10	2 28	6 31	0 5	10 32	1 16	8 23	2 31	8 58	0 25	23 34	0 17	6 9	8 24	23 35	23 37	0 23			n.a.
S 3	0 31	16 52	4 33	10 59	2 49	18 34	2 31	6 49	0 5	10 28	1 16	8 21	2 31	8 59	0 25	23 34	0 17	6 10	8 24	23 36	23 37	0 26			n.a.
S 4	0 7	20 22	4 0	11 12	2 48	18 58	2 33	7 7	0 6	10 23	1 16	8 19	2 31	9 0	0 25	23 34	0 17	6 11	8 24	23 36	23 37	0 29			n.a.
M 5	0s18	23 1	3 16	11 21	2 45	19 21	2 36	7 25	0 7	10 18	1 16	8 18	2 31	9 2	0 25	23 34	0 17	6 12	8 23	23 37	23 37	0 32			n.a.
T 6	0 42	24 36	2 22	11 27	2 42	19 43	2 39	7 42	0 7	10 14	1 16	8 16	2 31	9 3	0 25	23 34	0 17	6 12	8 23	23 37	23 38	0 35			n.a.
W 7	1 7	24 56	1 19	11 29	2 37	20 6	2 41	8 0	0 8	10 9	1 16	8 15	2 32	9 4	0 24	23 34	0 17	6 13	8 23	23 37	23 38	0 38			n.a.
T 8	1 31	23 54	0 11	11 26	2 31	20 27	2 44	8 18	0 9	10 4	1 16	8 13	2 32	9 6	0 24	23 34	0 17	6 14	8 23	23 37	23 38	0 41			n.a.
F 9	1 56	21 29	1s 0	11 19	2 23	20 48	2 46	8 35	0 9	10 0	1 17	8 11	2 32	9 7	0 24	23 34	0 17	6 15	8 22	23 37	23 38	0 44			n.a.
S 10	2 20	17 45	2 9	11 6	2 13	21 9	2 48	8 53	0 10	9 55	1 17	8 10	2 32	9 8	0 24	23 34	0 17	6 16	8 22	23 37	23 38	0 47			n.a.
S 11	2 45	12 52	3 13	10 48	2 2	21 29	2 50	9 11	0 11	9 51	1 17	8 8	2 32	9 10	0 24	23 34	0 17	6 17	8 22	23 38	23 38	0 50			n.a.
M12	3 9	7 7	4 5	10 25	1 50	21 49	2 53	9 28	0 11	9 46	1 17	8 6	2 32	9 11	0 24	23 34	0 17	6 18	8 22	23 38	23 39	0 53			n.a.
T 13	3 33	0 51	4 42	9 56	1 35	22 8	2 55	9 45	0 12	9 41	1 17	8 5	2 32	9 12	0 24	23 34	0 17	6 18	8 21	23 38	23 39	0 55			n.a.
W14	3 58	5s31	4 59	9 21	1 19	22 26	2 56	10 3	0 13	9 37	1 17	8 3	2 32	9 14	0 24	23 34	0 17	6 19	8 21	23 39	23 39	0 58			n.a.
T 15	4 22	11 33	4 55	8 41	1 1	22 44	2 58	10 20	0 13	9 32	1 17	8 1	2 32	9 15	0 24	23 34	0 17	6 20	8 21	23 40	23 39	1 1			n.a.
F 16	4 46	16 49	4 30	7 57	0 42	23 1	3 0	10 37	0 14	9 28	1 17	7 59	2 32	9 17	0 24	23 34	0 17	6 21	8 21	23 40	23 39	1 4			n.a.
S 17	5 10	20 56	3 47	7 9	0 22	23 18	3 1	10 54	0 15	9 23	1 17	7 58	2 32	9 18	0 24	23 34	0 17	6 22	8 21	23 41	23 39	1 7			n.a.
S 18	5 34	23 38	2 52	6 19	0 2	23 34	3 3	11 11	0 15	9 19	1 18	7 56	2 32	9 19	0 24	23 34	0 17	6 23	8 20	23 41	23 40	1 10			n.a.
M19	5 58	24 49	1 48	5 27	0n19	23 49	3 4	11 28	0 16	9 14	1 18	7 54	2 32	9 21	0 24	23 34	0 17	6 24	8 20	23 41	23 40	1 13			n.a.
T 20	6 22	24 30	0 40	4 37	0 39	24 4	3 5	11 45	0 17	9 10	1 18	7 52	2 32	9 22	0 24	23 34	0 17	6 24	8 20	23 41	23 40	1 16			n.a.
W21	6 46	22 53	0n27	3 48	0 59	24 18	3 7	12 2	0 17	9 6	1 18	7 50	2 32	9 23	0 24	23 34	0 17	6 25	8 20	23 41	23 40	1 19			n.a.
T 22	7 10	20 11	1 32	3 3	1 17	24 32	3 8	12 19	0 18	9 1	1 18	7 49	2 32	9 25	0 24	23 34	0 17	6 26	8 20	23 41	23 40	1 21			n.a.
F 23	7 33	16 38	2 31	2 23	1 33	24 45	3 8	12 35	0 19	8 57	1 18	7 47	2 32	9 26	0 24	23 34	0 17	6 27	8 19	23 41	23 40	1 24			n.a.
S 24	7 57	12 28	3 22	1 49	1 48	24 57	3 9	12 52	0 19	8 53	1 18	7 45	2 32	9 28	0 24	23 34	0 17	6 28	8 19	23 41	23 41	1 27			n.a.
S 25	8 20	7 53	4 4	1 20	2 1	25 8	3 10	13 8	0 20	8 48	1 18	7 43	2 32	9 29	0 24	23 34	0 17	6 29	8 19	23 42	23 41	1 30			n.a.
M26	8 43	3 2	4 35	0 58	2 11	25 19	3 10	13 25	0 21	8 44	1 19	7 41	2 32	9 30	0 24	23 34	0 17	6 30	8 19	23 42	23 41	1 33			n.a.
T 27	9 6	1n55	4 54	0 42	2 20	25 30	3 11	13 41	0 21	8 40	1 19	7 40	2 32	9 32	0 24	23 34	0 17	6 31	8 19	23 43	23 41	1 36			n.a.
W28	9 29	6 50	5 1	0 33	2 26	25 39	3 11	13 57	0 22	8 35	1 19	7 38	2 32	9 33	0 24	23 34	0 17	6 31	8 19	23 43	23 41	1 39			n.a.
T 29	9 52	11 31	4 54	0 30	2 31	25 48	3 11	14 13	0 22	8 31	1 19	7 36	2 32	9 34	0 24	23 34	0 17	6 32	8 18	23 44	23 41	1 42			n.a.
F 30	10 15	15 48	4 34	0 32	2 35	25 56	3 11	14 29	0 23	8 27	1 19	7 34	2 32	9 36	0 24	23 34	0 17	6 33	8 18	23 44	23 42	1 44			n.a.
S 31	10s37	19n28	4n 1	0s38	2n36	26s 4	3s10	14s45	0s24	8n23	1n19	7n33	2s32	9s37	0n24	23n34	0s17	6s34	8n18	23s45	23s42	1n47			n.a.

Julian Day Number = 1279378.5, Delta T = 08h09m37s
Ecliptic obliquity = 23°50'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'47, Lahiri = -20°39'46 Julian Calendar 1 Oct. 1211 BCE == Greg. Calendar 20 Sept. 1211 BCE

The year -1210 astronomical counting style corresponds to year 1211 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1211 BCE
geocentric

NOVEMBER 1211 BCE (-1210) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 55 22	28♎ 8'57	24♉13	8♎ 1	15♐29	8♏38	12♍13	25°R 4	25♎30	0°R48	8♏ 4	4°R43	6♑ 4	23♓10	n.a.	S 1
M 2	1 59 19	29°10'07	6♊43	8°38	16°32	9°24	12°24	24♈59	25°33	0♋48	8° 7	4♑37	6° 1	23°17	n.a.	M 2
T 3	2 3 15	0♏11'18	19°24	9°22	17°33	10°10	12°34	24°54	25°37	0°47	8° 9	4°33	5°58	23°23	n.a.	T 3
W 4	2 7 12	1°12'29	2♋17	10°11	18°35	10°56	12°45	24°49	25°41	0°47	8°11	4°D32	5°54	23°30	n.a.	W 4
T 5	2 11 9	2°13'42	15°25	11° 6	19°36	11°42	12°56	24°44	25°44	0°46	8°13	4°32	5°51	23°37	n.a.	T 5
F 6	2 15 5	3°14'56	28°51	12° 6	20°37	12°28	13° 6	24°39	25°48	0°45	8°16	4°R33	5°48	23°43	n.a.	F 6
S 7	2 19 2	4°16'10	12♌36	13° 9	21°37	13°14	13°17	24°34	25°52	0°44	8°18	4°33	5°45	23°50	n.a.	S 7
S 8	2 22 58	5°17'26	26°43	14°15	22°37	14° 0	13°27	24°29	25°55	0°44	8°20	4°31	5°42	23°57	n.a.	S 8
M 9	2 26 55	6°18'42	11♍10	15°25	23°36	14°46	13°38	24°24	25°59	0°43	8°22	4°26	5°39	24° 4	n.a.	M 9
T 10	2 30 51	7°19'58	25°54	16°37	24°35	15°32	13°48	24°20	26° 3	0°42	8°25	4°19	5°35	24°10	n.a.	T 10
W11	2 34 48	8°21'16	10♎49	17°52	25°34	16°18	13°58	24°15	26° 6	0°41	8°27	4°11	5°32	24°17	n.a.	W11
T 12	2 38 44	9°22'34	25°48	19° 9	26°32	17° 4	14° 8	24°10	26°10	0°40	8°29	4° 2	5°29	24°24	n.a.	T 12
F 13	2 42 41	10°23'52	10♏39	20°27	27°29	17°51	14°18	24° 5	26°14	0°39	8°32	3°53	5°26	24°30	n.a.	F 13
S 14	2 46 38	11°25'11	25°16	21°47	28°26	18°37	14°28	24° 1	26°17	0°38	8°34	3°46	5°23	24°37	n.a.	S 14
S 15	2 50 34	12°26'30	9♐30	23° 8	29°23	19°23	14°37	23°56	26°21	0°37	8°36	3°41	5°20	24°44	n.a.	S 15
M16	2 54 31	13°27'50	23°18	24°31	0♑18	20°10	14°47	23°51	26°24	0°36	8°38	3°38	5°16	24°51	n.a.	M16
T 17	2 58 27	14°29'09	6♑38	25°54	1°14	20°56	14°56	23°47	26°28	0°35	8°41	3°D38	5°13	24°57	n.a.	T 17
W18	3 2 24	15°30'28	19°33	27°18	2° 8	21°43	15° 6	23°42	26°31	0°34	8°43	3°39	5°10	25° 4	n.a.	W18
T 19	3 6 20	16°31'47	2♒ 6	28°44	3° 2	22°29	15°15	23°38	26°35	0°33	8°45	3°40	5° 7	25°11	n.a.	T 19
F 20	3 10 17	17°33'05	14°20	0♏10	3°55	23°15	15°24	23°34	26°39	0°32	8°47	3°R41	5° 4	25°18	n.a.	F 20
S 21	3 14 14	18°34'24	26°22	1°36	4°48	24° 2	15°33	23°29	26°42	0°31	8°50	3°41	5° 0	25°24	n.a.	S 21
S 22	3 18 10	19°35'42	8♓16	3° 4	5°40	24°49	15°42	23°25	26°46	0°30	8°52	3°39	4°57	25°31	n.a.	S 22
M23	3 22 7	20°36'59	20° 7	4°32	6°31	25°35	15°51	23°21	26°49	0°29	8°54	3°35	4°54	25°38	n.a.	M23
T 24	3 26 3	21°38'17	2♈ 0	6° 0	7°21	26°22	15°59	23°17	26°52	0°27	8°56	3°29	4°51	25°44	n.a.	T 24
W25	3 30 0	22°39'34	13°57	7°29	8°11	27° 8	16° 8	23°13	26°56	0°26	8°58	3°21	4°48	25°51	n.a.	W25
T 26	3 33 56	23°40'50	26° 2	8°58	8°59	27°55	16°16	23° 9	26°59	0°25	9° 1	3°14	4°45	25°58	n.a.	T 26
F 27	3 37 53	24°42'07	8♉17	10°28	9°47	28°42	16°25	23° 5	27° 3	0°24	9° 3	3° 6	4°41	26° 5	n.a.	F 27
S 28	3 41 49	25°43'23	20°43	11°59	10°33	29°29	16°33	23° 1	27° 6	0°22	9° 5	2°59	4°38	26°11	n.a.	S 28
S 29	3 45 46	26°44'38	3♊21	13°30	11°19	0♐15	16°41	22°58	27° 9	0°21	9° 7	2°54	4°35	26°18	n.a.	S 29
M30	3 49 43	27♏45'54	16♊10	15♏ 1	12♑ 4	1♐ 2	16♍49	22♈54	27♎13	0♋20	9♏ 9	2♑51	4♑32	26♓25	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11 s 0	22n19	3n17	0 s50	2n37	26 s11	3 s10	15 s 0	0 s24	8n19	1n20	7n31	2 s32	9 s39	0n24	23n34	0 s17	6 s35	8n18	23 s45	23 s42	1n50		n.a.
M 2	11 22	24 8	2 22	1 5	2 36	26 17	3 9	15 16	0 25	8 15	1 20	7 29	2 31	9 40	0 24	23 34	0 17	6 36	8 18	23 45	23 42	1 53		n.a.
T 3	11 44	24 44	1 20	1 24	2 35	26 23	3 9	15 31	0 26	8 11	1 20	7 27	2 31	9 41	0 24	23 34	0 17	6 36	8 18	23 46	23 42	1 56		n.a.
W 4	12 5	24 1	0 12	1 46	2 32	26 27	3 8	15 46	0 26	8 7	1 20	7 25	2 31	9 43	0 24	23 34	0 17	6 37	8 18	23 46	23 42	1 59		n.a.
T 5	12 27	21 58	0 s58	2 11	2 29	26 32	3 7	16 1	0 27	8 3	1 20	7 24	2 31	9 44	0 24	23 34	0 17	6 38	8 17	23 46	23 42	2 2		n.a.
F 6	12 48	18 41	2 6	2 38	2 25	26 35	3 6	16 16	0 28	7 59	1 20	7 22	2 31	9 45	0 24	23 34	0 17	6 39	8 17	23 46	23 43	2 5		n.a.
S 7	13 9	14 18	3 9	3 8	2 20	26 38	3 4	16 31	0 28	7 55	1 21	7 20	2 31	9 47	0 24	23 34	0 17	6 40	8 17	23 46	23 43	2 7		n.a.
S 8	13 30	9 2	4 1	3 38	2 15	26 40	3 3	16 46	0 29	7 51	1 21	7 19	2 31	9 48	0 24	23 34	0 17	6 41	8 17	23 46	23 43	2 10		n.a.
M 9	13 51	3 11	4 40	4 11	2 10	26 42	3 1	17 0	0 29	7 47	1 21	7 17	2 31	9 49	0 24	23 34	0 17	6 41	8 17	23 46	23 43	2 13		n.a.
T 10	14 11	2 s57	5 2	4 44	2 4	26 42	2 59	17 15	0 30	7 43	1 21	7 15	2 31	9 51	0 24	23 34	0 17	6 42	8 17	23 46	23 43	2 16		n.a.
W11	14 31	8 59	5 3	5 19	1 58	26 42	2 57	17 29	0 31	7 39	1 21	7 14	2 30	9 52	0 24	23 34	0 17	6 43	8 17	23 46	23 43	2 19		n.a.
T 12	14 51	14 31	4 43	5 54	1 51	26 42	2 54	17 43	0 31	7 36	1 21	7 12	2 30	9 54	0 24	23 34	0 17	6 44	8 17	23 47	23 43	2 22		n.a.
F 13	15 11	19 8	4 5	6 30	1 45	26 41	2 52	17 57	0 32	7 32	1 22	7 10	2 30	9 55	0 24	23 34	0 16	6 45	8 17	23 47	23 44	2 25		n.a.
S 14	15 31	22 29	3 11	7 7	1 38	26 39	2 49	18 10	0 32	7 28	1 22	7 9	2 30	9 56	0 24	23 34	0 16	6 45	8 17	23 47	23 44	2 27		n.a.
S 15	15 50	24 19	2 6	7 44	1 31	26 37	2 46	18 24	0 33	7 25	1 22	7 7	2 30	9 58	0 24	23 34	0 16	6 46	8 16	23 47	23 44	2 30		n.a.
M16	16 9	24 35	0 55	8 21	1 24	26 33	2 43	18 37	0 34	7 21	1 22	7 6	2 30	9 59	0 24	23 34	0 16	6 47	8 16	23 47	23 44	2 33		n.a.
T 17	16 27	23 24	0n16	8 59	1 17	26 30	2 40	18 50	0 34	7 17	1 22	7 4	2 30	10 0	0 24	23 34	0 16	6 48	8 16	23 47	23 44	2 36		n.a.
W18	16 45	20 59	1 25	9 37	1 9	26 25	2 36	19 3	0 35	7 14	1 23	7 3	2 29	10 1	0 24	23 34	0 16	6 49	8 16	23 47	23 44	2 39		n.a.
T 19	17 3	17 38	2 27	10 14	1 2	26 21	2 32	19 16	0 35	7 11	1 23	7 1	2 29	10 3	0 24	23 34	0 16	6 49	8 16	23 47	23 44	2 42		n.a.
F 20	17 21	13 35	3 22	10 52	0 55	26 15	2 28	19 29	0 36	7 7	1 23	7 0	2 29	10 4	0 24	23 34	0 16	6 50	8 16	23 47	23 44	2 44		n.a.
S 21	17 38	9 5	4 6	11 29	0 47	26 9	2 24	19 41	0 36	7 4	1 23	6 58	2 29	10 5	0 24	23 34	0 16	6 51	8 16	23 47	23 45	2 47		n.a.
S 22	17 55	4 18	4 39	12 7	0 40	26 2	2 20	19 53	0 37	7 0	1 23	6 57	2 29	10 7	0 24	23 34	0 16	6 52	8 16	23 47	23 45	2 50		n.a.
M23	18 12	0n37	5 0	12 44	0 33	25 55	2 15	20 5	0 38	6 57	1 24	6 55	2 28	10 8	0 24	23 34	0 16	6 52	8 16	23 47	23 45	2 53		n.a.
T 24	18 29	5 31	5 9	13 21	0 25	25 48	2 10	20 17	0 38	6 54	1 24	6 54	2 28	10 9	0 24	23 34	0 16	6 53	8 16	23 48	23 45	2 56		n.a.
W25	18 45	10 14	5 4	13 57	0 18	25 40	2 5	20 28	0 39	6 51	1 24	6 53	2 28	10 10	0 24	23 34	0 16	6 54	8 16	23 48	23 45	2 59		n.a.
T 26	19 0	14 38	4 45	14 33	0 11	25 31	1 59	20 40	0 39	6 48	1 24	6 52	2 28	10 12	0 24	23 34	0 16	6 54	8 16	23 48	23 45	3 1		n.a.
F 27	19 16	18 29	4 13	15 9	0 4	25 22	1 54	20 51	0 40	6 45	1 25	6 50	2 28	10 13	0 24	23 34	0 16	6 55	8 16	23 48	23 45	3 4		n.a.
S 28	19 31	21 35	3 29	15 44	0 s 3	25 12	1 48	21 2	0 40	6 42	1 25	6 49	2 27	10 14	0 24	23 34	0 16	6 56	8 16	23 48	23 45	3 7		n.a.
S 29	19 45	23 41	2 34	16 18	0 10	25 2	1 42	21 13	0 41	6 39	1 25	6 48	2 27	10 15	0 24	23 34	0 16	6 57	8 16	23 48	23 45	3 10		n.a.
M30	19 s59	24n35	1n30	16 s52	0 s17	24 s51	1 s35	21 s23	0 s42	6n36	1n25	6n47	2 s27	10 s17	0n24	23n34	0 s16	6 s57	8n16	23 s48	23 s46	3n13		n.a.

Julian Day Number = 1279409.5, Delta T = 08h09m35s
Ecliptic obliquity = 23°50'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'43, Lahiri = -20°39'42 Julian Calendar 1 Nov. 1211 BCE == Greg. Calendar 21 Oct. 1211 BCE

The year -1210 astronomical counting style corresponds to year 1211 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1211 BCE
geocentric

DECEMBER 1211 BCE (-1210) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 53 39	28♏47'09	29♊11	16♏32	12♑47	1♐49	16♍57	22°R50	27♎16	0°R18	9♏12	2°D50	4♑29	26♓32	n.a.	T 1
W 2	3 57 36	29°48'24	12♋24	18° 5	13°30	2°36	17° 4	22♈47	27°19	0♋17	9°14	2♑50	4°26	26°38	n.a.	W 2
T 3	4 1 32	0♐49'39	25°48	19°37	14°11	3°23	17°12	22°43	27°23	0°15	9°16	2°51	4°22	26°45	n.a.	T 3
F 4	4 5 29	1°50'53	9♌25	21°10	14°52	4°10	17°19	22°40	27°26	0°14	9°18	2°53	4°19	26°52	n.a.	F 4
S 5	4 9 25	2°52'07	23°14	22°43	15°30	4°56	17°26	22°37	27°29	0°13	9°20	2°54	4°16	26°58	n.a.	S 5
S 6	4 13 22	3°53'21	7♍16	24°17	16° 8	5°43	17°34	22°34	27°32	0°11	9°22	2°R55	4°13	27° 5	n.a.	S 6
M 7	4 17 19	4°54'34	21°29	25°52	16°44	6°30	17°40	22°31	27°35	0°10	9°24	2°54	4°10	27°12	n.a.	M 7
T 8	4 21 15	5°55'47	5♎51	27°26	17°19	7°17	17°47	22°28	27°38	0° 8	9°27	2°51	4° 6	27°19	n.a.	T 8
W 9	4 25 12	6°57'00	20°19	29° 2	17°53	8° 4	17°54	22°25	27°42	0° 7	9°29	2°48	4° 3	27°25	n.a.	W 9
T 10	4 29 8	7°58'12	4♏48	0♐38	18°25	8°51	18° 0	22°22	27°45	0° 5	9°31	2°44	4° 0	27°32	n.a.	T 10
F 11	4 33 5	8°59'23	19°12	2°14	18°55	9°38	18° 7	22°20	27°48	0° 4	9°33	2°41	3°57	27°39	n.a.	F 11
S 12	4 37 1	10° 0'34	3♐26	3°51	19°24	10°26	18°13	22°17	27°51	0° 2	9°35	2°38	3°54	27°45	n.a.	S 12
S 13	4 40 58	11° 1'44	17°24	5°28	19°51	11°13	18°19	22°15	27°54	0° 0	9°37	2°36	3°51	27°52	n.a.	S 13
M14	4 44 54	12° 2'54	1♑ 2	7° 6	20°17	12° 0	18°25	22°12	27°57	29♊59	9°39	2°D35	3°47	27°59	n.a.	M14
T 15	4 48 51	13° 4'02	14°19	8°45	20°40	12°47	18°31	22°10	27°59	29°57	9°41	2°35	3°44	28° 6	n.a.	T 15
W16	4 52 48	14° 5'09	27°15	10°24	21° 2	13°34	18°36	22° 8	28° 2	29°56	9°43	2°37	3°41	28°12	n.a.	W16
T 17	4 56 44	15° 6'15	9♒50	12° 4	21°22	14°21	18°42	22° 6	28° 5	29°54	9°45	2°38	3°38	28°19	n.a.	T 17
F 18	5 0 41	16° 7'19	22° 9	13°44	21°39	15° 8	18°47	22° 4	28° 8	29°52	9°47	2°40	3°35	28°26	n.a.	F 18
S 19	5 4 37	17° 8'22	4♓14	15°25	21°55	15°56	18°52	22° 2	28°11	29°51	9°48	2°41	3°32	28°33	n.a.	S 19
S 20	5 8 34	18° 9'24	16°10	17° 7	22° 8	16°43	18°57	22° 1	28°13	29°49	9°50	2°R41	3°28	28°39	n.a.	S 20
M21	5 12 30	19°10'24	28° 3	18°49	22°19	17°30	19° 2	21°59	28°16	29°48	9°52	2°41	3°25	28°46	n.a.	M21
T 22	5 16 27	20°11'23	9♈56	20°32	22°28	18°17	19° 6	21°58	28°19	29°46	9°54	2°40	3°22	28°53	n.a.	T 22
W23	5 20 23	21°12'20	21°55	22°16	22°35	19° 4	19°11	21°56	28°21	29°44	9°56	2°39	3°19	28°59	n.a.	W23
T 24	5 24 20	22°13'16	4♉ 3	24° 0	22°39	19°52	19°15	21°55	28°24	29°43	9°58	2°37	3°16	29° 6	n.a.	T 24
F 25	5 28 17	23°14'11	16°23	25°45	22°R41	20°39	19°19	21°54	28°26	29°41	9°59	2°36	3°12	29°13	n.a.	F 25
S 26	5 32 13	24°15'04	28°59	27°31	22°40	21°26	19°23	21°53	28°29	29°39	10° 1	2°35	3° 9	29°20	n.a.	S 26
S 27	5 36 10	25°15'55	11♊51	29°17	22°37	22°13	19°27	21°52	28°31	29°38	10° 3	2°34	3° 6	29°26	n.a.	S 27
M28	5 40 6	26°16'45	25° 0	1♑ 4	22°31	23° 1	19°30	21°51	28°34	29°36	10° 5	2°33	3° 3	29°33	n.a.	M28
T 29	5 44 3	27°17'34	8♋26	2°51	22°22	23°48	19°34	21°51	28°36	29°34	10° 6	2°D33	3° 0	29°40	n.a.	T 29
W30	5 47 59	28°18'22	22° 5	4°39	22°12	24°35	19°37	21°50	28°38	29°32	10° 8	2°34	2°57	29°47	n.a.	W30
T 31	5 51 56	29♐19'08	5♌57	6♑27	21♑58	25♐23	19♍40	21♈50	28♎41	29♊31	10♏10	2♑34	2♑53	29♓53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s13	24n10	0n20	17s26	0s23	24s41	1s28	21s33	0s42	6n33	1n25	6n46	2s27	10s18	0n24	23n34	0s16	6s58	8n16	23s48	23s46	3n16		n.a.
W 2	20 27	22 23	0s52	17 59	0 30	24 29	1 21	21 43	0 43	6 30	1 26	6 45	2 26	10 19	0 24	23 34	0 16	6 59	8 16	23 48	23 46	3 18		n.a.
T 3	20 40	19 20	2 2	18 31	0 36	24 18	1 14	21 53	0 43	6 27	1 26	6 44	2 26	10 20	0 24	23 34	0 16	6 59	8 16	23 48	23 46	3 21		n.a.
F 4	20 53	15 12	3 7	19 2	0 43	24 5	1 6	22 3	0 44	6 24	1 26	6 43	2 26	10 21	0 24	23 34	0 16	7 0	8 16	23 48	23 46	3 24		n.a.
S 5	21 5	10 12	4 1	19 33	0 49	23 53	0 58	22 12	0 44	6 22	1 26	6 42	2 26	10 22	0 24	23 34	0 16	7 1	8 16	23 48	23 46	3 27		n.a.
S 6	21 17	4 37	4 43	20 2	0 55	23 40	0 50	22 21	0 45	6 19	1 27	6 41	2 25	10 24	0 24	23 34	0 16	7 1	8 16	23 48	23 46	3 30		n.a.
M 7	21 28	1s15	5 7	20 31	1 0	23 27	0 42	22 30	0 45	6 17	1 27	6 40	2 25	10 25	0 24	23 34	0 16	7 2	8 16	23 48	23 46	3 32		n.a.
T 8	21 39	7 8	5 13	20 59	1 6	23 14	0 33	22 38	0 46	6 14	1 27	6 39	2 25	10 26	0 24	23 34	0 16	7 3	8 16	23 48	23 46	3 35		n.a.
W 9	21 50	12 40	4 59	21 26	1 11	23 1	0 24	22 47	0 46	6 12	1 27	6 38	2 25	10 27	0 24	23 34	0 16	7 3	8 16	23 49	23 47	3 38		n.a.
T 10	22 0	17 30	4 26	21 52	1 16	22 47	0 14	22 55	0 47	6 9	1 28	6 37	2 24	10 28	0 24	23 34	0 16	7 4	8 16	23 49	23 47	3 41		n.a.
F 11	22 10	21 16	3 36	22 17	1 21	22 33	0 4	23 3	0 47	6 7	1 28	6 37	2 24	10 29	0 24	23 34	0 16	7 4	8 16	23 49	23 47	3 44		n.a.
S 12	22 19	23 42	2 34	22 41	1 26	22 19	0n 6	23 10	0 48	6 5	1 28	6 36	2 24	10 30	0 24	23 34	0 16	7 5	8 16	23 49	23 47	3 46		n.a.
S 13	22 28	24 36	1 23	23 3	1 31	22 5	0 16	23 17	0 48	6 3	1 28	6 35	2 24	10 31	0 24	23 34	0 16	7 6	8 16	23 49	23 47	3 49		n.a.
M14	22 37	23 59	0 9	23 25	1 35	21 50	0 27	23 24	0 49	6 1	1 29	6 35	2 23	10 32	0 24	23 34	0 16	7 6	8 16	23 49	23 47	3 52		n.a.
T 15	22 45	21 59	1n 4	23 45	1 39	21 36	0 38	23 31	0 49	5 59	1 29	6 34	2 23	10 33	0 24	23 34	0 16	7 7	8 16	23 49	23 47	3 55		n.a.
W16	22 52	18 54	2 12	24 4	1 42	21 21	0 49	23 38	0 50	5 57	1 29	6 33	2 23	10 35	0 24	23 34	0 16	7 7	8 16	23 49	23 47	3 58		n.a.
T 17	22 59	15 0	3 11	24 22	1 46	21 6	1 1	23 44	0 50	5 55	1 29	6 33	2 22	10 36	0 24	23 34	0 16	7 8	8 16	23 49	23 47	4 0		n.a.
F 18	23 6	10 34	4 1	24 38	1 49	20 52	1 13	23 50	0 51	5 53	1 30	6 32	2 22	10 37	0 24	23 34	0 16	7 8	8 16	23 49	23 47	4 3		n.a.
S 19	23 12	5 48	4 38	24 53	1 52	20 37	1 25	23 56	0 51	5 51	1 30	6 32	2 22	10 38	0 24	23 34	0 16	7 9	8 16	23 49	23 47	4 6		n.a.
S 20	23 18	0 54	5 3	25 6	1 54	20 22	1 38	24 1	0 51	5 49	1 30	6 32	2 22	10 39	0 24	23 34	0 16	7 9	8 16	23 49	23 48	4 9		n.a.
M21	23 23	4n 1	5 15	25 17	1 56	20 8	1 51	24 6	0 52	5 48	1 31	6 31	2 21	10 39	0 24	23 34	0 16	7 10	8 17	23 49	23 48	4 12		n.a.
T 22	23 28	8 47	5 14	25 27	1 58	19 53	2 4	24 11	0 52	5 46	1 31	6 31	2 21	10 40	0 24	23 34	0 16	7 10	8 17	23 49	23 48	4 14		n.a.
W23	23 32	13 16	4 59	25 35	1 59	19 39	2 18	24 15	0 53	5 45	1 31	6 31	2 21	10 41	0 24	23 34	0 16	7 11	8 17	23 49	23 48	4 17		n.a.
T 24	23 36	17 18	4 30	25 42	2 0	19 25	2 31	24 20	0 53	5 43	1 31	6 31	2 20	10 42	0 24	23 34	0 16	7 11	8 17	23 49	23 48	4 20		n.a.
F 25	23 40	20 39	3 49	25 46	2 0	19 11	2 45	24 24	0 54	5 42	1 32	6 31	2 20	10 43	0 24	23 34	0 16	7 12	8 17	23 49	23 48	4 23		n.a.
S 26	23 43	23 7	2 55	25 49	2 0	18 57	2 59	24 27	0 54	5 40	1 32	6 30	2 20	10 44	0 24	23 34	0 16	7 12	8 17	23 49	23 48	4 25		n.a.
S 27	23 45	24 26	1 52	25 50	2 0	18 43	3 14	24 31	0 54	5 39	1 32	6 30	2 19	10 45	0 24	23 34	0 16	7 13	8 17	23 49	23 48	4 28		n.a.
M28	23 47	24 26	0 42	25 49	1 59	18 30	3 28	24 34	0 55	5 38	1 32	6 30	2 19	10 46	0 24	23 34	0 16	7 13	8 17	23 49	23 48	4 31		n.a.
T 29	23 49	23 1	0s33	25 46	1 57	18 17	3 43	24 37	0 55	5 37	1 33	6 30	2 19	10 47	0 24	23 34	0 16	7 14	8 17	23 49	23 48	4 34		n.a.
W30	23 50	20 15	1 46	25 40	1 55	18 4	3 57	24 39	0 56	5 36	1 33	6 30	2 19	10 47	0 24	23 34	0 16	7 14	8 17	23 49	23 48	4 36		n.a.
T 31	23s50	16n17	2s55	25s33	1s52	17s52	4n12	24s41	0s56	5n35	1n33	6n31	2s18	10s48	0n24	23n34	0s16	7s14	8n17	23s49	23s48	4n39		n.a.

Julian Day Number = 1279439.5, Delta T = 08h09m33s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'39, Lahiri = -20°39'38 Julian Calendar 1 Dec. 1211 BCE == Greg. Calendar 20 Nov. 1211 BCE

The year -1210 astronomical counting style corresponds to year 1211 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1210 BCE
geocentric

JANUARY 1210 BCE (-1209) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 55 53	0♉19'52	19♌58	8♉15	21°R42	26♐10	19♍43	21°R49	28♎43	29°R29	10♏11	2♉34	2♉50	29♓59	n.a.	F 1
S 2	5 59 49	1°20'35	4♍ 6	10° 4	21♉24	26°57	19°46	21♈49	28°45	29♊27	10°13	2°34	2°47	0♈ 7	n.a.	S 2
S 3	6 3 46	2°21'17	18°17	11°52	21° 3	27°44	19°48	21°D49	28°47	29°26	10°15	2°R34	2°44	0°13	n.a.	S 3
M 4	6 7 42	3°21'58	2♎29	13°41	20°40	28°32	19°50	21°49	28°49	29°24	10°16	2°D34	2°41	0°20	n.a.	M 4
T 5	6 11 39	4°22'37	16°40	15°29	20°14	29°19	19°53	21°49	28°51	29°22	10°18	2°34	2°37	0°27	n.a.	T 5
W 6	6 15 35	5°23'15	0♏48	17°16	19°47	0♉ 6	19°55	21°49	28°53	29°21	10°19	2°35	2°34	0°34	n.a.	W 6
T 7	6 19 32	6°23'52	14°50	19° 3	19°18	0°54	19°56	21°50	28°55	29°19	10°21	2°35	2°31	0°40	n.a.	T 7
F 8	6 23 28	7°24'28	28°44	20°48	18°47	1°41	19°58	21°50	28°57	29°17	10°22	2°35	2°28	0°47	n.a.	F 8
S 9	6 27 25	8°25'01	12♐28	22°32	18°14	2°28	19°59	21°51	28°59	29°16	10°23	2°36	2°25	0°54	n.a.	S 9
S 10	6 31 22	9°25'34	26° 0	24°14	17°40	3°16	20° 0	21°51	29° 1	29°14	10°25	2°R36	2°22	1° 1	n.a.	S 10
M11	6 35 18	10°26'04	9♉17	25°54	17° 5	4° 3	20° 1	21°52	29° 3	29°12	10°26	2°36	2°18	1° 7	n.a.	M11
T 12	6 39 15	11°26'33	22°20	27°31	16°28	4°50	20° 2	21°53	29° 4	29°11	10°28	2°36	2°15	1°14	n.a.	T 12
W13	6 43 11	12°27'00	5♒ 6	29° 4	15°51	5°37	20° 3	21°54	29° 6	29° 9	10°29	2°35	2°12	1°21	n.a.	W13
T 14	6 47 8	13°27'25	17°38	0♒33	15°14	6°25	20° 3	21°55	29° 8	29° 7	10°30	2°33	2° 9	1°27	n.a.	T 14
F 15	6 51 4	14°27'48	29°55	1°57	14°36	7°12	20° 4	21°57	29° 9	29° 6	10°31	2°32	2° 6	1°34	n.a.	F 15
S 16	6 55 1	15°28'08	12♓ 1	3°16	13°59	7°59	20°R 4	21°58	29°11	29° 4	10°33	2°30	2° 3	1°41	n.a.	S 16
S 17	6 58 57	16°28'27	23°58	4°29	13°21	8°46	20° 4	22° 0	29°12	29° 3	10°34	2°28	1°59	1°48	n.a.	S 17
M18	7 2 54	17°28'44	5♈51	5°35	12°44	9°34	20° 3	22° 1	29°14	29° 1	10°35	2°27	1°56	1°54	n.a.	M18
T 19	7 6 51	18°28'58	17°44	6°34	12° 8	10°21	20° 3	22° 3	29°15	28°59	10°36	2°D27	1°53	2° 1	n.a.	T 19
W20	7 10 47	19°29'10	29°42	7°25	11°33	11° 8	20° 2	22° 5	29°16	28°58	10°37	2°27	1°50	2° 8	n.a.	W20
T 21	7 14 44	20°29'20	11♉49	8° 8	10°59	11°55	20° 1	22° 7	29°18	28°56	10°38	2°28	1°47	2°15	n.a.	T 21
F 22	7 18 40	21°29'27	24° 9	8°42	10°27	12°43	20° 0	22° 9	29°19	28°55	10°39	2°29	1°43	2°21	n.a.	F 22
S 23	7 22 37	22°29'33	6♊48	9° 7	9°56	13°30	19°59	22°11	29°20	28°53	10°40	2°31	1°40	2°28	n.a.	S 23
S 24	7 26 33	23°29'36	19°48	9°23	9°28	14°17	19°57	22°13	29°21	28°52	10°41	2°32	1°37	2°35	n.a.	S 24
M25	7 30 30	24°29'37	3♋10	9°R29	9° 1	15° 4	19°56	22°16	29°22	28°50	10°42	2°R33	1°34	2°41	n.a.	M25
T 26	7 34 26	25°29'36	16°54	9°26	8°36	15°51	19°54	22°18	29°23	28°49	10°43	2°32	1°31	2°48	n.a.	T 26
W27	7 38 23	26°29'33	0♌59	9°14	8°13	16°38	19°52	22°21	29°24	28°47	10°44	2°30	1°28	2°55	n.a.	W27
T 28	7 42 20	27°29'28	15°20	8°53	7°53	17°25	19°50	22°23	29°25	28°46	10°45	2°27	1°24	3° 2	n.a.	T 28
F 29	7 46 16	28°29'20	29°51	8°24	7°35	18°12	19°47	22°26	29°26	28°44	10°46	2°24	1°21	3° 8	n.a.	F 29
S 30	7 50 13	29°29'11	14♍26	7°47	7°20	18°59	19°45	22°29	29°27	28°43	10°47	2°20	1°18	3°15	n.a.	S 30
S 31	7 54 9	0♒29'00	28♍59	7♒ 4	7♉ 7	19♉46	19♍42	22♈32	29♎28	28♊42	10♏47	2♉16	1♉15	3♈22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s50	11n22	3 s54	25 s24	1 s49	17 s40	4n27	24 s43	0 s56	5n34	1n34	6n31	2 s18	10 s49	0n24	23n34	0 s16	7 s15	8n18	23 s49	23 s48	4n42		n.a.
S 2	23 50	5 51	4 39	25 12	1 45	17 29	4 41	24 45	0 57	5 33	1 34	6 31	2 18	10 50	0 24	23 34	0 16	7 15	8 18	23 49	23 49	4 45		n.a.
S 3	23 49	0 0	5 7	24 58	1 41	17 17	4 56	24 46	0 57	5 33	1 34	6 31	2 17	10 51	0 24	23 34	0 16	7 16	8 18	23 49	23 49	4 47		n.a.
M 4	23 48	5 s50	5 17	24 42	1 35	17 7	5 10	24 47	0 58	5 32	1 34	6 32	2 17	10 51	0 24	23 34	0 16	7 16	8 18	23 49	23 49	4 50		n.a.
T 5	23 46	11 22	5 8	24 24	1 29	16 57	5 24	24 48	0 58	5 31	1 35	6 32	2 17	10 52	0 24	23 34	0 16	7 16	8 18	23 49	23 49	4 53		n.a.
W 6	23 44	16 18	4 40	24 4	1 23	16 47	5 38	24 49	0 58	5 31	1 35	6 32	2 16	10 53	0 24	23 34	0 16	7 17	8 18	23 49	23 49	4 56		n.a.
T 7	23 41	20 17	3 55	23 42	1 15	16 38	5 51	24 49	0 59	5 30	1 35	6 33	2 16	10 53	0 24	23 34	0 16	7 17	8 18	23 49	23 49	4 58		n.a.
F 8	23 38	23 5	2 57	23 18	1 7	16 29	6 4	24 49	0 59	5 30	1 36	6 33	2 16	10 54	0 24	23 34	0 16	7 17	8 18	23 49	23 49	5 1		n.a.
S 9	23 34	24 28	1 49	22 52	0 58	16 21	6 17	24 48	0 59	5 30	1 36	6 34	2 15	10 55	0 24	23 34	0 16	7 18	8 19	23 49	23 49	5 4		n.a.
S 10	23 30	24 23	0 37	22 25	0 48	16 14	6 29	24 47	1 0	5 29	1 36	6 34	2 15	10 55	0 24	23 34	0 16	7 18	8 19	23 49	23 49	5 7		n.a.
M11	23 25	22 54	0n37	21 56	0 37	16 7	6 40	24 46	1 0	5 29	1 37	6 35	2 15	10 56	0 24	23 34	0 16	7 18	8 19	23 49	23 49	5 9		n.a.
T 12	23 20	20 12	1 47	21 26	0 26	16 1	6 51	24 45	1 0	5 29	1 37	6 35	2 14	10 57	0 25	23 34	0 16	7 19	8 19	23 49	23 49	5 12		n.a.
W13	23 15	16 33	2 50	20 55	0 14	15 55	7 1	24 43	1 1	5 29	1 37	6 36	2 14	10 57	0 25	23 34	0 16	7 19	8 19	23 49	23 49	5 15		n.a.
T 14	23 9	12 15	3 44	20 23	0 1	15 50	7 10	24 42	1 1	5 29	1 37	6 37	2 14	10 58	0 25	23 34	0 16	7 19	8 19	23 49	23 49	5 18		n.a.
F 15	23 2	7 32	4 26	19 51	0n13	15 46	7 18	24 39	1 1	5 30	1 38	6 38	2 14	10 58	0 25	23 34	0 16	7 19	8 19	23 49	23 49	5 20		n.a.
S 16	22 55	2 37	4 56	19 19	0 27	15 42	7 26	24 37	1 1	5 30	1 38	6 38	2 13	10 59	0 25	23 34	0 16	7 20	8 20	23 49	23 49	5 23		n.a.
S 17	22 48	2n20	5 12	18 47	0 42	15 39	7 32	24 34	1 2	5 30	1 38	6 39	2 13	10 59	0 25	23 34	0 16	7 20	8 20	23 49	23 49	5 26		n.a.
M18	22 40	7 10	5 15	18 16	0 57	15 37	7 38	24 31	1 2	5 31	1 39	6 40	2 13	11 0	0 25	23 34	0 16	7 20	8 20	23 49	23 49	5 29		n.a.
T 19	22 32	11 45	5 5	17 46	1 13	15 35	7 43	24 28	1 2	5 31	1 39	6 41	2 12	11 0	0 25	23 34	0 16	7 20	8 20	23 49	23 49	5 31		n.a.
W20	22 24	15 55	4 41	17 18	1 28	15 35	7 47	24 24	1 2	5 32	1 39	6 42	2 12	11 1	0 25	23 34	0 16	7 20	8 20	23 49	23 50	5 34		n.a.
T 21	22 15	19 30	4 5	16 52	1 44	15 34	7 50	24 20	1 3	5 32	1 39	6 43	2 12	11 1	0 25	23 34	0 16	7 21	8 20	23 49	23 50	5 37		n.a.
F 22	22 5	22 17	3 16	16 28	2 0	15 35	7 52	24 16	1 3	5 33	1 40	6 44	2 11	11 2	0 25	23 34	0 16	7 21	8 20	23 49	23 50	5 39		n.a.
S 23	21 56	24 4	2 17	16 6	2 15	15 36	7 53	24 11	1 3	5 34	1 40	6 45	2 11	11 2	0 25	23 34	0 16	7 21	8 21	23 49	23 50	5 42		n.a.
S 24	21 45	24 36	1 10	15 47	2 30	15 37	7 54	24 7	1 3	5 34	1 40	6 46	2 11	11 3	0 25	23 34	0 16	7 21	8 21	23 49	23 50	5 45		n.a.
M25	21 35	23 45	0 s 3	15 32	2 45	15 39	7 53	24 2	1 4	5 35	1 40	6 48	2 10	11 3	0 25	23 34	0 16	7 21	8 21	23 49	23 50	5 47		n.a.
T 26	21 24	21 27	1 18	15 20	2 58	15 42	7 52	23 56	1 4	5 36	1 41	6 49	2 10	11 3	0 25	23 34	0 16	7 21	8 21	23 49	23 50	5 50		n.a.
W27	21 12	17 50	2 30	15 11	3 11	15 45	7 50	23 51	1 4	5 37	1 41	6 50	2 10	11 4	0 25	23 34	0 16	7 21	8 21	23 49	23 50	5 53		n.a.
T 28	21 1	13 6	3 34	15 6	3 22	15 49	7 48	23 45	1 4	5 38	1 41	6 51	2 10	11 4	0 25	23 34	0 16	7 22	8 21	23 49	23 50	5 56		n.a.
F 29	20 48	7 36	4 24	15 4	3 32	15 53	7 44	23 39	1 5	5 40	1 42	6 53	2 9	11 4	0 25	23 34	0 16	7 22	8 22	23 49	23 50	5 58		n.a.
S 30	20 36	1 39	4 58	15 5	3 40	15 58	7 41	23 32	1 5	5 41	1 42	6 54	2 9	11 5	0 25	23 34	0 16	7 22	8 22	23 49	23 50	6 1		n.a.
S 31	20 s23	4 s21	5 s13	15 s10	3n46	16 s 3	7n36	23 s25	1 s 5	5n42	1n42	6n55	2 s 9	11 s 5	0n25	23n34	0 s16	7 s22	8n22	23 s49	23 s50	6n 4		n.a.

Julian Day Number = 1279470.5, Delta T = 08h09m32s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'34, Lahiri = -20°39'34 Julian Calendar 1 Jan. 1210 BCE == Greg. Calendar 21 Dec. 1211 BCE

The year -1209 astronomical counting style corresponds to year 1210 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1210 BCE
geocentric

FEBRUARY 1210 BCE (-1209) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 58 6	1♒28'47	13♎25	6°R16	6°R56	20♑34	19°R39	22♈35	29♎28	28°R40	10♏48	2°R14	1♑12	3♈28	n.a.	M 1
T 2	8 2 2	2°28'32	27°39	5♒23	6♑48	21°21	19♍36	22°39	29°29	28♊39	10°49	2°D13	1° 9	3°35	n.a.	T 2
W 3	8 5 59	3°28'15	11♏40	4°27	6°43	22° 8	19°33	22°42	29°29	28°38	10°50	2♑13	1° 5	3°42	n.a.	W 3
T 4	8 9 55	4°27'57	25°27	3°30	6°40	22°54	19°29	22°45	29°30	28°36	10°50	2°14	1° 2	3°49	n.a.	T 4
F 5	8 13 52	5°27'37	8♐59	2°32	6°D39	23°41	19°26	22°49	29°31	28°35	10°51	2°16	0°59	3°55	n.a.	F 5
S 6	8 17 49	6°27'15	22°18	1°35	6°41	24°28	19°22	22°52	29°31	28°34	10°51	2°17	0°56	4° 2	n.a.	S 6
S 7	8 21 45	7°26'51	5♑24	0°41	6°45	25°15	19°18	22°56	29°31	28°33	10°52	2°R17	0°53	4° 9	n.a.	S 7
M 8	8 25 42	8°26'25	18°18	29♑49	6°52	26° 2	19°14	23° 0	29°32	28°31	10°52	2°16	0°49	4°16	n.a.	M 8
T 9	8 29 38	9°25'57	1♒ 0	29° 1	7° 1	26°49	19° 9	23° 4	29°32	28°30	10°53	2°13	0°46	4°22	n.a.	T 9
W10	8 33 35	10°25'26	13°32	28°17	7°12	27°36	19° 5	23° 8	29°32	28°29	10°53	2° 8	0°43	4°29	n.a.	W10
T 11	8 37 31	11°24'54	25°52	27°39	7°25	28°23	19° 0	23°12	29°32	28°28	10°54	2° 2	0°40	4°36	n.a.	T 11
F 12	8 41 28	12°24'19	8♓ 3	27° 6	7°40	29° 9	18°56	23°16	29°32	28°27	10°54	1°54	0°37	4°42	n.a.	F 12
S 13	8 45 24	13°23'41	20° 6	26°39	7°57	29°56	18°51	23°20	29°32	28°26	10°54	1°46	0°34	4°49	n.a.	S 13
S 14	8 49 21	14°23'02	2♈ 1	26°18	8°16	0♒43	18°46	23°25	29°R32	28°24	10°55	1°39	0°30	4°56	n.a.	S 14
M15	8 53 17	15°22'20	13°53	26° 4	8°37	1°29	18°40	23°29	29°32	28°23	10°55	1°33	0°27	5° 3	n.a.	M15
T 16	8 57 14	16°21'35	25°45	25°55	8°59	2°16	18°35	23°34	29°32	28°22	10°55	1°28	0°24	5° 9	n.a.	T 16
W17	9 1 11	17°20'49	7♉41	25°D52	9°24	3° 3	18°30	23°38	29°32	28°21	10°55	1°26	0°21	5°16	n.a.	W17
T 18	9 5 7	18°20'00	19°45	25°54	9°50	3°49	18°24	23°43	29°32	28°20	10°56	1°D26	0°18	5°23	n.a.	T 18
F 19	9 9 4	19°19'08	2♊ 3	26° 2	10°18	4°36	18°18	23°48	29°32	28°20	10°56	1°26	0°15	5°30	n.a.	F 19
S 20	9 13 0	20°18'14	14°39	26°16	10°47	5°22	18°12	23°53	29°31	28°19	10°56	1°28	0°11	5°36	n.a.	S 20
S 21	9 16 57	21°17'18	27°37	26°34	11°17	6° 9	18° 6	23°58	29°31	28°18	10°56	1°R28	0° 8	5°43	n.a.	S 21
M22	9 20 53	22°16'19	11♋ 2	26°58	11°50	6°55	18° 0	24° 3	29°31	28°17	10°56	1°28	0° 5	5°50	n.a.	M22
T 23	9 24 50	23°15'18	24°55	27°26	12°23	7°42	17°54	24° 8	29°30	28°16	10°R56	1°26	0° 2	5°56	n.a.	T 23
W24	9 28 46	24°14'14	9♌13	27°58	12°58	8°28	17°47	24°13	29°30	28°15	10°56	1°21	29♐59	6° 3	n.a.	W24
T 25	9 32 43	25°13'08	23°54	28°34	13°34	9°14	17°41	24°18	29°29	28°14	10°56	1°15	29°55	6°10	n.a.	T 25
F 26	9 36 39	26°12'00	8♍50	29°15	14°11	10° 1	17°34	24°24	29°28	28°14	10°56	1° 7	29°52	6°17	n.a.	F 26
S 27	9 40 36	27°10'50	23°52	29°59	14°50	10°47	17°28	24°29	29°28	28°13	10°56	0°58	29°49	6°23	n.a.	S 27
S 28	9 44 33	28♒ 9'38	8♎50	0♒46	15♑30	11♒33	17♍21	24♈34	29♎27	28♊12	10♏56	0♑50	29♐46	6♈30	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s10	10s 5	5s 7	15s18	3n51	16s 9	7n31	23s19	1s 5	5n44	1n42	6n57	2s 8	11s 5	0n25	23n34	0s16	7s22	8n22	23s49	23s50	6n 6		n.a.
T 2	19 56	15 12	4 43	15 28	3 53	16 14	7 26	23 11	1 5	5 45	1 43	6 58	2 8	11 5	0 25	23 34	0 16	7 22	8 22	23 49	23 50	6 9		n.a.
W 3	19 42	19 25	4 2	15 41	3 53	16 20	7 20	23 4	1 6	5 47	1 43	7 0	2 8	11 5	0 25	23 34	0 16	7 22	8 22	23 49	23 50	6 12		n.a.
T 4	19 28	22 29	3 8	15 57	3 52	16 27	7 14	22 56	1 6	5 48	1 43	7 1	2 8	11 6	0 25	23 34	0 16	7 22	8 23	23 49	23 50	6 14		n.a.
F 5	19 13	24 12	2 4	16 13	3 48	16 33	7 7	22 48	1 6	5 50	1 43	7 3	2 7	11 6	0 25	23 34	0 15	7 22	8 23	23 49	23 50	6 17		n.a.
S 6	18 58	24 31	0 54	16 31	3 42	16 40	7 0	22 40	1 6	5 52	1 44	7 5	2 7	11 6	0 25	23 34	0 15	7 22	8 23	23 49	23 50	6 20		n.a.
S 7	18 43	23 27	0n17	16 50	3 35	16 47	6 53	22 31	1 6	5 53	1 44	7 6	2 7	11 6	0 25	23 34	0 15	7 22	8 23	23 49	23 50	6 22		n.a.
M 8	18 27	21 9	1 26	17 10	3 26	16 54	6 46	22 23	1 6	5 55	1 44	7 8	2 6	11 6	0 25	23 34	0 15	7 22	8 23	23 49	23 50	6 25		n.a.
T 9	18 11	17 50	2 30	17 30	3 16	17 2	6 38	22 14	1 6	5 57	1 44	7 10	2 6	11 6	0 25	23 34	0 15	7 22	8 24	23 49	23 50	6 28		n.a.
W10	17 55	13 46	3 25	17 50	3 5	17 9	6 30	22 4	1 6	5 59	1 44	7 11	2 6	11 6	0 25	23 34	0 15	7 22	8 24	23 49	23 50	6 30		n.a.
T 11	17 39	9 11	4 10	18 10	2 53	17 16	6 22	21 55	1 7	6 1	1 45	7 13	2 6	11 6	0 25	23 34	0 15	7 22	8 24	23 49	23 50	6 33		n.a.
F 12	17 22	4 19	4 43	18 29	2 39	17 24	6 14	21 45	1 7	6 3	1 45	7 15	2 5	11 6	0 25	23 34	0 15	7 22	8 24	23 49	23 50	6 36		n.a.
S 13	17 5	0n38	5 2	18 47	2 26	17 31	6 5	21 35	1 7	6 6	1 45	7 17	2 5	11 6	0 25	23 34	0 15	7 22	8 24	23 50	23 50	6 38		n.a.
S 14	16 47	5 31	5 9	19 5	2 12	17 38	5 57	21 25	1 7	6 8	1 45	7 19	2 5	11 6	0 25	23 34	0 15	7 22	8 24	23 50	23 50	6 41		n.a.
M15	16 30	10 11	5 2	19 22	1 57	17 46	5 48	21 15	1 7	6 10	1 46	7 21	2 4	11 6	0 25	23 34	0 15	7 22	8 25	23 50	23 50	6 44		n.a.
T 16	16 12	14 28	4 42	19 38	1 43	17 53	5 40	21 4	1 7	6 12	1 46	7 23	2 4	11 6	0 25	23 34	0 15	7 21	8 25	23 50	23 50	6 46		n.a.
W17	15 54	18 13	4 9	19 53	1 29	18 0	5 31	20 53	1 7	6 15	1 46	7 25	2 4	11 6	0 25	23 34	0 15	7 21	8 25	23 50	23 50	6 49		n.a.
T 18	15 35	21 16	3 26	20 6	1 14	18 7	5 22	20 42	1 7	6 17	1 46	7 27	2 4	11 6	0 25	23 34	0 15	7 21	8 25	23 50	23 50	6 52		n.a.
F 19	15 16	23 24	2 32	20 18	1 0	18 13	5 13	20 31	1 7	6 20	1 46	7 29	2 3	11 6	0 25	23 34	0 15	7 21	8 25	23 50	23 50	6 54		n.a.
S 20	14 58	24 25	1 29	20 30	0 46	18 20	5 5	20 20	1 7	6 22	1 46	7 31	2 3	11 6	0 25	23 34	0 15	7 21	8 26	23 50	23 50	6 57		n.a.
S 21	14 38	24 10	0 21	20 39	0 33	18 26	4 56	20 8	1 7	6 25	1 47	7 33	2 3	11 6	0 25	23 34	0 15	7 21	8 26	23 50	23 50	7 0		n.a.
M22	14 19	22 31	0s51	20 48	0 20	18 32	4 47	19 56	1 7	6 27	1 47	7 35	2 3	11 6	0 25	23 34	0 15	7 21	8 26	23 50	23 50	7 2		n.a.
T 23	14 0	19 30	2 3	20 55	0 7	18 38	4 38	19 44	1 7	6 30	1 47	7 37	2 2	11 5	0 25	23 34	0 15	7 20	8 26	23 50	23 50	7 5		n.a.
W24	13 40	15 13	3 8	21 0	0s 6	18 43	4 30	19 32	1 7	6 32	1 47	7 39	2 2	11 5	0 25	23 34	0 15	7 20	8 26	23 50	23 50	7 7		n.a.
T 25	13 20	9 57	4 3	21 5	0 18	18 49	4 21	19 19	1 7	6 35	1 47	7 41	2 2	11 5	0 25	23 35	0 15	7 20	8 26	23 50	23 50	7 10		n.a.
F 26	13 0	4 2	4 43	21 7	0 29	18 53	4 12	19 7	1 7	6 38	1 47	7 44	2 2	11 5	0 25	23 35	0 15	7 20	8 27	23 50	23 50	7 13		n.a.
S 27	12 39	2s 9	5 3	21 9	0 40	18 58	4 4	18 54	1 7	6 41	1 47	7 46	2 1	11 5	0 25	23 35	0 15	7 20	8 27	23 50	23 50	7 15		n.a.
S 28	12s19	8s10	5s 2	21s 8	0s50	19s 2	3n55	18s41	1s 7	6n44	1n48	7n48	2s 1	11s 4	0n25	23n35	0s15	7s20	8n27	23s50	23s50	7n18		n.a.

Julian Day Number = 1279501.5, Delta T = 08h09m30s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'30, Lahiri = -20°39'30 Julian Calendar 1 Feb. 1210 BCE == Greg. Calendar 21 Jan. 1210 BCE

The year -1209 astronomical counting style corresponds to year 1210 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1210 BCE
geocentric

MARCH 1210 BCE (-1209) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 48 29	29♒ 8'23	23♎37	1♒37	16♉11	12♒19	17°R14	24♈40	29°R26	28°R12	10°R55	0°R44	29♐43	6♈37	n.a.	M 1
T 2	9 52 26	0♓ 7'08	8♏ 5	2°31	16°52	13° 6	17♍ 7	24°46	29♎25	28♊11	10♏55	0♉39	29°40	6°43	n.a.	T 2
W 3	9 56 22	1° 5'50	22°12	3°28	17°35	13°52	17° 0	24°51	29°25	28°10	10°55	0°37	29°36	6°50	n.a.	W 3
T 4	10 0 19	2° 4'30	5♐56	4°28	18°19	14°38	16°53	24°57	29°24	28°10	10°55	0°D37	29°33	6°57	n.a.	T 4
F 5	10 4 15	3° 3'09	19°19	5°31	19° 4	15°24	16°46	25° 3	29°23	28° 9	10°54	0°38	29°30	7° 4	n.a.	F 5
S 6	10 8 12	4° 1'46	2♉24	6°36	19°50	16°10	16°38	25° 9	29°22	28° 9	10°54	0°R38	29°27	7°10	n.a.	S 6
S 7	10 12 8	5° 0'22	15°13	7°44	20°36	16°56	16°31	25°15	29°21	28° 8	10°54	0°37	29°24	7°17	n.a.	S 7
M 8	10 16 5	5°58'55	27°49	8°55	21°23	17°42	16°24	25°21	29°20	28° 8	10°53	0°34	29°21	7°24	n.a.	M 8
T 9	10 20 2	6°57'26	10♒14	10° 7	22°11	18°28	16°16	25°27	29°18	28° 8	10°53	0°28	29°17	7°31	n.a.	T 9
W10	10 23 58	7°55'56	22°30	11°22	23° 0	19°14	16° 9	25°33	29°17	28° 7	10°52	0°19	29°14	7°37	n.a.	W10
T 11	10 27 55	8°54'23	4♓39	12°39	23°50	19°59	16° 1	25°40	29°16	28° 7	10°52	0° 8	29°11	7°44	n.a.	T 11
F 12	10 31 51	9°52'49	16°41	13°58	24°40	20°45	15°54	25°46	29°15	28° 7	10°51	29♐55	29° 8	7°51	n.a.	F 12
S 13	10 35 48	10°51'12	28°38	15°19	25°31	21°31	15°46	25°52	29°13	28° 6	10°51	29°42	29° 5	7°57	n.a.	S 13
S 14	10 39 44	11°49'33	10♈31	16°42	26°23	22°16	15°38	25°59	29°12	28° 6	10°50	29°30	29° 1	8° 4	n.a.	S 14
M15	10 43 41	12°47'53	22°22	18° 7	27°15	23° 2	15°31	26° 5	29°11	28° 6	10°50	29°19	28°58	8°11	n.a.	M15
T 16	10 47 37	13°46'10	4♉14	19°34	28° 8	23°48	15°23	26°12	29° 9	28° 6	10°49	29°10	28°55	8°18	n.a.	T 16
W17	10 51 34	14°44'25	16° 9	21° 3	29° 1	24°33	15°15	26°18	29° 8	28° 5	10°48	29° 4	28°52	8°24	n.a.	W17
T 18	10 55 30	15°42'38	28°11	22°34	29°55	25°19	15° 8	26°25	29° 6	28° 5	10°48	29° 1	28°49	8°31	n.a.	T 18
F 19	10 59 27	16°40'49	10♊26	24° 6	0♒49	26° 4	15° 0	26°32	29° 5	28° 5	10°47	29° 0	28°46	8°38	n.a.	F 19
S 20	11 3 24	17°38'57	22°58	25°40	1°44	26°50	14°52	26°38	29° 3	28° 5	10°46	29° 0	28°42	8°45	n.a.	S 20
S 21	11 7 20	18°37'04	5♋52	27°17	2°40	27°35	14°45	26°45	29° 1	28°D 5	10°45	29° 0	28°39	8°51	n.a.	S 21
M22	11 11 17	19°35'09	19°13	28°55	3°36	28°20	14°37	26°52	29° 0	28° 5	10°44	28°58	28°36	8°58	n.a.	M22
T 23	11 15 13	20°33'11	3♌ 2	0♓35	4°32	29° 5	14°30	26°59	28°58	28° 5	10°44	28°55	28°33	9° 5	n.a.	T 23
W24	11 19 10	21°31'11	17°22	2°16	5°29	29°51	14°22	27° 6	28°56	28° 5	10°43	28°49	28°30	9°11	n.a.	W24
T 25	11 23 6	22°29'10	2♍ 8	4° 0	6°26	0♓36	14°14	27°13	28°54	28° 6	10°42	28°41	28°26	9°18	n.a.	T 25
F 26	11 27 3	23°27'06	17°14	5°45	7°24	1°21	14° 7	27°20	28°53	28° 6	10°41	28°31	28°23	9°25	n.a.	F 26
S 27	11 30 59	24°25'01	2♎31	7°32	8°22	2° 6	13°59	27°27	28°51	28° 6	10°40	28°20	28°20	9°32	n.a.	S 27
S 28	11 34 56	25°22'54	17°47	9°21	9°20	2°51	13°52	27°34	28°49	28° 6	10°39	28°10	28°17	9°38	n.a.	S 28
M29	11 38 52	26°20'45	2♏52	11°12	10°19	3°36	13°45	27°41	28°47	28° 6	10°38	28° 1	28°14	9°45	n.a.	M29
T 30	11 42 49	27°18'35	17°36	13° 5	11°19	4°21	13°37	27°48	28°45	28° 7	10°37	27°55	28°11	9°52	n.a.	T 30
W31	11 46 46	28♓16'24	1♐55	14♓59	12♒18	5♓ 6	13♍30	27♈56	28♎43	28♊ 7	10♏36	27♐51	28♐ 7	9♈58	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11s58	13s39	4s41	21s 7	1s 0	19s 6	3n46	18s28	1s 7	6n46	1n48	7n50	2s 1	11s 4	0n25	23n35	0s15	7s19	8n27	23s50	23s50	7n21			n.a.
T 2	11 37	18 15	4 3	21 3	1 10	19 9	3 38	18 14	1 7	6 49	1 48	7 53	2 1	11 4	0 25	23 35	0 15	7 19	8 27	23 50	23 50	7 23			n.a.
W 3	11 16	21 41	3 10	20 58	1 19	19 12	3 30	18 1	1 7	6 52	1 48	7 55	2 1	11 3	0 25	23 35	0 15	7 19	8 27	23 50	23 50	7 26			n.a.
T 4	10 55	23 45	2 8	20 52	1 27	19 14	3 21	17 47	1 7	6 55	1 48	7 57	2 0	11 3	0 25	23 35	0 15	7 19	8 28	23 50	23 50	7 28			n.a.
F 5	10 33	24 24	1 0	20 44	1 35	19 16	3 13	17 33	1 7	6 58	1 48	8 0	2 0	11 3	0 25	23 35	0 15	7 18	8 28	23 50	23 50	7 31			n.a.
S 6	10 12	23 40	0n 9	20 35	1 42	19 18	3 5	17 19	1 7	7 1	1 48	8 2	2 0	11 2	0 25	23 35	0 15	7 18	8 28	23 50	23 50	7 34			n.a.
S 7	9 50	21 41	1 17	20 23	1 49	19 19	2 57	17 5	1 7	7 4	1 48	8 4	2 0	11 2	0 25	23 35	0 15	7 18	8 28	23 50	23 50	7 36			n.a.
M 8	9 28	18 40	2 19	20 11	1 55	19 20	2 49	16 51	1 7	7 7	1 48	8 7	1 59	11 2	0 25	23 35	0 15	7 18	8 28	23 50	23 50	7 39			n.a.
T 9	9 6	14 52	3 14	19 56	2 1	19 20	2 41	16 36	1 7	7 10	1 48	8 9	1 59	11 1	0 25	23 35	0 15	7 17	8 28	23 50	23 50	7 41			n.a.
W10	8 44	10 29	3 59	19 40	2 6	19 20	2 33	16 22	1 7	7 13	1 48	8 12	1 59	11 1	0 25	23 35	0 15	7 17	8 29	23 50	23 50	7 44			n.a.
T 11	8 22	5 45	4 32	19 23	2 11	19 19	2 25	16 7	1 7	7 16	1 48	8 14	1 59	11 0	0 25	23 35	0 15	7 17	8 29	23 50	23 50	7 47			n.a.
F 12	7 59	0 51	4 53	19 4	2 15	19 18	2 18	15 52	1 7	7 19	1 49	8 17	1 59	11 0	0 25	23 35	0 15	7 16	8 29	23 50	23 50	7 49			n.a.
S 13	7 37	4n 2	5 1	18 43	2 18	19 16	2 10	15 37	1 7	7 22	1 49	8 19	1 58	10 59	0 25	23 35	0 15	7 16	8 29	23 50	23 50	7 52			n.a.
S 14	7 15	8 45	4 56	18 20	2 21	19 13	2 3	15 22	1 7	7 25	1 49	8 22	1 58	10 59	0 25	23 35	0 15	7 16	8 29	23 50	23 50	7 54			n.a.
M15	6 52	13 7	4 37	17 56	2 24	19 11	1 55	15 7	1 6	7 28	1 49	8 24	1 58	10 58	0 25	23 35	0 15	7 15	8 29	23 50	23 50	7 57			n.a.
T 16	6 29	17 0	4 7	17 30	2 26	19 7	1 48	14 51	1 6	7 31	1 49	8 27	1 58	10 58	0 25	23 35	0 15	7 15	8 29	23 50	23 50	7 59			n.a.
W17	6 6	20 14	3 26	17 2	2 27	19 3	1 41	14 36	1 6	7 34	1 49	8 30	1 58	10 57	0 25	23 35	0 15	7 15	8 30	23 50	23 50	8 2			n.a.
T 18	5 44	22 36	2 35	16 33	2 28	18 59	1 34	14 20	1 6	7 37	1 49	8 32	1 57	10 57	0 25	23 35	0 15	7 14	8 30	23 50	23 50	8 5			n.a.
F 19	5 21	23 59	1 37	16 2	2 28	18 54	1 27	14 4	1 6	7 40	1 49	8 35	1 57	10 56	0 25	23 35	0 15	7 14	8 30	23 50	23 50	8 7			n.a.
S 20	4 58	24 11	0 32	15 29	2 28	18 49	1 20	13 48	1 6	7 43	1 49	8 37	1 57	10 55	0 25	23 35	0 15	7 14	8 30	23 50	23 50	8 10			n.a.
S 21	4 34	23 6	0s36	14 55	2 27	18 42	1 13	13 32	1 6	7 46	1 48	8 40	1 57	10 55	0 25	23 35	0 15	7 13	8 30	23 50	23 50	8 12			n.a.
M22	4 11	20 42	1 45	14 19	2 26	18 36	1 6	13 16	1 6	7 49	1 48	8 43	1 57	10 54	0 25	23 35	0 15	7 13	8 30	23 50	23 50	8 15			n.a.
T 23	3 48	17 3	2 50	13 41	2 24	18 29	1 0	13 0	1 5	7 52	1 48	8 45	1 57	10 54	0 25	23 35	0 15	7 13	8 30	23 50	23 50	8 17			n.a.
W24	3 25	12 18	3 46	13 2	2 21	18 21	0 53	12 44	1 5	7 55	1 48	8 48	1 56	10 53	0 25	23 35	0 15	7 12	8 30	23 50	23 50	8 20			n.a.
T 25	3 2	6 43	4 29	12 21	2 18	18 13	0 47	12 27	1 5	7 58	1 48	8 51	1 56	10 52	0 25	23 35	0 15	7 12	8 31	23 50	23 50	8 22			n.a.
F 26	2 39	0 37	4 55	11 38	2 15	18 4	0 41	12 11	1 5	8 1	1 48	8 54	1 56	10 52	0 25	23 35	0 14	7 11	8 31	23 50	23 50	8 25			n.a.
S 27	2 15	5s35	4 59	10 54	2 11	17 55	0 35	11 54	1 5	8 3	1 48	8 56	1 56	10 51	0 25	23 35	0 14	7 11	8 31	23 50	23 50	8 28			n.a.
S 28	1 52	11 26	4 43	10 8	2 6	17 45	0 29	11 38	1 4	8 6	1 48	8 59	1 56	10 50	0 25	23 35	0 14	7 11	8 31	23 50	23 50	8 30			n.a.
M29	1 29	16 32	4 7	9 20	2 1	17 35	0 23	11 21	1 4	8 9	1 48	9 2	1 56	10 50	0 25	23 35	0 14	7 10	8 31	23 49	23 50	8 33			n.a.
T 30	1 5	20 29	3 15	8 31	1 55	17 24	0 17	11 4	1 4	8 12	1 48	9 5	1 55	10 49	0 25	23 35	0 14	7 10	8 31	23 49	23 50	8 35			n.a.
W31	0s42	23s 3	2s12	7s41	1s49	17s13	0n11	10s47	1s 4	8n15	1n48	9n 7	1s55	10s48	0n25	23n35	0s14	7s 9	8n31	23s49	23s49	8n38			n.a.

Julian Day Number = 1279529.5, Delta T = 08h09m28s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'26, Lahiri = -20°39'26 Julian Calendar 1 March 1210 BCE == Greg. Calendar 18 Feb. 1210 BCE

The year -1209 astronomical counting style corresponds to year 1210 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1210 BCE
geocentric

APRIL 1210 BCE (-1209) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 50 42	29♓14'11	15♐47	16♓55	13♒18	5♓50	13°R23	28♈ 3	28°R41	28♊ 7	10°R35	27°R50	28♐ 4	10♈ 5	n.a.	T 1
F 2	11 54 39	0♈11'57	29°12	18°53	14°18	6°35	13♍16	28°10	28♎39	28° 8	10♏34	27♐50	28° 1	10°12	n.a.	F 2
S 3	11 58 35	1° 9'42	12♉14	20°53	15°19	7°20	13° 9	28°17	28°37	28° 8	10°33	27°49	27°58	10°19	n.a.	S 3
S 4	12 2 32	2° 7'26	24°56	22°55	16°20	8° 4	13° 2	28°25	28°35	28° 9	10°32	27°48	27°55	10°25	n.a.	S 4
M 5	12 6 28	3° 5'08	7♒22	24°58	17°21	8°49	12°55	28°32	28°33	28° 9	10°30	27°45	27°52	10°32	n.a.	M 5
T 6	12 10 25	4° 2'49	19°37	27° 2	18°22	9°34	12°48	28°40	28°30	28°10	10°29	27°38	27°48	10°39	n.a.	T 6
W 7	12 14 21	5° 0'28	1♓43	29° 9	19°24	10°18	12°42	28°47	28°28	28°10	10°28	27°29	27°45	10°45	n.a.	W 7
T 8	12 18 18	5°58'07	13°42	1♈16	20°26	11° 2	12°35	28°55	28°26	28°11	10°27	27°17	27°42	10°52	n.a.	T 8
F 9	12 22 15	6°55'44	25°38	3°25	21°28	11°47	12°29	29° 2	28°24	28°11	10°26	27° 4	27°39	10°59	n.a.	F 9
S 10	12 26 11	7°53'19	7♈30	5°34	22°31	12°31	12°22	29°10	28°22	28°12	10°24	26°50	27°36	11° 6	n.a.	S 10
S 11	12 30 8	8°50'54	19°22	7°45	23°34	13°15	12°16	29°17	28°19	28°13	10°23	26°37	27°32	11°12	n.a.	S 11
M12	12 34 4	9°48'26	1♉14	9°55	24°37	14° 0	12°10	29°25	28°17	28°13	10°22	26°26	27°29	11°19	n.a.	M12
T 13	12 38 1	10°45'58	13° 7	12° 7	25°40	14°44	12° 4	29°33	28°15	28°14	10°21	26°16	27°26	11°26	n.a.	T 13
W14	12 41 57	11°43'28	25° 6	14°18	26°43	15°28	11°58	29°40	28°12	28°15	10°19	26°10	27°23	11°33	n.a.	W14
T 15	12 45 54	12°40'57	7♊11	16°29	27°47	16°12	11°52	29°48	28°10	28°16	10°18	26° 6	27°20	11°39	n.a.	T 15
F 16	12 49 50	13°38'24	19°28	18°39	28°51	16°56	11°47	29°56	28° 8	28°16	10°17	26° 5	27°17	11°46	n.a.	F 16
S 17	12 53 47	14°35'50	2♋ 0	20°49	29°55	17°40	11°41	0♉ 3	28° 5	28°17	10°15	26°D 5	27°13	11°53	n.a.	S 17
S 18	12 57 44	15°33'15	14°51	22°57	0♓59	18°24	11°36	0°11	28° 3	28°18	10°14	26°R 5	27°10	11°59	n.a.	S 18
M19	13 1 40	16°30'38	28° 6	25° 5	2° 4	19° 8	11°31	0°19	28° 1	28°19	10°12	26° 4	27° 7	12° 6	n.a.	M19
T 20	13 5 37	17°28'00	11♌49	27°10	3° 8	19°51	11°26	0°27	27°58	28°20	10°11	26° 2	27° 4	12°13	n.a.	T 20
W21	13 9 33	18°25'20	26° 0	29°14	4°13	20°35	11°21	0°35	27°56	28°21	10°10	25°58	27° 1	12°20	n.a.	W21
T 22	13 13 30	19°22'39	10♍38	1♉16	5°18	21°19	11°16	0°42	27°53	28°22	10° 8	25°51	26°57	12°26	n.a.	T 22
F 23	13 17 26	20°19'57	25°39	3°16	6°23	22° 2	11°11	0°50	27°51	28°23	10° 7	25°42	26°54	12°33	n.a.	F 23
S 24	13 21 23	21°17'13	10♎54	5°14	7°29	22°46	11° 7	0°58	27°48	28°24	10° 5	25°33	26°51	12°40	n.a.	S 24
S 25	13 25 19	22°14'29	26°13	7° 9	8°34	23°29	11° 3	1° 6	27°46	28°25	10° 4	25°24	26°48	12°46	n.a.	S 25
M26	13 29 16	23°11'43	11♏24	9° 2	9°40	24°13	10°58	1°14	27°43	28°26	10° 2	25°17	26°45	12°53	n.a.	M26
T 27	13 33 13	24° 8'57	26°17	10°53	10°46	24°56	10°55	1°22	27°41	28°27	10° 1	25°12	26°42	13° 0	n.a.	T 27
W28	13 37 9	25° 6'11	10♐46	12°41	11°52	25°39	10°51	1°30	27°39	28°29	9°59	25° 9	26°38	13° 7	n.a.	W28
T 29	13 41 6	26° 3'24	24°47	14°26	12°58	26°23	10°47	1°38	27°36	28°30	9°58	25°D 8	26°35	13°13	n.a.	T 29
F 30	13 45 2	27♈ 0'36	8♉19	16♉ 9	14♓ 4	27♓ 6	10♍44	1♉45	27♎34	28♊31	9♏56	25♐ 8	26♐32	13♈20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s19	24s 7	1s 3	6s48	1s42	17s 1	0n 6	10s30	1s 4	8n17	1n48	9n10	1s55	10s47	0n25	23n35	0s14	7s 9	8n31	23s49	23s49	8n40		n.a.
F 2	0n 5	23 43	0n 7	5 55	1 35	16 48	0 0	10 13	1 3	8 20	1 47	9 13	1 55	10 47	0 25	23 35	0 14	7 9	8 31	23 49	23 49	8 43		n.a.
S 3	0 28	22 1	1 15	5 0	1 27	16 36	0s 5	9 56	1 3	8 23	1 47	9 16	1 55	10 46	0 25	23 35	0 14	7 8	8 31	23 49	23 49	8 45		n.a.
S 4	0 51	19 14	2 18	4 4	1 19	16 22	0 10	9 39	1 3	8 25	1 47	9 18	1 55	10 45	0 25	23 35	0 14	7 8	8 32	23 49	23 49	8 48		n.a.
M 5	1 15	15 38	3 13	3 6	1 10	16 8	0 15	9 22	1 3	8 28	1 47	9 21	1 54	10 44	0 25	23 35	0 14	7 7	8 32	23 49	23 49	8 50		n.a.
T 6	1 38	11 26	3 57	2 7	1 1	15 54	0 20	9 4	1 2	8 30	1 47	9 24	1 54	10 44	0 25	23 35	0 14	7 7	8 32	23 49	23 49	8 53		n.a.
W 7	2 1	6 50	4 31	1 8	0 51	15 39	0 25	8 47	1 2	8 33	1 47	9 27	1 54	10 43	0 25	23 35	0 14	7 6	8 32	23 49	23 49	8 55		n.a.
T 8	2 25	2 2	4 52	0 7	0 42	15 23	0 30	8 30	1 2	8 35	1 47	9 30	1 54	10 42	0 25	23 35	0 14	7 6	8 32	23 49	23 49	8 58		n.a.
F 9	2 48	2n48	5 0	0n54	0 32	15 8	0 35	8 12	1 2	8 37	1 46	9 32	1 54	10 41	0 25	23 35	0 14	7 6	8 32	23 48	23 49	9 0		n.a.
S 10	3 11	7 31	4 55	1 55	0 21	14 51	0 39	7 55	1 1	8 40	1 46	9 35	1 54	10 40	0 25	23 35	0 14	7 5	8 32	23 48	23 49	9 3		n.a.
S 11	3 34	11 57	4 37	2 57	0 11	14 34	0 44	7 37	1 1	8 42	1 46	9 38	1 54	10 40	0 25	23 35	0 14	7 5	8 32	23 48	23 49	9 5		n.a.
M12	3 57	15 57	4 7	3 59	0 0	14 17	0 48	7 20	1 1	8 44	1 46	9 41	1 54	10 39	0 25	23 35	0 14	7 4	8 32	23 47	23 49	9 8		n.a.
T 13	4 20	19 19	3 27	5 1	0n10	13 59	0 52	7 2	1 0	8 46	1 46	9 44	1 53	10 38	0 25	23 35	0 14	7 4	8 32	23 47	23 49	9 10		n.a.
W14	4 43	21 53	2 36	6 3	0 21	13 41	0 56	6 45	1 0	8 48	1 46	9 47	1 53	10 37	0 25	23 36	0 14	7 3	8 32	23 47	23 49	9 13		n.a.
T 15	5 5	23 29	1 38	7 4	0 31	13 23	1 0	6 27	1 0	8 51	1 45	9 49	1 53	10 36	0 25	23 36	0 14	7 3	8 32	23 47	23 49	9 15		n.a.
F 16	5 28	24 0	0 35	8 4	0 42	13 4	1 4	6 9	0 59	8 53	1 45	9 52	1 53	10 35	0 25	23 36	0 14	7 3	8 32	23 47	23 49	9 18		n.a.
S 17	5 51	23 18	0s31	9 3	0 51	12 44	1 8	5 51	0 59	8 54	1 45	9 55	1 53	10 35	0 25	23 36	0 14	7 2	8 32	23 47	23 49	9 20		n.a.
S 18	6 13	21 22	1 38	10 1	1 1	12 25	1 11	5 34	0 59	8 56	1 45	9 58	1 53	10 34	0 25	23 36	0 14	7 2	8 32	23 47	23 48	9 23		n.a.
M19	6 36	18 15	2 42	10 57	1 10	12 4	1 15	5 16	0 58	8 58	1 44	10 1	1 53	10 33	0 25	23 36	0 14	7 1	8 32	23 47	23 48	9 25		n.a.
T 20	6 58	14 3	3 38	11 52	1 19	11 44	1 18	4 58	0 58	9 0	1 44	10 4	1 53	10 32	0 25	23 36	0 14	7 1	8 32	23 47	23 48	9 28		n.a.
W21	7 20	8 56	4 23	12 45	1 27	11 23	1 21	4 40	0 58	9 2	1 44	10 7	1 53	10 31	0 25	23 36	0 14	7 0	8 32	23 47	23 48	9 30		n.a.
T 22	7 42	3 12	4 53	13 36	1 35	11 2	1 24	4 23	0 57	9 3	1 44	10 9	1 52	10 30	0 25	23 36	0 14	7 0	8 32	23 46	23 48	9 33		n.a.
F 23	8 4	2s52	5 3	14 25	1 42	10 40	1 27	4 5	0 57	9 5	1 44	10 12	1 52	10 29	0 25	23 36	0 14	6 59	8 32	23 46	23 48	9 35		n.a.
S 24	8 26	8 51	4 52	15 11	1 49	10 18	1 30	3 47	0 57	9 6	1 43	10 15	1 52	10 28	0 25	23 36	0 14	6 59	8 32	23 46	23 48	9 38		n.a.
S 25	8 48	14 19	4 21	15 56	1 55	9 56	1 33	3 29	0 56	9 8	1 43	10 18	1 52	10 28	0 25	23 36	0 14	6 58	8 32	23 45	23 48	9 40		n.a.
M26	9 10	18 50	3 31	16 38	2 0	9 33	1 36	3 11	0 56	9 9	1 43	10 21	1 52	10 27	0 25	23 36	0 14	6 58	8 32	23 45	23 48	9 42		n.a.
T 27	9 31	22 2	2 28	17 18	2 5	9 10	1 38	2 54	0 56	9 10	1 43	10 24	1 52	10 26	0 25	23 36	0 14	6 58	8 32	23 45	23 48	9 45		n.a.
W28	9 52	23 41	1 16	17 56	2 8	8 46	1 41	2 36	0 55	9 12	1 42	10 26	1 52	10 25	0 25	23 36	0 14	6 57	8 32	23 45	23 48	9 47		n.a.
T 29	10 14	23 46	0 2	18 31	2 11	8 23	1 43	2 18	0 55	9 13	1 42	10 29	1 52	10 24	0 25	23 36	0 14	6 57	8 32	23 45	23 48	9 50		n.a.
F 30	10n35	22s25	1n10	19n 5	2n14	7s59	1s45	2s 0	0s54	9n14	1n42	10n32	1s52	10s23	0n25	23n36	0s14	6s56	8n32	23s45	23s48	9n52		n.a.

Julian Day Number = 1279560.5, Delta T = 08h09m27s
Ecliptic obliquity = 23°50'19, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'22, Lahiri = -20°39'22 Julian Calendar 1 Apr. 1210 BCE == Greg. Calendar 21 March 1210 BCE

The year -1209 astronomical counting style corresponds to year 1210 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1210 BCE
geocentric

MAY 1210 BCE (-1209) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 48 59	27♈57'48	21♉25	17♉49	15♓11	27♓49	10°R40	1♉53	27°R31	28♊32	9°R55	25♐ 9	26♐29	13♈27	n.a.	S 1
S 2	13 52 55	28°54'59	4♒ 8	19°27	16°17	28°32	10♍37	2° 1	27♎29	28°34	9♏53	25°R 9	26°26	13°33	n.a.	S 2
M 3	13 56 52	29°52'10	16°34	21° 1	17°24	29°15	10°34	2° 9	27°26	28°35	9°52	25° 8	26°23	13°40	n.a.	M 3
T 4	14 0 48	0♉49'20	28°45	22°33	18°31	29°58	10°31	2°17	27°24	28°36	9°50	25° 4	26°19	13°47	n.a.	T 4
W 5	14 4 45	1°46'30	10♓46	24° 3	19°38	0♈41	10°29	2°25	27°21	28°38	9°48	24°58	26°16	13°54	n.a.	W 5
T 6	14 8 42	2°43'40	22°41	25°29	20°45	1°24	10°26	2°33	27°19	28°39	9°47	24°51	26°13	14° 0	n.a.	T 6
F 7	14 12 38	3°40'49	4♈33	26°53	21°52	2° 6	10°24	2°41	27°16	28°40	9°45	24°42	26°10	14° 7	n.a.	F 7
S 8	14 16 35	4°37'58	16°24	28°14	23° 0	2°49	10°22	2°49	27°14	28°42	9°44	24°32	26° 7	14°14	n.a.	S 8
S 9	14 20 31	5°35'07	28°17	29°32	24° 7	3°32	10°20	2°57	27°11	28°43	9°42	24°23	26° 3	14°20	n.a.	S 9
M10	14 24 28	6°32'15	10♉12	0♊48	25°15	4°14	10°18	3° 5	27° 9	28°45	9°41	24°15	26° 0	14°27	n.a.	M10
T 11	14 28 24	7°29'22	22°13	2° 0	26°23	4°57	10°17	3°13	27° 7	28°46	9°39	24° 9	25°57	14°34	n.a.	T 11
W12	14 32 21	8°26'30	4♊19	3° 9	27°30	5°39	10°15	3°20	27° 4	28°48	9°37	24° 5	25°54	14°41	n.a.	W12
T 13	14 36 17	9°23'36	16°34	4°15	28°38	6°22	10°14	3°28	27° 2	28°49	9°36	24° 3	25°51	14°47	n.a.	T 13
F 14	14 40 14	10°20'43	28°59	5°18	29°46	7° 4	10°13	3°36	26°59	28°51	9°34	24°D 3	25°48	14°54	n.a.	F 14
S 15	14 44 11	11°17'49	11♋38	6°18	0♈54	7°46	10°12	3°44	26°57	28°53	9°33	24° 4	25°44	15° 1	n.a.	S 15
S 16	14 48 7	12°14'54	24°34	7°14	2° 3	8°29	10°11	3°52	26°55	28°54	9°31	24° 5	25°41	15° 8	n.a.	S 16
M17	14 52 4	13°11'59	7♌50	8° 7	3°11	9°11	10°11	4° 0	26°52	28°56	9°30	24°R 6	25°38	15°14	n.a.	M17
T 18	14 56 0	14° 9'03	21°28	8°57	4°19	9°53	10°11	4° 8	26°50	28°58	9°28	24° 6	25°35	15°21	n.a.	T 18
W19	14 59 57	15° 6'07	5♍30	9°43	5°28	10°35	10°D11	4°16	26°48	28°59	9°26	24° 4	25°32	15°28	n.a.	W19
T 20	15 3 53	16° 3'10	19°55	10°25	6°37	11°17	10°11	4°23	26°45	29° 1	9°25	24° 1	25°29	15°34	n.a.	T 20
F 21	15 7 50	17° 0'13	4♎40	11° 3	7°45	11°59	10°11	4°31	26°43	29° 3	9°23	23°57	25°25	15°41	n.a.	F 21
S 22	15 11 47	17°57'16	19°38	11°37	8°54	12°41	10°11	4°39	26°41	29° 5	9°22	23°52	25°22	15°48	n.a.	S 22
S 23	15 15 43	18°54'19	4♏43	12° 7	10° 3	13°22	10°12	4°47	26°39	29° 6	9°20	23°47	25°19	15°55	n.a.	S 23
M24	15 19 40	19°51'21	19°45	12°33	11°12	14° 4	10°13	4°55	26°36	29° 8	9°19	23°43	25°16	16° 1	n.a.	M24
T 25	15 23 36	20°48'24	4♐33	12°54	12°21	14°46	10°14	5° 2	26°34	29°10	9°17	23°40	25°13	16° 8	n.a.	T 25
W26	15 27 33	21°45'27	19° 2	13°11	13°30	15°27	10°15	5°10	26°32	29°12	9°16	23°D39	25° 9	16°15	n.a.	W26
T 27	15 31 29	22°42'30	3♑ 6	13°24	14°40	16° 9	10°16	5°18	26°30	29°14	9°14	23°39	25° 6	16°21	n.a.	T 27
F 28	15 35 26	23°39'34	16°44	13°32	15°49	16°50	10°18	5°25	26°28	29°16	9°12	23°40	25° 3	16°28	n.a.	F 28
S 29	15 39 22	24°36'38	29°56	13°R35	16°58	17°32	10°19	5°33	26°26	29°17	9°11	23°42	25° 0	16°35	n.a.	S 29
S 30	15 43 19	25°33'42	12♒44	13°34	18° 8	18°13	10°21	5°41	26°24	29°19	9° 9	23°43	24°57	16°42	n.a.	S 30
M31	15 47 16	26♉30'47	25♒12	13♊27	19♈18	18♈54	10♍23	5♉48	26♎22	29♊21	9♏ 8	23°R44	24♐54	16♈48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n55	19s52	2n16	19n35	2n15	7s35	1s47	1s42	0s54	9n15	1n41	10n35	1s52	10s22	0n25	23n36	0s14	6s56	8n32	23s45	23s47	9n55		n.a.
S 2	11 16	16 25	3 13	20 4	2 16	7 10	1 49	1 25	0 54	9 16	1 41	10 38	1 52	10 21	0 25	23 36	0 14	6 55	8 32	23 45	23 47	9 57		n.a.
M 3	11 37	12 20	4 0	20 30	2 17	6 46	1 51	1 7	0 53	9 17	1 41	10 41	1 52	10 20	0 25	23 36	0 14	6 55	8 32	23 45	23 47	10 0		n.a.
T 4	11 57	7 49	4 35	20 54	2 16	6 21	1 53	0 49	0 53	9 18	1 41	10 43	1 52	10 20	0 25	23 36	0 14	6 55	8 32	23 45	23 47	10 2		n.a.
W 5	12 17	3 5	4 57	21 16	2 15	5 55	1 55	0 31	0 52	9 18	1 40	10 46	1 51	10 19	0 25	23 36	0 14	6 54	8 32	23 44	23 47	10 4		n.a.
T 6	12 37	1n43	5 6	21 36	2 13	5 30	1 56	0 14	0 52	9 19	1 40	10 49	1 51	10 18	0 25	23 36	0 14	6 54	8 32	23 44	23 47	10 7		n.a.
F 7	12 57	6 26	5 1	21 53	2 10	5 4	1 58	0n 4	0 51	9 20	1 40	10 52	1 51	10 17	0 25	23 36	0 14	6 53	8 32	23 44	23 47	10 9		n.a.
S 8	13 17	10 55	4 44	22 9	2 7	4 39	1 59	0 22	0 51	9 20	1 39	10 55	1 51	10 16	0 25	23 36	0 14	6 53	8 32	23 43	23 47	10 12		n.a.
S 9	13 36	14 59	4 15	22 23	2 2	4 12	2 0	0 39	0 51	9 21	1 39	10 57	1 51	10 15	0 25	23 36	0 14	6 52	8 32	23 43	23 47	10 14		n.a.
M10	13 55	18 30	3 34	22 34	1 57	3 46	2 1	0 57	0 50	9 21	1 39	11 0	1 51	10 14	0 25	23 36	0 14	6 52	8 32	23 43	23 47	10 16		n.a.
T 11	14 14	21 15	2 43	22 44	1 52	3 20	2 2	1 14	0 50	9 21	1 39	11 3	1 51	10 13	0 25	23 36	0 14	6 52	8 31	23 42	23 47	10 19		n.a.
W12	14 33	23 4	1 45	22 52	1 46	2 53	2 3	1 32	0 49	9 22	1 38	11 6	1 51	10 12	0 25	23 36	0 14	6 51	8 31	23 42	23 46	10 21		n.a.
T 13	14 52	23 49	0 40	22 58	1 39	2 27	2 4	1 49	0 49	9 22	1 38	11 9	1 51	10 12	0 25	23 36	0 14	6 51	8 31	23 42	23 46	10 24		n.a.
F 14	15 10	23 23	0s27	23 2	1 31	2 0	2 5	2 7	0 48	9 22	1 38	11 11	1 51	10 11	0 25	23 36	0 14	6 50	8 31	23 42	23 46	10 26		n.a.
S 15	15 28	21 45	1 34	23 5	1 23	1 33	2 6	2 24	0 48	9 22	1 37	11 14	1 51	10 10	0 25	23 37	0 13	6 50	8 31	23 42	23 46	10 28		n.a.
S 16	15 46	18 59	2 38	23 6	1 14	1 6	2 6	2 42	0 47	9 22	1 37	11 17	1 51	10 9	0 25	23 37	0 13	6 50	8 31	23 42	23 46	10 31		n.a.
M17	16 4	15 9	3 35	23 5	1 4	0 39	2 6	2 59	0 47	9 22	1 37	11 19	1 51	10 8	0 25	23 37	0 13	6 49	8 31	23 42	23 46	10 33		n.a.
T 18	16 21	10 27	4 22	23 3	0 54	0 11	2 7	3 16	0 46	9 22	1 37	11 22	1 51	10 7	0 25	23 37	0 13	6 49	8 31	23 42	23 46	10 36		n.a.
W19	16 38	5 5	4 55	22 59	0 43	0n16	2 7	3 33	0 46	9 21	1 36	11 25	1 51	10 7	0 25	23 37	0 13	6 49	8 31	23 42	23 46	10 38		n.a.
T 20	16 55	0s41	5 10	22 54	0 31	0 44	2 7	3 50	0 45	9 21	1 36	11 28	1 51	10 6	0 25	23 37	0 13	6 48	8 30	23 42	23 46	10 40		n.a.
F 21	17 12	6 32	5 5	22 47	0 19	1 11	2 7	4 8	0 45	9 21	1 36	11 30	1 51	10 5	0 25	23 37	0 13	6 48	8 30	23 42	23 45	10 43		n.a.
S 22	17 28	12 7	4 40	22 40	0 7	1 39	2 7	4 25	0 44	9 20	1 35	11 33	1 51	10 4	0 25	23 37	0 13	6 47	8 30	23 42	23 45	10 45		n.a.
S 23	17 44	16 59	3 55	22 31	0s 7	2 6	2 7	4 42	0 44	9 20	1 35	11 36	1 51	10 3	0 25	23 37	0 13	6 47	8 30	23 41	23 45	10 47		n.a.
M24	18 0	20 45	2 54	22 21	0 20	2 34	2 7	4 58	0 43	9 19	1 35	11 38	1 51	10 2	0 25	23 37	0 13	6 47	8 30	23 41	23 45	10 50		n.a.
T 25	18 15	23 5	1 42	22 9	0 34	3 2	2 6	5 15	0 43	9 19	1 34	11 41	1 51	10 2	0 25	23 37	0 13	6 46	8 30	23 41	23 45	10 52		n.a.
W26	18 30	23 48	0 25	21 57	0 49	3 29	2 6	5 32	0 42	9 18	1 34	11 43	1 51	10 1	0 25	23 37	0 13	6 46	8 30	23 41	23 45	10 55		n.a.
T 27	18 45	22 57	0n52	21 44	1 4	3 57	2 5	5 49	0 42	9 17	1 34	11 46	1 51	10 0	0 25	23 37	0 13	6 46	8 29	23 41	23 45	10 57		n.a.
F 28	19 0	20 44	2 3	21 30	1 19	4 25	2 5	6 5	0 41	9 16	1 33	11 49	1 51	9 59	0 25	23 37	0 13	6 45	8 29	23 41	23 45	10 59		n.a.
S 29	19 14	17 29	3 6	21 15	1 34	4 52	2 4	6 22	0 41	9 15	1 33	11 51	1 51	9 59	0 25	23 37	0 13	6 45	8 29	23 41	23 45	11 2		n.a.
S 30	19 28	13 29	3 57	20 59	1 50	5 20	2 3	6 39	0 40	9 14	1 33	11 54	1 51	9 58	0 25	23 37	0 13	6 45	8 29	23 41	23 44	11 4		n.a.
M31	19n42	9s 1	4n36	20n43	2s 5	5n47	2s 2	6n55	0s40	9n13	1n33	11n56	1s51	9s57	0n25	23n37	0s13	6s45	8n29	23s41	23s44	11n 6		n.a.

Julian Day Number = 1279590.5, Delta T = 08h09m25s
Ecliptic obliquity = 23°50'18, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'18, Lahiri = -20°39'18 Julian Calendar 1 May 1210 BCE == Greg. Calendar 20 Apr. 1210 BCE

The year -1209 astronomical counting style corresponds to year 1210 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1210 BCE
geocentric

JUNE 1210 BCE (-1209) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 51 12	27♉27'53	7♓24	13°R17	20♈27	19♈36	10♍25	5♉56	26°R20	29♊23	9°R 6	23°R43	24♐50	16♈55	n.a.	T 1
W 2	15 55 9	28°24'59	19°25	13♊ 1	21°37	20°17	10°28	6° 4	26♎18	29°25	9♏ 5	23♐42	24°47	17° 2	n.a.	W 2
T 3	15 59 5	29°22'05	1♈20	12°42	22°47	20°58	10°30	6°11	26°16	29°27	9° 4	23°39	24°44	17° 8	n.a.	T 3
F 4	16 3 2	0♊19'13	13°11	12°18	23°57	21°39	10°33	6°19	26°14	29°29	9° 2	23°36	24°41	17°15	n.a.	F 4
S 5	16 6 58	1°16'21	25° 3	11°50	25° 7	22°20	10°36	6°26	26°12	29°31	9° 1	23°32	24°38	17°22	n.a.	S 5
S 6	16 10 55	2°13'29	6♉59	11°19	26°17	23° 1	10°39	6°33	26°10	29°33	8°59	23°29	24°35	17°29	n.a.	S 6
M 7	16 14 52	3°10'38	19° 1	10°45	27°27	23°42	10°42	6°41	26° 8	29°35	8°58	23°26	24°31	17°35	n.a.	M 7
T 8	16 18 48	4° 7'48	1♊10	10° 8	28°37	24°22	10°45	6°48	26° 6	29°37	8°56	23°23	24°28	17°42	n.a.	T 8
W 9	16 22 45	5° 4'59	13°30	9°30	29°48	25° 3	10°49	6°56	26° 5	29°39	8°55	23°22	24°25	17°49	n.a.	W 9
T 10	16 26 41	6° 2'10	26° 0	8°50	0♉58	25°44	10°53	7° 3	26° 3	29°41	8°54	23°D22	24°22	17°55	n.a.	T 10
F 11	16 30 38	6°59'21	8♋42	8° 9	2° 9	26°24	10°57	7°10	26° 1	29°43	8°52	23°22	24°19	18° 2	n.a.	F 11
S 12	16 34 34	7°56'33	21°37	7°28	3°19	27° 5	11° 1	7°17	26° 0	29°45	8°51	23°23	24°15	18° 9	n.a.	S 12
S 13	16 38 31	8°53'46	4♌46	6°48	4°30	27°45	11° 5	7°25	25°58	29°48	8°50	23°25	24°12	18°16	n.a.	S 13
M14	16 42 27	9°50'59	18°12	6°10	5°41	28°26	11° 9	7°32	25°57	29°50	8°48	23°26	24° 9	18°22	n.a.	M14
T 15	16 46 24	10°48'13	1♍53	5°33	6°51	29° 6	11°14	7°39	25°55	29°52	8°47	23°26	24° 6	18°29	n.a.	T 15
W16	16 50 21	11°45'26	15°51	5° 0	8° 2	29°46	11°18	7°46	25°54	29°54	8°46	23°R26	24° 3	18°36	n.a.	W16
T 17	16 54 17	12°42'41	0♎ 4	4°30	9°13	0♉26	11°23	7°53	25°52	29°56	8°45	23°26	24° 0	18°42	n.a.	T 17
F 18	16 58 14	13°39'56	14°31	4° 4	10°24	1° 6	11°28	8° 0	25°51	29°58	8°43	23°25	23°56	18°49	n.a.	F 18
S 19	17 2 10	14°37'12	29° 8	3°42	11°35	1°46	11°33	8° 7	25°49	0♋ 0	8°42	23°24	23°53	18°56	n.a.	S 19
S 20	17 6 7	15°34'28	13♏49	3°26	12°46	2°26	11°39	8°14	25°48	0° 2	8°41	23°23	23°50	19° 2	n.a.	S 20
M21	17 10 3	16°31'45	28°27	3°15	13°57	3° 6	11°44	8°20	25°47	0° 5	8°40	23°23	23°47	19° 9	n.a.	M21
T 22	17 14 0	17°29'04	12♐58	3°D10	15° 8	3°46	11°50	8°27	25°46	0° 7	8°39	23°22	23°44	19°16	n.a.	T 22
W23	17 17 57	18°26'23	27°14	3°10	16°20	4°26	11°56	8°34	25°44	0° 9	8°38	23°D22	23°40	19°23	n.a.	W23
T 24	17 21 53	19°23'43	11♑11	3°17	17°31	5° 5	12° 2	8°41	25°43	0°11	8°36	23°22	23°37	19°29	n.a.	T 24
F 25	17 25 50	20°21'05	24°47	3°31	18°42	5°45	12° 8	8°47	25°42	0°13	8°35	23°23	23°34	19°36	n.a.	F 25
S 26	17 29 46	21°18'27	7♒59	3°50	19°54	6°25	12°14	8°54	25°41	0°16	8°34	23°23	23°31	19°43	n.a.	S 26
S 27	17 33 43	22°15'51	20°50	4°16	21° 5	7° 4	12°20	9° 0	25°40	0°18	8°33	23°23	23°28	19°49	n.a.	S 27
M28	17 37 39	23°13'17	3♓21	4°49	22°17	7°44	12°27	9° 7	25°39	0°20	8°32	23°R23	23°25	19°56	n.a.	M28
T 29	17 41 36	24°10'44	15°36	5°28	23°29	8°23	12°33	9°13	25°38	0°22	8°31	23°23	23°21	20° 3	n.a.	T 29
W30	17 45 32	25♊ 8'12	27♓38	6♊13	24♉40	9♉ 2	12♍40	9♉20	25♎37	0♋24	8♏30	23°D23	23♐18	20♈10	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n55	4s17	5n 1	20n27	2s21	6n15	2s 2	7n11	0s39	9n12	1n32	11n59	1s51	9s56	0n25	23n37	0s13	6s44	8n29	23s41	23s44	11n 9		n.a.
W 2	20 8	0n32	5 13	20 10	2 36	6 42	2 0	7 28	0 38	9 11	1 32	12 1	1 51	9 56	0 25	23 37	0 13	6 44	8 28	23 41	23 44	11 11		n.a.
T 3	20 21	5 17	5 11	19 52	2 51	7 10	1 59	7 44	0 38	9 10	1 32	12 4	1 51	9 55	0 25	23 37	0 13	6 44	8 28	23 41	23 44	11 13		n.a.
F 4	20 33	9 49	4 56	19 35	3 5	7 37	1 58	8 0	0 37	9 8	1 31	12 6	1 51	9 54	0 25	23 37	0 13	6 44	8 28	23 41	23 44	11 16		n.a.
S 5	20 45	14 0	4 28	19 18	3 19	8 4	1 57	8 16	0 37	9 7	1 31	12 9	1 51	9 54	0 25	23 37	0 13	6 43	8 28	23 41	23 44	11 18		n.a.
S 6	20 57	17 39	3 48	19 1	3 32	8 31	1 56	8 32	0 36	9 6	1 31	12 11	1 51	9 53	0 25	23 37	0 13	6 43	8 28	23 40	23 43	11 20		n.a.
M 7	21 8	20 37	2 58	18 44	3 44	8 58	1 54	8 48	0 36	9 4	1 30	12 14	1 51	9 52	0 25	23 37	0 13	6 43	8 27	23 40	23 43	11 22		n.a.
T 8	21 19	22 41	1 59	18 28	3 55	9 25	1 53	9 4	0 35	9 2	1 30	12 16	1 51	9 52	0 25	23 37	0 13	6 43	8 27	23 40	23 43	11 25		n.a.
W 9	21 30	23 42	0 54	18 12	4 5	9 51	1 51	9 19	0 34	9 1	1 30	12 18	1 51	9 51	0 25	23 37	0 13	6 42	8 27	23 40	23 43	11 27		n.a.
T 10	21 40	23 32	0s15	17 58	4 14	10 18	1 50	9 35	0 34	8 59	1 30	12 21	1 51	9 51	0 25	23 37	0 13	6 42	8 27	23 40	23 43	11 29		n.a.
F 11	21 50	22 9	1 24	17 45	4 21	10 44	1 48	9 50	0 33	8 57	1 29	12 23	1 51	9 50	0 25	23 37	0 13	6 42	8 26	23 40	23 43	11 32		n.a.
S 12	22 0	19 36	2 30	17 33	4 26	11 10	1 46	10 6	0 33	8 55	1 29	12 26	1 51	9 49	0 25	23 37	0 13	6 42	8 26	23 40	23 43	11 34		n.a.
S 13	22 9	16 0	3 29	17 22	4 30	11 36	1 45	10 21	0 32	8 54	1 29	12 28	1 51	9 49	0 25	23 37	0 13	6 42	8 26	23 40	23 43	11 36		n.a.
M14	22 18	11 32	4 19	17 14	4 32	12 1	1 43	10 36	0 31	8 52	1 28	12 30	1 51	9 48	0 25	23 37	0 13	6 41	8 26	23 40	23 42	11 39		n.a.
T 15	22 26	6 24	4 54	17 7	4 33	12 27	1 41	10 51	0 31	8 50	1 28	12 32	1 51	9 48	0 25	23 37	0 13	6 41	8 25	23 40	23 42	11 41		n.a.
W16	22 34	0 52	5 14	17 2	4 32	12 52	1 39	11 6	0 30	8 48	1 28	12 35	1 51	9 47	0 24	23 37	0 13	6 41	8 25	23 40	23 42	11 43		n.a.
T 17	22 42	4s49	5 14	16 59	4 29	13 17	1 37	11 21	0 30	8 45	1 28	12 37	1 51	9 47	0 24	23 37	0 13	6 41	8 25	23 40	23 42	11 45		n.a.
F 18	22 49	10 20	4 55	16 58	4 25	13 41	1 35	11 36	0 29	8 43	1 27	12 39	1 51	9 46	0 24	23 37	0 13	6 41	8 25	23 40	23 42	11 48		n.a.
S 19	22 56	15 20	4 17	17 0	4 19	14 6	1 33	11 51	0 28	8 41	1 27	12 41	1 51	9 46	0 24	23 37	0 13	6 41	8 24	23 40	23 42	11 50		n.a.
S 20	23 3	19 27	3 22	17 4	4 12	14 30	1 30	12 5	0 28	8 39	1 27	12 44	1 51	9 45	0 24	23 37	0 13	6 41	8 24	23 40	23 41	11 52		n.a.
M21	23 9	22 19	2 14	17 10	4 4	14 53	1 28	12 20	0 27	8 36	1 26	12 46	1 51	9 45	0 24	23 37	0 13	6 40	8 24	23 40	23 41	11 54		n.a.
T 22	23 14	23 41	0 57	17 18	3 54	15 17	1 26	12 34	0 26	8 34	1 26	12 48	1 52	9 44	0 24	23 37	0 13	6 40	8 24	23 40	23 41	11 57		n.a.
W23	23 20	23 27	0n21	17 29	3 44	15 40	1 24	12 48	0 26	8 31	1 26	12 50	1 52	9 44	0 24	23 37	0 13	6 40	8 23	23 40	23 41	11 59		n.a.
T 24	23 24	21 45	1 37	17 41	3 32	16 2	1 21	13 3	0 25	8 29	1 26	12 52	1 52	9 44	0 24	23 37	0 13	6 40	8 23	23 40	23 41	12 1		n.a.
F 25	23 29	18 49	2 46	17 56	3 20	16 25	1 19	13 17	0 24	8 26	1 25	12 54	1 52	9 43	0 24	23 37	0 13	6 40	8 23	23 40	23 41	12 3		n.a.
S 26	23 33	14 59	3 43	18 13	3 7	16 47	1 16	13 30	0 24	8 23	1 25	12 56	1 52	9 43	0 24	23 37	0 13	6 40	8 22	23 40	23 41	12 6		n.a.
S 27	23 36	10 34	4 27	18 31	2 53	17 8	1 14	13 44	0 23	8 21	1 25	12 58	1 52	9 43	0 24	23 37	0 13	6 40	8 22	23 40	23 40	12 8		n.a.
M28	23 40	5 49	4 58	18 51	2 39	17 30	1 11	13 58	0 22	8 18	1 24	13 0	1 52	9 42	0 24	23 37	0 13	6 40	8 22	23 40	23 40	12 10		n.a.
T 29	23 42	0 57	5 14	19 12	2 25	17 50	1 9	14 11	0 22	8 15	1 24	13 2	1 52	9 42	0 24	23 37	0 13	6 40	8 22	23 40	23 40	12 12		n.a.
W30	23n45	3n52	5n16	19n35	2s10	18n11	1s 6	14n25	0s21	8n12	1n24	13n 4	1s52	9s42	0n24	23n37	0s13	6s40	8n21	23s40	23s40	12n15		n.a.

Julian Day Number = 1279621.5, Delta T = 08h09m23s
Ecliptic obliquity = 23°50'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'14, Lahiri = -20°39'13 Julian Calendar 1 June 1210 BCE == Greg. Calendar 21 May 1210 BCE

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ASTRODIENST EPHEMERIS for the year 1210 BCE
geocentric

JULY 1210 BCE (-1209) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 49 29	26♊ 5'42	9♈33	7♊ 5	25♉52	9♉41	12♍47	9♉26	25°R37	0♋27	8°R29	23♐23	23♐15	20♈16	n.a.	T 1
F 2	17 53 26	27° 3'13	21°25	8° 3	27° 4	10°21	12°54	9°32	25♎36	0°29	8♏29	23°23	23°12	20°23	n.a.	F 2
S 3	17 57 22	28° 0'46	3♉19	9° 7	28°16	11° 0	13° 1	9°38	25°35	0°31	8°28	23°24	23° 9	20°30	n.a.	S 3
S 4	18 1 19	28°58'20	15°18	10°16	29°28	11°39	13° 8	9°45	25°35	0°33	8°27	23°24	23° 6	20°36	n.a.	S 4
M 5	18 5 15	29°55'57	27°26	11°32	0♊40	12°17	13°16	9°51	25°34	0°36	8°26	23°25	23° 2	20°43	n.a.	M 5
T 6	18 9 12	0♋53'34	9♊45	12°53	1°52	12°56	13°23	9°57	25°33	0°38	8°25	23°26	22°59	20°50	n.a.	T 6
W 7	18 13 8	1°51'14	22°18	14°19	3° 5	13°35	13°31	10° 3	25°33	0°40	8°24	23°R26	22°56	20°57	n.a.	W 7
T 8	18 17 5	2°48'54	5♋ 7	15°49	4°17	14°14	13°39	10° 8	25°32	0°42	8°24	23°26	22°53	21° 3	n.a.	T 8
F 9	18 21 1	3°46'37	18°10	17°25	5°29	14°52	13°47	10°14	25°32	0°44	8°23	23°25	22°50	21°10	n.a.	F 9
S 10	18 24 58	4°44'20	1♌29	19° 4	6°42	15°31	13°55	10°20	25°32	0°47	8°22	23°24	22°46	21°17	n.a.	S 10
S 11	18 28 55	5°42'05	15° 1	20°47	7°54	16° 9	14° 3	10°26	25°31	0°49	8°22	23°22	22°43	21°23	n.a.	S 11
M12	18 32 51	6°39'52	28°46	22°34	9° 6	16°48	14°11	10°31	25°31	0°51	8°21	23°21	22°40	21°30	n.a.	M12
T 13	18 36 48	7°37'39	12♍41	24°23	10°19	17°26	14°20	10°37	25°31	0°53	8°20	23°19	22°37	21°37	n.a.	T 13
W14	18 40 44	8°35'28	26°45	26°15	11°32	18° 4	14°28	10°42	25°31	0°56	8°20	23°18	22°34	21°44	n.a.	W14
T 15	18 44 41	9°33'19	10♎55	28°10	12°44	18°43	14°37	10°48	25°30	0°58	8°19	23°D18	22°31	21°50	n.a.	T 15
F 16	18 48 37	10°31'10	25°10	0♋ 5	13°57	19°21	14°46	10°53	25°30	1° 0	8°19	23°18	22°27	21°57	n.a.	F 16
S 17	18 52 34	11°29'03	9♏26	2° 3	15°10	19°59	14°55	10°58	25°D30	1° 2	8°18	23°19	22°24	22° 4	n.a.	S 17
S 18	18 56 30	12°26'58	23°41	4° 1	16°23	20°37	15° 4	11° 3	25°30	1° 4	8°18	23°21	22°21	22°10	n.a.	S 18
M19	19 0 27	13°24'54	7♐53	6° 0	17°35	21°14	15°13	11° 8	25°31	1° 7	8°17	23°22	22°18	22°17	n.a.	M19
T 20	19 4 24	14°22'51	21°57	7°59	18°48	21°52	15°22	11°13	25°31	1° 9	8°17	23°R22	22°15	22°24	n.a.	T 20
W21	19 8 20	15°20'51	5♑50	9°58	20° 1	22°30	15°31	11°18	25°31	1°11	8°16	23°22	22°12	22°30	n.a.	W21
T 22	19 12 17	16°18'52	19°30	11°57	21°14	23° 7	15°41	11°23	25°31	1°13	8°16	23°20	22° 8	22°37	n.a.	T 22
F 23	19 16 13	17°16'55	2♒54	13°56	22°28	23°45	15°50	11°28	25°31	1°15	8°16	23°18	22° 5	22°44	n.a.	F 23
S 24	19 20 10	18°14'59	15°59	15°54	23°41	24°22	16° 0	11°32	25°32	1°17	8°16	23°14	22° 2	22°51	n.a.	S 24
S 25	19 24 6	19°13'06	28°46	17°51	24°54	25° 0	16° 9	11°37	25°32	1°20	8°15	23°10	21°59	22°57	n.a.	S 25
M26	19 28 3	20°11'14	11♓16	19°48	26° 7	25°37	16°19	11°41	25°33	1°22	8°15	23° 6	21°56	23° 4	n.a.	M26
T 27	19 31 59	21° 9'25	23°31	21°43	27°21	26°14	16°29	11°46	25°33	1°24	8°15	23° 2	21°52	23°11	n.a.	T 27
W28	19 35 56	22° 7'38	5♈34	23°38	28°34	26°51	16°39	11°50	25°34	1°26	8°15	23° 0	21°49	23°17	n.a.	W28
T 29	19 39 53	23° 5'53	17°29	25°32	29°48	27°29	16°49	11°54	25°34	1°28	8°15	22°59	21°46	23°24	n.a.	T 29
F 30	19 43 49	24° 4'10	29°21	27°24	1♋ 1	28° 5	16°59	11°59	25°35	1°30	8°15	22°D59	21°43	23°31	n.a.	F 30
S 31	19 47 46	25♋ 2'29	11♉14	29♋16	2♋15	28♉42	17♍10	12♉ 3	25♎36	1♋32	8♏14	23♐ 0	21♐40	23♈37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n47	8n30	5n 5	19n58	1s55	18n31	1s 4	14n38	0s20	8n 9	1n24	13n 6	1s52	9s41	0n24	23n37	0s13	6s40	8n21	23s40	23s40	12n17			n.a.
F 2	23 48	12 48	4 40	20 22	1 40	18 50	1 1	14 51	0 20	8 6	1 23	13 8	1 52	9 41	0 24	23 37	0 13	6 40	8 21	23 40	23 40	12 19			n.a.
S 3	23 49	16 38	4 3	20 47	1 25	19 9	0 59	15 4	0 19	8 3	1 23	13 10	1 52	9 41	0 24	23 37	0 13	6 40	8 20	23 40	23 39	12 21			n.a.
S 4	23 50	19 49	3 16	21 13	1 10	19 28	0 56	15 17	0 18	8 0	1 23	13 12	1 52	9 41	0 24	23 37	0 13	6 40	8 20	23 40	23 39	12 24			n.a.
M 5	23 50	22 10	2 19	21 38	0 55	19 46	0 53	15 30	0 18	7 57	1 23	13 14	1 53	9 40	0 24	23 37	0 13	6 40	8 20	23 40	23 39	12 26			n.a.
T 6	23 50	23 31	1 15	22 3	0 41	20 3	0 50	15 43	0 17	7 54	1 22	13 16	1 53	9 40	0 24	23 37	0 13	6 40	8 19	23 40	23 39	12 28			n.a.
W 7	23 49	23 43	0 6	22 27	0 27	20 20	0 48	15 55	0 16	7 51	1 22	13 17	1 53	9 40	0 24	23 37	0 13	6 40	8 19	23 40	23 39	12 30			n.a.
T 8	23 48	22 40	1s 4	22 51	0 13	20 37	0 45	16 8	0 15	7 47	1 22	13 19	1 53	9 40	0 24	23 37	0 13	6 40	8 19	23 40	23 39	12 32			n.a.
F 9	23 47	20 23	2 13	23 14	0n 0	20 53	0 42	16 20	0 15	7 44	1 22	13 21	1 53	9 40	0 24	23 37	0 13	6 40	8 18	23 40	23 38	12 35			n.a.
S 10	23 45	16 59	3 15	23 35	0 13	21 8	0 39	16 32	0 14	7 41	1 21	13 23	1 53	9 40	0 24	23 37	0 13	6 40	8 18	23 40	23 38	12 37			n.a.
S 11	23 43	12 39	4 8	23 55	0 24	21 23	0 37	16 44	0 13	7 37	1 21	13 24	1 53	9 40	0 24	23 37	0 13	6 40	8 18	23 40	23 38	12 39			n.a.
M12	23 40	7 37	4 47	24 13	0 36	21 38	0 34	16 56	0 13	7 34	1 21	13 26	1 53	9 39	0 24	23 37	0 13	6 41	8 17	23 40	23 38	12 41			n.a.
T 13	23 37	2 8	5 10	24 29	0 46	21 51	0 31	17 8	0 12	7 30	1 21	13 28	1 53	9 39	0 24	23 37	0 13	6 41	8 17	23 40	23 38	12 43			n.a.
W14	23 33	3s30	5 15	24 43	0 56	22 4	0 28	17 19	0 11	7 27	1 20	13 29	1 53	9 39	0 24	23 37	0 13	6 41	8 17	23 40	23 38	12 46			n.a.
T 15	23 29	8 59	5 1	24 54	1 4	22 17	0 25	17 31	0 10	7 23	1 20	13 31	1 53	9 39	0 24	23 37	0 13	6 41	8 16	23 40	23 37	12 48			n.a.
F 16	23 25	14 3	4 28	25 3	1 12	22 29	0 23	17 42	0 10	7 19	1 20	13 32	1 54	9 39	0 24	23 37	0 13	6 41	8 16	23 40	23 37	12 50			n.a.
S 17	23 20	18 20	3 39	25 9	1 19	22 40	0 20	17 53	0 9	7 16	1 20	13 34	1 54	9 39	0 24	23 37	0 13	6 41	8 16	23 40	23 37	12 52			n.a.
S 18	23 15	21 32	2 36	25 12	1 26	22 51	0 17	18 4	0 8	7 12	1 20	13 36	1 54	9 39	0 24	23 37	0 13	6 41	8 15	23 40	23 37	12 54			n.a.
M19	23 9	23 22	1 24	25 13	1 31	23 1	0 14	18 15	0 7	7 8	1 19	13 37	1 54	9 40	0 24	23 37	0 13	6 42	8 15	23 40	23 37	12 56			n.a.
T 20	23 3	23 43	0 8	25 11	1 36	23 10	0 11	18 26	0 6	7 4	1 19	13 38	1 54	9 40	0 24	23 37	0 13	6 42	8 15	23 40	23 36	12 58			n.a.
W21	22 56	22 34	1n 8	25 7	1 40	23 19	0 9	18 37	0 6	7 1	1 19	13 40	1 54	9 40	0 23	23 37	0 13	6 42	8 14	23 40	23 36	13 1			n.a.
T 22	22 49	20 6	2 19	25 0	1 43	23 27	0 6	18 47	0 5	6 57	1 19	13 41	1 54	9 40	0 23	23 37	0 13	6 42	8 14	23 40	23 36	13 3			n.a.
F 23	22 42	16 35	3 20	24 50	1 45	23 34	0 3	18 57	0 4	6 53	1 19	13 43	1 54	9 40	0 23	23 37	0 13	6 43	8 14	23 40	23 36	13 5			n.a.
S 24	22 34	12 20	4 10	24 38	1 47	23 41	0 0	19 7	0 3	6 49	1 18	13 44	1 55	9 40	0 23	23 37	0 12	6 43	8 13	23 40	23 36	13 7			n.a.
S 25	22 26	7 38	4 45	24 24	1 48	23 47	0n 2	19 17	0 3	6 45	1 18	13 45	1 55	9 40	0 23	23 37	0 12	6 43	8 13	23 39	23 35	13 9			n.a.
M26	22 18	2 44	5 7	24 8	1 48	23 52	0 5	19 27	0 2	6 41	1 18	13 47	1 55	9 40	0 23	23 37	0 12	6 43	8 12	23 39	23 35	13 11			n.a.
T 27	22 9	2n10	5 13	23 49	1 48	23 56	0 8	19 37	0 1	6 37	1 18	13 48	1 55	9 41	0 23	23 37	0 12	6 44	8 12	23 39	23 35	13 13			n.a.
W28	21 59	6 55	5 6	23 29	1 47	24 0	0 10	19 47	0 0	6 32	1 17	13 49	1 55	9 41	0 23	23 37	0 12	6 44	8 12	23 39	23 35	13 16			n.a.
T 29	21 49	11 21	4 45	23 7	1 45	24 3	0 13	19 56	0n 1	6 28	1 17	13 50	1 55	9 41	0 23	23 37	0 12	6 44	8 11	23 39	23 35	13 18			n.a.
F 30	21 39	15 21	4 12	22 43	1 43	24 6	0 16	20 5	0 2	6 24	1 17	13 51	1 55	9 41	0 23	23 37	0 12	6 45	8 11	23 39	23 34	13 20			n.a.
S 31	21n29	18n45	3n29	22n17	1n41	24n 7	0n18	20n14	0n 2	6n20	1n17	13n52	1s55	9s42	0n23	23n37	0s12	6s45	8n11	23s39	23s34	13n22			n.a.

Julian Day Number = 1279651.5, Delta T = 08h09m22s
Ecliptic obliquity = 23°50'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'10, Lahiri = -20°39'09 Julian Calendar 1 July 1210 BCE == Greg. Calendar 20 June 1210 BCE

The year -1209 astronomical counting style corresponds to year 1210 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1210 BCE
geocentric

AUGUST 1210 BCE (-1209) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 51 42	26♋ 0'51	23♉14	1♌ 6	3♋28	29♉19	17♍20	12♉ 7	25♎36	1♋34	8°D14	23♐ 1	21♐37	23♈44	n.a.	S 1
M 2	19 55 39	26°59'15	5♊25	2°56	4°42	29°56	17°31	12°10	25°37	1°36	8♏14	23° 3	21°33	23°51	n.a.	M 2
T 3	19 59 35	27°57'41	17°51	4°44	5°56	0♊32	17°41	12°14	25°38	1°38	8°14	23°R 4	21°30	23°58	n.a.	T 3
W 4	20 3 32	28°56'10	0♋36	6°31	7° 9	1° 9	17°52	12°18	25°39	1°40	8°15	23° 4	21°27	24° 4	n.a.	W 4
T 5	20 7 28	29°54'40	13°40	8°17	8°23	1°45	18° 3	12°21	25°40	1°42	8°15	23° 2	21°24	24°11	n.a.	T 5
F 6	20 11 25	0♌53'13	27° 5	10° 1	9°37	2°22	18°13	12°25	25°41	1°44	8°15	22°59	21°21	24°18	n.a.	F 6
S 7	20 15 22	1°51'48	10♌49	11°45	10°51	2°58	18°24	12°28	25°42	1°46	8°15	22°53	21°18	24°24	n.a.	S 7
S 8	20 19 18	2°50'24	24°50	13°28	12° 5	3°34	18°35	12°32	25°43	1°48	8°15	22°47	21°14	24°31	n.a.	S 8
M 9	20 23 15	3°49'03	9♍ 2	15° 9	13°19	4°10	18°46	12°35	25°44	1°50	8°15	22°41	21°11	24°38	n.a.	M 9
T 10	20 27 11	4°47'44	23°20	16°50	14°33	4°46	18°57	12°38	25°46	1°52	8°16	22°35	21° 8	24°45	n.a.	T 10
W11	20 31 8	5°46'26	7♎41	18°29	15°47	5°22	19° 9	12°41	25°47	1°54	8°16	22°30	21° 5	24°51	n.a.	W11
T 12	20 35 4	6°45'10	21°59	20° 8	17° 1	5°58	19°20	12°44	25°48	1°56	8°16	22°27	21° 2	24°58	n.a.	T 12
F 13	20 39 1	7°43'56	6♏11	21°45	18°16	6°33	19°31	12°47	25°50	1°58	8°17	22°D26	20°58	25° 5	n.a.	F 13
S 14	20 42 57	8°42'44	20°16	23°21	19°30	7° 9	19°43	12°49	25°51	2° 0	8°17	22°27	20°55	25°11	n.a.	S 14
S 15	20 46 54	9°41'34	4♐13	24°57	20°44	7°44	19°54	12°52	25°52	2° 2	8°17	22°28	20°52	25°18	n.a.	S 15
M16	20 50 50	10°40'26	18° 0	26°31	21°58	8°20	20° 6	12°54	25°54	2° 4	8°18	22°R29	20°49	25°25	n.a.	M16
T 17	20 54 47	11°39'20	1♑38	28° 5	23°13	8°55	20°17	12°57	25°56	2° 5	8°18	22°29	20°46	25°31	n.a.	T 17
W18	20 58 44	12°38'15	15° 6	29°37	24°27	9°30	20°29	12°59	25°57	2° 7	8°19	22°26	20°43	25°38	n.a.	W18
T 19	21 2 40	13°37'13	28°23	1♒ 9	25°42	10° 5	20°41	13° 1	25°59	2° 9	8°20	22°22	20°39	25°45	n.a.	T 19
F 20	21 6 37	14°36'13	11♓27	2°39	26°56	10°40	20°53	13° 3	26° 1	2°11	8°20	22°15	20°36	25°52	n.a.	F 20
S 21	21 10 33	15°35'14	24°18	4° 9	28°11	11°15	21° 5	13° 5	26° 2	2°13	8°21	22° 6	20°33	25°58	n.a.	S 21
S 22	21 14 30	16°34'18	6♈56	5°38	29°25	11°50	21°17	13° 7	26° 4	2°14	8°21	21°56	20°30	26° 5	n.a.	S 22
M23	21 18 26	17°33'24	19°19	7° 5	0♌40	12°24	21°29	13° 9	26° 6	2°16	8°22	21°46	20°27	26°12	n.a.	M23
T 24	21 22 23	18°32'33	1♈31	8°32	1°55	12°59	21°41	13°10	26° 8	2°18	8°23	21°36	20°24	26°18	n.a.	T 24
W25	21 26 19	19°31'44	13°31	9°58	3° 9	13°33	21°53	13°12	26°10	2°19	8°24	21°29	20°20	26°25	n.a.	W25
T 26	21 30 16	20°30'57	25°25	11°23	4°24	14° 7	22° 5	13°13	26°12	2°21	8°24	21°23	20°17	26°32	n.a.	T 26
F 27	21 34 12	21°30'13	7♉15	12°47	5°39	14°42	22°17	13°15	26°14	2°23	8°25	21°20	20°14	26°38	n.a.	F 27
S 28	21 38 9	22°29'31	19° 6	14° 9	6°54	15°16	22°30	13°16	26°16	2°24	8°26	21°D18	20°11	26°45	n.a.	S 28
S 29	21 42 6	23°28'52	1♊ 4	15°31	8° 8	15°49	22°42	13°17	26°18	2°26	8°27	21°19	20° 8	26°52	n.a.	S 29
M30	21 46 2	24°28'15	13°14	16°51	9°23	16°23	22°54	13°18	26°20	2°27	8°28	21°19	20° 4	26°58	n.a.	M30
T 31	21 49 59	25♌27'41	25♊40	18♍11	10♌38	16♊57	23♍ 7	13♉19	26♎22	2♋29	8♏29	21°R19	20♐ 1	27♈ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21n18	21n24	2n36	21n50	1n38	24n 8	0n21	20n23	0n 3	6n15	1n17	13n54	1s56	9s42	0n23	23n37	0s12	6s45	8n10	23s39	23s34	13n24			n.a.
M 2	21 7	23 7	1 35	21 22	1 35	24 9	0 23	20 32	0 4	6 11	1 17	13 55	1 56	9 42	0 23	23 37	0 12	6 46	8 10	23 39	23 34	13 26			n.a.
T 3	20 55	23 45	0 28	20 52	1 31	24 8	0 26	20 41	0 5	6 7	1 16	13 56	1 56	9 43	0 23	23 37	0 12	6 46	8 10	23 39	23 34	13 28			n.a.
W 4	20 43	23 9	0s41	20 21	1 27	24 7	0 28	20 49	0 6	6 2	1 16	13 57	1 56	9 43	0 23	23 37	0 12	6 46	8 9	23 39	23 33	13 30			n.a.
T 5	20 30	21 18	1 50	19 50	1 23	24 5	0 31	20 58	0 7	5 58	1 16	13 58	1 56	9 43	0 23	23 37	0 12	6 47	8 9	23 39	23 33	13 32			n.a.
F 6	20 18	18 14	2 54	19 17	1 18	24 2	0 33	21 6	0 7	5 53	1 16	13 59	1 56	9 44	0 23	23 37	0 12	6 47	8 8	23 39	23 33	13 35			n.a.
S 7	20 4	14 7	3 50	18 43	1 13	23 59	0 36	21 14	0 8	5 49	1 16	14 0	1 56	9 44	0 23	23 37	0 12	6 47	8 8	23 39	23 33	13 37			n.a.
S 8	19 51	9 10	4 33	18 8	1 8	23 54	0 38	21 22	0 9	5 44	1 15	14 0	1 57	9 45	0 23	23 37	0 12	6 48	8 8	23 38	23 33	13 39			n.a.
M 9	19 37	3 41	5 0	17 33	1 2	23 50	0 40	21 30	0 10	5 40	1 15	14 1	1 57	9 45	0 23	23 37	0 12	6 48	8 7	23 38	23 32	13 41			n.a.
T 10	19 23	2s 2	5 9	16 57	0 56	23 44	0 42	21 37	0 11	5 35	1 15	14 2	1 57	9 46	0 23	23 37	0 12	6 49	8 7	23 38	23 32	13 43			n.a.
W11	19 8	7 39	4 58	16 20	0 50	23 38	0 45	21 45	0 12	5 31	1 15	14 3	1 57	9 46	0 23	23 37	0 12	6 49	8 7	23 37	23 32	13 45			n.a.
T 12	18 54	12 51	4 29	15 43	0 44	23 30	0 47	21 52	0 13	5 26	1 15	14 4	1 57	9 47	0 23	23 37	0 12	6 50	8 6	23 37	23 32	13 47			n.a.
F 13	18 38	17 19	3 44	15 5	0 38	23 23	0 49	21 59	0 14	5 21	1 15	14 4	1 57	9 47	0 23	23 37	0 12	6 50	8 6	23 37	23 31	13 49			n.a.
S 14	18 23	20 45	2 45	14 27	0 31	23 14	0 51	22 6	0 14	5 17	1 14	14 5	1 57	9 48	0 23	23 37	0 12	6 51	8 6	23 37	23 31	13 51			n.a.
S 15	18 7	22 56	1 37	13 48	0 24	23 5	0 53	22 13	0 15	5 12	1 14	14 6	1 58	9 48	0 23	23 37	0 12	6 51	8 5	23 37	23 31	13 53			n.a.
M16	17 51	23 41	0 24	13 9	0 18	22 55	0 55	22 20	0 16	5 7	1 14	14 6	1 58	9 49	0 23	23 37	0 12	6 52	8 5	23 37	23 31	13 55			n.a.
T 17	17 35	23 1	0n49	12 30	0 11	22 44	0 57	22 26	0 17	5 2	1 14	14 7	1 58	9 50	0 23	23 37	0 12	6 52	8 4	23 37	23 31	13 57			n.a.
W18	17 18	21 0	1 59	11 51	0 3	22 33	0 59	22 33	0 18	4 57	1 14	14 7	1 58	9 50	0 23	23 37	0 12	6 53	8 4	23 37	23 30	13 59			n.a.
T 19	17 1	17 53	3 1	11 11	0s 4	22 21	1 1	22 39	0 19	4 53	1 14	14 8	1 58	9 51	0 23	23 37	0 12	6 53	8 4	23 37	23 30	14 1			n.a.
F 20	16 43	13 55	3 52	10 32	0 11	22 8	1 2	22 45	0 20	4 48	1 14	14 8	1 58	9 51	0 23	23 37	0 12	6 54	8 3	23 36	23 30	14 3			n.a.
S 21	16 26	9 24	4 30	9 52	0 18	21 55	1 4	22 51	0 21	4 43	1 13	14 9	1 58	9 52	0 23	23 37	0 12	6 54	8 3	23 36	23 30	14 5			n.a.
S 22	16 8	4 34	4 55	9 12	0 26	21 41	1 6	22 57	0 22	4 38	1 13	14 9	1 59	9 53	0 23	23 37	0 12	6 55	8 3	23 35	23 29	14 7			n.a.
M23	15 50	0n22	5 5	8 32	0 33	21 26	1 7	23 2	0 23	4 33	1 13	14 10	1 59	9 54	0 23	23 37	0 12	6 55	8 2	23 35	23 29	14 9			n.a.
T 24	15 31	5 11	5 0	7 53	0 41	21 11	1 9	23 8	0 24	4 28	1 13	14 10	1 59	9 54	0 23	23 37	0 12	6 56	8 2	23 34	23 29	14 11			n.a.
W25	15 12	9 45	4 43	7 13	0 48	20 55	1 10	23 13	0 25	4 23	1 13	14 10	1 59	9 55	0 23	23 37	0 12	6 56	8 2	23 34	23 29	14 13			n.a.
T 26	14 53	13 54	4 13	6 33	0 56	20 38	1 12	23 18	0 26	4 18	1 13	14 11	1 59	9 56	0 22	23 37	0 12	6 57	8 1	23 33	23 29	14 15			n.a.
F 27	14 34	17 30	3 33	5 54	1 3	20 21	1 13	23 23	0 27	4 13	1 13	14 11	1 59	9 56	0 22	23 37	0 12	6 58	8 1	23 33	23 28	14 17			n.a.
S 28	14 15	20 24	2 43	5 15	1 11	20 3	1 14	23 28	0 28	4 8	1 12	14 11	2 0	9 57	0 22	23 37	0 12	6 58	8 1	23 33	23 28	14 19			n.a.
S 29	13 55	22 26	1 46	4 36	1 18	19 45	1 16	23 33	0 29	4 3	1 12	14 11	2 0	9 58	0 22	23 37	0 12	6 59	8 0	23 33	23 28	14 21			n.a.
M30	13 35	23 29	0 43	3 58	1 26	19 26	1 17	23 37	0 30	3 58	1 12	14 11	2 0	9 59	0 22	23 37	0 12	6 59	8 0	23 33	23 28	14 23			n.a.
T 31	13n15	23n23	0s23	3n20	1s33	19n 6	1n18	23n42	0n31	3n53	1n12	14n11	2s 0	10s 0	0n22	23n37	0s12	7s 0	7n59	23s33	23s27	14n25			n.a.

Julian Day Number = 1279682.5, Delta T = 08h09m20s
Ecliptic obliquity = 23°50'17, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'06, Lahiri = -20°39'05 Julian Calendar 1 Aug. 1210 BCE == Greg. Calendar 21 July 1210 BCE

The year -1209 astronomical counting style corresponds to year 1210 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1210 BCE
geocentric

SEPTEMBER 1210 BCE (-1209) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 53 55	26♌27'09	8♋28	19♍29	11♌53	17♊31	23♍19	13♉20	26♎25	2♋30	8♏30	21°R18	19♐58	27♈12	n.a.	W 1
T 2	21 57 52	27°26'40	21°41	20°45	13° 8	18° 4	23°32	13°20	26°27	2°32	8°31	21♐14	19°55	27°19	n.a.	T 2
F 3	22 1 48	28°26'13	5♌20	22° 1	14°23	18°37	23°44	13°21	26°29	2°33	8°32	21° 8	19°52	27°25	n.a.	F 3
S 4	22 5 45	29°25'48	19°24	23°14	15°38	19°10	23°57	13°21	26°32	2°34	8°33	20°59	19°49	27°32	n.a.	S 4
S 5	22 9 41	0♍25'25	3♍49	24°27	16°53	19°43	24°10	13°21	26°34	2°36	8°34	20°49	19°45	27°39	n.a.	S 5
M 6	22 13 38	1°25'05	18°28	25°37	18° 8	20°16	24°22	13°22	26°36	2°37	8°35	20°38	19°42	27°45	n.a.	M 6
T 7	22 17 35	2°24'46	3♎15	26°46	19°24	20°49	24°35	13°R22	26°39	2°39	8°36	20°28	19°39	27°52	n.a.	T 7
W 8	22 21 31	3°24'29	17°59	27°52	20°39	21°22	24°48	13°22	26°41	2°40	8°37	20°19	19°36	27°59	n.a.	W 8
T 9	22 25 28	4°24'15	2♏36	28°57	21°54	21°54	25° 1	13°21	26°44	2°41	8°38	20°13	19°33	28° 5	n.a.	T 9
F 10	22 29 24	5°24'02	16°59	29°59	23° 9	22°26	25°14	13°21	26°47	2°42	8°40	20°10	19°29	28°12	n.a.	F 10
S 11	22 33 21	6°23'51	1♐ 5	0♎58	24°24	22°59	25°27	13°21	26°49	2°44	8°41	20°D 9	19°26	28°19	n.a.	S 11
S 12	22 37 17	7°23'42	14°55	1°54	25°40	23°31	25°40	13°20	26°52	2°45	8°42	20°R 9	19°23	28°26	n.a.	S 12
M13	22 41 14	8°23'35	28°29	2°47	26°55	24° 2	25°53	13°20	26°55	2°46	8°44	20° 8	19°20	28°32	n.a.	M13
T 14	22 45 10	9°23'30	11♑49	3°37	28°10	24°34	26° 6	13°19	26°57	2°47	8°45	20° 7	19°17	28°39	n.a.	T 14
W15	22 49 7	10°23'26	24°55	4°22	29°25	25° 6	26°19	13°18	27° 0	2°48	8°46	20° 3	19°14	28°46	n.a.	W15
T 16	22 53 3	11°23'25	7♒50	5° 3	0♍41	25°37	26°32	13°17	27° 3	2°49	8°48	19°56	19°10	28°52	n.a.	T 16
F 17	22 57 0	12°23'25	20°34	5°40	1°56	26° 8	26°45	13°16	27° 6	2°50	8°49	19°46	19° 7	28°59	n.a.	F 17
S 18	23 0 57	13°23'27	3♓ 8	6°11	3°12	26°39	26°58	13°15	27° 9	2°51	8°51	19°34	19° 4	29° 6	n.a.	S 18
S 19	23 4 53	14°23'31	15°31	6°36	4°27	27°10	27°11	13°13	27°12	2°52	8°52	19°20	19° 1	29°12	n.a.	S 19
M20	23 8 50	15°23'37	27°45	6°55	5°42	27°41	27°24	13°12	27°15	2°53	8°54	19° 5	18°58	29°19	n.a.	M20
T 21	23 12 46	16°23'45	9♈49	7° 6	6°58	28°11	27°37	13°11	27°18	2°54	8°55	18°52	18°55	29°26	n.a.	T 21
W22	23 16 43	17°23'55	21°46	7°R10	8°13	28°42	27°51	13° 9	27°21	2°55	8°57	18°40	18°51	29°32	n.a.	W22
T 23	23 20 39	18°24'07	3♉37	7° 6	9°29	29°12	28° 4	13° 7	27°24	2°56	8°58	18°31	18°48	29°39	n.a.	T 23
F 24	23 24 36	19°24'22	15°25	6°53	10°44	29°42	28°17	13° 5	27°27	2°57	9° 0	18°25	18°45	29°46	n.a.	F 24
S 25	23 28 32	20°24'38	27°14	6°30	12° 0	0♋12	28°30	13° 3	27°30	2°57	9° 1	18°22	18°42	29°53	n.a.	S 25
S 26	23 32 29	21°24'57	9♊ 9	5°58	13°15	0°42	28°44	13° 1	27°33	2°58	9° 3	18°20	18°39	29°59	n.a.	S 26
M27	23 36 25	22°25'18	21°15	5°17	14°31	1°11	28°57	12°59	27°36	2°59	9° 5	18°20	18°35	0♉ 6	n.a.	M27
T 28	23 40 22	23°25'41	3♋38	4°26	15°46	1°40	29°10	12°57	27°39	2°59	9° 6	18°20	18°32	0°13	n.a.	T 28
W29	23 44 19	24°26'06	16°23	3°26	17° 2	2° 9	29°23	12°55	27°43	3° 0	9° 8	18°19	18°29	0°19	n.a.	W29
T 30	23 48 15	25♍26'34	29♋34	2♎19	18♍17	2♋38	29♍37	12♉52	27♎46	3♋ 1	9♏10	18♐15	18♐26	0♉26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n54	22n 4	1s30	2n42	1s40	18n46	1n19	23n46	0n32	3n48	1n12	14n12	2s 0	10s 1	0n22	23n37	0s12	7s 1	7n59	23s33	23s27	14n27		n.a.
T 2	12 34	19 31	2 34	2 5	1 48	18 26	1 20	23 50	0 33	3 42	1 12	14 12	2 0	10 1	0 22	23 37	0 12	7 1	7 59	23 33	23 27	14 29		n.a.
F 3	12 13	15 50	3 31	1 28	1 55	18 4	1 21	23 54	0 34	3 37	1 12	14 12	2 0	10 2	0 22	23 37	0 12	7 2	7 58	23 32	23 27	14 31		n.a.
S 4	11 52	11 10	4 18	0 52	2 2	17 43	1 22	23 58	0 35	3 32	1 12	14 12	2 1	10 3	0 22	23 37	0 12	7 3	7 58	23 32	23 26	14 33		n.a.
S 5	11 30	5 48	4 49	0 17	2 8	17 20	1 22	24 2	0 36	3 27	1 12	14 12	2 1	10 4	0 22	23 37	0 12	7 3	7 58	23 31	23 26	14 35		n.a.
M 6	11 9	0 1	5 2	0s17	2 15	16 58	1 23	24 6	0 37	3 22	1 11	14 11	2 1	10 5	0 22	23 37	0 12	7 4	7 57	23 30	23 26	14 37		n.a.
T 7	10 47	5s48	4 54	0 51	2 21	16 35	1 24	24 9	0 38	3 16	1 11	14 11	2 1	10 6	0 22	23 37	0 12	7 5	7 57	23 29	23 26	14 39		n.a.
W 8	10 25	11 17	4 28	1 23	2 28	16 11	1 24	24 12	0 39	3 11	1 11	14 11	2 1	10 7	0 22	23 37	0 12	7 5	7 57	23 29	23 25	14 41		n.a.
T 9	10 3	16 4	3 44	1 55	2 33	15 47	1 25	24 16	0 40	3 6	1 11	14 11	2 1	10 8	0 22	23 37	0 12	7 6	7 56	23 28	23 25	14 43		n.a.
F 10	9 41	19 50	2 46	2 25	2 39	15 22	1 25	24 19	0 42	3 1	1 11	14 11	2 1	10 9	0 22	23 36	0 12	7 7	7 56	23 28	23 25	14 45		n.a.
S 11	9 19	22 20	1 39	2 54	2 44	14 57	1 26	24 22	0 43	2 55	1 11	14 10	2 2	10 10	0 22	23 36	0 12	7 7	7 56	23 28	23 25	14 47		n.a.
S 12	8 56	23 26	0 28	3 21	2 49	14 32	1 26	24 24	0 44	2 50	1 11	14 10	2 2	10 11	0 22	23 36	0 12	7 8	7 55	23 28	23 24	14 49		n.a.
M13	8 34	23 6	0n44	3 46	2 54	14 6	1 26	24 27	0 45	2 45	1 11	14 10	2 2	10 12	0 22	23 36	0 12	7 9	7 55	23 28	23 24	14 51		n.a.
T 14	8 11	21 27	1 52	4 10	2 57	13 39	1 27	24 30	0 46	2 39	1 11	14 9	2 2	10 13	0 22	23 36	0 12	7 10	7 55	23 28	23 24	14 53		n.a.
W15	7 48	18 40	2 53	4 31	3 1	13 13	1 27	24 32	0 47	2 34	1 11	14 9	2 2	10 14	0 22	23 36	0 12	7 10	7 54	23 27	23 24	14 55		n.a.
T 16	7 25	15 1	3 43	4 50	3 4	12 46	1 27	24 34	0 48	2 29	1 11	14 9	2 2	10 15	0 22	23 36	0 12	7 11	7 54	23 27	23 23	14 57		n.a.
F 17	7 1	10 44	4 22	5 7	3 6	12 18	1 27	24 36	0 50	2 23	1 10	14 8	2 2	10 16	0 22	23 36	0 12	7 12	7 54	23 26	23 23	14 59		n.a.
S 18	6 38	6 4	4 48	5 21	3 7	11 51	1 27	24 38	0 51	2 18	1 10	14 8	2 3	10 17	0 22	23 36	0 12	7 12	7 54	23 25	23 23	15 1		n.a.
S 19	6 15	1 13	4 59	5 31	3 7	11 23	1 27	24 40	0 52	2 13	1 10	14 7	2 3	10 18	0 22	23 36	0 12	7 13	7 53	23 24	23 23	15 2		n.a.
M20	5 51	3n36	4 56	5 38	3 6	10 54	1 26	24 42	0 53	2 7	1 10	14 7	2 3	10 19	0 22	23 36	0 12	7 14	7 53	23 23	23 22	15 4		n.a.
T 21	5 27	8 14	4 40	5 41	3 5	10 26	1 26	24 44	0 54	2 2	1 10	14 6	2 3	10 20	0 22	23 36	0 12	7 15	7 53	23 22	23 22	15 6		n.a.
W22	5 4	12 30	4 12	5 40	3 2	9 57	1 26	24 46	0 56	1 56	1 10	14 5	2 3	10 22	0 22	23 36	0 12	7 16	7 52	23 21	23 22	15 8		n.a.
T 23	4 40	16 15	3 33	5 34	2 57	9 28	1 25	24 47	0 57	1 51	1 10	14 5	2 3	10 23	0 22	23 36	0 12	7 16	7 52	23 20	23 21	15 10		n.a.
F 24	4 16	19 21	2 45	5 23	2 51	8 58	1 25	24 48	0 58	1 46	1 10	14 4	2 3	10 24	0 22	23 36	0 12	7 17	7 52	23 19	23 21	15 12		n.a.
S 25	3 52	21 38	1 49	5 7	2 44	8 28	1 24	24 50	0 59	1 40	1 10	14 3	2 4	10 25	0 22	23 36	0 12	7 18	7 51	23 19	23 21	15 14		n.a.
S 26	3 28	22 59	0 48	4 46	2 34	7 58	1 24	24 51	1 1	1 35	1 10	14 3	2 4	10 26	0 22	23 36	0 12	7 19	7 51	23 19	23 21	15 16		n.a.
M27	3 3	23 17	0s15	4 19	2 23	7 28	1 23	24 52	1 2	1 29	1 10	14 2	2 4	10 27	0 22	23 36	0 12	7 19	7 51	23 19	23 20	15 18		n.a.
T 28	2 39	22 27	1 20	3 46	2 10	6 58	1 22	24 53	1 3	1 24	1 10	14 1	2 4	10 28	0 22	23 36	0 12	7 20	7 51	23 19	23 20	15 19		n.a.
W29	2 15	20 27	2 23	3 8	1 55	6 27	1 22	24 54	1 5	1 19	1 10	14 0	2 4	10 30	0 22	23 36	0 12	7 21	7 50	23 19	23 20	15 21		n.a.
T 30	1n50	17n20	3s20	2s26	1s38	5n56	1n21	24n55	1n 6	1n13	1n10	13n59	2s 4	10s31	0n22	23n36	0s12	7s22	7n50	23s19	23s19	15n23		n.a.

Julian Day Number = 1279713.5, Delta T = 08h09m18s
Ecliptic obliquity = 23°50'17, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°46'01, Lahiri = -20°39'01 Julian Calendar 1 Sept. 1210 BCE == Greg. Calendar 21 Aug. 1210 BCE

The year -1209 astronomical counting style corresponds to year 1210 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1210 BCE
geocentric

OCTOBER 1210 BCE (-1209) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 52 12	26♍27'03	13♌14	1°R 5	19♍33	3♋ 7	29♍50	12°R50	27♎49	3♋ 1	9♏12	18°R 9	18♐23	0♉33	n.a.	F 1
S 2	23 56 8	27°27'34	27°23	29♍47	20°48	3°35	0♎ 3	12♉47	27°52	3° 2	9°13	18♐ 0	18°20	0°39	n.a.	S 2
S 3	0 0 5	28°28'07	12♍ 0	28°28	22° 4	4° 3	0°17	12°44	27°56	3° 2	9°15	17°49	18°16	0°46	n.a.	S 3
M 4	0 4 1	29°28'42	26°57	27° 9	23°20	4°31	0°30	12°41	27°59	3° 3	9°17	17°37	18°13	0°53	n.a.	M 4
T 5	0 7 58	0♎29'19	12♎ 5	25°53	24°35	4°59	0°43	12°38	28° 2	3° 3	9°19	17°26	18°10	0°59	n.a.	T 5
W 6	0 11 54	1°29'57	27°13	24°42	25°51	5°27	0°57	12°35	28° 6	3° 4	9°21	17°17	18° 7	1° 6	n.a.	W 6
T 7	0 15 51	2°30'37	12♏12	23°40	27° 6	5°54	1°10	12°32	28° 9	3° 4	9°23	17°10	18° 4	1°13	n.a.	T 7
F 8	0 19 48	3°31'18	26°54	22°47	28°22	6°21	1°24	12°29	28°13	3° 4	9°24	17° 6	18° 1	1°19	n.a.	F 8
S 9	0 23 44	4°32'01	11♐14	22° 5	29°38	6°48	1°37	12°25	28°16	3° 5	9°26	17°D 5	17°57	1°26	n.a.	S 9
S 10	0 27 41	5°32'45	25°10	21°34	0♎53	7°14	1°50	12°22	28°19	3° 5	9°28	17° 5	17°54	1°33	n.a.	S 10
M11	0 31 37	6°33'30	8♑44	21°15	2° 9	7°40	2° 4	12°19	28°23	3° 5	9°30	17°R 5	17°51	1°40	n.a.	M11
T 12	0 35 34	7°34'17	21°57	21°D 8	3°25	8° 6	2°17	12°15	28°26	3° 5	9°32	17° 4	17°48	1°46	n.a.	T 12
W13	0 39 30	8°35'04	4♒52	21°12	4°40	8°32	2°30	12°11	28°30	3° 6	9°34	17° 1	17°45	1°53	n.a.	W13
T 14	0 43 27	9°35'53	17°33	21°26	5°56	8°58	2°44	12° 8	28°33	3° 6	9°36	16°55	17°41	2° 0	n.a.	T 14
F 15	0 47 23	10°36'43	0♓ 1	21°50	7°12	9°23	2°57	12° 4	28°37	3° 6	9°38	16°47	17°38	2° 6	n.a.	F 15
S 16	0 51 20	11°37'34	12°19	22°23	8°27	9°48	3°10	12° 0	28°41	3° 6	9°40	16°36	17°35	2°13	n.a.	S 16
S 17	0 55 17	12°38'26	24°29	23° 3	9°43	10°12	3°23	11°56	28°44	3°R 6	9°42	16°24	17°32	2°20	n.a.	S 17
M18	0 59 13	13°39'20	6♈32	23°51	10°58	10°37	3°37	11°52	28°48	3° 6	9°44	16°11	17°29	2°26	n.a.	M18
T 19	1 3 10	14°40'14	18°29	24°45	12°14	11° 1	3°50	11°48	28°51	3° 6	9°46	15°59	17°26	2°33	n.a.	T 19
W20	1 7 6	15°41'10	0♉22	25°44	13°30	11°24	4° 3	11°44	28°55	3° 6	9°49	15°49	17°22	2°40	n.a.	W20
T 21	1 11 3	16°42'08	12°11	26°48	14°45	11°48	4°16	11°39	28°59	3° 6	9°51	15°41	17°19	2°46	n.a.	T 21
F 22	1 14 59	17°43'07	23°59	27°56	16° 1	12°11	4°30	11°35	29° 2	3° 6	9°53	15°35	17°16	2°53	n.a.	F 22
S 23	1 18 56	18°44'07	5♊50	29° 8	17°17	12°34	4°43	11°31	29° 6	3° 5	9°55	15°33	17°13	3° 0	n.a.	S 23
S 24	1 22 52	19°45'08	17°45	0♎22	18°32	12°56	4°56	11°26	29° 9	3° 5	9°57	15°D32	17°10	3° 6	n.a.	S 24
M25	1 26 49	20°46'11	29°51	1°39	19°48	13°18	5° 9	11°22	29°13	3° 5	9°59	15°33	17° 6	3°13	n.a.	M25
T 26	1 30 46	21°47'15	12♋11	2°59	21° 3	13°40	5°22	11°17	29°17	3° 5	10° 1	15°34	17° 3	3°20	n.a.	T 26
W27	1 34 42	22°48'21	24°51	4°20	22°19	14° 1	5°35	11°13	29°20	3° 4	10° 4	15°R34	17° 0	3°26	n.a.	W27
T 28	1 38 39	23°49'27	7♌55	5°43	23°35	14°22	5°48	11° 8	29°24	3° 4	10° 6	15°33	16°57	3°33	n.a.	T 28
F 29	1 42 35	24°50'35	21°27	7° 8	24°50	14°43	6° 2	11° 3	29°28	3° 4	10° 8	15°30	16°54	3°40	n.a.	F 29
S 30	1 46 32	25°51'44	5♍28	8°33	26° 6	15° 3	6°15	10°59	29°31	3° 3	10°10	15°25	16°51	3°47	n.a.	S 30
S 31	1 50 28	26♎52'54	19♍59	10♎ 0	27♎22	15♋23	6♎27	10♉54	29♎35	3♋ 3	10♏12	15♐18	16♐47	3♉53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n26	13n11	4s 7	1s40	1s20	5n25	1n20	24n55	1n 7	1n 8	1n10	13n59	2s 4	10s32	0n22	23n36	0s12	7s23	7n50	23s18	23s19	15n25		n.a.
S 2	1 2	8 10	4 42	0 50	1 1	4 54	1 19	24 56	1 9	1 2	1 10	13 58	2 4	10 33	0 22	23 36	0 12	7 23	7 50	23 17	23 19	15 27		n.a.
S 3	0 37	2 34	4 59	0n 0	0 40	4 23	1 18	24 56	1 10	0 57	1 9	13 57	2 4	10 35	0 22	23 36	0 12	7 24	7 49	23 16	23 19	15 29		n.a.
M 4	0 13	3s18	4 57	0 51	0 20	3 52	1 17	24 57	1 11	0 51	1 9	13 56	2 4	10 36	0 22	23 36	0 12	7 25	7 49	23 15	23 18	15 31		n.a.
T 5	0s12	9 2	4 34	1 41	0n 1	3 20	1 16	24 57	1 13	0 46	1 9	13 55	2 5	10 37	0 22	23 36	0 12	7 26	7 49	23 14	23 18	15 32		n.a.
W 6	0 36	14 14	3 52	2 27	0 21	2 49	1 14	24 58	1 14	0 40	1 9	13 54	2 5	10 38	0 22	23 36	0 12	7 27	7 49	23 13	23 18	15 34		n.a.
T 7	1 1	18 30	2 54	3 10	0 40	2 17	1 13	24 58	1 16	0 35	1 9	13 53	2 5	10 39	0 22	23 36	0 12	7 28	7 48	23 12	23 17	15 36		n.a.
F 8	1 25	21 29	1 45	3 48	0 58	1 45	1 12	24 58	1 17	0 30	1 9	13 52	2 5	10 41	0 22	23 36	0 12	7 28	7 48	23 12	23 17	15 38		n.a.
S 9	1 50	23 1	0 31	4 20	1 14	1 13	1 10	24 58	1 19	0 24	1 9	13 50	2 5	10 42	0 22	23 36	0 12	7 29	7 48	23 12	23 17	15 40		n.a.
S 10	2 14	23 2	0n43	4 45	1 29	0 42	1 9	24 58	1 20	0 19	1 9	13 49	2 5	10 43	0 22	23 36	0 12	7 30	7 48	23 12	23 17	15 42		n.a.
M11	2 39	21 41	1 52	5 4	1 42	0 10	1 8	24 58	1 22	0 13	1 9	13 48	2 5	10 45	0 22	23 36	0 12	7 31	7 47	23 12	23 16	15 43		n.a.
T 12	3 3	19 9	2 54	5 17	1 52	0s22	1 6	24 58	1 23	0 8	1 9	13 47	2 5	10 46	0 21	23 36	0 12	7 32	7 47	23 12	23 16	15 45		n.a.
W13	3 28	15 43	3 45	5 24	2 2	0 54	1 5	24 58	1 25	0 3	1 9	13 46	2 5	10 47	0 21	23 36	0 12	7 33	7 47	23 12	23 16	15 47		n.a.
T 14	3 52	11 38	4 24	5 25	2 9	1 26	1 3	24 58	1 26	0s 3	1 9	13 45	2 5	10 48	0 21	23 36	0 12	7 33	7 47	23 11	23 15	15 49		n.a.
F 15	4 16	7 8	4 50	5 21	2 15	1 58	1 1	24 57	1 28	0 8	1 9	13 43	2 5	10 50	0 21	23 36	0 12	7 34	7 46	23 10	23 15	15 51		n.a.
S 16	4 40	2 25	5 2	5 11	2 19	2 30	1 0	24 57	1 29	0 14	1 9	13 42	2 5	10 51	0 21	23 36	0 12	7 35	7 46	23 9	23 15	15 52		n.a.
S 17	5 4	2n21	5 0	4 58	2 22	3 2	0 58	24 57	1 31	0 19	1 9	13 41	2 5	10 52	0 21	23 36	0 12	7 36	7 46	23 8	23 15	15 54		n.a.
M18	5 28	6 58	4 44	4 40	2 23	3 33	0 56	24 56	1 32	0 24	1 9	13 40	2 5	10 54	0 21	23 36	0 12	7 37	7 46	23 6	23 14	15 56		n.a.
T 19	5 52	11 18	4 16	4 19	2 24	4 5	0 54	24 56	1 34	0 30	1 9	13 38	2 6	10 55	0 21	23 36	0 12	7 38	7 46	23 5	23 14	15 58		n.a.
W20	6 16	15 10	3 37	3 55	2 23	4 37	0 52	24 56	1 36	0 35	1 9	13 37	2 6	10 56	0 21	23 36	0 12	7 38	7 45	23 4	23 14	16 0		n.a.
T 21	6 40	18 25	2 49	3 27	2 22	5 8	0 50	24 55	1 37	0 40	1 9	13 36	2 6	10 58	0 21	23 36	0 12	7 39	7 45	23 3	23 13	16 1		n.a.
F 22	7 4	20 54	1 53	2 58	2 20	5 39	0 49	24 55	1 39	0 46	1 9	13 34	2 6	10 59	0 21	23 36	0 12	7 40	7 45	23 3	23 13	16 3		n.a.
S 23	7 28	22 29	0 52	2 26	2 17	6 11	0 47	24 54	1 41	0 51	1 9	13 33	2 6	11 0	0 21	23 36	0 12	7 41	7 45	23 2	23 13	16 5		n.a.
S 24	7 51	23 4	0s12	1 53	2 13	6 42	0 45	24 54	1 42	0 56	1 9	13 31	2 6	11 1	0 21	23 36	0 12	7 42	7 45	23 2	23 12	16 7		n.a.
M25	8 14	22 34	1 16	1 18	2 9	7 13	0 42	24 53	1 44	1 2	1 9	13 30	2 6	11 3	0 21	23 36	0 12	7 43	7 44	23 2	23 12	16 8		n.a.
T 26	8 38	20 58	2 18	0 42	2 5	7 44	0 40	24 53	1 46	1 7	1 9	13 29	2 6	11 4	0 21	23 36	0 12	7 43	7 44	23 2	23 12	16 10		n.a.
W27	9 1	18 19	3 15	0 5	2 0	8 14	0 38	24 52	1 48	1 12	1 9	13 27	2 6	11 5	0 21	23 36	0 12	7 44	7 44	23 3	23 11	16 12		n.a.
T 28	9 24	14 40	4 4	0s33	1 55	8 45	0 36	24 52	1 50	1 17	1 9	13 26	2 6	11 7	0 21	23 36	0 12	7 45	7 44	23 2	23 11	16 14		n.a.
F 29	9 47	10 9	4 41	1 12	1 49	9 15	0 34	24 51	1 51	1 23	1 9	13 24	2 6	11 8	0 21	23 36	0 12	7 46	7 44	23 2	23 11	16 15		n.a.
S 30	10 9	4 58	5 3	1 52	1 44	9 45	0 32	24 51	1 53	1 28	1 9	13 23	2 6	11 9	0 21	23 36	0 12	7 47	7 44	23 1	23 11	16 17		n.a.
S 31	10s32	0s39	5s 7	2s32	1n38	10s15	0n30	24n50	1n55	1s33	1n 9	13n21	2s 6	11s11	0n21	23n36	0s12	7s48	7n43	23s 1	23s10	16n19		n.a.

Julian Day Number = 1279743.5, Delta T = 08h09m17s
Ecliptic obliquity = 23°50'17, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'57, Lahiri = -20°38'57 Julian Calendar 1 Oct. 1210 BCE == Greg. Calendar 20 Sept. 1210 BCE

The year -1209 astronomical counting style corresponds to year 1210 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1210 BCE
geocentric

NOVEMBER 1210 BCE (-1209) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 54 25	27♎54'05	4♎54	11♎27	28♎37	15♋43	6♎40	10°R49	29♎39	3°R 2	10♏14	15°R10	16♐44	4♉ 0	n.a.	M 1
T 2	1 58 21	28°55'17	20° 6	12°55	29°53	16° 2	6°53	10♉44	29°43	3♋ 2	10°17	15♐ 3	16°41	4° 7	n.a.	T 2
W 3	2 2 18	29°56'30	5♏25	14°24	1♏ 8	16°20	7° 6	10°39	29°46	3° 1	10°19	14°57	16°38	4°13	n.a.	W 3
T 4	2 6 15	0♏57'44	20°38	15°54	2°24	16°39	7°19	10°34	29°50	3° 1	10°21	14°52	16°35	4°20	n.a.	T 4
F 5	2 10 11	1°58'58	5♐38	17°23	3°40	16°56	7°32	10°29	29°54	3° 0	10°23	14°50	16°32	4°27	n.a.	F 5
S 6	2 14 8	3° 0'13	20°15	18°54	4°55	17°14	7°45	10°25	29°57	2°59	10°26	14°D50	16°28	4°33	n.a.	S 6
S 7	2 18 4	4° 1'28	4♑26	20°24	6°11	17°31	7°57	10°20	0♏ 1	2°59	10°28	14°51	16°25	4°40	n.a.	S 7
M 8	2 22 1	5° 2'43	18°11	21°55	7°26	17°47	8°10	10°15	0° 5	2°58	10°30	14°52	16°22	4°47	n.a.	M 8
T 9	2 25 57	6° 3'59	1♒29	23°26	8°42	18° 3	8°23	10°10	0° 8	2°57	10°32	14°R53	16°19	4°53	n.a.	T 9
W10	2 29 54	7° 5'15	14°25	24°58	9°57	18°18	8°35	10° 5	0°12	2°57	10°35	14°53	16°16	5° 0	n.a.	W10
T 11	2 33 51	8° 6'31	27° 1	26°29	11°13	18°33	8°48	10° 0	0°16	2°56	10°37	14°51	16°12	5° 7	n.a.	T 11
F 12	2 37 47	9° 7'47	9♓22	28° 1	12°28	18°48	9° 0	9°55	0°19	2°55	10°39	14°48	16° 9	5°13	n.a.	F 12
S 13	2 41 44	10° 9'03	21°32	29°33	13°44	19° 2	9°13	9°50	0°23	2°54	10°41	14°43	16° 6	5°20	n.a.	S 13
S 14	2 45 40	11°10'19	3♈32	1♏ 6	14°59	19°15	9°25	9°45	0°27	2°53	10°44	14°37	16° 3	5°27	n.a.	S 14
M15	2 49 37	12°11'35	15°27	2°38	16°15	19°28	9°37	9°40	0°30	2°52	10°46	14°30	16° 0	5°33	n.a.	M15
T 16	2 53 33	13°12'52	27°19	4°11	17°30	19°40	9°49	9°35	0°34	2°51	10°48	14°24	15°57	5°40	n.a.	T 16
W17	2 57 30	14°14'08	9♉ 8	5°44	18°46	19°52	10° 2	9°30	0°37	2°50	10°50	14°19	15°53	5°47	n.a.	W17
T 18	3 1 26	15°15'25	20°59	7°17	20° 1	20° 3	10°14	9°25	0°41	2°49	10°53	14°15	15°50	5°53	n.a.	T 18
F 19	3 5 23	16°16'42	2♊51	8°51	21°17	20°14	10°26	9°20	0°45	2°48	10°55	14°13	15°47	6° 0	n.a.	F 19
S 20	3 9 20	17°17'59	14°47	10°25	22°32	20°24	10°38	9°15	0°48	2°47	10°57	14°D13	15°44	6° 7	n.a.	S 20
S 21	3 13 16	18°19'16	26°50	11°59	23°48	20°33	10°50	9°10	0°52	2°46	10°59	14°13	15°41	6°13	n.a.	S 21
M22	3 17 13	19°20'34	9♋ 3	13°33	25° 3	20°42	11° 2	9° 5	0°55	2°45	11° 2	14°15	15°38	6°20	n.a.	M22
T 23	3 21 9	20°21'52	21°28	15° 8	26°18	20°50	11°14	9° 0	0°59	2°44	11° 4	14°16	15°34	6°27	n.a.	T 23
W24	3 25 6	21°23'09	4♌ 9	16°42	27°34	20°58	11°25	8°55	1° 2	2°43	11° 6	14°18	15°31	6°34	n.a.	W24
T 25	3 29 2	22°24'27	17°10	18°18	28°49	21° 5	11°37	8°50	1° 6	2°42	11° 8	14°R19	15°28	6°40	n.a.	T 25
F 26	3 32 59	23°25'45	0♍33	19°53	0♐ 5	21°11	11°49	8°46	1° 9	2°40	11°10	14°19	15°25	6°47	n.a.	F 26
S 27	3 36 55	24°27'03	14°22	21°29	1°20	21°17	12° 0	8°41	1°13	2°39	11°13	14°18	15°22	6°54	n.a.	S 27
S 28	3 40 52	25°28'21	28°37	23° 5	2°35	21°22	12°12	8°36	1°16	2°38	11°15	14°16	15°18	7° 0	n.a.	S 28
M29	3 44 49	26°29'39	13♎15	24°42	3°51	21°26	12°23	8°31	1°20	2°37	11°17	14°13	15°15	7° 7	n.a.	M29
T 30	3 48 45	27♏30'57	28♎11	26♏19	5♐ 6	21♋29	12♎34	8♉27	1♏23	2♋35	11♏19	14♐11	15♐12	7♉14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10s54	6s24	4s50	3s12	1n31	10s44	0n27	24n50	1n57	1s38	1n 9	13n20	2s 6	11s12	0n21	23n36	0s12	7s48	7n43	23s 0	23s10	16n20		n.a.
T 2	11 16	11 52	4 13	3 53	1 25	11 13	0 25	24 49	1 59	1 43	1 9	13 18	2 6	11 13	0 21	23 36	0 12	7 49	7 43	22 59	23 10	16 22		n.a.
W 3	11 38	16 38	3 17	4 34	1 18	11 42	0 23	24 49	2 1	1 48	1 9	13 17	2 6	11 15	0 21	23 36	0 12	7 50	7 43	22 58	23 9	16 24		n.a.
T 4	12 0	20 15	2 7	5 15	1 12	12 11	0 21	24 49	2 3	1 54	1 9	13 15	2 6	11 16	0 21	23 36	0 12	7 51	7 43	22 58	23 9	16 26		n.a.
F 5	12 22	22 25	0 50	5 56	1 5	12 40	0 18	24 48	2 5	1 59	1 9	13 14	2 5	11 17	0 21	23 36	0 12	7 52	7 43	22 58	23 9	16 27		n.a.
S 6	12 43	22 59	0n29	6 38	0 58	13 8	0 16	24 48	2 7	2 4	1 9	13 12	2 5	11 19	0 21	23 36	0 12	7 52	7 43	22 58	23 8	16 29		n.a.
S 7	13 4	22 1	1 45	7 19	0 51	13 35	0 14	24 48	2 9	2 9	1 9	13 11	2 5	11 20	0 21	23 36	0 12	7 53	7 42	22 58	23 8	16 31		n.a.
M 8	13 25	19 45	2 51	8 0	0 44	14 3	0 11	24 48	2 11	2 14	1 9	13 9	2 5	11 21	0 21	23 37	0 12	7 54	7 42	22 58	23 8	16 32		n.a.
T 9	13 46	16 29	3 47	8 40	0 37	14 30	0 9	24 47	2 13	2 19	1 9	13 8	2 5	11 23	0 21	23 37	0 12	7 55	7 42	22 58	23 7	16 34		n.a.
W10	14 6	12 30	4 29	9 21	0 31	14 56	0 7	24 47	2 15	2 24	1 9	13 6	2 5	11 24	0 21	23 37	0 12	7 56	7 42	22 58	23 7	16 36		n.a.
T 11	14 27	8 4	4 57	10 1	0 24	15 23	0 4	24 47	2 17	2 29	1 10	13 5	2 5	11 25	0 21	23 37	0 12	7 56	7 42	22 58	23 7	16 37		n.a.
F 12	14 47	3 24	5 10	10 41	0 17	15 48	0 2	24 47	2 19	2 34	1 10	13 3	2 5	11 27	0 21	23 37	0 12	7 57	7 42	22 57	23 6	16 39		n.a.
S 13	15 6	1n19	5 9	11 21	0 10	16 14	0s 1	24 48	2 21	2 39	1 10	13 2	2 5	11 28	0 21	23 37	0 12	7 58	7 42	22 57	23 6	16 41		n.a.
S 14	15 26	5 55	4 55	12 0	0 3	16 39	0 3	24 48	2 23	2 44	1 10	13 0	2 5	11 29	0 21	23 37	0 12	7 59	7 42	22 56	23 6	16 42		n.a.
M15	15 45	10 17	4 28	12 39	0s 4	17 3	0 5	24 48	2 26	2 48	1 10	12 59	2 5	11 30	0 21	23 37	0 12	8 0	7 42	22 55	23 5	16 44		n.a.
T 16	16 4	14 14	3 49	13 17	0 10	17 28	0 8	24 48	2 28	2 53	1 10	12 57	2 5	11 32	0 21	23 37	0 12	8 0	7 42	22 55	23 5	16 46		n.a.
W17	16 23	17 37	3 0	13 55	0 17	17 51	0 10	24 49	2 30	2 58	1 10	12 56	2 5	11 33	0 21	23 37	0 12	8 1	7 41	22 54	23 5	16 47		n.a.
T 18	16 41	20 17	2 4	14 33	0 23	18 14	0 12	24 49	2 32	3 3	1 10	12 54	2 5	11 34	0 21	23 37	0 12	8 2	7 41	22 53	23 4	16 49		n.a.
F 19	16 59	22 5	1 2	15 9	0 30	18 37	0 15	24 50	2 35	3 8	1 10	12 53	2 4	11 36	0 21	23 37	0 12	8 3	7 41	22 53	23 4	16 51		n.a.
S 20	17 17	22 54	0s 3	15 46	0 36	18 59	0 17	24 51	2 37	3 12	1 10	12 51	2 4	11 37	0 21	23 37	0 12	8 3	7 41	22 53	23 4	16 52		n.a.
S 21	17 34	22 39	1 9	16 21	0 42	19 21	0 19	24 52	2 39	3 17	1 10	12 50	2 4	11 38	0 21	23 37	0 12	8 4	7 41	22 53	23 3	16 54		n.a.
M22	17 51	21 19	2 13	16 56	0 48	19 42	0 22	24 53	2 42	3 22	1 10	12 48	2 4	11 39	0 21	23 37	0 12	8 5	7 41	22 53	23 3	16 56		n.a.
T 23	18 8	18 57	3 11	17 30	0 54	20 2	0 24	24 54	2 44	3 26	1 10	12 47	2 4	11 41	0 21	23 37	0 12	8 6	7 41	22 54	23 3	16 57		n.a.
W24	18 24	15 38	4 2	18 4	1 0	20 22	0 26	24 55	2 46	3 31	1 10	12 45	2 4	11 42	0 21	23 37	0 12	8 6	7 41	22 54	23 2	16 59		n.a.
T 25	18 41	11 29	4 41	18 36	1 5	20 42	0 29	24 56	2 49	3 36	1 10	12 44	2 4	11 43	0 21	23 37	0 12	8 7	7 41	22 54	23 2	17 0		n.a.
F 26	18 56	6 41	5 7	19 8	1 11	21 0	0 31	24 57	2 51	3 40	1 10	12 43	2 3	11 44	0 21	23 37	0 12	8 8	7 41	22 54	23 1	17 2		n.a.
S 27	19 12	1 24	5 16	19 39	1 16	21 19	0 33	24 59	2 54	3 45	1 10	12 41	2 3	11 46	0 21	23 37	0 12	8 9	7 41	22 54	23 1	17 4		n.a.
S 28	19 27	4s 6	5 6	20 9	1 21	21 36	0 35	25 1	2 56	3 49	1 11	12 40	2 3	11 47	0 21	23 37	0 12	8 9	7 41	22 54	23 1	17 5		n.a.
M29	19 42	9 33	4 37	20 39	1 26	21 53	0 38	25 2	2 59	3 53	1 11	12 38	2 3	11 48	0 21	23 37	0 12	8 10	7 41	22 53	23 0	17 7		n.a.
T 30	19s56	14s32	3s48	21s 7	1s30	22s 9	0s40	25n 4	3n 1	3s58	1n11	12n37	2s 3	11s49	0n21	23n37	0s12	8s11	7n41	22s53	23s 0	17n 8		n.a.

Julian Day Number = 1279774.5, Delta T = 08h09m15s
Ecliptic obliquity = 23°50'17, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'53, Lahiri = -20°38'53 Julian Calendar 1 Nov. 1210 BCE == Greg. Calendar 21 Oct. 1210 BCE

The year -1209 astronomical counting style corresponds to year 1210 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1210 BCE
geocentric

DECEMBER 1210 BCE (-1209) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 52 42	28♏32'15	13♏19	27♏56	6♐22	21♋32	12♎46	8°R22	1♏27	2°R34	11♏21	14°R 9	15♐ 9	7♉20	n.a.	W 1
T 2	3 56 38	29°33'33	28°29	29°34	7°37	21°34	12°57	8♉18	1°30	2♋33	11°24	14♐ 8	15° 6	7°27	n.a.	T 2
F 3	4 0 35	0♐34'50	13♐31	1♐13	8°52	21°35	13° 8	8°13	1°33	2°31	11°26	14°D 8	15° 3	7°34	n.a.	F 3
S 4	4 4 31	1°36'06	28°17	2°51	10° 8	21°R36	13°19	8° 9	1°37	2°30	11°28	14° 8	14°59	7°40	n.a.	S 4
S 5	4 8 28	2°37'22	12♑40	4°30	11°23	21°36	13°30	8° 5	1°40	2°29	11°30	14° 9	14°56	7°47	n.a.	S 5
M 6	4 12 25	3°38'37	26°37	6°10	12°38	21°35	13°41	8° 0	1°43	2°27	11°32	14°10	14°53	7°54	n.a.	M 6
T 7	4 16 21	4°39'52	10♒ 7	7°50	13°53	21°33	13°51	7°56	1°47	2°26	11°34	14°11	14°50	8° 0	n.a.	T 7
W 8	4 20 18	5°41'05	23°11	9°31	15° 9	21°30	14° 2	7°52	1°50	2°24	11°36	14°11	14°47	8° 7	n.a.	W 8
T 9	4 24 14	6°42'17	5♓51	11°12	16°24	21°27	14°12	7°48	1°53	2°23	11°38	14°R11	14°44	8°14	n.a.	T 9
F 10	4 28 11	7°43'28	18°13	12°53	17°39	21°23	14°23	7°44	1°56	2°21	11°41	14°11	14°40	8°20	n.a.	F 10
S 11	4 32 7	8°44'38	0♈20	14°35	18°54	21°18	14°33	7°40	1°59	2°20	11°43	14°11	14°37	8°27	n.a.	S 11
S 12	4 36 4	9°45'47	12°17	16°17	20° 9	21°12	14°43	7°36	2° 2	2°18	11°45	14°10	14°34	8°34	n.a.	S 12
M13	4 40 0	10°46'55	24° 8	18° 0	21°25	21° 6	14°54	7°32	2° 5	2°17	11°47	14°10	14°31	8°40	n.a.	M13
T 14	4 43 57	11°48'02	5♉57	19°43	22°40	20°59	15° 4	7°29	2° 9	2°15	11°49	14° 9	14°28	8°47	n.a.	T 14
W15	4 47 54	12°49'08	17°47	21°26	23°55	20°51	15°14	7°25	2°12	2°14	11°51	14° 9	14°24	8°54	n.a.	W15
T 16	4 51 50	13°50'13	29°40	23° 9	25°10	20°42	15°23	7°22	2°15	2°12	11°53	14°D 9	14°21	9° 0	n.a.	T 16
F 17	4 55 47	14°51'17	11♊39	24°53	26°25	20°32	15°33	7°18	2°18	2°11	11°55	14°R 9	14°18	9° 7	n.a.	F 17
S 18	4 59 43	15°52'20	23°47	26°36	27°40	20°22	15°43	7°15	2°20	2° 9	11°57	14° 9	14°15	9°14	n.a.	S 18
S 19	5 3 40	16°53'22	6♋ 3	28°19	28°55	20°10	15°52	7°11	2°23	2° 7	11°59	14° 9	14°12	9°20	n.a.	S 19
M20	5 7 36	17°54'22	18°31	0♌ 2	0♌10	19°58	16° 2	7° 8	2°26	2° 6	12° 0	14° 9	14° 9	9°27	n.a.	M20
T 21	5 11 33	18°55'22	1♎11	1°45	1°25	19°46	16°11	7° 5	2°29	2° 4	12° 2	14° 8	14° 5	9°34	n.a.	T 21
W22	5 15 30	19°56'21	14° 4	3°26	2°40	19°32	16°20	7° 2	2°32	2° 3	12° 4	14° 7	14° 2	9°40	n.a.	W22
T 23	5 19 26	20°57'19	27°13	5° 7	3°55	19°18	16°29	6°59	2°35	2° 1	12° 6	14° 7	13°59	9°47	n.a.	T 23
F 24	5 23 23	21°58'15	10♍38	6°46	5°10	19° 3	16°38	6°57	2°37	1°59	12° 8	14° 6	13°56	9°54	n.a.	F 24
S 25	5 27 19	22°59'11	24°21	8°23	6°25	18°47	16°47	6°54	2°40	1°58	12°10	14°D 6	13°53	10° 0	n.a.	S 25
S 26	5 31 16	24° 0'06	8♎22	9°59	7°40	18°31	16°56	6°51	2°43	1°56	12°12	14° 6	13°49	10° 7	n.a.	S 26
M27	5 35 12	25° 1'00	22°40	11°31	8°55	18°13	17° 4	6°49	2°45	1°54	12°13	14° 7	13°46	10°14	n.a.	M27
T 28	5 39 9	26° 1'52	7♏12	13° 1	10°10	17°56	17°13	6°46	2°48	1°53	12°15	14° 8	13°43	10°20	n.a.	T 28
W29	5 43 5	27° 2'44	21°56	14°27	11°25	17°37	17°21	6°44	2°50	1°51	12°17	14° 9	13°40	10°27	n.a.	W29
T 30	5 47 2	28° 3'34	6♐44	15°48	12°40	17°18	17°29	6°42	2°53	1°49	12°19	14°R 9	13°37	10°34	n.a.	T 30
F 31	5 50 59	29♐ 4'23	21♐30	17♑ 4	13♑55	16♋58	17♎37	6♉40	2♏55	1♋48	12♏20	14♐ 9	13♐34	10♉40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20s10	18s40	2s43	21s34	1s35	22s25	0s42	25n 6	3n 4	4s 2	1n11	12n36	2s 3	11s50	0n21	23n37	0s12	8s11	7n41	22s53	23s 0	17n10			n.a.
T 2	20 23	21 33	1 26	22 0	1 39	22 40	0 44	25 8	3 6	4 7	1 11	12 34	2 3	11 52	0 21	23 37	0 12	8 12	7 41	22 53	22 59	17 12			n.a.
F 3	20 37	22 51	0 3	22 25	1 43	22 54	0 46	25 11	3 9	4 11	1 11	12 33	2 2	11 53	0 21	23 37	0 12	8 13	7 41	22 53	22 59	17 13			n.a.
S 4	20 49	22 32	1n18	22 49	1 46	23 8	0 48	25 13	3 11	4 15	1 11	12 32	2 2	11 54	0 21	23 37	0 12	8 13	7 41	22 53	22 59	17 15			n.a.
S 5	21 2	20 42	2 32	23 11	1 49	23 21	0 50	25 16	3 14	4 19	1 11	12 31	2 2	11 55	0 21	23 37	0 12	8 14	7 41	22 53	22 58	17 16			n.a.
M 6	21 14	17 40	3 35	23 32	1 52	23 33	0 52	25 19	3 17	4 23	1 11	12 29	2 2	11 56	0 21	23 37	0 11	8 15	7 41	22 53	22 58	17 18			n.a.
T 7	21 25	13 47	4 23	23 52	1 55	23 45	0 54	25 21	3 19	4 28	1 11	12 28	2 2	11 57	0 21	23 37	0 11	8 15	7 41	22 53	22 58	17 19			n.a.
W 8	21 37	9 21	4 57	24 10	1 57	23 55	0 56	25 24	3 22	4 32	1 11	12 27	2 1	11 59	0 21	23 37	0 11	8 16	7 41	22 53	22 57	17 21			n.a.
T 9	21 47	4 39	5 14	24 27	1 59	24 5	0 58	25 27	3 24	4 36	1 12	12 26	2 1	12 0	0 21	23 37	0 11	8 17	7 41	22 53	22 57	17 23			n.a.
F 10	21 58	0n 7	5 17	24 43	2 0	24 15	1 0	25 31	3 27	4 40	1 12	12 25	2 1	12 1	0 21	23 38	0 11	8 17	7 41	22 53	22 56	17 24			n.a.
S 11	22 8	4 47	5 5	24 57	2 2	24 23	1 2	25 34	3 30	4 44	1 12	12 24	2 1	12 2	0 21	23 38	0 11	8 18	7 41	22 53	22 56	17 26			n.a.
S 12	22 17	9 13	4 40	25 9	2 2	24 31	1 3	25 37	3 32	4 48	1 12	12 23	2 1	12 3	0 21	23 38	0 11	8 18	7 41	22 53	22 56	17 27			n.a.
M13	22 26	13 17	4 4	25 19	2 2	24 38	1 5	25 41	3 35	4 52	1 12	12 22	2 0	12 4	0 21	23 38	0 11	8 19	7 41	22 53	22 55	17 29			n.a.
T 14	22 35	16 49	3 17	25 28	2 2	24 44	1 7	25 45	3 37	4 55	1 12	12 21	2 0	12 5	0 21	23 38	0 11	8 20	7 41	22 53	22 55	17 30			n.a.
W15	22 43	19 40	2 21	25 34	2 1	24 50	1 8	25 49	3 40	4 59	1 12	12 20	2 0	12 6	0 21	23 38	0 11	8 20	7 41	22 53	22 55	17 32			n.a.
T 16	22 50	21 43	1 20	25 39	2 0	24 55	1 10	25 52	3 42	5 3	1 12	12 19	2 0	12 7	0 21	23 38	0 11	8 21	7 41	22 53	22 54	17 33			n.a.
F 17	22 58	22 47	0 14	25 42	1 58	24 59	1 11	25 56	3 45	5 7	1 12	12 18	1 59	12 8	0 21	23 38	0 11	8 21	7 41	22 53	22 54	17 35			n.a.
S 18	23 4	22 48	0s53	25 43	1 55	25 2	1 13	26 1	3 47	5 10	1 13	12 17	1 59	12 9	0 21	23 38	0 11	8 22	7 41	22 53	22 53	17 36			n.a.
S 19	23 11	21 43	1 59	25 42	1 52	25 4	1 14	26 5	3 50	5 14	1 13	12 16	1 59	12 10	0 21	23 38	0 11	8 22	7 41	22 53	22 53	17 38			n.a.
M20	23 17	19 34	3 0	25 39	1 48	25 6	1 16	26 9	3 52	5 17	1 13	12 15	1 59	12 11	0 21	23 38	0 11	8 23	7 41	22 53	22 53	17 39			n.a.
T 21	23 22	16 27	3 53	25 33	1 44	25 7	1 17	26 13	3 55	5 21	1 13	12 15	1 58	12 12	0 21	23 38	0 11	8 23	7 41	22 53	22 52	17 41			n.a.
W22	23 27	12 30	4 35	25 26	1 39	25 7	1 18	26 18	3 57	5 24	1 13	12 14	1 58	12 13	0 21	23 38	0 11	8 24	7 41	22 53	22 52	17 42			n.a.
T 23	23 31	7 53	5 4	25 17	1 33	25 6	1 19	26 22	3 59	5 28	1 13	12 13	1 58	12 14	0 21	23 38	0 11	8 24	7 41	22 52	22 52	17 44			n.a.
F 24	23 35	2 49	5 17	25 5	1 26	25 5	1 21	26 27	4 2	5 31	1 13	12 12	1 58	12 15	0 21	23 38	0 11	8 25	7 41	22 52	22 51	17 45			n.a.
S 25	23 39	2s29	5 12	24 52	1 18	25 2	1 22	26 31	4 4	5 34	1 13	12 12	1 58	12 16	0 21	23 38	0 11	8 25	7 41	22 52	22 51	17 47			n.a.
S 26	23 42	7 48	4 50	24 36	1 9	24 59	1 23	26 36	4 6	5 38	1 14	12 11	1 57	12 17	0 21	23 38	0 11	8 26	7 41	22 52	22 50	17 48			n.a.
M27	23 45	12 47	4 9	24 19	1 0	24 55	1 24	26 40	4 8	5 41	1 14	12 11	1 57	12 18	0 21	23 38	0 11	8 26	7 41	22 52	22 50	17 50			n.a.
T 28	23 47	17 9	3 11	24 1	0 49	24 51	1 25	26 45	4 10	5 44	1 14	12 10	1 57	12 19	0 21	23 38	0 11	8 27	7 41	22 53	22 50	17 51			n.a.
W29	23 48	20 29	2 0	23 40	0 38	24 45	1 26	26 49	4 12	5 47	1 14	12 9	1 56	12 20	0 21	23 38	0 11	8 27	7 42	22 53	22 49	17 53			n.a.
T 30	23 49	22 28	0 41	23 19	0 26	24 39	1 26	26 54	4 14	5 50	1 14	12 9	1 56	12 21	0 21	23 38	0 11	8 28	7 42	22 53	22 49	17 54			n.a.
F 31	23s50	22s53	0n41	22s56	0s13	24s32	1s27	26n58	4n16	5s53	1n14	12n 9	1s56	12s21	0n21	23n38	0s11	8s28	7n42	22s53	22s48	17n55			n.a.

Julian Day Number = 1279804.5, Delta T = 08h09m14s
Ecliptic obliquity = 23°50'16, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'49, Lahiri = -20°38'49 Julian Calendar 1 Dec. 1210 BCE == Greg. Calendar 20 Nov. 1210 BCE

The year -1209 astronomical counting style corresponds to year 1210 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1209 BCE
geocentric

JANUARY 1209 BCE (-1208) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 54 55	0♉ 5'11	6♉ 6	18♉15	15♉10	16°R38	17♎45	6°R38	2♏58	1°R46	12♏22	14°R 9	13♐30	10♑47	n.a.	S 1
S 2	5 58 52	1° 5'57	20°27	19°19	16°25	16♋17	17°53	6♑36	3° 0	1♋44	12°24	14♐ 7	13°27	10°54	n.a.	S 2
M 3	6 2 48	2° 6'42	4♒27	20°15	17°40	15°56	18° 1	6°34	3° 3	1°42	12°25	14° 5	13°24	11° 0	n.a.	M 3
T 4	6 6 45	3° 7'24	18° 2	21° 4	18°54	15°35	18° 8	6°33	3° 5	1°41	12°27	14° 2	13°21	11° 7	n.a.	T 4
W 5	6 10 41	4° 8'05	1♓13	21°43	20° 9	15°13	18°16	6°31	3° 7	1°39	12°28	13°59	13°18	11°14	n.a.	W 5
T 6	6 14 38	5° 8'44	14° 0	22°14	21°24	14°50	18°23	6°30	3° 9	1°37	12°30	13°57	13°15	11°20	n.a.	T 6
F 7	6 18 34	6° 9'21	26°26	22°34	22°39	14°27	18°30	6°28	3°11	1°36	12°31	13°55	13°11	11°27	n.a.	F 7
S 8	6 22 31	7° 9'56	8♈36	22°R44	23°53	14° 4	18°37	6°27	3°14	1°34	12°33	13°D55	13° 8	11°34	n.a.	S 8
S 9	6 26 28	8°10'29	20°33	22°44	25° 8	13°41	18°44	6°26	3°16	1°32	12°34	13°56	13° 5	11°40	n.a.	S 9
M10	6 30 24	9°11'00	2♉24	22°34	26°23	13°17	18°50	6°25	3°18	1°31	12°36	13°57	13° 2	11°47	n.a.	M10
T 11	6 34 21	10°11'29	14°12	22°13	27°37	12°54	18°57	6°24	3°20	1°29	12°37	13°59	12°59	11°54	n.a.	T 11
W12	6 38 17	11°11'56	26° 3	21°42	28°52	12°30	19° 3	6°23	3°22	1°27	12°39	14° 1	12°55	12° 0	n.a.	W12
T 13	6 42 14	12°12'21	8♊ 0	21° 3	0♒ 6	12° 6	19° 9	6°23	3°23	1°26	12°40	14°R 2	12°52	12° 7	n.a.	T 13
F 14	6 46 10	13°12'44	20° 7	20°15	1°21	11°42	19°16	6°22	3°25	1°24	12°41	14° 2	12°49	12°14	n.a.	F 14
S 15	6 50 7	14°13'05	2♋26	19°21	2°35	11°19	19°21	6°22	3°27	1°22	12°43	14° 0	12°46	12°20	n.a.	S 15
S 16	6 54 3	15°13'24	14°59	18°22	3°50	10°55	19°27	6°22	3°29	1°21	12°44	13°57	12°43	12°27	n.a.	S 16
M17	6 58 0	16°13'42	27°47	17°19	5° 4	10°31	19°33	6°21	3°31	1°19	12°45	13°53	12°40	12°34	n.a.	M17
T 18	7 1 57	17°13'57	10♌49	16°15	6°19	10° 8	19°38	6°D21	3°32	1°18	12°47	13°47	12°36	12°40	n.a.	T 18
W19	7 5 53	18°14'11	24° 6	15° 9	7°33	9°45	19°43	6°21	3°34	1°16	12°48	13°41	12°33	12°47	n.a.	W19
T 20	7 9 50	19°14'23	7♍34	14° 6	8°48	9°22	19°49	6°22	3°35	1°14	12°49	13°36	12°30	12°54	n.a.	T 20
F 21	7 13 46	20°14'33	21°14	13° 4	10° 2	8°59	19°54	6°22	3°37	1°13	12°50	13°32	12°27	13° 0	n.a.	F 21
S 22	7 17 43	21°14'41	5♎ 4	12° 7	11°16	8°36	19°58	6°22	3°38	1°11	12°51	13°29	12°24	13° 7	n.a.	S 22
S 23	7 21 39	22°14'47	19° 3	11°14	12°30	8°14	20° 3	6°23	3°40	1°10	12°52	13°D27	12°21	13°14	n.a.	S 23
M24	7 25 36	23°14'52	3♏10	10°27	13°45	7°53	20° 7	6°23	3°41	1° 8	12°53	13°28	12°17	13°20	n.a.	M24
T 25	7 29 32	24°14'56	17°23	9°47	14°59	7°32	20°12	6°24	3°42	1° 7	12°54	13°29	12°14	13°27	n.a.	T 25
W26	7 33 29	25°14'57	1♐41	9°13	16°13	7°11	20°16	6°25	3°44	1° 5	12°55	13°30	12°11	13°34	n.a.	W26
T 27	7 37 26	26°14'57	16° 1	8°46	17°27	6°51	20°20	6°26	3°45	1° 4	12°56	13°R31	12° 8	13°40	n.a.	T 27
F 28	7 41 22	27°14'55	0♑20	8°25	18°41	6°31	20°23	6°27	3°46	1° 2	12°57	13°29	12° 5	13°47	n.a.	F 28
S 29	7 45 19	28°14'51	14°33	8°11	19°56	6°12	20°27	6°28	3°47	1° 1	12°58	13°26	12° 1	13°54	n.a.	S 29
S 30	7 49 15	29°14'45	28°36	8° 4	21°10	5°53	20°30	6°29	3°48	0°59	12°59	13°21	11°58	14° 0	n.a.	S 30
M31	7 53 12	0♒14'37	12♒24	8°D 4	22♒24	5♋36	20♎34	6♑31	3♏49	0♋58	13♏ 0	13♐13	11♐55	14♑ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23 s50	21 s43	1n59	22 s33	0n 1	24 s25	1 s28	27n 3	4n18	5 s56	1n14	12n 8	1 s56	12 s22	0n21	23n38	0 s11	8 s29	7n42	22 s53	22 s48	17n57		n.a.
S 2	23 50	19 10	3 8	22 10	0 16	24 16	1 28	27 7	4 20	5 59	1 15	12 8	1 55	12 23	0 21	23 38	0 11	8 29	7 42	22 52	22 48	17 58		n.a.
M 3	23 49	15 32	4 4	21 46	0 31	24 7	1 29	27 11	4 21	6 2	1 15	12 7	1 55	12 24	0 21	23 38	0 11	8 29	7 42	22 52	22 47	18 0		n.a.
T 4	23 48	11 11	4 44	21 23	0 47	23 57	1 29	27 16	4 23	6 5	1 15	12 7	1 55	12 25	0 21	23 38	0 11	8 30	7 42	22 52	22 47	18 1		n.a.
W 5	23 46	6 26	5 8	21 0	1 4	23 47	1 30	27 20	4 24	6 7	1 15	12 7	1 55	12 25	0 21	23 38	0 11	8 30	7 42	22 52	22 46	18 3		n.a.
T 6	23 44	1 33	5 16	20 38	1 21	23 35	1 30	27 24	4 26	6 10	1 15	12 7	1 54	12 26	0 21	23 39	0 11	8 30	7 42	22 51	22 46	18 4		n.a.
F 7	23 41	3n16	5 8	20 18	1 38	23 23	1 31	27 28	4 27	6 13	1 15	12 6	1 54	12 27	0 21	23 39	0 11	8 31	7 42	22 51	22 46	18 5		n.a.
S 8	23 38	7 51	4 47	19 59	1 56	23 10	1 31	27 31	4 28	6 15	1 16	12 6	1 54	12 28	0 21	23 39	0 11	8 31	7 42	22 51	22 45	18 7		n.a.
S 9	23 35	12 3	4 13	19 42	2 13	22 57	1 31	27 35	4 29	6 18	1 16	12 6	1 53	12 28	0 21	23 39	0 11	8 32	7 43	22 51	22 45	18 8		n.a.
M10	23 31	15 47	3 30	19 28	2 29	22 43	1 31	27 38	4 30	6 20	1 16	12 6	1 53	12 29	0 21	23 39	0 11	8 32	7 43	22 51	22 44	18 10		n.a.
T 11	23 26	18 51	2 37	19 16	2 45	22 28	1 31	27 42	4 31	6 22	1 16	12 6	1 53	12 30	0 21	23 39	0 11	8 32	7 43	22 51	22 44	18 11		n.a.
W12	23 21	21 10	1 37	19 6	3 0	22 13	1 31	27 45	4 32	6 25	1 16	12 6	1 53	12 30	0 21	23 39	0 11	8 32	7 43	22 52	22 44	18 12		n.a.
T 13	23 16	22 33	0 33	18 59	3 13	21 57	1 31	27 48	4 32	6 27	1 16	12 6	1 52	12 31	0 21	23 39	0 11	8 33	7 43	22 52	22 43	18 14		n.a.
F 14	23 10	22 54	0 s33	18 54	3 25	21 40	1 31	27 50	4 33	6 29	1 16	12 6	1 52	12 32	0 21	23 39	0 11	8 33	7 43	22 52	22 43	18 15		n.a.
S 15	23 4	22 10	1 39	18 52	3 35	21 22	1 30	27 53	4 33	6 31	1 17	12 6	1 52	12 32	0 21	23 39	0 11	8 33	7 43	22 52	22 42	18 17		n.a.
S 16	22 57	20 18	2 41	18 53	3 43	21 4	1 30	27 55	4 34	6 33	1 17	12 7	1 52	12 33	0 21	23 39	0 11	8 34	7 43	22 51	22 42	18 18		n.a.
M17	22 50	17 25	3 37	18 55	3 49	20 46	1 30	27 58	4 34	6 35	1 17	12 7	1 51	12 33	0 21	23 39	0 11	8 34	7 43	22 51	22 42	18 19		n.a.
T 18	22 42	13 37	4 22	18 59	3 52	20 27	1 29	28 0	4 34	6 37	1 17	12 7	1 51	12 34	0 21	23 39	0 11	8 34	7 44	22 50	22 41	18 21		n.a.
W19	22 34	9 6	4 53	19 6	3 54	20 7	1 29	28 1	4 34	6 39	1 17	12 7	1 51	12 35	0 21	23 39	0 11	8 34	7 44	22 49	22 41	18 22		n.a.
T 20	22 26	4 5	5 10	19 13	3 53	19 47	1 28	28 3	4 34	6 41	1 17	12 8	1 50	12 35	0 21	23 39	0 11	8 35	7 44	22 49	22 40	18 23		n.a.
F 21	22 17	1 s11	5 8	19 22	3 50	19 26	1 28	28 4	4 33	6 43	1 18	12 8	1 50	12 36	0 21	23 39	0 11	8 35	7 44	22 48	22 40	18 25		n.a.
S 22	22 8	6 28	4 50	19 32	3 45	19 4	1 27	28 6	4 33	6 44	1 18	12 8	1 50	12 36	0 21	23 39	0 11	8 35	7 44	22 48	22 39	18 26		n.a.
S 23	21 58	11 29	4 13	19 43	3 38	18 42	1 26	28 7	4 33	6 46	1 18	12 9	1 50	12 37	0 21	23 39	0 11	8 35	7 44	22 48	22 39	18 27		n.a.
M24	21 48	15 55	3 22	19 55	3 30	18 20	1 25	28 8	4 32	6 47	1 18	12 9	1 49	12 37	0 21	23 39	0 11	8 35	7 44	22 48	22 39	18 29		n.a.
T 25	21 37	19 30	2 17	20 8	3 21	17 57	1 24	28 8	4 32	6 49	1 18	12 10	1 49	12 37	0 21	23 39	0 11	8 36	7 45	22 48	22 38	18 30		n.a.
W26	21 26	21 53	1 4	20 20	3 11	17 34	1 23	28 9	4 31	6 50	1 19	12 10	1 49	12 38	0 21	23 39	0 11	8 36	7 45	22 48	22 38	18 31		n.a.
T 27	21 15	22 52	0n14	20 34	2 59	17 10	1 22	28 9	4 30	6 52	1 19	12 11	1 48	12 38	0 21	23 39	0 11	8 36	7 45	22 48	22 37	18 33		n.a.
F 28	21 3	22 20	1 30	20 47	2 47	16 45	1 21	28 9	4 29	6 53	1 19	12 12	1 48	12 39	0 21	23 39	0 11	8 36	7 45	22 48	22 37	18 34		n.a.
S 29	20 51	20 23	2 40	21 0	2 35	16 20	1 20	28 9	4 28	6 54	1 19	12 12	1 48	12 39	0 21	23 39	0 11	8 36	7 45	22 47	22 36	18 35		n.a.
S 30	20 39	17 12	3 39	21 13	2 22	15 55	1 19	28 9	4 27	6 55	1 19	12 13	1 48	12 39	0 22	23 39	0 11	8 36	7 45	22 47	22 36	18 37		n.a.
M31	20 s26	13 s 8	4n25	21 s26	2n 9	15 s30	1 s17	28n 9	4n26	6 s56	1n19	12n14	1 s47	12 s40	0n22	23n39	0 s11	8 s36	7n45	22 s46	22 s36	18n38		n.a.

Julian Day Number = 1279835.5, Delta T = 08h09m12s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'45, Lahiri = -20°38'44 Julian Calendar 1 Jan. 1209 BCE == Greg. Calendar 21 Dec. 1210 BCE

The year -1208 astronomical counting style corresponds to year 1209 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1209 BCE
geocentric

FEBRUARY 1209 BCE (-1208) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 57 8	1♒14'27	25♒53	8♉ 9	23♒38	5°R18	20♎37	6♉32	3♏50	0°R56	13♏ 1	13°R 5	11♐52	14♉14	n.a.	T 1
W 2	8 1 5	2°14'14	9♓ 1	8°21	24°52	5♋ 2	20°40	6°34	3°51	0♋55	13° 1	12♐56	11°49	14°20	n.a.	W 2
T 3	8 5 1	3°13'59	21°49	8°37	26° 6	4°46	20°42	6°36	3°52	0°54	13° 2	12°48	11°46	14°27	n.a.	T 3
F 4	8 8 58	4°13'42	4♈17	9° 0	27°19	4°31	20°45	6°38	3°52	0°52	13° 3	12°42	11°42	14°34	n.a.	F 4
S 5	8 12 55	5°13'22	16°28	9°27	28°33	4°17	20°47	6°39	3°53	0°51	13° 4	12°38	11°39	14°40	n.a.	S 5
S 6	8 16 51	6°13'00	28°27	9°58	29°47	4° 3	20°49	6°42	3°54	0°50	13° 4	12°36	11°36	14°47	n.a.	S 6
M 7	8 20 48	7°12'35	10♉18	10°34	1♓ 1	3°50	20°51	6°44	3°55	0°48	13° 5	12°D36	11°33	14°54	n.a.	M 7
T 8	8 24 44	8°12'08	22° 7	11°14	2°15	3°38	20°53	6°46	3°55	0°47	13° 5	12°36	11°30	15° 0	n.a.	T 8
W 9	8 28 41	9°11'39	3♊58	11°58	3°28	3°27	20°54	6°48	3°56	0°46	13° 6	12°37	11°27	15° 7	n.a.	W 9
T 10	8 32 37	10°11'07	15°58	12°45	4°42	3°16	20°56	6°51	3°56	0°45	13° 6	12°R38	11°23	15°14	n.a.	T 10
F 11	8 36 34	11°10'33	28°10	13°36	5°55	3° 7	20°57	6°54	3°56	0°43	13° 7	12°36	11°20	15°20	n.a.	F 11
S 12	8 40 30	12° 9'57	10♋39	14°30	7° 9	2°58	20°58	6°56	3°57	0°42	13° 7	12°33	11°17	15°27	n.a.	S 12
S 13	8 44 27	13° 9'18	23°26	15°26	8°22	2°50	20°59	6°59	3°57	0°41	13° 8	12°27	11°14	15°34	n.a.	S 13
M14	8 48 23	14° 8'37	6♌33	16°26	9°36	2°42	21° 0	7° 2	3°57	0°40	13° 8	12°18	11°11	15°40	n.a.	M14
T 15	8 52 20	15° 7'53	19°58	17°28	10°49	2°36	21° 0	7° 5	3°58	0°39	13° 9	12° 8	11° 7	15°47	n.a.	T 15
W16	8 56 17	16° 7'07	3♍41	18°33	12° 3	2°30	21° 0	7° 8	3°58	0°38	13° 9	11°58	11° 4	15°54	n.a.	W16
T 17	9 0 13	17° 6'20	17°36	19°40	13°16	2°25	21°R 0	7°11	3°58	0°37	13° 9	11°47	11° 1	16° 0	n.a.	T 17
F 18	9 4 10	18° 5'30	1♎41	20°50	14°29	2°21	21° 0	7°15	3°R58	0°36	13° 9	11°38	10°58	16° 7	n.a.	F 18
S 19	9 8 6	19° 4'38	15°50	22° 1	15°42	2°17	21° 0	7°18	3°58	0°35	13°10	11°32	10°55	16°14	n.a.	S 19
S 20	9 12 3	20° 3'44	0♏ 0	23°15	16°56	2°15	21° 0	7°21	3°58	0°34	13°10	11°28	10°52	16°20	n.a.	S 20
M21	9 15 59	21° 2'49	14°10	24°31	18° 9	2°13	20°59	7°25	3°58	0°33	13°10	11°27	10°48	16°27	n.a.	M21
T 22	9 19 56	22° 1'52	28°17	25°49	19°22	2°11	20°58	7°29	3°58	0°32	13°10	11°D27	10°45	16°34	n.a.	T 22
W23	9 23 52	23° 0'52	12♐20	27° 8	20°35	2°D11	20°57	7°33	3°57	0°31	13°10	11°R27	10°42	16°40	n.a.	W23
T 24	9 27 49	23°59'51	26°19	28°29	21°48	2°11	20°56	7°36	3°57	0°30	13°10	11°26	10°39	16°47	n.a.	T 24
F 25	9 31 46	24°58'49	10♑12	29°53	23° 1	2°12	20°54	7°40	3°57	0°29	13°R10	11°23	10°36	16°54	n.a.	F 25
S 26	9 35 42	25°57'44	23°58	1♒17	24°14	2°14	20°53	7°45	3°56	0°28	13°10	11°18	10°33	17° 0	n.a.	S 26
S 27	9 39 39	26°56'37	7♒36	2°44	25°26	2°17	20°51	7°49	3°56	0°27	13°10	11° 9	10°29	17° 7	n.a.	S 27
M28	9 43 35	27°55'28	21° 1	4°12	26°39	2°20	20°49	7°53	3°55	0°27	13°10	10°58	10°26	17°14	n.a.	M28
T 29	9 47 32	28♒54'17	4♓13	5♒42	27♓52	2♋24	20♎47	7♉57	3♏55	0♋26	13♏10	10♐46	10♐23	17♉20	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s13	8s30	4n54	21s39	1n56	15s 3	1s16	28n 8	4n25	6s57	1n20	12n14	1s47	12s40	0n22	23n39	0s11	8s36	7n46	22s45	22s35	18n39		n.a.
W 2	19 59	3 35	5 7	21 52	1 43	14 37	1 14	28 8	4 23	6 58	1 20	12 15	1 47	12 40	0 22	23 39	0 11	8 37	7 46	22 44	22 35	18 40		n.a.
T 3	19 45	1n20	5 4	22 3	1 30	14 10	1 13	28 7	4 22	6 59	1 20	12 16	1 46	12 41	0 22	23 39	0 11	8 37	7 46	22 43	22 34	18 42		n.a.
F 4	19 31	6 6	4 46	22 15	1 17	13 43	1 11	28 6	4 20	7 0	1 20	12 17	1 46	12 41	0 22	23 39	0 11	8 37	7 46	22 42	22 34	18 43		n.a.
S 5	19 17	10 30	4 16	22 26	1 4	13 15	1 10	28 5	4 19	7 0	1 20	12 18	1 46	12 41	0 22	23 39	0 11	8 37	7 46	22 41	22 33	18 44		n.a.
S 6	19 2	14 26	3 35	22 36	0 52	12 48	1 8	28 4	4 17	7 1	1 20	12 19	1 46	12 41	0 22	23 39	0 11	8 37	7 46	22 41	22 33	18 46		n.a.
M 7	18 47	17 45	2 45	22 45	0 39	12 19	1 6	28 3	4 16	7 2	1 21	12 20	1 45	12 42	0 22	23 39	0 11	8 37	7 46	22 41	22 33	18 47		n.a.
T 8	18 31	20 20	1 48	22 54	0 27	11 51	1 4	28 1	4 14	7 2	1 21	12 21	1 45	12 42	0 22	23 39	0 11	8 37	7 47	22 41	22 32	18 48		n.a.
W 9	18 15	22 3	0 46	23 2	0 16	11 22	1 2	28 0	4 12	7 3	1 21	12 22	1 45	12 42	0 22	23 40	0 11	8 37	7 47	22 41	22 32	18 49		n.a.
T 10	17 59	22 47	0s18	23 8	0 5	10 53	1 1	27 58	4 11	7 3	1 21	12 23	1 45	12 42	0 22	23 40	0 11	8 37	7 47	22 41	22 31	18 51		n.a.
F 11	17 43	22 27	1 22	23 14	0s 6	10 24	0 59	27 57	4 9	7 3	1 21	12 24	1 44	12 42	0 22	23 40	0 11	8 37	7 47	22 41	22 31	18 52		n.a.
S 12	17 26	21 0	2 24	23 19	0 17	9 54	0 56	27 55	4 7	7 4	1 22	12 25	1 44	12 42	0 22	23 40	0 11	8 37	7 47	22 41	22 30	18 53		n.a.
S 13	17 9	18 29	3 20	23 22	0 27	9 24	0 54	27 54	4 5	7 4	1 22	12 26	1 44	12 42	0 22	23 40	0 11	8 37	7 47	22 40	22 30	18 54		n.a.
M14	16 52	14 58	4 7	23 25	0 37	8 54	0 52	27 52	4 3	7 4	1 22	12 28	1 43	12 42	0 22	23 40	0 11	8 37	7 48	22 39	22 29	18 55		n.a.
T 15	16 34	10 37	4 41	23 26	0 46	8 24	0 50	27 50	4 1	7 4	1 22	12 29	1 43	12 43	0 22	23 40	0 11	8 37	7 48	22 37	22 29	18 57		n.a.
W16	16 16	5 40	5 0	23 26	0 55	7 53	0 48	27 48	3 59	7 4	1 22	12 30	1 43	12 43	0 22	23 40	0 10	8 37	7 48	22 36	22 29	18 58		n.a.
T 17	15 58	0 22	5 2	23 25	1 3	7 23	0 45	27 46	3 57	7 4	1 22	12 31	1 43	12 43	0 22	23 40	0 10	8 37	7 48	22 35	22 28	18 59		n.a.
F 18	15 40	5s 1	4 45	23 22	1 11	6 52	0 43	27 44	3 55	7 3	1 23	12 33	1 42	12 43	0 22	23 40	0 10	8 36	7 48	22 33	22 28	19 0		n.a.
S 19	15 21	10 11	4 11	23 18	1 19	6 21	0 41	27 42	3 53	7 3	1 23	12 34	1 42	12 43	0 22	23 40	0 10	8 36	7 48	22 32	22 27	19 2		n.a.
S 20	15 2	14 48	3 22	23 13	1 26	5 50	0 38	27 40	3 51	7 3	1 23	12 36	1 42	12 43	0 22	23 40	0 10	8 36	7 49	22 32	22 27	19 3		n.a.
M21	14 43	18 34	2 20	23 6	1 33	5 18	0 36	27 38	3 49	7 2	1 23	12 37	1 42	12 42	0 22	23 40	0 10	8 36	7 49	22 32	22 26	19 4		n.a.
T 22	14 24	21 14	1 9	22 57	1 39	4 47	0 33	27 36	3 47	7 2	1 23	12 38	1 41	12 42	0 22	23 40	0 10	8 36	7 49	22 32	22 26	19 5		n.a.
W23	14 4	22 34	0n 5	22 48	1 45	4 15	0 30	27 34	3 45	7 1	1 23	12 40	1 41	12 42	0 22	23 40	0 10	8 36	7 49	22 32	22 25	19 6		n.a.
T 24	13 45	22 29	1 18	22 36	1 50	3 44	0 28	27 32	3 43	7 1	1 24	12 41	1 41	12 42	0 22	23 40	0 10	8 36	7 49	22 32	22 25	19 7		n.a.
F 25	13 25	21 0	2 26	22 23	1 55	3 12	0 25	27 30	3 41	7 0	1 24	12 43	1 41	12 42	0 22	23 40	0 10	8 36	7 49	22 31	22 24	19 9		n.a.
S 26	13 4	18 18	3 25	22 9	2 0	2 40	0 22	27 28	3 39	6 59	1 24	12 45	1 40	12 42	0 22	23 40	0 10	8 36	7 49	22 30	22 24	19 10		n.a.
S 27	12 44	14 38	4 12	21 53	2 4	2 8	0 20	27 26	3 37	6 58	1 24	12 46	1 40	12 42	0 22	23 40	0 10	8 35	7 50	22 29	22 24	19 11		n.a.
M28	12 24	10 16	4 43	21 35	2 7	1 37	0 17	27 24	3 35	6 58	1 24	12 48	1 40	12 42	0 22	23 40	0 10	8 35	7 50	22 28	22 23	19 12		n.a.
T 29	12s 3	5s29	4n59	21s16	2s10	1s 5	0s14	27n22	3n33	6s57	1n24	12n49	1s40	12s41	0n22	23n40	0s10	8s35	7n50	22s26	22s23	19n13		n.a.

Julian Day Number = 1279866.5, Delta T = 08h09m10s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'41, Lahiri = -20°38'40 Julian Calendar 1 Feb. 1209 BCE == Greg. Calendar 21 Jan. 1209 BCE

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ASTRODIENST EPHEMERIS for the year 1209 BCE
geocentric

MARCH 1209 BCE (-1208) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 51 28	29♒53'03	17♓ 9	7♒14	29♓ 5	2♋28	20°R44	8♉ 2	3°R54	0°R25	13°R10	10°R33	10♐20	17♉27	n.a.	W 1
T 2	9 55 25	0♓51'48	29°48	8°47	0♈17	2°34	20♎42	8° 6	3♏54	0♋25	13♏10	10♐21	10°17	17°34	n.a.	T 2
F 3	9 59 21	1°50'30	12♈12	10°21	1°30	2°40	20°39	8°11	3°53	0°24	13°10	10°11	10°13	17°40	n.a.	F 3
S 4	10 3 18	2°49'10	24°21	11°58	2°42	2°46	20°36	8°15	3°52	0°23	13° 9	10° 3	10°10	17°47	n.a.	S 4
S 5	10 7 14	3°47'48	6♉18	13°35	3°55	2°54	20°33	8°20	3°52	0°23	13° 9	9°58	10° 7	17°54	n.a.	S 5
M 6	10 11 11	4°46'23	18° 9	15°15	5° 7	3° 1	20°30	8°25	3°51	0°22	13° 9	9°55	10° 4	18° 0	n.a.	M 6
T 7	10 15 8	5°44'56	29°57	16°56	6°19	3°10	20°27	8°30	3°50	0°22	13° 8	9°54	10° 1	18° 7	n.a.	T 7
W 8	10 19 4	6°43'27	11♊48	18°39	7°32	3°19	20°23	8°35	3°49	0°21	13° 8	9°54	9°58	18°13	n.a.	W 8
T 9	10 23 1	7°41'56	23°48	20°23	8°44	3°29	20°19	8°40	3°48	0°21	13° 8	9°54	9°54	18°20	n.a.	T 9
F 10	10 26 57	8°40'22	6♋ 2	22° 8	9°56	3°39	20°15	8°45	3°47	0°20	13° 7	9°52	9°51	18°27	n.a.	F 10
S 11	10 30 54	9°38'46	18°34	23°56	11° 8	3°50	20°11	8°51	3°46	0°20	13° 7	9°48	9°48	18°33	n.a.	S 11
S 12	10 34 50	10°37'08	1♌29	25°45	12°20	4° 1	20° 7	8°56	3°45	0°20	13° 6	9°42	9°45	18°40	n.a.	S 12
M13	10 38 47	11°35'27	14°48	27°36	13°32	4°13	20° 3	9° 1	3°44	0°19	13° 6	9°32	9°42	18°47	n.a.	M13
T 14	10 42 43	12°33'45	28°31	29°28	14°44	4°26	19°58	9° 7	3°42	0°19	13° 5	9°21	9°38	18°53	n.a.	T 14
W15	10 46 40	13°32'00	12♍35	1♓22	15°55	4°39	19°54	9°12	3°41	0°19	13° 5	9°10	9°35	19° 0	n.a.	W15
T 16	10 50 36	14°30'14	26°56	3°17	17° 7	4°53	19°49	9°18	3°40	0°19	13° 4	8°58	9°32	19° 7	n.a.	T 16
F 17	10 54 33	15°28'25	11♎27	5°14	18°19	5° 7	19°44	9°24	3°39	0°18	13° 3	8°48	9°29	19°13	n.a.	F 17
S 18	10 58 30	16°26'35	26° 2	7°13	19°30	5°21	19°39	9°29	3°37	0°18	13° 3	8°41	9°26	19°20	n.a.	S 18
S 19	11 2 26	17°24'43	10♏33	9°13	20°42	5°36	19°33	9°35	3°36	0°18	13° 2	8°36	9°23	19°27	n.a.	S 19
M20	11 6 23	18°22'50	24°57	11°15	21°53	5°52	19°28	9°41	3°34	0°18	13° 1	8°34	9°19	19°33	n.a.	M20
T 21	11 10 19	19°20'55	9♐11	13°18	23° 5	6° 8	19°22	9°47	3°33	0°18	13° 1	8°D33	9°16	19°40	n.a.	T 21
W22	11 14 16	20°18'59	23°12	15°23	24°16	6°24	19°17	9°53	3°31	0°D18	13° 0	8°R34	9°13	19°47	n.a.	W22
T 23	11 18 12	21°17'01	7♑ 1	17°28	25°27	6°41	19°11	9°59	3°30	0°18	12°59	8°33	9°10	19°53	n.a.	T 23
F 24	11 22 9	22°15'02	20°39	19°35	26°38	6°59	19° 5	10° 5	3°28	0°18	12°58	8°30	9° 7	20° 0	n.a.	F 24
S 25	11 26 5	23°13'01	4♒ 4	21°43	27°49	7°16	18°59	10°11	3°26	0°18	12°57	8°25	9° 4	20° 7	n.a.	S 25
S 26	11 30 2	24°10'58	17°19	23°52	29° 0	7°35	18°52	10°18	3°25	0°18	12°57	8°17	9° 0	20°13	n.a.	S 26
M27	11 33 58	25° 8'54	0♓22	26° 1	0♉11	7°53	18°46	10°24	3°23	0°18	12°56	8° 6	8°57	20°20	n.a.	M27
T 28	11 37 55	26° 6'49	13°12	28°11	1°22	8°12	18°40	10°30	3°21	0°18	12°55	7°55	8°54	20°27	n.a.	T 28
W29	11 41 52	27° 4'42	25°50	0♈21	2°33	8°32	18°33	10°37	3°20	0°19	12°54	7°42	8°51	20°33	n.a.	W29
T 30	11 45 48	28° 2'33	8♈16	2°31	3°43	8°52	18°26	10°43	3°18	0°19	12°53	7°31	8°48	20°40	n.a.	T 30
F 31	11 49 45	29♓ 0'22	20♈29	4♈40	4♉54	9♋12	18♎20	10♉50	3♏16	0♋19	12♏52	7♐21	8♐44	20♉47	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11s42	0s35	4n59	20s55	2s13	0s33	0s11	27n20	3n31	6s56	1n25	12n51	1s39	12s41	0n22	23n40	0s10	8s35	7n50	22s24	22s22	19n14			n.a.
T 2	11 21	4n15	4 44	20 32	2 15	0 1	0 8	27 17	3 29	6 55	1 25	12 53	1 39	12 41	0 22	23 40	0 10	8 35	7 50	22 22	22 22	19 16			n.a.
F 3	11 0	8 49	4 16	20 7	2 17	0n31	0 5	27 15	3 27	6 53	1 25	12 55	1 39	12 41	0 22	23 40	0 10	8 34	7 50	22 21	22 21	19 17			n.a.
S 4	10 38	12 56	3 36	19 41	2 18	1 3	0 2	27 13	3 25	6 52	1 25	12 56	1 39	12 41	0 22	23 40	0 10	8 34	7 51	22 20	22 21	19 18			n.a.
S 5	10 17	16 29	2 48	19 13	2 18	1 35	0n 0	27 11	3 23	6 51	1 25	12 58	1 38	12 40	0 22	23 40	0 10	8 34	7 51	22 19	22 20	19 19			n.a.
M 6	9 55	19 19	1 53	18 44	2 18	2 7	0 3	27 9	3 21	6 49	1 25	13 0	1 38	12 40	0 22	23 40	0 10	8 34	7 51	22 18	22 20	19 20			n.a.
T 7	9 33	21 20	0 53	18 12	2 18	2 39	0 6	27 6	3 19	6 48	1 25	13 2	1 38	12 40	0 22	23 40	0 10	8 34	7 51	22 18	22 19	19 21			n.a.
W 8	9 11	22 25	0s10	17 39	2 17	3 11	0 10	27 4	3 17	6 47	1 25	13 3	1 38	12 39	0 22	23 40	0 10	8 33	7 51	22 18	22 19	19 22			n.a.
T 9	8 49	22 28	1 13	17 4	2 16	3 42	0 13	27 2	3 15	6 45	1 26	13 5	1 38	12 39	0 22	23 40	0 10	8 33	7 51	22 18	22 18	19 23			n.a.
F 10	8 27	21 28	2 14	16 28	2 14	4 14	0 16	27 0	3 13	6 43	1 26	13 7	1 37	12 39	0 22	23 40	0 10	8 33	7 51	22 18	22 18	19 25			n.a.
S 11	8 5	19 24	3 9	15 49	2 11	4 46	0 19	26 57	3 11	6 42	1 26	13 9	1 37	12 38	0 22	23 40	0 10	8 33	7 51	22 17	22 17	19 26			n.a.
S 12	7 42	16 18	3 57	15 9	2 8	5 17	0 22	26 55	3 9	6 40	1 26	13 11	1 37	12 38	0 22	23 40	0 10	8 32	7 52	22 16	22 17	19 27			n.a.
M13	7 20	12 19	4 33	14 27	2 4	5 48	0 25	26 53	3 7	6 38	1 26	13 13	1 37	12 37	0 22	23 40	0 10	8 32	7 52	22 15	22 16	19 28			n.a.
T 14	6 57	7 34	4 55	13 43	2 0	6 20	0 28	26 50	3 5	6 36	1 26	13 15	1 36	12 37	0 22	23 40	0 10	8 32	7 52	22 13	22 16	19 29			n.a.
W15	6 35	2 20	5 0	12 58	1 55	6 51	0 31	26 48	3 3	6 35	1 26	13 17	1 36	12 37	0 22	23 40	0 10	8 31	7 52	22 11	22 15	19 30			n.a.
T 16	6 12	3s 8	4 46	12 11	1 50	7 21	0 34	26 45	3 1	6 33	1 26	13 19	1 36	12 36	0 22	23 40	0 10	8 31	7 52	22 10	22 15	19 31			n.a.
F 17	5 49	8 29	4 14	11 22	1 44	7 52	0 37	26 43	2 59	6 31	1 26	13 21	1 36	12 36	0 22	23 40	0 10	8 31	7 52	22 8	22 14	19 32			n.a.
S 18	5 26	13 23	3 25	10 31	1 38	8 23	0 40	26 40	2 57	6 29	1 27	13 23	1 36	12 35	0 22	23 40	0 10	8 31	7 52	22 7	22 14	19 33			n.a.
S 19	5 3	17 29	2 22	9 39	1 31	8 53	0 44	26 38	2 55	6 26	1 27	13 25	1 35	12 35	0 22	23 40	0 10	8 30	7 53	22 6	22 14	19 34			n.a.
M20	4 40	20 29	1 11	8 45	1 24	9 23	0 47	26 35	2 53	6 24	1 27	13 27	1 35	12 34	0 22	23 40	0 10	8 30	7 53	22 6	22 13	19 35			n.a.
T 21	4 17	22 8	0n 3	7 50	1 16	9 53	0 50	26 33	2 51	6 22	1 27	13 29	1 35	12 34	0 22	23 40	0 10	8 30	7 53	22 6	22 13	19 36			n.a.
W22	3 54	22 23	1 17	6 54	1 8	10 23	0 53	26 30	2 50	6 20	1 27	13 31	1 35	12 33	0 22	23 40	0 10	8 29	7 53	22 6	22 12	19 37			n.a.
T 23	3 31	21 14	2 25	5 56	0 59	10 52	0 56	26 27	2 48	6 18	1 27	13 34	1 35	12 33	0 22	23 40	0 10	8 29	7 53	22 6	22 12	19 38			n.a.
F 24	3 7	18 52	3 23	4 57	0 50	11 21	0 59	26 25	2 46	6 15	1 27	13 36	1 34	12 32	0 22	23 40	0 10	8 29	7 53	22 5	22 11	19 40			n.a.
S 25	2 44	15 31	4 10	3 57	0 40	11 50	1 2	26 22	2 44	6 13	1 27	13 38	1 34	12 31	0 22	23 40	0 10	8 28	7 53	22 4	22 11	19 41			n.a.
S 26	2 21	11 26	4 42	2 56	0 30	12 19	1 5	26 19	2 42	6 10	1 27	13 40	1 34	12 31	0 22	23 40	0 10	8 28	7 53	22 3	22 10	19 42			n.a.
M27	1 58	6 52	4 59	1 55	0 20	12 47	1 8	26 16	2 41	6 8	1 27	13 42	1 34	12 30	0 22	23 40	0 10	8 28	7 53	22 1	22 10	19 43			n.a.
T 28	1 34	2 6	5 0	0 53	0 10	13 15	1 11	26 13	2 39	6 5	1 27	13 44	1 34	12 30	0 22	23 40	0 10	8 27	7 53	22 0	22 9	19 44			n.a.
W29	1 11	2n42	4 47	0n 9	0n 1	13 43	1 14	26 10	2 37	6 3	1 27	13 47	1 33	12 29	0 22	23 41	0 10	8 27	7 54	21 57	22 9	19 45			n.a.
T 30	0 47	7 18	4 20	1 12	0 12	14 10	1 17	26 7	2 35	6 0	1 27	13 49	1 33	12 28	0 22	23 41	0 10	8 26	7 54	21 56	22 8	19 46			n.a.
F 31	0s24	11n32	3n41	2n14	0n23	14n37	1n20	26n 4	2n34	5s58	1n27	13n51	1s33	12s28	0n22	23n41	0s10	8s26	7n54	21s54	22s 8	19n47			n.a.

Julian Day Number = 1279895.5, Delta T = 08h09m09s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'37, Lahiri = -20°38'36 Julian Calendar 1 March 1209 BCE == Greg. Calendar 19 Feb. 1209 BCE

The year -1208 astronomical counting style corresponds to year 1209 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1209 BCE
geocentric

APRIL 1209 BCE (-1208) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 53 41	29♓58'10	2♉31	6♈49	6♉ 4	9♋33	18°R13	10♉56	3°R14	0♋19	12°R51	7°R13	8♐41	20♉53	n.a.	S 1
S 2	11 57 38	0♈55'56	14°25	8°56	7°15	9°53	18♎ 6	11° 3	3♏12	0°20	12♏50	7♐ 8	8°38	21° 0	n.a.	S 2
M 3	12 1 34	1°53'40	26°14	11° 3	8°25	10°15	17°59	11°10	3°10	0°20	12°49	7° 6	8°35	21° 6	n.a.	M 3
T 4	12 5 31	2°51'23	8♊ 1	13° 7	9°35	10°37	17°52	11°17	3° 8	0°20	12°48	7°D 5	8°32	21°13	n.a.	T 4
W 5	12 9 27	3°49'04	19°51	15°10	10°46	10°59	17°45	11°23	3° 6	0°21	12°47	7° 6	8°29	21°20	n.a.	W 5
T 6	12 13 24	4°46'43	1♋50	17°11	11°56	11°21	17°38	11°30	3° 4	0°21	12°45	7°R 6	8°25	21°26	n.a.	T 6
F 7	12 17 21	5°44'21	14° 3	19°10	13° 6	11°44	17°30	11°37	3° 2	0°22	12°44	7° 6	8°22	21°33	n.a.	F 7
S 8	12 21 17	6°41'57	26°35	21° 6	14°15	12° 7	17°23	11°44	3° 0	0°22	12°43	7° 4	8°19	21°40	n.a.	S 8
S 9	12 25 14	7°39'31	9♌30	23° 0	15°25	12°30	17°16	11°51	2°58	0°23	12°42	7° 0	8°16	21°46	n.a.	S 9
M10	12 29 10	8°37'04	22°52	24°51	16°35	12°54	17° 8	11°58	2°56	0°24	12°41	6°54	8°13	21°53	n.a.	M10
T 11	12 33 7	9°34'34	6♍42	26°39	17°44	13°18	17° 1	12° 5	2°53	0°24	12°39	6°46	8° 9	22° 0	n.a.	T 11
W12	12 37 3	10°32'04	20°57	28°24	18°54	13°42	16°53	12°12	2°51	0°25	12°38	6°37	8° 6	22° 6	n.a.	W12
T 13	12 41 0	11°29'32	5♎34	0♉ 6	20° 3	14° 6	16°46	12°19	2°49	0°26	12°37	6°29	8° 3	22°13	n.a.	T 13
F 14	12 44 56	12°26'59	20°25	1°45	21°12	14°31	16°38	12°27	2°47	0°26	12°36	6°21	8° 0	22°20	n.a.	F 14
S 15	12 48 53	13°24'24	5♏22	3°21	22°21	14°56	16°30	12°34	2°44	0°27	12°34	6°16	7°57	22°26	n.a.	S 15
S 16	12 52 50	14°21'49	20°16	4°54	23°30	15°22	16°23	12°41	2°42	0°28	12°33	6°13	7°54	22°33	n.a.	S 16
M17	12 56 46	15°19'13	5♐ 1	6°24	24°39	15°47	16°15	12°48	2°40	0°29	12°32	6°D12	7°50	22°40	n.a.	M17
T 18	13 0 43	16°16'35	19°30	7°50	25°48	16°13	16° 8	12°56	2°38	0°29	12°30	6°12	7°47	22°46	n.a.	T 18
W19	13 4 39	17°13'57	3♑40	9°13	26°57	16°40	16° 0	13° 3	2°35	0°30	12°29	6°13	7°44	22°53	n.a.	W19
T 20	13 8 36	18°11'19	17°32	10°33	28° 5	17° 6	15°52	13°11	2°33	0°31	12°28	6°R14	7°41	23° 0	n.a.	T 20
F 21	13 12 32	19° 8'39	1♒ 4	11°49	29°14	17°33	15°45	13°18	2°31	0°32	12°26	6°13	7°38	23° 6	n.a.	F 21
S 22	13 16 29	20° 5'59	14°20	13° 2	0♊22	18° 0	15°37	13°25	2°28	0°33	12°25	6°11	7°35	23°13	n.a.	S 22
S 23	13 20 25	21° 3'18	27°19	14°12	1°30	18°27	15°29	13°33	2°26	0°34	12°23	6° 6	7°31	23°19	n.a.	S 23
M24	13 24 22	22° 0'36	10♓ 4	15°18	2°38	18°54	15°22	13°40	2°23	0°35	12°22	6° 0	7°28	23°26	n.a.	M24
T 25	13 28 19	22°57'53	22°37	16°20	3°46	19°22	15°14	13°48	2°21	0°36	12°20	5°53	7°25	23°33	n.a.	T 25
W26	13 32 15	23°55'10	4♈58	17°19	4°54	19°50	15° 7	13°56	2°18	0°37	12°19	5°45	7°22	23°39	n.a.	W26
T 27	13 36 12	24°52'26	17° 9	18°14	6° 1	20°18	14°59	14° 3	2°16	0°38	12°17	5°38	7°19	23°46	n.a.	T 27
F 28	13 40 8	25°49'41	29°11	19° 5	7° 9	20°46	14°52	14°11	2°14	0°39	12°16	5°32	7°15	23°53	n.a.	F 28
S 29	13 44 5	26°46'55	11♉ 6	19°53	8°16	21°15	14°45	14°19	2°11	0°41	12°15	5°28	7°12	23°59	n.a.	S 29
S 30	13 48 1	27♈44'09	22♉55	20♉36	9♊24	21♋44	14♎37	14♉26	2♏ 9	0♋42	12♏13	5♐25	7♐ 9	24♉ 6	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 1	15n15	2n53	3n15	0n33	15n 4	1n23	26n 1	2n32	5s55	1n27	13n53	1s33	12s27	0n22	23n41	0s10	8s26	7n54	21s53	22s 7	19n48		n.a.
S 2	0n23	18 18	1 58	4 16	0 44	15 30	1 26	25 58	2 30	5 52	1 27	13 56	1 33	12 26	0 22	23 41	0 10	8 25	7 54	21 52	22 7	19 49		n.a.
M 3	0 46	20 34	0 58	5 16	0 54	15 56	1 29	25 54	2 29	5 50	1 27	13 58	1 33	12 26	0 22	23 41	0 10	8 25	7 54	21 51	22 6	19 50		n.a.
T 4	1 9	21 56	0s 5	6 15	1 4	16 22	1 31	25 51	2 27	5 47	1 27	14 0	1 32	12 25	0 22	23 41	0 10	8 25	7 54	21 51	22 6	19 51		n.a.
W 5	1 33	22 19	1 8	7 12	1 14	16 47	1 34	25 47	2 25	5 44	1 27	14 2	1 32	12 24	0 22	23 41	0 10	8 24	7 54	21 51	22 5	19 52		n.a.
T 6	1 56	21 41	2 8	8 8	1 23	17 12	1 37	25 44	2 24	5 41	1 27	14 5	1 32	12 24	0 22	23 41	0 10	8 24	7 54	21 51	22 5	19 52		n.a.
F 7	2 19	20 1	3 4	9 3	1 32	17 36	1 40	25 40	2 22	5 39	1 27	14 7	1 32	12 23	0 22	23 41	0 10	8 23	7 54	21 51	22 4	19 53		n.a.
S 8	2 42	17 22	3 53	9 55	1 41	18 0	1 42	25 36	2 20	5 36	1 27	14 9	1 32	12 22	0 22	23 41	0 10	8 23	7 54	21 51	22 3	19 54		n.a.
S 9	3 5	13 48	4 32	10 45	1 48	18 24	1 45	25 33	2 19	5 33	1 27	14 12	1 32	12 21	0 22	23 41	0 10	8 23	7 54	21 50	22 3	19 55		n.a.
M10	3 28	9 27	4 57	11 34	1 56	18 47	1 47	25 29	2 17	5 30	1 27	14 14	1 31	12 21	0 22	23 41	0 10	8 22	7 54	21 49	22 2	19 56		n.a.
T 11	3 51	4 29	5 6	12 20	2 2	19 9	1 50	25 25	2 16	5 27	1 27	14 16	1 31	12 20	0 22	23 41	0 9	8 22	7 54	21 48	22 2	19 57		n.a.
W12	4 14	0s53	4 56	13 4	2 8	19 32	1 52	25 21	2 14	5 24	1 27	14 19	1 31	12 19	0 22	23 41	0 9	8 21	7 54	21 46	22 1	19 58		n.a.
T 13	4 37	6 20	4 28	13 46	2 13	19 53	1 55	25 16	2 13	5 21	1 27	14 21	1 31	12 18	0 22	23 41	0 9	8 21	7 55	21 45	22 1	19 59		n.a.
F 14	5 0	11 30	3 41	14 26	2 18	20 14	1 57	25 12	2 11	5 19	1 27	14 23	1 31	12 18	0 22	23 41	0 9	8 20	7 55	21 44	22 0	20 0		n.a.
S 15	5 23	16 0	2 38	15 3	2 21	20 35	1 59	25 8	2 10	5 16	1 27	14 26	1 31	12 17	0 22	23 41	0 9	8 20	7 55	21 43	22 0	20 1		n.a.
S 16	5 45	19 28	1 25	15 38	2 24	20 55	2 1	25 3	2 8	5 13	1 27	14 28	1 30	12 16	0 22	23 41	0 9	8 20	7 55	21 42	21 59	20 2		n.a.
M17	6 8	21 36	0 6	16 10	2 27	21 15	2 4	24 59	2 7	5 10	1 27	14 30	1 30	12 15	0 22	23 41	0 9	8 19	7 55	21 42	21 59	20 3		n.a.
T 18	6 30	22 14	1n11	16 41	2 28	21 34	2 6	24 54	2 5	5 7	1 27	14 33	1 30	12 15	0 22	23 41	0 9	8 19	7 55	21 42	21 58	20 4		n.a.
W19	6 53	21 24	2 23	17 9	2 29	21 52	2 8	24 49	2 4	5 4	1 27	14 35	1 30	12 14	0 22	23 41	0 9	8 18	7 55	21 42	21 58	20 5		n.a.
T 20	7 15	19 17	3 24	17 35	2 28	22 10	2 10	24 45	2 2	5 1	1 26	14 38	1 30	12 13	0 22	23 41	0 9	8 18	7 55	21 42	21 57	20 6		n.a.
F 21	7 37	16 8	4 13	17 58	2 27	22 27	2 11	24 40	2 1	4 58	1 26	14 40	1 30	12 12	0 22	23 41	0 9	8 17	7 55	21 42	21 57	20 6		n.a.
S 22	7 59	12 14	4 47	18 19	2 26	22 44	2 13	24 35	1 59	4 55	1 26	14 42	1 30	12 11	0 22	23 41	0 9	8 17	7 55	21 42	21 56	20 7		n.a.
S 23	8 21	7 50	5 5	18 38	2 23	23 0	2 15	24 29	1 58	4 53	1 26	14 45	1 29	12 10	0 22	23 41	0 9	8 17	7 55	21 41	21 56	20 8		n.a.
M24	8 43	3 10	5 8	18 55	2 20	23 16	2 17	24 24	1 57	4 50	1 26	14 47	1 29	12 10	0 22	23 41	0 9	8 16	7 55	21 40	21 55	20 9		n.a.
T 25	9 4	1n32	4 56	19 9	2 15	23 31	2 18	24 19	1 55	4 47	1 26	14 50	1 29	12 9	0 22	23 41	0 9	8 16	7 55	21 39	21 55	20 10		n.a.
W26	9 26	6 7	4 30	19 22	2 10	23 45	2 20	24 13	1 54	4 44	1 26	14 52	1 29	12 8	0 22	23 41	0 9	8 15	7 55	21 37	21 54	20 11		n.a.
T 27	9 47	10 24	3 52	19 32	2 4	23 59	2 21	24 8	1 52	4 41	1 26	14 54	1 29	12 7	0 22	23 41	0 9	8 15	7 55	21 36	21 54	20 12		n.a.
F 28	10 8	14 14	3 4	19 40	1 57	24 12	2 22	24 2	1 51	4 39	1 25	14 57	1 29	12 6	0 22	23 41	0 9	8 15	7 55	21 35	21 53	20 13		n.a.
S 29	10 30	17 26	2 9	19 46	1 50	24 24	2 23	23 56	1 50	4 36	1 25	14 59	1 29	12 5	0 22	23 41	0 9	8 14	7 55	21 34	21 52	20 13		n.a.
S 30	10n50	19n54	1n 8	19n49	1n41	24n36	2n24	23n50	1n48	4s33	1n25	15n 2	1s29	12s 4	0n22	23n41	0s 9	8s14	7n55	21s34	21s52	20n14		n.a.

Julian Day Number = 1279926.5, Delta T = 08h09m07s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'32, Lahiri = -20°38'32 Julian Calendar 1 Apr. 1209 BCE == Greg. Calendar 21 March 1209 BCE

The year -1208 astronomical counting style corresponds to year 1209 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1209 BCE
geocentric

MAY 1209 BCE (-1208) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 51 58	28♈41'21	4♊42	21♉16	10♊31	22♋13	14°R30	14♉34	2°R 6	0♋43	12°R11	5°D24	7♐ 6	24♉13	n.a.	M 1
T 2	13 55 54	29°38'33	16°29	21°51	11°38	22°42	14♎23	14°42	2♏ 4	0°44	12♏10	5♐25	7° 3	24°19	n.a.	T 2
W 3	13 59 51	0♉35'44	28°20	22°22	12°44	23°11	14°16	14°49	2° 1	0°46	12° 8	5°26	7° 0	24°26	n.a.	W 3
T 4	14 3 48	1°32'54	10♋19	22°48	13°51	23°41	14° 9	14°57	1°59	0°47	12° 7	5°28	6°56	24°33	n.a.	T 4
F 5	14 7 44	2°30'04	22°32	23°11	14°57	24°11	14° 2	15° 5	1°56	0°48	12° 5	5°29	6°53	24°39	n.a.	F 5
S 6	14 11 41	3°27'12	5♌ 2	23°28	16° 4	24°41	13°55	15°13	1°54	0°50	12° 4	5°R30	6°50	24°46	n.a.	S 6
S 7	14 15 37	4°24'20	17°55	23°42	17°10	25°11	13°48	15°21	1°51	0°51	12° 2	5°29	6°47	24°53	n.a.	S 7
M 8	14 19 34	5°21'27	1♍13	23°50	18°16	25°41	13°42	15°28	1°49	0°52	12° 1	5°27	6°44	24°59	n.a.	M 8
T 9	14 23 30	6°18'33	14°59	23°R54	19°22	26°12	13°35	15°36	1°47	0°54	11°59	5°24	6°41	25° 6	n.a.	T 9
W10	14 27 27	7°15'38	29°13	23°54	20°27	26°43	13°29	15°44	1°44	0°55	11°58	5°20	6°37	25°13	n.a.	W10
T 11	14 31 23	8°12'43	13♎52	23°49	21°32	27°13	13°22	15°52	1°42	0°57	11°56	5°16	6°34	25°19	n.a.	T 11
F 12	14 35 20	9° 9'47	28°50	23°39	22°38	27°45	13°16	16° 0	1°39	0°58	11°54	5°13	6°31	25°26	n.a.	F 12
S 13	14 39 17	10° 6'51	13♏58	23°26	23°43	28°16	13°10	16° 8	1°37	1° 0	11°53	5°11	6°28	25°32	n.a.	S 13
S 14	14 43 13	11° 3'55	29° 8	23° 8	24°47	28°47	13° 4	16°15	1°34	1° 1	11°51	5°D10	6°25	25°39	n.a.	S 14
M15	14 47 10	12° 0'59	14♐10	22°47	25°52	29°19	12°58	16°23	1°32	1° 3	11°50	5°10	6°21	25°46	n.a.	M15
T 16	14 51 6	12°58'02	28°56	22°22	26°56	29°51	12°52	16°31	1°30	1° 4	11°48	5°11	6°18	25°52	n.a.	T 16
W17	14 55 3	13°55'06	13♑21	21°54	28° 0	0♌23	12°46	16°39	1°27	1° 6	11°47	5°12	6°15	25°59	n.a.	W17
T 18	14 58 59	14°52'10	27°23	21°24	29° 4	0°55	12°41	16°47	1°25	1° 8	11°45	5°13	6°12	26° 6	n.a.	T 18
F 19	15 2 56	15°49'13	11♒ 0	20°51	0♋ 8	1°27	12°36	16°55	1°22	1° 9	11°43	5°R14	6° 9	26°12	n.a.	F 19
S 20	15 6 53	16°46'17	24°14	20°17	1°11	1°59	12°30	17° 3	1°20	1°11	11°42	5°14	6° 6	26°19	n.a.	S 20
S 21	15 10 49	17°43'22	7♓ 7	19°41	2°14	2°32	12°25	17°11	1°18	1°13	11°40	5°13	6° 2	26°26	n.a.	S 21
M22	15 14 46	18°40'26	19°43	19° 5	3°17	3° 5	12°20	17°19	1°15	1°14	11°39	5°11	5°59	26°32	n.a.	M22
T 23	15 18 42	19°37'31	2♈ 4	18°30	4°20	3°38	12°16	17°26	1°13	1°16	11°37	5° 9	5°56	26°39	n.a.	T 23
W24	15 22 39	20°34'36	14°13	17°55	5°22	4°11	12°11	17°34	1°11	1°18	11°36	5° 7	5°53	26°46	n.a.	W24
T 25	15 26 35	21°31'41	26°13	17°21	6°25	4°44	12° 6	17°42	1° 9	1°20	11°34	5° 5	5°50	26°52	n.a.	T 25
F 26	15 30 32	22°28'46	8♉ 6	16°49	7°26	5°17	12° 2	17°50	1° 6	1°22	11°33	5° 3	5°46	26°59	n.a.	F 26
S 27	15 34 28	23°25'52	19°55	16°20	8°28	5°51	11°58	17°58	1° 4	1°23	11°31	5° 2	5°43	27° 6	n.a.	S 27
S 28	15 38 25	24°22'58	1♊42	15°54	9°29	6°24	11°54	18° 6	1° 2	1°25	11°30	5°D 2	5°40	27°12	n.a.	S 28
M29	15 42 22	25°20'04	13°29	15°31	10°30	6°58	11°50	18°14	1° 0	1°27	11°28	5° 2	5°37	27°19	n.a.	M29
T 30	15 46 18	26°17'10	25°19	15°12	11°31	7°32	11°46	18°22	0°58	1°29	11°27	5° 2	5°34	27°25	n.a.	T 30
W31	15 50 15	27♉14'17	7♋15	14♉58	12♋31	8♌ 6	11♎43	18♉30	0♏55	1♋31	11♏25	5♐ 3	5♐31	27♉32	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n11	21n30	0n 4	19n51	1n32	24n48	2n25	23n44	1n47	4s30	1n25	15n 4	1s29	12s 4	0n22	23n41	0s 9	8s13	7n54	21s34	21s51	20n15			n.a.
T 2	11 32	22 8	1s 0	19 51	1 22	24 58	2 26	23 38	1 46	4 28	1 25	15 6	1 28	12 3	0 22	23 41	0 9	8 13	7 54	21 34	21 51	20 16			n.a.
W 3	11 52	21 47	2 2	19 48	1 11	25 8	2 27	23 31	1 44	4 25	1 25	15 9	1 28	12 2	0 22	23 41	0 9	8 12	7 54	21 34	21 50	20 17			n.a.
T 4	12 12	20 27	3 0	19 44	0 59	25 17	2 28	23 25	1 43	4 22	1 24	15 11	1 28	12 1	0 22	23 41	0 9	8 12	7 54	21 34	21 50	20 18			n.a.
F 5	12 32	18 8	3 50	19 38	0 47	25 26	2 28	23 18	1 42	4 20	1 24	15 14	1 28	12 0	0 22	23 41	0 9	8 12	7 54	21 34	21 49	20 18			n.a.
S 6	12 52	14 57	4 31	19 30	0 34	25 34	2 29	23 11	1 40	4 17	1 24	15 16	1 28	11 59	0 22	23 41	0 9	8 11	7 54	21 35	21 49	20 19			n.a.
S 7	13 12	10 58	4 59	19 20	0 20	25 41	2 29	23 5	1 39	4 15	1 24	15 18	1 28	11 59	0 22	23 41	0 9	8 11	7 54	21 34	21 48	20 20			n.a.
M 8	13 31	6 21	5 13	19 8	0 6	25 48	2 30	22 58	1 38	4 13	1 24	15 21	1 28	11 58	0 22	23 41	0 9	8 10	7 54	21 34	21 48	20 21			n.a.
T 9	13 51	1 16	5 9	18 55	0s 9	25 53	2 30	22 50	1 36	4 10	1 23	15 23	1 28	11 57	0 22	23 41	0 9	8 10	7 54	21 33	21 47	20 22			n.a.
W10	14 10	4s 4	4 47	18 40	0 25	25 59	2 30	22 43	1 35	4 8	1 23	15 26	1 28	11 56	0 22	23 41	0 9	8 10	7 54	21 33	21 47	20 22			n.a.
T 11	14 29	9 19	4 6	18 23	0 41	26 3	2 30	22 36	1 34	4 5	1 23	15 28	1 28	11 55	0 22	23 41	0 9	8 9	7 54	21 32	21 46	20 23			n.a.
F 12	14 47	14 8	3 7	18 5	0 57	26 7	2 30	22 28	1 33	4 3	1 23	15 30	1 27	11 54	0 22	23 41	0 9	8 9	7 54	21 32	21 45	20 24			n.a.
S 13	15 6	18 6	1 54	17 46	1 13	26 10	2 29	22 21	1 31	4 1	1 23	15 33	1 27	11 53	0 22	23 41	0 9	8 8	7 54	21 31	21 45	20 25			n.a.
S 14	15 24	20 50	0 33	17 25	1 30	26 13	2 29	22 13	1 30	3 59	1 22	15 35	1 27	11 53	0 22	23 41	0 9	8 8	7 54	21 31	21 44	20 26			n.a.
M15	15 42	22 4	0n49	17 4	1 46	26 14	2 28	22 5	1 29	3 57	1 22	15 37	1 27	11 52	0 22	23 41	0 9	8 8	7 54	21 31	21 44	20 26			n.a.
T 16	15 59	21 42	2 7	16 42	2 2	26 16	2 28	21 57	1 28	3 55	1 22	15 40	1 27	11 51	0 22	23 41	0 9	8 7	7 53	21 31	21 43	20 27			n.a.
W17	16 17	19 55	3 16	16 19	2 18	26 16	2 27	21 49	1 27	3 53	1 22	15 42	1 27	11 50	0 22	23 41	0 9	8 7	7 53	21 31	21 43	20 28			n.a.
T 18	16 34	16 57	4 10	15 56	2 34	26 16	2 26	21 41	1 25	3 51	1 21	15 45	1 27	11 49	0 22	23 41	0 9	8 7	7 53	21 32	21 42	20 29			n.a.
F 19	16 51	13 8	4 48	15 33	2 49	26 15	2 25	21 32	1 24	3 49	1 21	15 47	1 27	11 48	0 22	23 41	0 9	8 6	7 53	21 32	21 42	20 29			n.a.
S 20	17 8	8 47	5 10	15 10	3 3	26 14	2 24	21 24	1 23	3 47	1 21	15 49	1 27	11 48	0 22	23 41	0 9	8 6	7 53	21 32	21 41	20 30			n.a.
S 21	17 24	4 9	5 16	14 48	3 16	26 11	2 22	21 15	1 22	3 45	1 21	15 52	1 27	11 47	0 22	23 41	0 9	8 6	7 53	21 31	21 40	20 31			n.a.
M22	17 40	0n33	5 6	14 27	3 28	26 9	2 21	21 6	1 21	3 43	1 20	15 54	1 27	11 46	0 22	23 41	0 9	8 5	7 53	21 31	21 40	20 32			n.a.
T 23	17 56	5 8	4 42	14 6	3 39	26 5	2 19	20 57	1 20	3 42	1 20	15 56	1 27	11 45	0 22	23 41	0 9	8 5	7 53	21 31	21 39	20 32			n.a.
W24	18 11	9 27	4 6	13 47	3 49	26 1	2 18	20 48	1 18	3 40	1 20	15 58	1 26	11 44	0 22	23 41	0 9	8 4	7 52	21 30	21 39	20 33			n.a.
T 25	18 27	13 22	3 19	13 30	3 58	25 56	2 16	20 39	1 17	3 39	1 20	16 1	1 26	11 44	0 22	23 41	0 9	8 4	7 52	21 30	21 38	20 34			n.a.
F 26	18 42	16 42	2 24	13 14	4 5	25 51	2 14	20 29	1 16	3 37	1 19	16 3	1 26	11 43	0 22	23 41	0 9	8 4	7 52	21 30	21 38	20 34			n.a.
S 27	18 56	19 20	1 23	13 0	4 10	25 45	2 11	20 20	1 15	3 36	1 19	16 5	1 26	11 42	0 22	23 41	0 9	8 4	7 52	21 30	21 37	20 35			n.a.
S 28	19 11	21 9	0 18	12 49	4 14	25 38	2 9	20 10	1 14	3 34	1 19	16 8	1 26	11 41	0 22	23 41	0 9	8 3	7 52	21 29	21 36	20 36			n.a.
M29	19 25	22 1	0s47	12 40	4 17	25 31	2 7	20 0	1 13	3 33	1 18	16 10	1 26	11 41	0 22	23 41	0 9	8 3	7 52	21 30	21 36	20 37			n.a.
T 30	19 39	21 55	1 50	12 33	4 18	25 23	2 4	19 51	1 11	3 32	1 18	16 12	1 26	11 40	0 22	23 41	0 9	8 3	7 51	21 30	21 35	20 37			n.a.
W31	19n52	20n49	2s50	12n29	4s18	25n15	2n 1	19n40	1n10	3s31	1n18	16n14	1s26	11s39	0n22	23n41	0s 9	8s 2	7n51	21s30	21s35	20n38			n.a.

Julian Day Number = 1279956.5, Delta T = 08h09m05s
Ecliptic obliquity = 23°50'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'28, Lahiri = -20°38'28 Julian Calendar 1 May 1209 BCE == Greg. Calendar 20 Apr. 1209 BCE

The year -1208 astronomical counting style corresponds to year 1209 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1209 BCE
geocentric

JUNE 1209 BCE (-1208) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 54 11	28♉11'23	19♋19	14°R48	13♋31	8♌40	11°R40	18♉37	0°R53	1♋33	11°R24	5♐ 4	5♐27	27♉39	n.a.	T 1
F 2	15 58 8	29° 8'30	1♌36	14♉43	14°31	9°15	11♎36	18°45	0♏51	1°35	11♏22	5° 4	5°24	27°45	n.a.	F 2
S 3	16 2 4	0♊ 5'37	14° 7	14°D43	15°30	9°49	11°33	18°53	0°49	1°37	11°21	5° 5	5°21	27°52	n.a.	S 3
S 4	16 6 1	1° 2'44	26°59	14°48	16°29	10°24	11°31	19° 1	0°47	1°39	11°19	5°R 5	5°18	27°59	n.a.	S 4
M 5	16 9 58	1°59'51	10♍12	14°58	17°28	10°59	11°28	19° 9	0°45	1°41	11°18	5° 5	5°15	28° 5	n.a.	M 5
T 6	16 13 54	2°56'58	23°51	15°14	18°26	11°33	11°25	19°16	0°43	1°43	11°16	5° 5	5°12	28°12	n.a.	T 6
W 7	16 17 51	3°54'06	7♎55	15°35	19°24	12° 8	11°23	19°24	0°41	1°45	11°15	5° 5	5° 8	28°19	n.a.	W 7
T 8	16 21 47	4°51'13	22°24	16° 1	20°21	12°44	11°21	19°32	0°39	1°47	11°13	5°D 5	5° 5	28°25	n.a.	T 8
F 9	16 25 44	5°48'22	7♏14	16°33	21°18	13°19	11°19	19°39	0°38	1°49	11°12	5° 5	5° 2	28°32	n.a.	F 9
S 10	16 29 40	6°45'31	22°18	17°11	22°14	13°54	11°17	19°47	0°36	1°51	11°11	5° 5	4°59	28°39	n.a.	S 10
S 11	16 33 37	7°42'40	7♐30	17°54	23°10	14°30	11°16	19°55	0°34	1°53	11° 9	5°R 5	4°56	28°45	n.a.	S 11
M12	16 37 33	8°39'50	22°38	18°42	24° 6	15° 5	11°14	20° 2	0°32	1°55	11° 8	5° 5	4°52	28°52	n.a.	M12
T 13	16 41 30	9°37'01	7♑34	19°35	25° 1	15°41	11°13	20°10	0°30	1°57	11° 7	5° 4	4°49	28°59	n.a.	T 13
W14	16 45 27	10°34'13	22°11	20°34	25°55	16°17	11°12	20°18	0°29	1°59	11° 5	5° 4	4°46	29° 5	n.a.	W14
T 15	16 49 23	11°31'26	6♒24	21°38	26°49	16°53	11°11	20°25	0°27	2° 1	11° 4	5° 3	4°43	29°12	n.a.	T 15
F 16	16 53 20	12°28'39	20°10	22°47	27°42	17°29	11°11	20°33	0°25	2° 3	11° 3	5° 3	4°40	29°18	n.a.	F 16
S 17	16 57 16	13°25'54	3♓29	24° 1	28°35	18° 5	11°10	20°40	0°24	2° 5	11° 1	5° 2	4°37	29°25	n.a.	S 17
S 18	17 1 13	14°23'10	16°23	25°20	29°27	18°41	11°10	20°48	0°22	2° 7	11° 0	5°D 2	4°33	29°32	n.a.	S 18
M19	17 5 9	15°20'28	28°56	26°43	0♌19	19°18	11°D10	20°55	0°21	2°10	10°59	5° 2	4°30	29°38	n.a.	M19
T 20	17 9 6	16°17'46	11♈12	28°11	1°10	19°54	11°10	21° 3	0°19	2°12	10°58	5° 3	4°27	29°45	n.a.	T 20
W21	17 13 2	17°15'06	23°15	29°44	2° 0	20°31	11°10	21°10	0°18	2°14	10°57	5° 4	4°24	29°52	n.a.	W21
T 22	17 16 59	18°12'27	5♉ 9	1♊20	2°50	21° 8	11°10	21°17	0°17	2°16	10°55	5° 5	4°21	29°58	n.a.	T 22
F 23	17 20 56	19° 9'49	16°57	3° 1	3°39	21°45	11°11	21°25	0°15	2°18	10°54	5° 6	4°18	0♊ 5	n.a.	F 23
S 24	17 24 52	20° 7'12	28°44	4°45	4°27	22°22	11°12	21°32	0°14	2°20	10°53	5° 7	4°14	0°12	n.a.	S 24
S 25	17 28 49	21° 4'37	10♊32	6°33	5°14	22°59	11°13	21°39	0°13	2°23	10°52	5°R 7	4°11	0°18	n.a.	S 25
M26	17 32 45	22° 2'03	22°23	8°23	6° 1	23°36	11°14	21°47	0°11	2°25	10°51	5° 6	4° 8	0°25	n.a.	M26
T 27	17 36 42	22°59'30	4♋21	10°17	6°47	24°13	11°15	21°54	0°10	2°27	10°50	5° 5	4° 5	0°32	n.a.	T 27
W28	17 40 38	23°56'58	16°26	12°13	7°32	24°51	11°17	22° 1	0° 9	2°29	10°49	5° 2	4° 2	0°38	n.a.	W28
T 29	17 44 35	24°54'27	28°41	14°11	8°16	25°28	11°19	22° 8	0° 8	2°31	10°48	4°59	3°58	0°45	n.a.	T 29
F 30	17 48 32	25♊51'57	11♌ 8	16♊11	8♌59	26♌ 6	11♎21	22♉15	0♏ 7	2♋34	10♏47	4♐56	3♐55	0♊52	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 5	18n45	3s42	12n28	4s16	25n 6	1n58	19n30	1n 9	3s30	1n18	16n17	1s26	11s38	0n22	23n41	0s 9	8s 2	7n51	21s30	21s34	20n39		n.a.
F 2	20 18	15 49	4 25	12 29	4 14	24 56	1 55	19 20	1 8	3 29	1 17	16 19	1 26	11 38	0 21	23 41	0 9	8 2	7 51	21 30	21 34	20 39		n.a.
S 3	20 30	12 8	4 57	12 33	4 9	24 46	1 52	19 10	1 7	3 28	1 17	16 21	1 26	11 37	0 21	23 41	0 9	8 1	7 51	21 30	21 33	20 40		n.a.
S 4	20 43	7 48	5 15	12 39	4 4	24 36	1 49	18 59	1 6	3 27	1 17	16 23	1 26	11 36	0 21	23 41	0 9	8 1	7 51	21 30	21 32	20 41		n.a.
M 5	20 54	2 59	5 17	12 49	3 58	24 25	1 45	18 48	1 5	3 26	1 16	16 25	1 26	11 36	0 21	23 41	0 9	8 1	7 50	21 30	21 32	20 41		n.a.
T 6	21 6	2s 7	5 1	13 0	3 50	24 13	1 41	18 37	1 4	3 26	1 16	16 28	1 26	11 35	0 21	23 41	0 9	8 1	7 50	21 30	21 31	20 42		n.a.
W 7	21 17	7 16	4 27	13 14	3 42	24 1	1 37	18 26	1 3	3 25	1 16	16 30	1 26	11 34	0 21	23 41	0 9	8 0	7 50	21 30	21 31	20 43		n.a.
T 8	21 28	12 11	3 36	13 31	3 33	23 48	1 33	18 15	1 2	3 24	1 16	16 32	1 26	11 34	0 21	23 41	0 9	8 0	7 50	21 30	21 30	20 43		n.a.
F 9	21 38	16 29	2 29	13 50	3 23	23 35	1 29	18 4	1 1	3 24	1 15	16 34	1 26	11 33	0 21	23 41	0 9	8 0	7 50	21 30	21 30	20 44		n.a.
S 10	21 48	19 47	1 10	14 11	3 12	23 21	1 25	17 53	0 59	3 23	1 15	16 36	1 26	11 32	0 21	23 41	0 9	8 0	7 49	21 30	21 29	20 45		n.a.
S 11	21 58	21 42	0n13	14 34	3 1	23 7	1 20	17 41	0 58	3 23	1 15	16 38	1 26	11 32	0 21	23 41	0 8	8 0	7 49	21 30	21 28	20 45		n.a.
M12	22 7	22 2	1 36	14 58	2 49	22 53	1 15	17 29	0 57	3 23	1 14	16 40	1 26	11 31	0 21	23 41	0 8	7 59	7 49	21 30	21 28	20 46		n.a.
T 13	22 16	20 46	2 51	15 25	2 36	22 38	1 10	17 18	0 56	3 23	1 14	16 42	1 26	11 30	0 21	23 41	0 8	7 59	7 49	21 30	21 27	20 46		n.a.
W14	22 24	18 8	3 53	15 53	2 24	22 23	1 5	17 6	0 55	3 22	1 14	16 45	1 26	11 30	0 21	23 41	0 8	7 59	7 48	21 30	21 27	20 47		n.a.
T 15	22 32	14 29	4 39	16 22	2 11	22 7	1 0	16 54	0 54	3 22	1 13	16 47	1 26	11 29	0 21	23 41	0 8	7 59	7 48	21 30	21 26	20 48		n.a.
F 16	22 40	10 9	5 7	16 53	1 57	21 51	0 54	16 42	0 53	3 22	1 13	16 49	1 25	11 29	0 21	23 41	0 8	7 59	7 48	21 30	21 25	20 48		n.a.
S 17	22 47	5 28	5 18	17 25	1 44	21 35	0 49	16 29	0 52	3 23	1 13	16 51	1 25	11 28	0 21	23 41	0 8	7 59	7 48	21 30	21 25	20 49		n.a.
S 18	22 54	0 41	5 11	17 57	1 30	21 18	0 43	16 17	0 51	3 23	1 13	16 53	1 25	11 28	0 21	23 41	0 8	7 58	7 47	21 30	21 24	20 50		n.a.
M19	23 1	4n 0	4 51	18 30	1 17	21 1	0 37	16 4	0 50	3 23	1 12	16 55	1 25	11 27	0 21	23 41	0 8	7 58	7 47	21 30	21 24	20 50		n.a.
T 20	23 7	8 26	4 17	19 4	1 3	20 43	0 30	15 52	0 49	3 23	1 12	16 57	1 25	11 27	0 21	23 41	0 8	7 58	7 47	21 30	21 23	20 51		n.a.
W21	23 13	12 27	3 32	19 37	0 50	20 26	0 24	15 39	0 48	3 24	1 12	16 59	1 25	11 26	0 21	23 41	0 8	7 58	7 47	21 30	21 22	20 51		n.a.
T 22	23 18	15 56	2 39	20 11	0 36	20 8	0 17	15 26	0 47	3 24	1 11	17 1	1 25	11 26	0 21	23 41	0 8	7 58	7 46	21 30	21 22	20 52		n.a.
F 23	23 23	18 45	1 39	20 44	0 23	19 50	0 10	15 13	0 46	3 25	1 11	17 3	1 25	11 25	0 21	23 41	0 8	7 58	7 46	21 30	21 21	20 52		n.a.
S 24	23 28	20 47	0 35	21 16	0 11	19 31	0 3	15 0	0 45	3 25	1 11	17 4	1 25	11 25	0 21	23 41	0 8	7 58	7 46	21 30	21 21	20 53		n.a.
S 25	23 32	21 54	0s30	21 47	0n 2	19 13	0s 4	14 46	0 44	3 26	1 10	17 6	1 25	11 24	0 21	23 41	0 8	7 58	7 46	21 30	21 20	20 54		n.a.
M26	23 36	22 3	1 34	22 17	0 13	18 54	0 11	14 33	0 43	3 27	1 10	17 8	1 25	11 24	0 21	23 41	0 8	7 58	7 45	21 30	21 19	20 54		n.a.
T 27	23 39	21 11	2 35	22 46	0 25	18 35	0 19	14 20	0 42	3 27	1 10	17 10	1 25	11 24	0 21	23 41	0 8	7 57	7 45	21 30	21 19	20 55		n.a.
W28	23 42	19 21	3 29	23 13	0 35	18 15	0 27	14 6	0 41	3 28	1 10	17 12	1 25	11 23	0 21	23 41	0 8	7 57	7 45	21 30	21 18	20 55		n.a.
T 29	23 44	16 37	4 14	23 38	0 45	17 56	0 35	13 52	0 40	3 29	1 9	17 14	1 25	11 23	0 21	23 41	0 8	7 57	7 45	21 29	21 18	20 56		n.a.
F 30	23n46	13n 6	4s48	24n 1	0n55	17n37	0s43	13n38	0n39	3s30	1n 9	17n16	1s25	11s22	0n21	23n40	0s 8	7s57	7n44	21s28	21s17	20n56		n.a.

Julian Day Number = 1279987.5, Delta T = 08h09m04s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'24, Lahiri = -20°38'24 Julian Calendar 1 June 1209 BCE == Greg. Calendar 21 May 1209 BCE

The year -1208 astronomical counting style corresponds to year 1209 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1209 BCE
geocentric

JULY 1209 BCE (-1208) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 52 28	26♊49'28	23♌48	18♊12	9♌41	26♌44	11♎23	22♉22	0°R 6	2♋36	10°R46	4°R53	3♐52	0♊58	n.a.	S 1
S 2	17 56 25	27°47'01	6♍44	20°14	10°22	27°22	11°25	22°29	0♏ 5	2°38	10♏45	4♐51	3°49	1° 5	n.a.	S 2
M 3	18 0 21	28°44'34	19°57	22°16	11° 3	28° 0	11°27	22°36	0° 4	2°40	10°44	4°50	3°46	1°11	n.a.	M 3
T 4	18 4 18	29°42'09	3♎30	24°20	11°42	28°38	11°30	22°43	0° 3	2°43	10°43	4°D50	3°43	1°18	n.a.	T 4
W 5	18 8 14	0♋39'44	17°23	26°23	12°20	29°16	11°33	22°50	0° 3	2°45	10°42	4°50	3°39	1°25	n.a.	W 5
T 6	18 12 11	1°37'21	1♏37	28°26	12°56	29°54	11°36	22°56	0° 2	2°47	10°41	4°52	3°36	1°31	n.a.	T 6
F 7	18 16 7	2°34'59	16°10	0♋28	13°32	0♍32	11°39	23° 3	0° 1	2°49	10°41	4°53	3°33	1°38	n.a.	F 7
S 8	18 20 4	3°32'38	0♐58	2°30	14° 6	1°11	11°42	23°10	0° 0	2°51	10°40	4°R54	3°30	1°45	n.a.	S 8
S 9	18 24 1	4°30'19	15°56	4°31	14°39	1°50	11°46	23°16	29♎59	2°54	10°39	4°53	3°27	1°51	n.a.	S 9
M10	18 27 57	5°28'01	0♑56	6°31	15°11	2°28	11°49	23°23	29°59	2°56	10°38	4°52	3°24	1°58	n.a.	M10
T 11	18 31 54	6°25'44	15°49	8°31	15°41	3° 7	11°53	23°30	29°59	2°58	10°38	4°48	3°20	2° 5	n.a.	T 11
W12	18 35 50	7°23'30	0♒28	10°29	16°10	3°46	11°57	23°36	29°58	3° 0	10°37	4°44	3°17	2°11	n.a.	W12
T 13	18 39 47	8°21'16	14°45	12°26	16°37	4°25	12° 1	23°42	29°58	3° 3	10°36	4°39	3°14	2°18	n.a.	T 13
F 14	18 43 43	9°19'05	28°37	14°22	17° 2	5° 4	12° 6	23°49	29°58	3° 5	10°36	4°34	3°11	2°25	n.a.	F 14
S 15	18 47 40	10°16'55	12♓ 1	16°16	17°26	5°43	12°10	23°55	29°57	3° 7	10°35	4°30	3° 8	2°31	n.a.	S 15
S 16	18 51 36	11°14'47	25° 0	18°10	17°49	6°22	12°15	24° 1	29°57	3° 9	10°34	4°27	3° 4	2°38	n.a.	S 16
M17	18 55 33	12°12'42	7♈34	20° 2	18° 9	7° 2	12°20	24° 7	29°57	3°11	10°34	4°D26	3° 1	2°45	n.a.	M17
T 18	18 59 30	13°10'38	19°50	21°52	18°28	7°41	12°25	24°14	29°57	3°14	10°33	4°26	2°58	2°51	n.a.	T 18
W19	19 3 26	14° 8'36	1♉51	23°42	18°45	8°20	12°30	24°20	29°56	3°16	10°33	4°27	2°55	2°58	n.a.	W19
T 20	19 7 23	15° 6'36	13°43	25°30	19° 0	9° 0	12°35	24°26	29°56	3°18	10°32	4°29	2°52	3° 4	n.a.	T 20
F 21	19 11 19	16° 4'39	25°30	27°16	19°13	9°40	12°40	24°32	29°D56	3°20	10°32	4°30	2°49	3°11	n.a.	F 21
S 22	19 15 16	17° 2'43	7♊17	29° 2	19°23	10°20	12°46	24°37	29°56	3°22	10°32	4°R31	2°45	3°18	n.a.	S 22
S 23	19 19 12	18° 0'50	19° 9	0♌46	19°32	11° 0	12°52	24°43	29°57	3°25	10°31	4°29	2°42	3°24	n.a.	S 23
M24	19 23 9	18°58'58	1♋ 7	2°29	19°39	11°40	12°58	24°49	29°57	3°27	10°31	4°26	2°39	3°31	n.a.	M24
T 25	19 27 5	19°57'08	13°15	4°11	19°43	12°20	13° 4	24°55	29°57	3°29	10°31	4°21	2°36	3°38	n.a.	T 25
W26	19 31 2	20°55'20	25°34	5°51	19°R46	13° 0	13°10	25° 0	29°57	3°31	10°30	4°14	2°33	3°44	n.a.	W26
T 27	19 34 59	21°53'34	8♌ 5	7°30	19°46	13°40	13°16	25° 6	29°57	3°33	10°30	4° 5	2°30	3°51	n.a.	T 27
F 28	19 38 55	22°51'50	20°49	9° 8	19°43	14°20	13°23	25°11	29°58	3°35	10°30	3°57	2°26	3°58	n.a.	F 28
S 29	19 42 52	23°50'08	3♍46	10°45	19°39	15° 1	13°30	25°16	29°58	3°37	10°30	3°48	2°23	4° 4	n.a.	S 29
S 30	19 46 48	24°48'27	16°55	12°21	19°31	15°41	13°36	25°22	29°59	3°40	10°30	3°42	2°20	4°11	n.a.	S 30
M31	19 50 45	25♋46'48	0♎18	13♌55	19♌22	16♍22	13♎43	25♉27	29♎59	3♋42	10♏30	3♐37	2♐17	4♊18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	8n57	5s 9	24n21	1n 3	17n17	0s52	13n24	0n38	3s31	1n 9	17n18	1s25	11s22	0n21	23n40	0s 8	7s57	7n44	21s28	21s16	20n57		n.a.
S 2	23 49	4 19	5 15	24 39	1 11	16 58	1 1	13 10	0 37	3 33	1 8	17 19	1 25	11 22	0 21	23 40	0 8	7 57	7 44	21 28	21 16	20 57		n.a.
M 3	23 50	0s36	5 4	24 54	1 18	16 38	1 10	12 56	0 36	3 34	1 8	17 21	1 25	11 22	0 21	23 40	0 8	7 57	7 43	21 27	21 15	20 58		n.a.
T 4	23 50	5 38	4 37	25 7	1 24	16 18	1 19	12 42	0 35	3 35	1 8	17 23	1 25	11 21	0 21	23 40	0 8	7 57	7 43	21 27	21 15	20 58		n.a.
W 5	23 50	10 30	3 52	25 17	1 30	15 59	1 28	12 27	0 34	3 36	1 7	17 25	1 25	11 21	0 21	23 40	0 8	7 57	7 43	21 27	21 14	20 59		n.a.
T 6	23 50	14 56	2 53	25 24	1 35	15 39	1 38	12 13	0 33	3 38	1 7	17 26	1 25	11 21	0 21	23 40	0 8	7 57	7 43	21 28	21 13	20 59		n.a.
F 7	23 49	18 34	1 41	25 29	1 39	15 19	1 48	11 58	0 32	3 39	1 7	17 28	1 25	11 21	0 21	23 40	0 8	7 57	7 42	21 28	21 13	21 0		n.a.
S 8	23 47	21 3	0 22	25 31	1 42	15 0	1 58	11 43	0 31	3 41	1 7	17 30	1 25	11 20	0 21	23 40	0 8	7 57	7 42	21 28	21 12	21 0		n.a.
S 9	23 46	22 5	1n 0	25 30	1 45	14 40	2 8	11 28	0 30	3 43	1 6	17 31	1 25	11 20	0 21	23 40	0 8	7 57	7 42	21 28	21 12	21 1		n.a.
M10	23 43	21 32	2 18	25 27	1 46	14 21	2 18	11 13	0 29	3 44	1 6	17 33	1 26	11 20	0 21	23 40	0 8	7 58	7 41	21 28	21 11	21 1		n.a.
T 11	23 41	19 29	3 26	25 21	1 48	14 2	2 29	10 58	0 29	3 46	1 6	17 35	1 26	11 20	0 21	23 40	0 8	7 58	7 41	21 27	21 10	21 2		n.a.
W12	23 38	16 11	4 18	25 13	1 48	13 43	2 40	10 43	0 28	3 48	1 5	17 36	1 26	11 20	0 21	23 40	0 8	7 58	7 41	21 26	21 10	21 2		n.a.
T 13	23 34	12 0	4 54	25 2	1 48	13 24	2 51	10 28	0 27	3 50	1 5	17 38	1 26	11 20	0 21	23 40	0 8	7 58	7 40	21 25	21 9	21 3		n.a.
F 14	23 30	7 18	5 10	24 50	1 47	13 6	3 2	10 13	0 26	3 52	1 5	17 39	1 26	11 19	0 21	23 40	0 8	7 58	7 40	21 24	21 8	21 3		n.a.
S 15	23 26	2 24	5 9	24 35	1 46	12 48	3 13	9 57	0 25	3 54	1 5	17 41	1 26	11 19	0 20	23 40	0 8	7 58	7 40	21 24	21 8	21 4		n.a.
S 16	23 21	2n26	4 52	24 18	1 44	12 30	3 25	9 41	0 24	3 56	1 4	17 42	1 26	11 19	0 20	23 40	0 8	7 58	7 39	21 23	21 7	21 4		n.a.
M17	23 16	7 3	4 22	24 0	1 42	12 12	3 37	9 26	0 23	3 58	1 4	17 44	1 26	11 19	0 20	23 40	0 8	7 58	7 39	21 23	21 7	21 5		n.a.
T 18	23 10	11 15	3 40	23 40	1 39	11 55	3 49	9 10	0 22	4 0	1 4	17 45	1 26	11 19	0 20	23 40	0 8	7 58	7 39	21 23	21 6	21 5		n.a.
W19	23 4	14 57	2 49	23 18	1 36	11 39	4 1	8 54	0 21	4 3	1 3	17 47	1 26	11 19	0 20	23 40	0 8	7 59	7 38	21 23	21 5	21 6		n.a.
T 20	22 58	17 59	1 51	22 55	1 33	11 22	4 13	8 38	0 20	4 5	1 3	17 48	1 26	11 19	0 20	23 40	0 8	7 59	7 38	21 23	21 5	21 6		n.a.
F 21	22 51	20 15	0 49	22 30	1 29	11 6	4 26	8 22	0 19	4 7	1 3	17 50	1 26	11 19	0 20	23 40	0 8	7 59	7 38	21 24	21 4	21 7		n.a.
S 22	22 44	21 38	0s15	22 4	1 24	10 51	4 38	8 6	0 18	4 10	1 3	17 51	1 26	11 19	0 20	23 40	0 8	7 59	7 37	21 24	21 3	21 7		n.a.
S 23	22 36	22 5	1 19	21 37	1 20	10 37	4 51	7 50	0 18	4 12	1 2	17 53	1 26	11 19	0 20	23 40	0 8	7 59	7 37	21 23	21 3	21 7		n.a.
M24	22 28	21 31	2 19	21 8	1 15	10 22	5 3	7 34	0 17	4 15	1 2	17 54	1 26	11 19	0 20	23 40	0 8	8 0	7 37	21 23	21 2	21 8		n.a.
T 25	22 20	19 57	3 14	20 39	1 9	10 9	5 16	7 17	0 16	4 18	1 2	17 55	1 26	11 19	0 20	23 39	0 8	8 0	7 36	21 22	21 2	21 8		n.a.
W26	22 11	17 26	4 1	20 9	1 4	9 56	5 29	7 1	0 15	4 20	1 1	17 57	1 26	11 20	0 20	23 39	0 8	8 0	7 36	21 21	21 1	21 9		n.a.
T 27	22 1	14 6	4 36	19 38	0 58	9 44	5 41	6 44	0 14	4 23	1 1	17 58	1 26	11 20	0 20	23 39	0 8	8 0	7 36	21 19	21 0	21 9		n.a.
F 28	21 52	10 4	4 59	19 6	0 52	9 33	5 54	6 28	0 13	4 26	1 1	17 59	1 26	11 20	0 20	23 39	0 8	8 1	7 35	21 17	21 0	21 9		n.a.
S 29	21 42	5 32	5 7	18 33	0 45	9 22	6 7	6 11	0 12	4 29	1 1	18 0	1 26	11 20	0 20	23 39	0 8	8 1	7 35	21 16	20 59	21 10		n.a.
S 30	21 31	0 40	4 59	18 0	0 39	9 13	6 19	5 54	0 11	4 32	1 0	18 2	1 26	11 20	0 20	23 39	0 8	8 1	7 35	21 14	20 58	21 10		n.a.
M31	21n20	4s18	4s35	17n26	0n32	9n 4	6s31	5n38	0n10	4s35	1n 0	18n 3	1s26	11s20	0n20	23n39	0s 8	8s 1	7n34	21s13	20s58	21n11		n.a.

Julian Day Number = 1280017.5, Delta T = 08h09m02s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'20, Lahiri = -20°38'20 Julian Calendar 1 July 1209 BCE == Greg. Calendar 20 June 1209 BCE

The year -1208 astronomical counting style corresponds to year 1209 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1209 BCE
geocentric

AUGUST 1209 BCE (-1208) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 54 41	26♋45'11	13♎53	15♌29	19°R10	17♍ 3	13♎50	25♉32	29♎59	3♋44	10°R29	3°R34	2♐14	4♊24	n.a.	T 1
W 2	19 58 38	27°43'36	27°41	17° 1	18♌56	17°44	13°58	25°37	0♏ 0	3°46	10♏29	3°D33	2°10	4°31	n.a.	W 2
T 3	20 2 34	28°42'02	11♏44	18°32	18°39	18°24	14° 5	25°42	0° 1	3°48	10°D29	3♐34	2° 7	4°37	n.a.	T 3
F 4	20 6 31	29°40'30	25°59	20° 2	18°20	19° 5	14°12	25°47	0° 2	3°50	10°29	3°R34	2° 4	4°44	n.a.	F 4
S 5	20 10 27	0♌39'00	10♐26	21°30	17°59	19°47	14°20	25°52	0° 3	3°52	10°29	3°34	2° 1	4°51	n.a.	S 5
S 6	20 14 24	1°37'31	25° 1	22°58	17°36	20°28	14°28	25°57	0° 3	3°54	10°30	3°33	1°58	4°57	n.a.	S 6
M 7	20 18 21	2°36'05	9♑40	24°24	17°10	21° 9	14°36	26° 1	0° 4	3°56	10°30	3°28	1°55	5° 4	n.a.	M 7
T 8	20 22 17	3°34'40	24°16	25°49	16°43	21°50	14°44	26° 6	0° 5	3°58	10°30	3°22	1°51	5°11	n.a.	T 8
W 9	20 26 14	4°33'18	8♒42	27°13	16°14	22°32	14°52	26°10	0° 6	4° 0	10°30	3°13	1°48	5°17	n.a.	W 9
T 10	20 30 10	5°31'57	22°52	28°35	15°43	23°13	15° 0	26°15	0° 7	4° 2	10°30	3° 3	1°45	5°24	n.a.	T 10
F 11	20 34 7	6°30'39	6♓40	29°56	15°11	23°55	15° 9	26°19	0° 8	4° 4	10°30	2°53	1°42	5°31	n.a.	F 11
S 12	20 38 3	7°29'23	20° 5	1♍16	14°37	24°36	15°17	26°23	0° 9	4° 6	10°31	2°44	1°39	5°37	n.a.	S 12
S 13	20 42 0	8°28'09	3♈ 4	2°34	14° 3	25°18	15°26	26°27	0°11	4° 8	10°31	2°36	1°36	5°44	n.a.	S 13
M14	20 45 56	9°26'58	15°41	3°51	13°27	26° 0	15°35	26°31	0°12	4°10	10°31	2°31	1°32	5°51	n.a.	M14
T 15	20 49 53	10°25'49	27°57	5° 7	12°51	26°42	15°44	26°35	0°13	4°12	10°32	2°29	1°29	5°57	n.a.	T 15
W16	20 53 50	11°24'42	9♉59	6°21	12°15	27°24	15°53	26°39	0°14	4°13	10°32	2°D28	1°26	6° 4	n.a.	W16
T 17	20 57 46	12°23'38	21°51	7°33	11°38	28° 6	16° 2	26°43	0°16	4°15	10°33	2°28	1°23	6°11	n.a.	T 17
F 18	21 1 43	13°22'37	3♊39	8°44	11° 1	28°48	16°11	26°47	0°17	4°17	10°33	2°R28	1°20	6°17	n.a.	F 18
S 19	21 5 39	14°21'37	15°27	9°52	10°25	29°30	16°20	26°50	0°19	4°19	10°34	2°28	1°16	6°24	n.a.	S 19
S 20	21 9 36	15°20'41	27°22	10°59	9°49	0♎12	16°30	26°54	0°20	4°21	10°34	2°25	1°13	6°30	n.a.	S 20
M21	21 13 32	16°19'46	9♋27	12° 3	9°15	0°55	16°39	26°57	0°22	4°22	10°35	2°20	1°10	6°37	n.a.	M21
T 22	21 17 29	17°18'54	21°45	13° 6	8°41	1°37	16°49	27° 0	0°23	4°24	10°35	2°12	1° 7	6°44	n.a.	T 22
W23	21 21 25	18°18'05	4♌19	14° 5	8° 8	2°20	16°59	27° 3	0°25	4°26	10°36	2° 1	1° 4	6°50	n.a.	W23
T 24	21 25 22	19°17'17	17° 9	15° 2	7°37	3° 2	17° 9	27° 7	0°27	4°28	10°37	1°49	1° 1	6°57	n.a.	T 24
F 25	21 29 18	20°16'32	0♍14	15°56	7° 7	3°45	17°19	27°10	0°28	4°29	10°37	1°36	0°57	7° 4	n.a.	F 25
S 26	21 33 15	21°15'49	13°34	16°47	6°39	4°28	17°29	27°12	0°30	4°31	10°38	1°23	0°54	7°10	n.a.	S 26
S 27	21 37 12	22°15'07	27° 5	17°35	6°13	5°11	17°39	27°15	0°32	4°33	10°39	1°13	0°51	7°17	n.a.	S 27
M28	21 41 8	23°14'28	10♎47	18°19	5°49	5°53	17°49	27°18	0°34	4°34	10°40	1° 5	0°48	7°24	n.a.	M28
T 29	21 45 5	24°13'51	24°36	18°58	5°27	6°36	18° 0	27°20	0°36	4°36	10°40	1° 0	0°45	7°30	n.a.	T 29
W30	21 49 1	25°13'16	8♏31	19°34	5° 8	7°20	18°10	27°23	0°38	4°37	10°41	0°57	0°41	7°37	n.a.	W30
T 31	21 52 58	26♌12'43	22♏32	20♍ 4	4♌50	8♎ 3	18♎21	27♉25	0♏40	4♋39	10♏42	0♐57	0♐38	7♊44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n 9	9s 9	3s55	16n51	0n25	8n56	6s43	5n21	0n10	4s38	1n 0	18n 4	1s26	11s21	0n20	23n39	0s 8	8s 2	7n34	21s13	20s57	21n11			n.a.
W 2	20 58	13 37	3 0	16 16	0 18	8 49	6 55	5 4	0 9	4 41	1 0	18 5	1 26	11 21	0 20	23 39	0 8	8 2	7 34	21 13	20 56	21 11			n.a.
T 3	20 46	17 25	1 55	15 41	0 10	8 43	7 7	4 47	0 8	4 44	0 59	18 6	1 26	11 21	0 20	23 39	0 8	8 2	7 33	21 13	20 56	21 12			n.a.
F 4	20 33	20 14	0 41	15 5	0 3	8 39	7 18	4 30	0 7	4 47	0 59	18 7	1 27	11 21	0 20	23 39	0 8	8 3	7 33	21 13	20 55	21 12			n.a.
S 5	20 21	21 47	0n37	14 30	0s 5	8 35	7 29	4 12	0 6	4 50	0 59	18 9	1 27	11 22	0 20	23 39	0 8	8 3	7 33	21 13	20 55	21 12			n.a.
S 6	20 8	21 52	1 52	13 53	0 13	8 32	7 39	3 55	0 5	4 54	0 59	18 10	1 27	11 22	0 20	23 39	0 8	8 3	7 32	21 13	20 54	21 13			n.a.
M 7	19 54	20 29	3 1	13 17	0 21	8 30	7 49	3 38	0 4	4 57	0 58	18 11	1 27	11 22	0 20	23 39	0 8	8 4	7 32	21 12	20 53	21 13			n.a.
T 8	19 41	17 44	3 57	12 41	0 28	8 29	7 58	3 21	0 4	5 0	0 58	18 12	1 27	11 23	0 20	23 39	0 8	8 4	7 32	21 11	20 53	21 13			n.a.
W 9	19 26	13 56	4 37	12 4	0 36	8 30	8 6	3 3	0 3	5 4	0 58	18 13	1 27	11 23	0 20	23 39	0 8	8 5	7 31	21 9	20 52	21 14			n.a.
T 10	19 12	9 25	4 59	11 28	0 45	8 31	8 14	2 46	0 2	5 7	0 58	18 14	1 27	11 24	0 20	23 39	0 8	8 5	7 31	21 7	20 51	21 14			n.a.
F 11	18 57	4 31	5 3	10 52	0 53	8 34	8 21	2 28	0 1	5 11	0 57	18 15	1 27	11 24	0 20	23 39	0 8	8 5	7 31	21 5	20 51	21 14			n.a.
S 12	18 42	0n27	4 50	10 15	1 1	8 37	8 28	2 11	0 0	5 14	0 57	18 16	1 27	11 24	0 20	23 39	0 8	8 6	7 30	21 3	20 50	21 15			n.a.
S 13	18 27	5 15	4 23	9 39	1 9	8 42	8 33	1 53	0s 1	5 18	0 57	18 16	1 27	11 25	0 20	23 39	0 8	8 6	7 30	21 2	20 49	21 15			n.a.
M14	18 11	9 41	3 43	9 4	1 17	8 47	8 38	1 36	0 1	5 22	0 57	18 17	1 27	11 25	0 20	23 39	0 8	8 7	7 30	21 1	20 49	21 15			n.a.
T 15	17 55	13 36	2 53	8 28	1 26	8 54	8 41	1 18	0 2	5 25	0 57	18 18	1 27	11 26	0 20	23 38	0 8	8 7	7 29	21 0	20 48	21 16			n.a.
W16	17 39	16 54	1 57	7 53	1 34	9 1	8 44	1 0	0 3	5 29	0 56	18 19	1 27	11 26	0 20	23 38	0 8	8 7	7 29	21 0	20 47	21 16			n.a.
T 17	17 22	19 26	0 56	7 18	1 42	9 9	8 46	0 43	0 4	5 33	0 56	18 20	1 27	11 27	0 20	23 38	0 8	8 8	7 29	21 0	20 47	21 16			n.a.
F 18	17 5	21 8	0s 6	6 44	1 50	9 18	8 47	0 25	0 5	5 37	0 56	18 21	1 27	11 27	0 20	23 38	0 8	8 8	7 28	21 0	20 46	21 17			n.a.
S 19	16 48	21 54	1 9	6 11	1 58	9 28	8 47	0 7	0 5	5 40	0 56	18 21	1 27	11 28	0 20	23 38	0 8	8 9	7 28	21 0	20 45	21 17			n.a.
S 20	16 30	21 40	2 8	5 38	2 6	9 38	8 46	0s11	0 6	5 44	0 55	18 22	1 28	11 28	0 20	23 38	0 8	8 9	7 27	20 59	20 45	21 17			n.a.
M21	16 12	20 27	3 3	5 6	2 14	9 49	8 44	0 29	0 7	5 48	0 55	18 23	1 28	11 29	0 20	23 38	0 8	8 10	7 27	20 58	20 44	21 17			n.a.
T 22	15 54	18 16	3 50	4 35	2 21	10 1	8 41	0 46	0 8	5 52	0 55	18 23	1 28	11 30	0 19	23 38	0 8	8 10	7 27	20 57	20 43	21 18			n.a.
W23	15 36	15 11	4 27	4 5	2 29	10 12	8 37	1 4	0 9	5 56	0 55	18 24	1 28	11 30	0 19	23 38	0 8	8 11	7 26	20 55	20 43	21 18			n.a.
T 24	15 17	11 20	4 51	3 36	2 36	10 25	8 33	1 22	0 9	6 0	0 55	18 25	1 28	11 31	0 19	23 38	0 8	8 11	7 26	20 52	20 42	21 18			n.a.
F 25	14 58	6 53	5 1	3 8	2 43	10 37	8 27	1 40	0 10	6 4	0 54	18 25	1 28	11 31	0 19	23 38	0 8	8 12	7 26	20 49	20 41	21 19			n.a.
S 26	14 39	2 3	4 54	2 42	2 50	10 50	8 21	1 58	0 11	6 8	0 54	18 26	1 28	11 32	0 19	23 38	0 8	8 13	7 25	20 47	20 41	21 19			n.a.
S 27	14 19	2s58	4 31	2 17	2 56	11 3	8 14	2 16	0 12	6 13	0 54	18 27	1 28	11 33	0 19	23 38	0 8	8 13	7 25	20 45	20 40	21 19			n.a.
M28	14 0	7 53	3 52	1 55	3 2	11 16	8 7	2 34	0 13	6 17	0 54	18 27	1 28	11 34	0 19	23 38	0 8	8 14	7 25	20 43	20 39	21 19			n.a.
T 29	13 40	12 28	3 0	1 34	3 8	11 29	7 59	2 52	0 13	6 21	0 54	18 28	1 28	11 34	0 19	23 38	0 8	8 14	7 24	20 42	20 39	21 20			n.a.
W30	13 20	16 24	1 56	1 15	3 13	11 42	7 50	3 10	0 14	6 25	0 53	18 28	1 28	11 35	0 19	23 38	0 8	8 15	7 24	20 41	20 38	21 20			n.a.
T 31	12n59	19s25	0s44	0n59	3s17	11n55	7s41	3s28	0s15	6s30	0n53	18n29	1s28	11s36	0n19	23n38	0s 8	8s15	7n24	20s41	20s37	21n20			n.a.

Julian Day Number = 1280048.5, Delta T = 08h09m00s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'16, Lahiri = -20°38'15 Julian Calendar 1 Aug. 1209 BCE == Greg. Calendar 21 July 1209 BCE

The year -1208 astronomical counting style corresponds to year 1209 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1209 BCE
geocentric

SEPTEMBER 1209 BCE (-1208) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 56 54	27♌12'11	6♐38	20♍29	4°R35	8♎46	18♎32	27♉27	0♏42	4♋40	10♏43	0°R56	0♐35	7♊50	n.a.	F 1
S 2	22 0 51	28°11'42	20°47	20°48	4♌23	9°29	18°42	27°30	0°44	4°42	10°44	0♐56	0°32	7°57	n.a.	S 2
S 3	22 4 47	29°11'15	5♉ 0	21° 1	4°13	10°13	18°53	27°32	0°46	4°43	10°45	0°53	0°29	8° 4	n.a.	S 3
M 4	22 8 44	0♍10'49	19°13	21°R 8	4° 5	10°56	19° 4	27°34	0°49	4°45	10°46	0°47	0°26	8°10	n.a.	M 4
T 5	22 12 40	1°10'25	3♒23	21° 6	3°59	11°40	19°15	27°35	0°51	4°46	10°47	0°39	0°22	8°17	n.a.	T 5
W 6	22 16 37	2°10'04	17°25	20°58	3°57	12°23	19°26	27°37	0°53	4°48	10°48	0°28	0°19	8°23	n.a.	W 6
T 7	22 20 34	3° 9'44	1♓16	20°41	3°D56	13° 7	19°38	27°39	0°55	4°49	10°49	0°15	0°16	8°30	n.a.	T 7
F 8	22 24 30	4° 9'26	14°50	20°15	3°58	13°50	19°49	27°40	0°58	4°50	10°50	0° 3	0°13	8°37	n.a.	F 8
S 9	22 28 27	5° 9'11	28° 4	19°41	4° 2	14°34	20° 0	27°41	1° 0	4°52	10°51	29♏51	0°10	8°43	n.a.	S 9
S 10	22 32 23	6° 8'58	10♈58	18°58	4° 9	15°18	20°12	27°43	1° 3	4°53	10°53	29°41	0° 7	8°50	n.a.	S 10
M11	22 36 20	7° 8'47	23°32	18° 7	4°18	16° 2	20°23	27°44	1° 5	4°54	10°54	29°34	0° 3	8°57	n.a.	M11
T 12	22 40 16	8° 8'38	5♉47	17° 9	4°29	16°46	20°35	27°45	1° 8	4°55	10°55	29°30	0° 0	9° 3	n.a.	T 12
W13	22 44 13	9° 8'32	17°49	16° 3	4°42	17°30	20°47	27°46	1°10	4°57	10°56	29°28	29♏57	9°10	n.a.	W13
T 14	22 48 9	10° 8'29	29°41	14°53	4°57	18°14	20°59	27°47	1°13	4°58	10°58	29°D27	29°54	9°17	n.a.	T 14
F 15	22 52 6	11° 8'27	11♊29	13°38	5°14	18°58	21°10	27°47	1°15	4°59	10°59	29°R27	29°51	9°23	n.a.	F 15
S 16	22 56 2	12° 8'28	23°18	12°22	5°34	19°43	21°22	27°48	1°18	5° 0	11° 0	29°27	29°47	9°30	n.a.	S 16
S 17	22 59 59	13° 8'31	5♋14	11° 7	5°55	20°27	21°34	27°48	1°21	5° 1	11° 2	29°25	29°44	9°37	n.a.	S 17
M18	23 3 56	14° 8'37	17°22	9°55	6°18	21°11	21°46	27°49	1°24	5° 2	11° 3	29°20	29°41	9°43	n.a.	M18
T 19	23 7 52	15° 8'45	29°47	8°47	6°43	21°56	21°58	27°49	1°26	5° 3	11° 4	29°13	29°38	9°50	n.a.	T 19
W20	23 11 49	16° 8'55	12♌30	7°47	7°10	22°40	22°11	27°49	1°29	5° 4	11° 6	29° 3	29°35	9°57	n.a.	W20
T 21	23 15 45	17° 9'07	25°34	6°56	7°38	23°25	22°23	27°R49	1°32	5° 5	11° 7	28°52	29°32	10° 3	n.a.	T 21
F 22	23 19 42	18° 9'21	8♍59	6°15	8° 8	24° 9	22°35	27°49	1°35	5° 6	11° 9	28°40	29°28	10°10	n.a.	F 22
S 23	23 23 38	19° 9'37	22°42	5°46	8°39	24°54	22°48	27°49	1°38	5° 7	11°10	28°28	29°25	10°16	n.a.	S 23
S 24	23 27 35	20° 9'55	6♎39	5°27	9°12	25°39	23° 0	27°49	1°41	5° 8	11°12	28°18	29°22	10°23	n.a.	S 24
M25	23 31 31	21°10'15	20°47	5°D21	9°47	26°24	23°13	27°48	1°44	5° 9	11°13	28°10	29°19	10°30	n.a.	M25
T 26	23 35 28	22°10'36	5♏ 0	5°26	10°22	27° 9	23°25	27°48	1°47	5° 9	11°15	28° 6	29°16	10°36	n.a.	T 26
W27	23 39 25	23°11'00	19°15	5°41	10°59	27°54	23°38	27°47	1°50	5°10	11°17	28° 3	29°12	10°43	n.a.	W27
T 28	23 43 21	24°11'25	3♐28	6° 7	11°38	28°39	23°50	27°46	1°53	5°11	11°18	28°D 3	29° 9	10°50	n.a.	T 28
F 29	23 47 18	25°11'51	17°37	6°41	12°17	29°24	24° 3	27°45	1°56	5°12	11°20	28° 4	29° 6	10°56	n.a.	F 29
S 30	23 51 14	26♍12'19	1♉42	7♍25	12♌58	0♏ 9	24♎16	27♉44	1♏59	5♋12	11♏22	28°R 4	29♏ 3	11♊ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n39	21s17	0n30	0n46	3s21	12n 8	7s31	3s46	0s16	6s34	0n53	18n29	1s28	11s36	0n19	23n38	0s 8	8s16	7n23	20s41	20s37	21n20		n.a.
S 2	12 18	21 48	1 43	0 35	3 24	12 21	7 21	4 4	0 16	6 38	0 53	18 29	1 29	11 37	0 19	23 38	0 8	8 17	7 23	20 41	20 36	21 20		n.a.
S 3	11 57	20 55	2 50	0 28	3 26	12 33	7 11	4 22	0 17	6 43	0 53	18 30	1 29	11 38	0 19	23 38	0 8	8 17	7 23	20 40	20 35	21 21		n.a.
M 4	11 36	18 43	3 46	0 25	3 27	12 45	7 0	4 40	0 18	6 47	0 52	18 30	1 29	11 39	0 19	23 38	0 8	8 18	7 22	20 39	20 35	21 21		n.a.
T 5	11 14	15 23	4 28	0 25	3 27	12 57	6 49	4 58	0 19	6 51	0 52	18 30	1 29	11 40	0 19	23 37	0 8	8 18	7 22	20 38	20 34	21 21		n.a.
W 6	10 53	11 13	4 53	0 30	3 25	13 9	6 38	5 16	0 19	6 56	0 52	18 31	1 29	11 40	0 19	23 37	0 7	8 19	7 22	20 35	20 33	21 21		n.a.
T 7	10 31	6 32	5 0	0 39	3 23	13 20	6 26	5 34	0 20	7 0	0 52	18 31	1 29	11 41	0 19	23 37	0 7	8 20	7 22	20 33	20 33	21 21		n.a.
F 8	10 9	1 37	4 51	0 54	3 18	13 31	6 15	5 52	0 21	7 5	0 52	18 31	1 29	11 42	0 19	23 37	0 7	8 20	7 21	20 30	20 32	21 22		n.a.
S 9	9 47	3n16	4 25	1 13	3 12	13 41	6 3	6 10	0 22	7 9	0 51	18 32	1 29	11 43	0 19	23 37	0 7	8 21	7 21	20 27	20 31	21 22		n.a.
S 10	9 24	7 53	3 47	1 37	3 4	13 51	5 51	6 28	0 22	7 14	0 51	18 32	1 29	11 44	0 19	23 37	0 7	8 22	7 21	20 25	20 31	21 22		n.a.
M11	9 2	12 2	2 58	2 6	2 55	14 0	5 40	6 46	0 23	7 18	0 51	18 32	1 29	11 45	0 19	23 37	0 7	8 22	7 20	20 24	20 30	21 22		n.a.
T 12	8 39	15 35	2 2	2 40	2 43	14 9	5 28	7 3	0 24	7 23	0 51	18 32	1 29	11 46	0 19	23 37	0 7	8 23	7 20	20 23	20 29	21 22		n.a.
W13	8 16	18 24	1 1	3 18	2 29	14 18	5 16	7 21	0 24	7 28	0 51	18 32	1 29	11 47	0 19	23 37	0 7	8 24	7 20	20 22	20 29	21 23		n.a.
T 14	7 53	20 24	0s 1	4 0	2 13	14 25	5 4	7 39	0 25	7 32	0 51	18 32	1 30	11 48	0 19	23 37	0 7	8 24	7 19	20 22	20 28	21 23		n.a.
F 15	7 30	21 29	1 4	4 45	1 56	14 33	4 53	7 57	0 26	7 37	0 50	18 32	1 30	11 49	0 19	23 37	0 7	8 25	7 19	20 22	20 27	21 23		n.a.
S 16	7 7	21 37	2 3	5 32	1 38	14 39	4 41	8 14	0 26	7 42	0 50	18 33	1 30	11 50	0 19	23 37	0 7	8 26	7 19	20 22	20 27	21 23		n.a.
S 17	6 44	20 46	2 58	6 19	1 18	14 45	4 29	8 32	0 27	7 46	0 50	18 33	1 30	11 51	0 19	23 37	0 7	8 26	7 18	20 22	20 26	21 23		n.a.
M18	6 20	18 58	3 46	7 6	0 58	14 51	4 18	8 50	0 28	7 51	0 50	18 33	1 30	11 52	0 19	23 37	0 7	8 27	7 18	20 21	20 25	21 23		n.a.
T 19	5 57	16 14	4 24	7 50	0 37	14 56	4 6	9 7	0 29	7 56	0 50	18 33	1 30	11 53	0 19	23 37	0 7	8 28	7 18	20 19	20 24	21 23		n.a.
W20	5 33	12 42	4 50	8 32	0 17	15 0	3 55	9 25	0 29	8 1	0 50	18 32	1 30	11 54	0 19	23 37	0 7	8 29	7 18	20 17	20 24	21 24		n.a.
T 21	5 9	8 29	5 2	9 10	0n 3	15 4	3 44	9 42	0 30	8 5	0 49	18 32	1 30	11 55	0 19	23 37	0 7	8 29	7 17	20 14	20 23	21 24		n.a.
F 22	4 45	3 45	4 57	9 42	0 22	15 7	3 33	10 0	0 31	8 10	0 49	18 32	1 30	11 56	0 19	23 37	0 7	8 30	7 17	20 12	20 22	21 24		n.a.
S 23	4 22	1s16	4 36	10 10	0 40	15 9	3 22	10 17	0 31	8 15	0 49	18 32	1 30	11 57	0 19	23 37	0 7	8 31	7 17	20 9	20 22	21 24		n.a.
S 24	3 57	6 19	3 58	10 32	0 56	15 11	3 11	10 34	0 32	8 20	0 49	18 32	1 30	11 58	0 19	23 37	0 7	8 32	7 16	20 7	20 21	21 24		n.a.
M25	3 33	11 5	3 5	10 48	1 10	15 12	3 1	10 51	0 33	8 25	0 49	18 32	1 30	11 59	0 19	23 37	0 7	8 32	7 16	20 5	20 20	21 24		n.a.
T 26	3 9	15 17	2 0	10 58	1 23	15 12	2 50	11 8	0 33	8 29	0 49	18 32	1 30	12 0	0 19	23 37	0 7	8 33	7 16	20 4	20 20	21 24		n.a.
W27	2 45	18 35	0 47	11 3	1 35	15 12	2 40	11 25	0 34	8 34	0 48	18 31	1 31	12 1	0 19	23 37	0 7	8 34	7 16	20 3	20 19	21 24		n.a.
T 28	2 21	20 43	0n29	11 2	1 44	15 11	2 30	11 42	0 34	8 39	0 48	18 31	1 31	12 2	0 19	23 37	0 7	8 35	7 15	20 3	20 18	21 24		n.a.
F 29	1 56	21 33	1 43	10 56	1 52	15 10	2 20	11 59	0 35	8 44	0 48	18 31	1 31	12 3	0 19	23 37	0 7	8 35	7 15	20 3	20 17	21 25		n.a.
S 30	1n32	21s 0	2n50	10n46	1n59	15n 8	2s10	12s16	0s36	8s49	0n48	18n31	1s31	12s 4	0n19	23n37	0s 7	8s36	7n15	20s 3	20s17	21n25		n.a.

Julian Day Number = 1280079.5, Delta T = 08h08m59s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'12, Lahiri = -20°38'11 Julian Calendar 1 Sept. 1209 BCE == Greg. Calendar 21 Aug. 1209 BCE

The year -1208 astronomical counting style corresponds to year 1209 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1209 BCE
geocentric

OCTOBER 1209 BCE (-1208) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 55 11	27♍12'49	15♉41	8♍15	13♌40	0♏54	24♎29	27°R43	2♏ 2	5♋13	11♏23	28°R 2	29♏ 0	11♊10	n.a.	S 1
M 2	23 59 7	28°13'20	29°33	9°13	14°23	1°39	24°42	27♉42	2° 6	5°13	11°25	27♏58	28°57	11°16	n.a.	M 2
T 3	0 3 4	29°13'52	13♒18	10°16	15° 7	2°25	24°54	27°40	2° 9	5°14	11°27	27°52	28°53	11°23	n.a.	T 3
W 4	0 7 0	0♎14'26	26°53	11°24	15°52	3°10	25° 7	27°39	2°12	5°15	11°29	27°43	28°50	11°30	n.a.	W 4
T 5	0 10 57	1°15'01	10♓18	12°36	16°39	3°55	25°20	27°37	2°15	5°15	11°30	27°33	28°47	11°36	n.a.	T 5
F 6	0 14 53	2°15'38	23°29	13°53	17°26	4°41	25°33	27°36	2°19	5°15	11°32	27°23	28°44	11°43	n.a.	F 6
S 7	0 18 50	3°16'17	6♈25	15°12	18°14	5°26	25°47	27°34	2°22	5°16	11°34	27°14	28°41	11°50	n.a.	S 7
S 8	0 22 47	4°16'57	19° 6	16°34	19° 3	6°12	26° 0	27°32	2°25	5°16	11°36	27° 6	28°38	11°56	n.a.	S 8
M 9	0 26 43	5°17'39	1♉30	17°59	19°52	6°58	26°13	27°30	2°29	5°17	11°38	27° 0	28°34	12° 3	n.a.	M 9
T 10	0 30 40	6°18'22	13°41	19°25	20°43	7°43	26°26	27°28	2°32	5°17	11°40	26°57	28°31	12° 9	n.a.	T 10
W11	0 34 36	7°19'07	25°41	20°53	21°34	8°29	26°39	27°26	2°35	5°17	11°42	26°D56	28°28	12°16	n.a.	W11
T 12	0 38 33	8°19'54	7♊32	22°22	22°27	9°15	26°53	27°24	2°39	5°18	11°44	26°56	28°25	12°23	n.a.	T 12
F 13	0 42 29	9°20'43	19°19	23°52	23°20	10° 1	27° 6	27°21	2°42	5°18	11°46	26°58	28°22	12°29	n.a.	F 13
S 14	0 46 26	10°21'33	1♋ 8	25°23	24°13	10°46	27°19	27°19	2°46	5°18	11°48	26°59	28°18	12°36	n.a.	S 14
S 15	0 50 22	11°22'25	13° 3	26°55	25° 7	11°32	27°33	27°16	2°49	5°18	11°49	26°R59	28°15	12°43	n.a.	S 15
M16	0 54 19	12°23'19	25°10	28°27	26° 2	12°18	27°46	27°13	2°53	5°18	11°51	26°58	28°12	12°49	n.a.	M16
T 17	0 58 16	13°24'14	7♌34	0♎ 0	26°58	13° 4	27°59	27°10	2°56	5°18	11°53	26°55	28° 9	12°56	n.a.	T 17
W18	1 2 12	14°25'11	20°18	1°33	27°54	13°50	28°13	27° 8	3° 0	5°18	11°56	26°51	28° 6	13° 3	n.a.	W18
T 19	1 6 9	15°26'09	3♍27	3° 7	28°51	14°36	28°26	27° 5	3° 3	5°R18	11°58	26°45	28° 3	13° 9	n.a.	T 19
F 20	1 10 5	16°27'09	17° 0	4°40	29°49	15°23	28°40	27° 1	3° 7	5°18	12° 0	26°38	27°59	13°16	n.a.	F 20
S 21	1 14 2	17°28'10	0♎58	6°14	0♍47	16° 9	28°53	26°58	3°10	5°18	12° 2	26°31	27°56	13°23	n.a.	S 21
S 22	1 17 58	18°29'12	15°15	7°48	1°45	16°55	29° 7	26°55	3°14	5°18	12° 4	26°25	27°53	13°29	n.a.	S 22
M23	1 21 55	19°30'16	29°48	9°22	2°44	17°41	29°21	26°52	3°17	5°18	12° 6	26°21	27°50	13°36	n.a.	M23
T 24	1 25 51	20°31'21	14♏29	10°56	3°43	18°28	29°34	26°48	3°21	5°18	12° 8	26°18	27°47	13°43	n.a.	T 24
W25	1 29 48	21°32'26	29°10	12°30	4°43	19°14	29°48	26°45	3°25	5°18	12°10	26°D18	27°44	13°49	n.a.	W25
T 26	1 33 45	22°33'33	13♐47	14° 4	5°44	20° 1	0♏ 1	26°41	3°28	5°17	12°12	26°19	27°40	13°56	n.a.	T 26
F 27	1 37 41	23°34'40	28°14	15°38	6°45	20°47	0°15	26°37	3°32	5°17	12°14	26°20	27°37	14° 3	n.a.	F 27
S 28	1 41 38	24°35'48	12♑28	17°12	7°46	21°33	0°29	26°33	3°36	5°17	12°16	26°22	27°34	14° 9	n.a.	S 28
S 29	1 45 34	25°36'56	26°27	18°46	8°48	22°20	0°42	26°30	3°39	5°17	12°19	26°R22	27°31	14°16	n.a.	S 29
M30	1 49 31	26°38'05	10♒11	20°20	9°50	23° 7	0°56	26°26	3°43	5°16	12°21	26°21	27°28	14°22	n.a.	M30
T 31	1 53 27	27♎39'15	23♒40	21♎54	10♍52	23♏53	1♏10	26♉22	3♏46	5♋16	12♏23	26♏19	27♏24	14♊29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	1n 8	19s 9	3n46	10n31	2n 4	15n 5	2s 0	12s33	0s36	8s54	0n48	18n30	1s31	12s 5	0n19	23n37	0s 7	8s37	7n15	20s 3	20s16	21n25			n.a.
M 2	0 43	16 12	4 29	10 13	2 8	15 1	1 51	12 49	0 37	8 59	0 48	18 30	1 31	12 7	0 19	23 37	0 7	8 38	7 14	20 2	20 15	21 25			n.a.
T 3	0 19	12 23	4 55	9 51	2 11	14 57	1 41	13 6	0 38	9 4	0 48	18 30	1 31	12 8	0 19	23 37	0 7	8 38	7 14	20 1	20 15	21 25			n.a.
W 4	0s 6	7 59	5 5	9 26	2 12	14 53	1 32	13 22	0 38	9 9	0 48	18 29	1 31	12 9	0 19	23 37	0 7	8 39	7 14	19 59	20 14	21 25			n.a.
T 5	0 30	3 15	4 58	8 59	2 13	14 47	1 23	13 38	0 39	9 14	0 47	18 29	1 31	12 10	0 19	23 37	0 7	8 40	7 13	19 57	20 13	21 25			n.a.
F 6	0 55	1n34	4 34	8 29	2 13	14 41	1 15	13 55	0 39	9 19	0 47	18 28	1 31	12 11	0 19	23 37	0 7	8 41	7 13	19 54	20 13	21 25			n.a.
S 7	1 19	6 13	3 57	7 57	2 12	14 34	1 6	14 11	0 40	9 24	0 47	18 28	1 31	12 12	0 19	23 37	0 7	8 42	7 13	19 52	20 12	21 25			n.a.
S 8	1 44	10 30	3 9	7 22	2 10	14 27	0 58	14 27	0 41	9 28	0 47	18 27	1 31	12 13	0 18	23 37	0 7	8 42	7 13	19 50	20 11	21 25			n.a.
M 9	2 8	14 16	2 13	6 47	2 8	14 19	0 49	14 43	0 41	9 33	0 47	18 27	1 31	12 15	0 18	23 37	0 7	8 43	7 13	19 49	20 10	21 25			n.a.
T 10	2 33	17 20	1 11	6 10	2 5	14 10	0 41	14 58	0 42	9 38	0 47	18 26	1 31	12 16	0 18	23 37	0 7	8 44	7 12	19 48	20 10	21 25			n.a.
W11	2 57	19 36	0 7	5 31	2 1	14 1	0 33	15 14	0 42	9 43	0 47	18 26	1 31	12 17	0 18	23 37	0 7	8 45	7 12	19 48	20 9	21 25			n.a.
T 12	3 21	20 59	0s57	4 52	1 57	13 51	0 26	15 29	0 43	9 48	0 46	18 25	1 31	12 18	0 18	23 37	0 7	8 45	7 12	19 48	20 8	21 25			n.a.
F 13	3 46	21 26	1 58	4 12	1 53	13 41	0 18	15 45	0 43	9 53	0 46	18 25	1 31	12 19	0 18	23 37	0 7	8 46	7 12	19 48	20 8	21 25			n.a.
S 14	4 10	20 55	2 55	3 31	1 48	13 30	0 11	16 0	0 44	9 58	0 46	18 24	1 31	12 21	0 18	23 37	0 7	8 47	7 11	19 48	20 7	21 25			n.a.
S 15	4 34	19 28	3 44	2 49	1 43	13 18	0 4	16 15	0 45	10 3	0 46	18 23	1 32	12 22	0 18	23 37	0 7	8 48	7 11	19 49	20 6	21 25			n.a.
M16	4 58	17 8	4 24	2 7	1 38	13 6	0n 3	16 30	0 45	10 8	0 46	18 23	1 32	12 23	0 18	23 37	0 7	8 49	7 11	19 48	20 5	21 25			n.a.
T 17	5 23	13 58	4 53	1 24	1 32	12 53	0 10	16 45	0 46	10 13	0 46	18 22	1 32	12 24	0 18	23 37	0 7	8 50	7 11	19 48	20 5	21 25			n.a.
W18	5 47	10 6	5 8	0 41	1 26	12 40	0 17	16 59	0 46	10 18	0 46	18 21	1 32	12 26	0 18	23 37	0 7	8 50	7 11	19 47	20 4	21 25			n.a.
T 19	6 10	5 38	5 8	0s 2	1 20	12 26	0 23	17 14	0 47	10 23	0 46	18 21	1 32	12 27	0 18	23 37	0 7	8 51	7 10	19 45	20 3	21 25			n.a.
F 20	6 34	0 45	4 51	0 45	1 14	12 11	0 29	17 28	0 47	10 28	0 46	18 20	1 32	12 28	0 18	23 37	0 7	8 52	7 10	19 43	20 2	21 25			n.a.
S 21	6 58	4s18	4 16	1 29	1 8	11 56	0 36	17 42	0 48	10 33	0 45	18 19	1 32	12 29	0 18	23 37	0 7	8 53	7 10	19 42	20 2	21 25			n.a.
S 22	7 22	9 15	3 25	2 12	1 2	11 40	0 41	17 56	0 48	10 38	0 45	18 18	1 32	12 31	0 18	23 37	0 7	8 54	7 10	19 40	20 1	21 25			n.a.
M23	7 45	13 45	2 20	2 56	0 55	11 24	0 47	18 10	0 49	10 43	0 45	18 18	1 32	12 32	0 18	23 37	0 7	8 54	7 10	19 39	20 0	21 25			n.a.
T 24	8 9	17 28	1 4	3 39	0 49	11 8	0 53	18 24	0 49	10 48	0 45	18 17	1 32	12 33	0 18	23 37	0 7	8 55	7 9	19 39	20 0	21 25			n.a.
W25	8 32	20 3	0n16	4 22	0 42	10 50	0 58	18 37	0 50	10 53	0 45	18 16	1 32	12 34	0 18	23 37	0 7	8 56	7 9	19 39	19 59	21 25			n.a.
T 26	8 55	21 16	1 34	5 6	0 35	10 33	1 4	18 50	0 50	10 58	0 45	18 15	1 32	12 36	0 18	23 37	0 7	8 57	7 9	19 39	19 58	21 25			n.a.
F 27	9 18	21 4	2 46	5 49	0 29	10 15	1 9	19 4	0 51	11 3	0 45	18 14	1 32	12 37	0 18	23 37	0 7	8 58	7 9	19 39	19 57	21 25			n.a.
S 28	9 41	19 29	3 46	6 31	0 22	9 56	1 14	19 16	0 51	11 8	0 45	18 13	1 32	12 38	0 18	23 37	0 7	8 58	7 9	19 40	19 57	21 25			n.a.
S 29	10 4	16 46	4 32	7 14	0 15	9 37	1 18	19 29	0 52	11 13	0 45	18 12	1 32	12 39	0 18	23 37	0 7	8 59	7 9	19 40	19 56	21 25			n.a.
M30	10 26	13 9	5 1	7 56	0 9	9 17	1 23	19 42	0 52	11 18	0 45	18 11	1 32	12 41	0 18	23 37	0 7	9 0	7 8	19 40	19 55	21 25			n.a.
T 31	10s49	8s56	5n13	8s38	0n 2	8n57	1n27	19s54	0s52	11s23	0n44	18n11	1s32	12s42	0n18	23n37	0s 7	9s 1	7n 8	19s39	19s54	21n25			n.a.

Julian Day Number = 1280109.5, Delta T = 08h08m57s
Ecliptic obliquity = 23°50'14, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'08, Lahiri = -20°38'07 Julian Calendar 1 Oct. 1209 BCE == Greg. Calendar 20 Sept. 1209 BCE

The year -1208 astronomical counting style corresponds to year 1209 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1209 BCE
geocentric

NOVEMBER 1209 BCE (-1208) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 57 24	28♎40'25	6♓55	23♎28	11♍55	24♏40	1♏23	26°R18	3♏50	5°R15	12♏25	26°R16	27♏21	14♊36	n.a.	W 1
T 2	2 1 20	29°41'35	19°56	25° 2	12°58	25°26	1°37	26♉13	3°54	5♋15	12°27	26♏11	27°18	14°42	n.a.	T 2
F 3	2 5 17	0♏42'46	2♈43	26°36	14° 2	26°13	1°51	26° 9	3°57	5°14	12°30	26° 7	27°15	14°49	n.a.	F 3
S 4	2 9 14	1°43'58	15°18	28°10	15° 6	27° 0	2° 4	26° 5	4° 1	5°14	12°32	26° 3	27°12	14°56	n.a.	S 4
S 5	2 13 10	2°45'10	27°41	29°45	16°10	27°47	2°18	26° 1	4° 5	5°13	12°34	25°59	27° 9	15° 2	n.a.	S 5
M 6	2 17 7	3°46'23	9♉54	1♏19	17°14	28°33	2°32	25°56	4° 8	5°13	12°36	25°57	27° 5	15° 9	n.a.	M 6
T 7	2 21 3	4°47'37	21°56	2°53	18°19	29°20	2°46	25°52	4°12	5°12	12°38	25°D56	27° 2	15°16	n.a.	T 7
W 8	2 25 0	5°48'51	3♊51	4°28	19°24	0♐ 7	2°59	25°47	4°16	5°11	12°41	25°56	26°59	15°22	n.a.	W 8
T 9	2 28 56	6°50'06	15°40	6° 2	20°30	0°54	3°13	25°43	4°19	5°11	12°43	25°57	26°56	15°29	n.a.	T 9
F 10	2 32 53	7°51'21	27°27	7°37	21°36	1°41	3°27	25°38	4°23	5°10	12°45	25°59	26°53	15°36	n.a.	F 10
S 11	2 36 50	8°52'37	9♋16	9°12	22°42	2°28	3°40	25°34	4°27	5° 9	12°47	26° 1	26°49	15°42	n.a.	S 11
S 12	2 40 46	9°53'54	21°11	10°47	23°48	3°15	3°54	25°29	4°30	5° 9	12°49	26° 2	26°46	15°49	n.a.	S 12
M13	2 44 43	10°55'11	3♌16	12°23	24°54	4° 2	4° 8	25°24	4°34	5° 8	12°52	26° 3	26°43	15°56	n.a.	M13
T 14	2 48 39	11°56'29	15°36	13°58	26° 1	4°49	4°21	25°19	4°38	5° 7	12°54	26°R 3	26°40	16° 2	n.a.	T 14
W15	2 52 36	12°57'48	28°15	15°34	27° 8	5°36	4°35	25°15	4°41	5° 6	12°56	26° 2	26°37	16° 9	n.a.	W15
T 16	2 56 32	13°59'06	11♍19	17°10	28°15	6°23	4°49	25°10	4°45	5° 5	12°58	26° 1	26°34	16°16	n.a.	T 16
F 17	3 0 29	15° 0'25	24°48	18°46	29°23	7°10	5° 2	25° 5	4°49	5° 4	13° 1	26° 0	26°30	16°22	n.a.	F 17
S 18	3 4 25	16° 1'45	8♎45	20°23	0♎31	7°57	5°16	25° 0	4°52	5° 3	13° 3	25°59	26°27	16°29	n.a.	S 18
S 19	3 8 22	17° 3'05	23° 8	21°59	1°38	8°44	5°30	24°55	4°56	5° 2	13° 5	25°57	26°24	16°36	n.a.	S 19
M20	3 12 19	18° 4'25	7♏52	23°36	2°46	9°31	5°43	24°50	5° 0	5° 1	13° 7	25°57	26°21	16°42	n.a.	M20
T 21	3 16 15	19° 5'45	22°50	25°14	3°55	10°19	5°57	24°45	5° 3	5° 0	13°10	25°D56	26°18	16°49	n.a.	T 21
W22	3 20 12	20° 7'05	7♐55	26°51	5° 3	11° 6	6°10	24°40	5° 7	4°59	13°12	25°56	26°15	16°56	n.a.	W22
T 23	3 24 8	21° 8'25	22°58	28°29	6°12	11°53	6°24	24°35	5°10	4°58	13°14	25°57	26°11	17° 2	n.a.	T 23
F 24	3 28 5	22° 9'45	7♑49	0♐ 7	7°21	12°40	6°37	24°30	5°14	4°57	13°16	25°57	26° 8	17° 9	n.a.	F 24
S 25	3 32 1	23°11'05	22°23	1°45	8°29	13°28	6°51	24°25	5°17	4°56	13°18	25°58	26° 5	17°15	n.a.	S 25
S 26	3 35 58	24°12'23	6♒36	3°23	9°39	14°15	7° 4	24°20	5°21	4°55	13°21	25°58	26° 2	17°22	n.a.	S 26
M27	3 39 55	25°13'42	20°26	5° 2	10°48	15° 2	7°18	24°15	5°25	4°53	13°23	25°58	25°59	17°29	n.a.	M27
T 28	3 43 51	26°14'59	3♓52	6°40	11°57	15°49	7°31	24°10	5°28	4°52	13°25	25°58	25°55	17°35	n.a.	T 28
W29	3 47 48	27°16'16	16°58	8°19	13° 7	16°37	7°44	24° 5	5°32	4°51	13°27	25°58	25°52	17°42	n.a.	W29
T 30	3 51 44	28♏17'32	29♓44	9♐57	14♎16	17♐24	7♏58	24♉ 0	5♏35	4♋50	13♏29	25♏58	25♏49	17♊49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s11	4s21	5n 8	9s20	0s 4	8n37	1n32	20s 6	0s53	11s28	0n44	18n10	1s32	12s43	0n18	23n37	0s 7	9s 2	7n 8	19s38	19s54	21n25		n.a.
T 2	11 33	0n20	4 47	10 1	0 11	8 16	1 36	20 18	0 53	11 32	0 44	18 9	1 32	12 44	0 18	23 37	0 7	9 2	7 8	19 37	19 53	21 25		n.a.
F 3	11 55	4 57	4 12	10 42	0 17	7 55	1 40	20 30	0 54	11 37	0 44	18 8	1 32	12 46	0 18	23 37	0 7	9 3	7 8	19 36	19 52	21 25		n.a.
S 4	12 16	9 16	3 26	11 22	0 24	7 33	1 43	20 41	0 54	11 42	0 44	18 7	1 32	12 47	0 18	23 37	0 7	9 4	7 8	19 35	19 51	21 24		n.a.
S 5	12 38	13 9	2 30	12 2	0 30	7 11	1 47	20 53	0 55	11 47	0 44	18 6	1 32	12 48	0 18	23 37	0 7	9 5	7 8	19 34	19 51	21 24		n.a.
M 6	12 59	16 24	1 27	12 42	0 36	6 49	1 51	21 4	0 55	11 52	0 44	18 5	1 32	12 50	0 18	23 37	0 7	9 6	7 7	19 34	19 50	21 24		n.a.
T 7	13 20	18 54	0 22	13 20	0 42	6 26	1 54	21 15	0 55	11 57	0 44	18 4	1 32	12 51	0 18	23 37	0 7	9 6	7 7	19 34	19 49	21 24		n.a.
W 8	13 41	20 33	0s44	13 59	0 48	6 3	1 57	21 25	0 56	12 2	0 44	18 2	1 32	12 52	0 18	23 37	0 7	9 7	7 7	19 34	19 48	21 24		n.a.
T 9	14 1	21 17	1 47	14 37	0 54	5 40	2 0	21 36	0 56	12 6	0 44	18 1	1 32	12 53	0 18	23 37	0 7	9 8	7 7	19 34	19 48	21 24		n.a.
F 10	14 22	21 3	2 46	15 14	1 0	5 16	2 3	21 46	0 57	12 11	0 44	18 0	1 32	12 55	0 18	23 37	0 7	9 9	7 7	19 34	19 47	21 24		n.a.
S 11	14 42	19 53	3 38	15 50	1 6	4 52	2 6	21 56	0 57	12 16	0 44	17 59	1 32	12 56	0 18	23 37	0 7	9 9	7 7	19 35	19 46	21 24		n.a.
S 12	15 1	17 51	4 21	16 26	1 11	4 27	2 8	22 5	0 57	12 21	0 43	17 58	1 31	12 57	0 18	23 37	0 7	9 10	7 7	19 35	19 46	21 24		n.a.
M13	15 21	15 0	4 53	17 1	1 16	4 3	2 10	22 15	0 58	12 26	0 43	17 57	1 31	12 58	0 18	23 37	0 7	9 11	7 7	19 35	19 45	21 24		n.a.
T 14	15 40	11 28	5 12	17 35	1 22	3 38	2 13	22 24	0 58	12 30	0 43	17 56	1 31	13 0	0 18	23 37	0 7	9 12	7 6	19 35	19 44	21 23		n.a.
W15	15 59	7 19	5 17	18 9	1 26	3 13	2 15	22 33	0 58	12 35	0 43	17 55	1 31	13 1	0 18	23 37	0 7	9 13	7 6	19 35	19 43	21 23		n.a.
T 16	16 18	2 44	5 6	18 42	1 31	2 47	2 17	22 42	0 59	12 40	0 43	17 54	1 31	13 2	0 18	23 37	0 7	9 13	7 6	19 35	19 43	21 23		n.a.
F 17	16 36	2s 9	4 38	19 13	1 36	2 22	2 19	22 50	0 59	12 44	0 43	17 53	1 31	13 3	0 18	23 37	0 7	9 14	7 6	19 34	19 42	21 23		n.a.
S 18	16 55	7 5	3 53	19 44	1 40	1 56	2 20	22 59	0 59	12 49	0 43	17 52	1 31	13 5	0 18	23 37	0 7	9 15	7 6	19 34	19 41	21 23		n.a.
S 19	17 12	11 48	2 53	20 14	1 44	1 30	2 22	23 6	1 0	12 54	0 43	17 50	1 31	13 6	0 18	23 38	0 7	9 15	7 6	19 34	19 40	21 23		n.a.
M20	17 30	15 55	1 39	20 43	1 48	1 4	2 23	23 14	1 0	12 58	0 43	17 49	1 31	13 7	0 18	23 38	0 7	9 16	7 6	19 34	19 39	21 22		n.a.
T 21	17 47	19 4	0 17	21 11	1 51	0 37	2 25	23 22	1 0	13 3	0 43	17 48	1 31	13 8	0 18	23 38	0 7	9 17	7 6	19 34	19 39	21 22		n.a.
W22	18 4	20 54	1n 6	21 38	1 54	0 11	2 26	23 29	1 1	13 8	0 43	17 47	1 31	13 10	0 18	23 38	0 7	9 18	7 6	19 34	19 38	21 22		n.a.
T 23	18 21	21 14	2 25	22 3	1 57	0s16	2 27	23 36	1 1	13 12	0 43	17 46	1 31	13 11	0 18	23 38	0 7	9 18	7 6	19 34	19 37	21 22		n.a.
F 24	18 37	20 4	3 33	22 27	1 59	0 42	2 28	23 42	1 1	13 17	0 43	17 45	1 31	13 12	0 18	23 38	0 7	9 19	7 6	19 34	19 36	21 22		n.a.
S 25	18 53	17 35	4 25	22 50	2 2	1 9	2 28	23 49	1 2	13 21	0 43	17 44	1 31	13 13	0 18	23 38	0 7	9 20	7 6	19 34	19 36	21 22		n.a.
S 26	19 8	14 5	5 0	23 12	2 3	1 36	2 29	23 55	1 2	13 26	0 43	17 42	1 30	13 14	0 18	23 38	0 7	9 21	7 6	19 34	19 35	21 21		n.a.
M27	19 23	9 55	5 17	23 32	2 5	2 3	2 29	24 1	1 2	13 30	0 42	17 41	1 30	13 16	0 18	23 38	0 7	9 21	7 5	19 34	19 34	21 21		n.a.
T 28	19 38	5 22	5 15	23 51	2 6	2 31	2 30	24 6	1 2	13 35	0 42	17 40	1 30	13 17	0 18	23 38	0 7	9 22	7 5	19 34	19 33	21 21		n.a.
W29	19 52	0 41	4 57	24 8	2 6	2 58	2 30	24 11	1 3	13 39	0 42	17 39	1 30	13 18	0 18	23 38	0 7	9 23	7 5	19 34	19 33	21 21		n.a.
T 30	20s 7	3n56	4n25	24s23	2s 6	3s25	2n30	24s16	1s 3	13s44	0n42	17n38	1s30	13s19	0n18	23n38	0s 7	9s23	7n 5	19s34	19s32	21n21		n.a.

Julian Day Number = 1280140.5, Delta T = 08h08m55s
Ecliptic obliquity = 23°50'13, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°45'03, Lahiri = -20°38'03 Julian Calendar 1 Nov. 1209 BCE == Greg. Calendar 21 Oct. 1209 BCE

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ASTRODIENST EPHEMERIS for the year 1209 BCE
geocentric

DECEMBER 1209 BCE (-1208) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 55 41	29♏18'48	12♈15	11♐35	15♎26	18♐11	8♏11	23°R55	5♏38	4°R48	13♏32	25♏58	25♏46	17♊55	n.a.	F 1
S 2	3 59 37	0♐20'03	24°33	13°14	16°36	18°59	8°24	23♉50	5°42	4♋47	13°34	25°59	25°43	18° 2	n.a.	S 2
S 3	4 3 34	1°21'18	6♉41	14°51	17°46	19°46	8°37	23°45	5°45	4°46	13°36	25°59	25°40	18° 9	n.a.	S 3
M 4	4 7 30	2°22'31	18°40	16°28	18°56	20°33	8°51	23°40	5°49	4°44	13°38	26° 0	25°36	18°15	n.a.	M 4
T 5	4 11 27	3°23'45	0♊34	18° 5	20° 7	21°21	9° 4	23°35	5°52	4°43	13°40	26°R 0	25°33	18°22	n.a.	T 5
W 6	4 15 24	4°24'57	12°24	19°40	21°17	22° 8	9°17	23°31	5°55	4°42	13°42	25°59	25°30	18°29	n.a.	W 6
T 7	4 19 20	5°26'09	24°13	21°14	22°28	22°55	9°30	23°26	5°59	4°40	13°44	25°58	25°27	18°35	n.a.	T 7
F 8	4 23 17	6°27'21	6♋ 2	22°46	23°38	23°43	9°43	23°21	6° 2	4°39	13°47	25°57	25°24	18°42	n.a.	F 8
S 9	4 27 13	7°28'32	17°54	24°17	24°49	24°30	9°56	23°16	6° 5	4°37	13°49	25°55	25°21	18°49	n.a.	S 9
S 10	4 31 10	8°29'42	29°51	25°45	26° 0	25°17	10° 9	23°11	6° 9	4°36	13°51	25°53	25°17	18°55	n.a.	S 10
M11	4 35 6	9°30'51	11♌58	27°10	27°11	26° 5	10°22	23° 7	6°12	4°34	13°53	25°52	25°14	19° 2	n.a.	M11
T 12	4 39 3	10°32'00	24°17	28°32	28°22	26°52	10°34	23° 2	6°15	4°33	13°55	25°50	25°11	19° 9	n.a.	T 12
W13	4 43 0	11°33'09	6♍52	29°49	29°33	27°39	10°47	22°57	6°18	4°31	13°57	25°D50	25° 8	19°15	n.a.	W13
T 14	4 46 56	12°34'16	19°48	1♎ 2	0♏44	28°27	11° 0	22°53	6°21	4°30	13°59	25°50	25° 5	19°22	n.a.	T 14
F 15	4 50 53	13°35'23	3♎ 7	2°10	1°56	29°14	11°13	22°48	6°24	4°28	14° 1	25°50	25° 1	19°29	n.a.	F 15
S 16	4 54 49	14°36'30	16°52	3°11	3° 7	0♎ 2	11°25	22°44	6°28	4°27	14° 3	25°52	24°58	19°35	n.a.	S 16
S 17	4 58 46	15°37'35	1♏ 4	4° 5	4°18	0°49	11°38	22°39	6°31	4°25	14° 5	25°53	24°55	19°42	n.a.	S 17
M18	5 2 42	16°38'40	15°42	4°52	5°30	1°36	11°50	22°35	6°34	4°24	14° 7	25°54	24°52	19°49	n.a.	M18
T 19	5 6 39	17°39'44	0♐40	5°29	6°41	2°24	12° 3	22°31	6°37	4°22	14° 9	25°R54	24°49	19°55	n.a.	T 19
W20	5 10 35	18°40'47	15°52	5°57	7°53	3°11	12°15	22°27	6°40	4°20	14°11	25°53	24°46	20° 2	n.a.	W20
T 21	5 14 32	19°41'49	1♎ 8	6°15	9° 5	3°58	12°27	22°22	6°43	4°19	14°13	25°51	24°42	20° 9	n.a.	T 21
F 22	5 18 29	20°42'50	16°17	6°R21	10°17	4°46	12°40	22°18	6°45	4°17	14°15	25°48	24°39	20°15	n.a.	F 22
S 23	5 22 25	21°43'49	1♒11	6°17	11°29	5°33	12°52	22°14	6°48	4°16	14°16	25°44	24°36	20°22	n.a.	S 23
S 24	5 26 22	22°44'47	15°41	6° 2	12°40	6°20	13° 4	22°10	6°51	4°14	14°18	25°41	24°33	20°29	n.a.	S 24
M25	5 30 18	23°45'43	29°44	5°35	13°52	7° 8	13°16	22° 6	6°54	4°12	14°20	25°38	24°30	20°35	n.a.	M25
T 26	5 34 15	24°46'37	13♓19	4°58	15° 4	7°55	13°28	22° 3	6°57	4°11	14°22	25°36	24°27	20°42	n.a.	T 26
W27	5 38 11	25°47'30	26°27	4°11	16°16	8°42	13°40	21°59	7° 0	4° 9	14°24	25°D35	24°23	20°49	n.a.	W27
T 28	5 42 8	26°48'21	9♈10	3°15	17°29	9°29	13°52	21°55	7° 2	4° 7	14°25	25°36	24°20	20°55	n.a.	T 28
F 29	5 46 4	27°49'10	21°35	2°13	18°41	10°17	14° 3	21°52	7° 5	4° 6	14°27	25°37	24°17	21° 2	n.a.	F 29
S 30	5 50 1	28°49'58	3♉44	1° 6	19°53	11° 4	14°15	21°48	7° 7	4° 4	14°29	25°39	24°14	21° 9	n.a.	S 30
S 31	5 53 58	29♐50'44	15♉42	29♐55	21♏ 5	11♎51	14♏27	21♉45	7♏10	4♋ 2	14♏31	25♏41	24♏11	21♊15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s20	8n17	3n40	24s37	2s 5	3s52	2n30	24s21	1s 3	13s48	0n42	17n37	1s30	13s20	0n18	23n38	0s 7	9s24	7n 5	19s34	19s31	21n20		n.a.
S 2	20 33	12 14	2 46	24 49	2 4	4 20	2 30	24 25	1 3	13 52	0 42	17 36	1 30	13 21	0 18	23 38	0 7	9 25	7 5	19 34	19 30	21 20		n.a.
S 3	20 46	15 37	1 45	24 59	2 2	4 47	2 30	24 29	1 4	13 57	0 42	17 34	1 30	13 23	0 18	23 38	0 7	9 25	7 5	19 34	19 30	21 20		n.a.
M 4	20 59	18 19	0 41	25 7	2 0	5 14	2 29	24 33	1 4	14 1	0 42	17 33	1 30	13 24	0 18	23 38	0 7	9 26	7 5	19 34	19 29	21 20		n.a.
T 5	21 11	20 12	0s25	25 14	1 57	5 42	2 29	24 37	1 4	14 5	0 42	17 32	1 29	13 25	0 18	23 38	0 7	9 27	7 5	19 34	19 28	21 20		n.a.
W 6	21 23	21 10	1 30	25 18	1 53	6 9	2 28	24 40	1 4	14 10	0 42	17 31	1 29	13 26	0 18	23 38	0 7	9 27	7 5	19 34	19 27	21 19		n.a.
T 7	21 34	21 12	2 30	25 21	1 49	6 36	2 28	24 43	1 4	14 14	0 42	17 30	1 29	13 27	0 18	23 39	0 7	9 28	7 5	19 34	19 26	21 19		n.a.
F 8	21 45	20 18	3 25	25 21	1 43	7 3	2 27	24 46	1 5	14 18	0 42	17 29	1 29	13 28	0 18	23 39	0 7	9 29	7 5	19 34	19 26	21 19		n.a.
S 9	21 55	18 29	4 10	25 19	1 37	7 30	2 26	24 48	1 5	14 22	0 42	17 28	1 29	13 29	0 18	23 39	0 7	9 29	7 5	19 33	19 25	21 19		n.a.
S 10	22 5	15 53	4 45	25 16	1 30	7 57	2 25	24 50	1 5	14 27	0 42	17 27	1 29	13 30	0 18	23 39	0 7	9 30	7 5	19 33	19 24	21 18		n.a.
M11	22 15	12 34	5 8	25 10	1 22	8 24	2 24	24 52	1 5	14 31	0 42	17 26	1 29	13 32	0 18	23 39	0 7	9 30	7 5	19 32	19 23	21 18		n.a.
T 12	22 24	8 40	5 17	25 2	1 13	8 51	2 23	24 53	1 5	14 35	0 42	17 25	1 28	13 33	0 18	23 39	0 7	9 31	7 5	19 32	19 23	21 18		n.a.
W13	22 33	4 20	5 11	24 53	1 3	9 17	2 22	24 54	1 5	14 39	0 42	17 24	1 28	13 34	0 18	23 39	0 7	9 32	7 5	19 32	19 22	21 18		n.a.
T 14	22 41	0s19	4 50	24 42	0 52	9 44	2 20	24 55	1 6	14 43	0 42	17 23	1 28	13 35	0 18	23 39	0 7	9 32	7 5	19 32	19 21	21 17		n.a.
F 15	22 49	5 6	4 12	24 29	0 40	10 10	2 19	24 56	1 6	14 47	0 42	17 22	1 28	13 36	0 18	23 39	0 7	9 33	7 5	19 32	19 20	21 17		n.a.
S 16	22 56	9 48	3 20	24 14	0 26	10 36	2 17	24 56	1 6	14 51	0 42	17 21	1 28	13 37	0 18	23 39	0 7	9 33	7 5	19 33	19 20	21 17		n.a.
S 17	23 3	14 7	2 13	23 58	0 12	11 2	2 16	24 56	1 6	14 55	0 42	17 20	1 28	13 38	0 18	23 39	0 7	9 34	7 5	19 33	19 19	21 16		n.a.
M18	23 9	17 42	0 56	23 42	0n 3	11 28	2 14	24 56	1 6	14 59	0 42	17 19	1 27	13 39	0 18	23 39	0 7	9 34	7 5	19 33	19 18	21 16		n.a.
T 19	23 15	20 12	0n26	23 24	0 19	11 54	2 12	24 55	1 6	15 3	0 42	17 18	1 27	13 40	0 18	23 39	0 6	9 35	7 5	19 33	19 17	21 16		n.a.
W20	23 21	21 17	1 48	23 6	0 36	12 19	2 10	24 54	1 6	15 7	0 42	17 17	1 27	13 41	0 18	23 39	0 6	9 35	7 5	19 33	19 16	21 16		n.a.
T 21	23 26	20 48	3 2	22 47	0 54	12 44	2 9	24 53	1 6	15 10	0 42	17 16	1 27	13 42	0 18	23 39	0 6	9 36	7 5	19 32	19 16	21 15		n.a.
F 22	23 30	18 48	4 3	22 29	1 12	13 9	2 7	24 51	1 6	15 14	0 41	17 15	1 27	13 43	0 18	23 39	0 6	9 37	7 5	19 32	19 15	21 15		n.a.
S 23	23 34	15 35	4 46	22 11	1 30	13 33	2 4	24 49	1 6	15 18	0 41	17 14	1 27	13 44	0 18	23 40	0 6	9 37	7 5	19 31	19 14	21 15		n.a.
S 24	23 38	11 28	5 10	21 53	1 49	13 57	2 2	24 47	1 7	15 22	0 41	17 13	1 26	13 45	0 18	23 40	0 6	9 38	7 5	19 30	19 13	21 14		n.a.
M25	23 41	6 52	5 14	21 36	2 7	14 21	2 0	24 45	1 7	15 25	0 41	17 13	1 26	13 46	0 18	23 40	0 6	9 38	7 5	19 29	19 12	21 14		n.a.
T 26	23 44	2 4	4 59	21 20	2 25	14 45	1 58	24 42	1 7	15 29	0 41	17 12	1 26	13 47	0 18	23 40	0 6	9 39	7 5	19 29	19 12	21 14		n.a.
W27	23 46	2n41	4 30	21 5	2 41	15 8	1 56	24 39	1 7	15 33	0 41	17 11	1 26	13 47	0 18	23 40	0 6	9 39	7 6	19 28	19 11	21 13		n.a.
T 28	23 48	7 11	3 48	20 51	2 57	15 31	1 53	24 36	1 7	15 36	0 41	17 10	1 26	13 48	0 18	23 40	0 6	9 39	7 6	19 29	19 10	21 13		n.a.
F 29	23 49	11 16	2 56	20 39	3 10	15 54	1 51	24 32	1 7	15 40	0 41	17 10	1 25	13 49	0 18	23 40	0 6	9 40	7 6	19 29	19 9	21 13		n.a.
S 30	23 50	14 48	1 57	20 28	3 22	16 16	1 48	24 29	1 7	15 43	0 41	17 9	1 25	13 50	0 18	23 40	0 6	9 40	7 6	19 29	19 8	21 12		n.a.
S 31	23s50	17n41	0n54	20s19	3n32	16s38	1n46	24s24	1s 7	15s47	0n41	17n 8	1s25	13s51	0n18	23n40	0s 6	9s41	7n 6	19s30	19s 8	21n12		n.a.

Julian Day Number = 1280170.5, Delta T = 08h08m54s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'59, Lahiri = -20°37'59 Julian Calendar 1 Dec. 1209 BCE == Greg. Calendar 20 Nov. 1209 BCE

The year -1208 astronomical counting style corresponds to year 1209 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1208 BCE
geocentric

JANUARY 1208 BCE (-1207) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 57 54	0♉51'28	27♉34	28°R43	22♏17	12♉38	14♏38	21°R42	7♏13	4°R 1	14♏32	25°R41	24♏ 7	21♊22	n.a.	M 1
T 2	6 1 51	1°52'10	9♊22	27♐33	23°30	13°26	14°50	21♉38	7°15	3♋59	14°34	25♏40	24° 4	21°29	n.a.	T 2
W 3	6 5 47	2°52'51	21°10	26°24	24°42	14°13	15° 1	21°35	7°18	3°57	14°36	25°37	24° 1	21°35	n.a.	W 3
T 4	6 9 44	3°53'31	2♋59	25°20	25°54	15° 0	15°12	21°32	7°20	3°56	14°37	25°32	23°58	21°42	n.a.	T 4
F 5	6 13 40	4°54'08	14°53	24°22	27° 7	15°47	15°23	21°29	7°22	3°54	14°39	25°26	23°55	21°49	n.a.	F 5
S 6	6 17 37	5°54'44	26°52	23°30	28°19	16°34	15°35	21°26	7°25	3°52	14°40	25°18	23°52	21°55	n.a.	S 6
S 7	6 21 34	6°55'19	8♌58	22°45	29°32	17°21	15°46	21°24	7°27	3°51	14°42	25°10	23°48	22° 2	n.a.	S 7
M 8	6 25 30	7°55'52	21°13	22° 8	0♐44	18° 8	15°56	21°21	7°29	3°49	14°44	25° 2	23°45	22° 9	n.a.	M 8
T 9	6 29 27	8°56'23	3♍38	21°38	1°57	18°55	16° 7	21°18	7°32	3°47	14°45	24°56	23°42	22°15	n.a.	T 9
W10	6 33 23	9°56'52	16°17	21°16	3° 9	19°42	16°18	21°16	7°34	3°46	14°47	24°51	23°39	22°22	n.a.	W10
T 11	6 37 20	10°57'21	29°11	21° 2	4°22	20°29	16°29	21°14	7°36	3°44	14°48	24°48	23°36	22°29	n.a.	T 11
F 12	6 41 16	11°57'47	12♎23	20°D55	5°35	21°16	16°39	21°11	7°38	3°42	14°49	24°D47	23°33	22°35	n.a.	F 12
S 13	6 45 13	12°58'12	25°57	20°55	6°47	22° 3	16°50	21° 9	7°40	3°41	14°51	24°48	23°29	22°42	n.a.	S 13
S 14	6 49 9	13°58'36	9♏54	21° 2	8° 0	22°50	17° 0	21° 7	7°42	3°39	14°52	24°49	23°26	22°48	n.a.	S 14
M15	6 53 6	14°58'58	24°15	21°15	9°13	23°37	17°10	21° 5	7°44	3°37	14°54	24°R50	23°23	22°55	n.a.	M15
T 16	6 57 2	15°59'19	8♐58	21°34	10°26	24°24	17°20	21° 3	7°46	3°36	14°55	24°49	23°20	23° 2	n.a.	T 16
W17	7 0 59	16°59'37	23°57	21°59	11°38	25°11	17°30	21° 2	7°48	3°34	14°56	24°46	23°17	23° 8	n.a.	W17
T 18	7 4 56	17°59'55	9♉ 6	22°28	12°51	25°58	17°40	21° 0	7°50	3°32	14°57	24°41	23°13	23°15	n.a.	T 18
F 19	7 8 52	19° 0'10	24°16	23° 2	14° 4	26°45	17°50	20°59	7°51	3°31	14°59	24°33	23°10	23°22	n.a.	F 19
S 20	7 12 49	20° 0'23	9♒14	23°41	15°17	27°31	18° 0	20°57	7°53	3°29	15° 0	24°24	23° 7	23°28	n.a.	S 20
S 21	7 16 45	21° 0'34	23°54	24°24	16°30	28°18	18° 9	20°56	7°55	3°28	15° 1	24°15	23° 4	23°35	n.a.	S 21
M22	7 20 42	22° 0'42	8♓ 7	25°10	17°42	29° 5	18°19	20°55	7°56	3°26	15° 2	24° 7	23° 1	23°42	n.a.	M22
T 23	7 24 38	23° 0'49	21°51	26° 0	18°55	29°52	18°28	20°54	7°58	3°24	15° 3	24° 1	22°58	23°48	n.a.	T 23
W24	7 28 35	24° 0'53	5♈ 6	26°53	20° 8	0♒38	18°37	20°53	7°59	3°23	15° 4	23°57	22°54	23°55	n.a.	W24
T 25	7 32 31	25° 0'55	17°55	27°49	21°21	1°25	18°46	20°52	8° 1	3°21	15° 5	23°55	22°51	24° 2	n.a.	T 25
F 26	7 36 28	26° 0'54	0♉20	28°48	22°34	2°11	18°55	20°51	8° 2	3°20	15° 6	23°D55	22°48	24° 8	n.a.	F 26
S 27	7 40 25	27° 0'51	12°28	29°50	23°47	2°58	19° 4	20°51	8° 4	3°18	15° 7	23°55	22°45	24°15	n.a.	S 27
S 28	7 44 21	28° 0'46	24°24	0♉54	25° 0	3°45	19°13	20°50	8° 5	3°17	15° 8	23°R56	22°42	24°22	n.a.	S 28
M29	7 48 18	29° 0'39	6♊13	2° 0	26°13	4°31	19°22	20°50	8° 6	3°15	15° 9	23°55	22°39	24°28	n.a.	M29
T 30	7 52 14	0♒ 0'29	18° 0	3° 9	27°26	5°17	19°30	20°50	8° 8	3°14	15°10	23°52	22°35	24°35	n.a.	T 30
W31	7 56 11	1♒ 0'17	29♊48	4♉20	28♐39	6♒ 4	19♏39	20♉49	8♏ 9	3♋12	15♏11	23♏46	22♏32	24♊42	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23s50	19n47	0s10	20s11	3n39	16s59	1n43	24s20	1s 7	15s50	0n41	17n 8	1s25	13s52	0n18	23n40	0s 6	9s41	7n 6	19s30	19s 7	21n12			n.a.
T 2	23 49	21 0	1 14	20 5	3 44	17 20	1 40	24 15	1 7	15 54	0 41	17 7	1 25	13 53	0 18	23 40	0 6	9 42	7 6	19 30	19 6	21 11			n.a.
W 3	23 48	21 18	2 15	20 1	3 46	17 41	1 38	24 10	1 7	15 57	0 41	17 6	1 24	13 53	0 18	23 40	0 6	9 42	7 6	19 29	19 5	21 11			n.a.
T 4	23 47	20 39	3 9	19 59	3 46	18 1	1 35	24 5	1 7	16 1	0 41	17 6	1 24	13 54	0 18	23 40	0 6	9 42	7 6	19 28	19 4	21 11			n.a.
F 5	23 45	19 5	3 56	19 58	3 45	18 21	1 32	23 59	1 7	16 4	0 41	17 5	1 24	13 55	0 18	23 40	0 6	9 43	7 6	19 26	19 4	21 10			n.a.
S 6	23 42	16 41	4 32	20 0	3 41	18 40	1 29	23 54	1 7	16 7	0 41	17 5	1 24	13 56	0 18	23 40	0 6	9 43	7 6	19 24	19 3	21 10			n.a.
S 7	23 39	13 32	4 57	20 3	3 35	18 59	1 26	23 48	1 7	16 10	0 41	17 4	1 24	13 57	0 18	23 41	0 6	9 44	7 6	19 22	19 2	21 10			n.a.
M 8	23 36	9 48	5 8	20 8	3 29	19 17	1 23	23 41	1 7	16 14	0 41	17 4	1 23	13 57	0 18	23 41	0 6	9 44	7 6	19 20	19 1	21 9			n.a.
T 9	23 32	5 36	5 6	20 14	3 20	19 35	1 21	23 35	1 7	16 17	0 41	17 3	1 23	13 58	0 18	23 41	0 6	9 44	7 6	19 19	19 0	21 9			n.a.
W10	23 27	1 5	4 48	20 22	3 11	19 52	1 18	23 28	1 7	16 20	0 41	17 3	1 23	13 59	0 18	23 41	0 6	9 45	7 7	19 18	19 0	21 8			n.a.
T 11	23 23	3s34	4 16	20 31	3 1	20 9	1 15	23 20	1 7	16 23	0 41	17 2	1 23	13 59	0 18	23 41	0 6	9 45	7 7	19 17	18 59	21 8			n.a.
F 12	23 17	8 10	3 29	20 41	2 51	20 25	1 12	23 13	1 7	16 26	0 41	17 2	1 22	14 0	0 18	23 41	0 6	9 45	7 7	19 17	18 58	21 8			n.a.
S 13	23 12	12 30	2 30	20 52	2 40	20 41	1 9	23 5	1 6	16 29	0 41	17 2	1 22	14 1	0 18	23 41	0 6	9 46	7 7	19 17	18 57	21 7			n.a.
S 14	23 5	16 17	1 20	21 4	2 28	20 56	1 6	22 57	1 6	16 32	0 41	17 1	1 22	14 1	0 18	23 41	0 6	9 46	7 7	19 17	18 56	21 7			n.a.
M15	22 59	19 12	0 3	21 16	2 17	21 10	1 2	22 49	1 6	16 35	0 41	17 1	1 22	14 2	0 18	23 41	0 6	9 46	7 7	19 17	18 56	21 6			n.a.
T 16	22 52	20 55	1n15	21 29	2 5	21 24	0 59	22 41	1 6	16 38	0 41	17 1	1 22	14 3	0 18	23 41	0 6	9 46	7 7	19 17	18 55	21 6			n.a.
W17	22 44	21 12	2 30	21 42	1 53	21 38	0 56	22 32	1 6	16 41	0 41	17 0	1 21	14 3	0 18	23 41	0 6	9 47	7 7	19 16	18 54	21 6			n.a.
T 18	22 36	19 57	3 35	21 56	1 42	21 50	0 53	22 23	1 6	16 44	0 41	17 0	1 21	14 4	0 18	23 41	0 6	9 47	7 7	19 15	18 53	21 5			n.a.
F 19	22 28	17 17	4 25	22 9	1 30	22 2	0 50	22 14	1 6	16 46	0 41	17 0	1 21	14 4	0 18	23 41	0 6	9 47	7 7	19 13	18 52	21 5			n.a.
S 20	22 19	13 30	4 55	22 23	1 18	22 14	0 47	22 5	1 6	16 49	0 41	17 0	1 21	14 5	0 18	23 41	0 6	9 48	7 8	19 11	18 52	21 4			n.a.
S 21	22 10	8 58	5 6	22 36	1 7	22 25	0 44	21 55	1 6	16 52	0 41	17 0	1 20	14 6	0 18	23 41	0 6	9 48	7 8	19 9	18 51	21 4			n.a.
M22	22 0	4 5	4 57	22 49	0 56	22 35	0 41	21 45	1 6	16 55	0 41	17 0	1 20	14 6	0 18	23 41	0 6	9 48	7 8	19 7	18 50	21 3			n.a.
T 23	21 50	0n51	4 31	23 2	0 44	22 45	0 37	21 35	1 5	16 57	0 41	17 0	1 20	14 7	0 18	23 41	0 6	9 48	7 8	19 5	18 49	21 3			n.a.
W24	21 40	5 35	3 51	23 14	0 34	22 54	0 34	21 24	1 5	17 0	0 41	17 0	1 20	14 7	0 18	23 42	0 6	9 48	7 8	19 4	18 48	21 2			n.a.
T 25	21 29	9 55	3 0	23 26	0 23	23 2	0 31	21 14	1 5	17 2	0 41	17 0	1 19	14 8	0 18	23 42	0 6	9 49	7 8	19 4	18 48	21 2			n.a.
F 26	21 18	13 41	2 3	23 37	0 13	23 9	0 28	21 3	1 5	17 5	0 41	17 0	1 19	14 8	0 18	23 42	0 6	9 49	7 8	19 4	18 47	21 2			n.a.
S 27	21 6	16 48	1 1	23 47	0 3	23 16	0 25	20 52	1 5	17 7	0 41	17 0	1 19	14 8	0 18	23 42	0 6	9 49	7 8	19 4	18 46	21 1			n.a.
S 28	20 54	19 9	0s 3	23 57	0s 7	23 23	0 22	20 41	1 5	17 10	0 41	17 0	1 19	14 9	0 18	23 42	0 6	9 49	7 8	19 4	18 45	21 1			n.a.
M29	20 42	20 38	1 5	24 5	0 16	23 28	0 19	20 29	1 4	17 12	0 41	17 0	1 18	14 9	0 18	23 42	0 6	9 49	7 9	19 4	18 44	21 0			n.a.
T 30	20 29	21 13	2 5	24 13	0 25	23 33	0 16	20 18	1 4	17 14	0 41	17 0	1 18	14 10	0 18	23 42	0 6	9 49	7 9	19 3	18 43	21 0			n.a.
W31	20s16	20n51	2s59	24s20	0s34	23s37	0n13	20s 6	1s 4	17s17	0n41	17n 0	1s18	14s10	0n18	23n42	0s 6	9s50	7n 9	19s 2	18s43	20n59			n.a.

Julian Day Number = 1280201.5, Delta T = 08h08m52s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'55, Lahiri = -20°37'55 Julian Calendar 1 Jan. 1208 BCE == Greg. Calendar 21 Dec. 1209 BCE

The year -1207 astronomical counting style corresponds to year 1208 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1208 BCE
geocentric

FEBRUARY 1208 BCE (-1207) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 0 7	2♒ 0'03	11♋42	5♉32	29♐52	6♒50	19♏47	20°D49	8♏10	3°R11	15♏12	23°R38	22♏29	24♊49	n.a.	T 1
F 2	8 4 4	2°59'46	23°42	6°47	1♉ 5	7°37	19°55	20♉49	8°11	3♋ 9	15°13	23♏27	22°26	24°55	n.a.	F 2
S 3	8 8 0	3°59'27	5♌52	8° 3	2°18	8°23	20° 3	20°50	8°12	3° 8	15°14	23°15	22°23	25° 2	n.a.	S 3
S 4	8 11 57	4°59'06	18°11	9°21	3°31	9° 9	20°11	20°50	8°13	3° 7	15°14	23° 2	22°19	25° 9	n.a.	S 4
M 5	8 15 54	5°58'43	0♍40	10°41	4°44	9°55	20°18	20°50	8°14	3° 5	15°15	22°49	22°16	25°15	n.a.	M 5
T 6	8 19 50	6°58'18	13°20	12° 2	5°57	10°42	20°26	20°51	8°15	3° 4	15°16	22°38	22°13	25°22	n.a.	T 6
W 7	8 23 47	7°57'51	26°11	13°25	7°10	11°28	20°33	20°51	8°15	3° 3	15°16	22°29	22°10	25°29	n.a.	W 7
T 8	8 27 43	8°57'22	9♎14	14°50	8°23	12°14	20°41	20°52	8°16	3° 1	15°17	22°23	22° 7	25°35	n.a.	T 8
F 9	8 31 40	9°56'51	22°31	16°16	9°36	13° 0	20°48	20°53	8°17	3° 0	15°18	22°20	22° 4	25°42	n.a.	F 9
S 10	8 35 36	10°56'18	6♏ 3	17°43	10°49	13°46	20°55	20°54	8°18	2°59	15°18	22°19	22° 0	25°49	n.a.	S 10
S 11	8 39 33	11°55'43	19°51	19°12	12° 2	14°32	21° 2	20°55	8°18	2°57	15°19	22°19	21°57	25°55	n.a.	S 11
M12	8 43 29	12°55'06	3♐57	20°42	13°15	15°18	21° 8	20°56	8°19	2°56	15°19	22°19	21°54	26° 2	n.a.	M12
T 13	8 47 26	13°54'28	18°21	22°14	14°28	16° 4	21°15	20°58	8°19	2°55	15°20	22°17	21°51	26° 9	n.a.	T 13
W14	8 51 22	14°53'47	2♑59	23°47	15°41	16°50	21°21	20°59	8°20	2°54	15°20	22°13	21°48	26°15	n.a.	W14
T 15	8 55 19	15°53'05	17°47	25°21	16°54	17°35	21°28	21° 0	8°20	2°53	15°20	22° 6	21°44	26°22	n.a.	T 15
F 16	8 59 16	16°52'20	2♒38	26°57	18° 7	18°21	21°34	21° 2	8°20	2°52	15°21	21°56	21°41	26°29	n.a.	F 16
S 17	9 3 12	17°51'34	17°24	28°34	19°20	19° 7	21°40	21° 4	8°21	2°51	15°21	21°44	21°38	26°35	n.a.	S 17
S 18	9 7 9	18°50'45	1♓55	0♒12	20°34	19°53	21°45	21° 6	8°21	2°49	15°21	21°32	21°35	26°42	n.a.	S 18
M19	9 11 5	19°49'54	16° 6	1°52	21°47	20°38	21°51	21° 8	8°21	2°48	15°22	21°21	21°32	26°49	n.a.	M19
T 20	9 15 2	20°49'00	29°51	3°34	23° 0	21°24	21°56	21°10	8°21	2°47	15°22	21°12	21°29	26°55	n.a.	T 20
W21	9 18 58	21°48'04	13♈ 9	5°16	24°13	22°10	22° 2	21°12	8°21	2°46	15°22	21° 6	21°25	27° 2	n.a.	W21
T 22	9 22 55	22°47'06	26° 1	7° 0	25°26	22°55	22° 7	21°14	8°R21	2°45	15°22	21° 2	21°22	27° 9	n.a.	T 22
F 23	9 26 51	23°46'05	8♉30	8°46	26°39	23°41	22°12	21°17	8°21	2°44	15°22	21° 0	21°19	27°15	n.a.	F 23
S 24	9 30 48	24°45'02	20°41	10°33	27°52	24°26	22°17	21°19	8°21	2°44	15°23	21° 0	21°16	27°22	n.a.	S 24
S 25	9 34 44	25°43'57	2♊39	12°21	29° 5	25°11	22°21	21°22	8°21	2°43	15°23	21° 0	21°13	27°29	n.a.	S 25
M26	9 38 41	26°42'49	14°29	14°11	0♒19	25°57	22°26	21°24	8°21	2°42	15°23	20°59	21°10	27°35	n.a.	M26
T 27	9 42 38	27°41'39	26°17	16° 2	1°32	26°42	22°30	21°27	8°21	2°41	15°R23	20°56	21° 6	27°42	n.a.	T 27
W28	9 46 34	28♒40'26	8♋ 8	17♒55	2♒45	27♒27	22♏34	21♉30	8♏20	2♋40	15♏23	20♏51	21♏ 3	27♊49	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 3	19n34	3s45	24s25	0s42	23s41	0n10	19s54	1s 4	17s19	0n41	17n 0	1s18	14s10	0n18	23n42	0s 6	9s50	7n 9	18s59	18s42	20n59		n.a.
F 2	19 49	17 25	4 22	24 30	0 50	23 43	0 6	19 42	1 4	17 21	0 41	17 1	1 18	14 11	0 18	23 42	0 6	9 50	7 9	18 57	18 41	20 58		n.a.
S 3	19 35	14 28	4 48	24 33	0 58	23 46	0 3	19 29	1 3	17 23	0 41	17 1	1 17	14 11	0 18	23 42	0 6	9 50	7 9	18 54	18 40	20 58		n.a.
S 4	19 20	10 52	5 0	24 35	1 6	23 47	0 0	19 17	1 3	17 25	0 41	17 1	1 17	14 11	0 18	23 42	0 6	9 50	7 9	18 50	18 39	20 57		n.a.
M 5	19 5	6 46	4 59	24 36	1 13	23 48	0s 2	19 4	1 3	17 27	0 41	17 2	1 17	14 12	0 18	23 42	0 6	9 50	7 10	18 47	18 38	20 57		n.a.
T 6	18 50	2 19	4 42	24 36	1 19	23 47	0 5	18 51	1 3	17 29	0 41	17 2	1 17	14 12	0 18	23 42	0 6	9 50	7 10	18 44	18 38	20 56		n.a.
W 7	18 35	2s18	4 11	24 34	1 26	23 47	0 8	18 38	1 3	17 31	0 41	17 2	1 16	14 12	0 18	23 42	0 6	9 50	7 10	18 42	18 37	20 56		n.a.
T 8	18 19	6 53	3 27	24 31	1 31	23 45	0 11	18 24	1 2	17 33	0 41	17 3	1 16	14 12	0 18	23 42	0 6	9 50	7 10	18 40	18 36	20 55		n.a.
F 9	18 3	11 14	2 31	24 26	1 37	23 43	0 14	18 11	1 2	17 35	0 41	17 3	1 16	14 13	0 18	23 42	0 6	9 50	7 10	18 39	18 35	20 55		n.a.
S 10	17 47	15 6	1 25	24 20	1 42	23 40	0 17	17 57	1 2	17 37	0 41	17 4	1 16	14 13	0 18	23 42	0 6	9 50	7 10	18 39	18 34	20 54		n.a.
S 11	17 30	18 12	0 13	24 12	1 47	23 37	0 20	17 43	1 2	17 39	0 41	17 4	1 15	14 13	0 18	23 42	0 6	9 50	7 10	18 39	18 33	20 54		n.a.
M12	17 13	20 17	1n 1	24 3	1 51	23 32	0 22	17 29	1 1	17 41	0 41	17 5	1 15	14 13	0 18	23 42	0 6	9 50	7 10	18 39	18 33	20 53		n.a.
T 13	16 56	21 6	2 13	23 52	1 55	23 27	0 25	17 15	1 1	17 42	0 41	17 5	1 15	14 13	0 18	23 43	0 6	9 50	7 11	18 39	18 32	20 53		n.a.
W14	16 38	20 31	3 17	23 39	1 59	23 21	0 28	17 1	1 1	17 44	0 41	17 6	1 15	14 14	0 18	23 43	0 6	9 50	7 11	18 38	18 31	20 52		n.a.
T 15	16 20	18 31	4 9	23 25	2 2	23 15	0 30	16 46	1 0	17 46	0 41	17 7	1 14	14 14	0 18	23 43	0 6	9 50	7 11	18 36	18 30	20 51		n.a.
F 16	16 2	15 17	4 44	23 9	2 4	23 8	0 33	16 32	1 0	17 47	0 41	17 7	1 14	14 14	0 18	23 43	0 6	9 50	7 11	18 33	18 29	20 51		n.a.
S 17	15 44	11 7	5 0	22 51	2 7	23 0	0 36	16 17	1 0	17 49	0 41	17 8	1 14	14 14	0 18	23 43	0 6	9 50	7 11	18 30	18 28	20 50		n.a.
S 18	15 25	6 22	4 56	22 32	2 8	22 52	0 38	16 2	1 0	17 50	0 41	17 9	1 14	14 14	0 18	23 43	0 6	9 50	7 11	18 27	18 28	20 50		n.a.
M19	15 7	1 23	4 33	22 11	2 10	22 43	0 41	15 47	0 59	17 52	0 41	17 9	1 14	14 14	0 18	23 43	0 6	9 50	7 11	18 24	18 27	20 49		n.a.
T 20	14 48	3n32	3 56	21 48	2 11	22 33	0 43	15 32	0 59	17 53	0 41	17 10	1 13	14 14	0 18	23 43	0 6	9 50	7 12	18 22	18 26	20 49		n.a.
W21	14 28	8 7	3 6	21 23	2 11	22 22	0 45	15 17	0 59	17 55	0 41	17 11	1 13	14 14	0 18	23 43	0 6	9 50	7 12	18 20	18 25	20 48		n.a.
T 22	14 9	12 12	2 8	20 56	2 11	22 11	0 48	15 1	0 58	17 56	0 41	17 12	1 13	14 14	0 18	23 43	0 6	9 50	7 12	18 19	18 24	20 48		n.a.
F 23	13 49	15 36	1 6	20 28	2 10	21 59	0 50	14 46	0 58	17 57	0 41	17 13	1 13	14 14	0 18	23 43	0 6	9 50	7 12	18 18	18 23	20 47		n.a.
S 24	13 29	18 15	0 2	19 57	2 9	21 47	0 52	14 30	0 58	17 59	0 41	17 14	1 12	14 14	0 18	23 43	0 6	9 50	7 12	18 18	18 23	20 46		n.a.
S 25	13 9	20 2	1s 1	19 25	2 8	21 34	0 54	14 14	0 57	18 0	0 41	17 14	1 12	14 14	0 18	23 43	0 6	9 50	7 12	18 18	18 22	20 46		n.a.
M26	12 49	20 55	2 1	18 51	2 5	21 20	0 56	13 58	0 57	18 1	0 41	17 15	1 12	14 14	0 18	23 43	0 6	9 50	7 12	18 18	18 21	20 45		n.a.
T 27	12 28	20 52	2 55	18 15	2 3	21 6	0 58	13 42	0 57	18 2	0 41	17 16	1 12	14 14	0 18	23 43	0 5	9 49	7 12	18 17	18 20	20 45		n.a.
W28	12s 8	19n53	3s42	17s37	2s 0	20s51	1s 0	13s26	0s56	18s 3	0n41	17n17	1s12	14s14	0n18	23n43	0s 5	9s49	7n13	18s16	18s19	20n44		n.a.

Julian Day Number = 1280232.5, Delta T = 08h08m51s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'51, Lahiri = -20°37'50 Julian Calendar 1 Feb. 1208 BCE == Greg. Calendar 21 Jan. 1208 BCE

The year -1207 astronomical counting style corresponds to year 1208 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1208 BCE
geocentric

MARCH 1208 BCE (-1207) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 50 31	29♒39'11	20♋ 6	19♒49	3♒58	28♒12	22♏38	21♉33	8°R20	2°R39	15°R23	20°R43	21♏ 0	27♊55	n.a.	T 1
F 2	9 54 27	0♓37'53	2♌14	21°44	5°11	28°57	22°42	21°36	8♏20	2♋39	15♏22	20♏32	20°57	28° 2	n.a.	F 2
S 3	9 58 24	1°36'34	14°34	23°41	6°24	29°43	22°45	21°39	8°19	2°38	15°22	20°20	20°54	28° 9	n.a.	S 3
S 4	10 2 20	2°35'12	27° 7	25°39	7°37	0♓28	22°49	21°43	8°19	2°37	15°22	20° 7	20°50	28°15	n.a.	S 4
M 5	10 6 17	3°33'48	9♍53	27°39	8°51	1°13	22°52	21°46	8°18	2°37	15°22	19°54	20°47	28°22	n.a.	M 5
T 6	10 10 13	4°32'22	22°53	29°40	10° 4	1°57	22°55	21°49	8°18	2°36	15°22	19°43	20°44	28°29	n.a.	T 6
W 7	10 14 10	5°30'54	6♎ 5	1♓43	11°17	2°42	22°58	21°53	8°17	2°35	15°22	19°34	20°41	28°35	n.a.	W 7
T 8	10 18 7	6°29'24	19°27	3°46	12°30	3°27	23° 1	21°57	8°16	2°35	15°21	19°28	20°38	28°42	n.a.	T 8
F 9	10 22 3	7°27'52	2♏59	5°51	13°43	4°12	23° 3	22° 0	8°16	2°34	15°21	19°25	20°35	28°49	n.a.	F 9
S 10	10 26 0	8°26'18	16°42	7°56	14°56	4°57	23° 5	22° 4	8°15	2°34	15°21	19°D24	20°31	28°55	n.a.	S 10
S 11	10 29 56	9°24'43	0♐34	10° 2	16° 9	5°41	23° 8	22° 8	8°14	2°33	15°20	19°24	20°28	29° 2	n.a.	S 11
M12	10 33 53	10°23'06	14°36	12° 9	17°23	6°26	23°10	22°12	8°13	2°33	15°20	19°R24	20°25	29° 9	n.a.	M12
T 13	10 37 49	11°21'28	28°48	14°17	18°36	7°11	23°11	22°16	8°12	2°33	15°19	19°23	20°22	29°15	n.a.	T 13
W14	10 41 46	12°19'48	13♑ 7	16°25	19°49	7°55	23°13	22°21	8°11	2°32	15°19	19°20	20°19	29°22	n.a.	W14
T 15	10 45 42	13°18'06	27°31	18°32	21° 2	8°40	23°14	22°25	8°10	2°32	15°18	19°14	20°16	29°29	n.a.	T 15
F 16	10 49 39	14°16'22	11♒57	20°39	22°15	9°24	23°16	22°29	8° 9	2°32	15°18	19° 6	20°12	29°35	n.a.	F 16
S 17	10 53 35	15°14'37	26°17	22°46	23°29	10° 9	23°17	22°34	8° 8	2°31	15°17	18°56	20° 9	29°42	n.a.	S 17
S 18	10 57 32	16°12'49	10♓26	24°52	24°42	10°53	23°17	22°38	8° 7	2°31	15°17	18°46	20° 6	29°49	n.a.	S 18
M19	11 1 29	17°11'00	24°20	26°56	25°55	11°37	23°18	22°43	8° 6	2°31	15°16	18°37	20° 3	29°55	n.a.	M19
T 20	11 5 25	18° 9'09	7♈53	28°59	27° 8	12°21	23°19	22°48	8° 4	2°31	15°16	18°29	20° 0	0♋ 2	n.a.	T 20
W21	11 9 22	19° 7'16	21° 4	1♈ 0	28°22	13° 6	23°19	22°52	8° 3	2°30	15°15	18°23	19°56	0° 9	n.a.	W21
T 22	11 13 18	20° 5'21	3♉53	2°59	29°35	13°50	23°R19	22°57	8° 2	2°30	15°14	18°20	19°53	0°15	n.a.	T 22
F 23	11 17 15	21° 3'24	16°22	4°55	0♓48	14°34	23°19	23° 2	8° 0	2°30	15°13	18°D19	19°50	0°22	n.a.	F 23
S 24	11 21 11	22° 1'25	28°34	6°49	2° 1	15°18	23°19	23° 7	7°59	2°30	15°13	18°19	19°47	0°29	n.a.	S 24
S 25	11 25 8	22°59'24	10♊33	8°40	3°14	16° 2	23°18	23°12	7°57	2°D30	15°12	18°20	19°44	0°36	n.a.	S 25
M26	11 29 4	23°57'21	22°26	10°28	4°28	16°46	23°17	23°18	7°56	2°30	15°11	18°R21	19°41	0°42	n.a.	M26
T 27	11 33 1	24°55'16	4♋16	12°12	5°41	17°30	23°17	23°23	7°54	2°30	15°10	18°20	19°37	0°49	n.a.	T 27
W28	11 36 57	25°53'09	16° 9	13°53	6°54	18°13	23°16	23°28	7°53	2°30	15° 9	18°18	19°34	0°56	n.a.	W28
T 29	11 40 54	26°51'00	28°10	15°31	8° 7	18°57	23°14	23°34	7°51	2°31	15° 9	18°14	19°31	1° 2	n.a.	T 29
F 30	11 44 51	27°48'50	10♌23	17° 5	9°20	19°41	23°13	23°39	7°50	2°31	15° 8	18° 8	19°28	1° 9	n.a.	F 30
S 31	11 48 47	28♓46'37	22♌50	18♈35	10♓34	20♓25	23♏11	23♉45	7♏48	2♋31	15♏ 7	18♏ 0	19♏25	1♋16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	11s47	18n 2	4s19	16s57	1s56	20s36	1s 2	13s10	0s56	18s 4	0n41	17n18	1s11	14s14	0n18	23n43	0s 5	9s49	7n13	18s14	18s18	20n43		n.a.	T 1
F 2	11 26	15 21	4 46	16 15	1 52	20 19	1 4	12 54	0 56	18 5	0 41	17 19	1 11	14 13	0 18	23 43	0 5	9 49	7 13	18 11	18 17	20 43		n.a.	F 2
S 3	11 5	11 58	4 59	15 31	1 47	20 3	1 6	12 37	0 55	18 6	0 41	17 20	1 11	14 13	0 18	23 43	0 5	9 49	7 13	18 7	18 17	20 42		n.a.	S 3
S 4	10 43	8 0	4 58	14 46	1 41	19 46	1 8	12 21	0 55	18 7	0 41	17 21	1 11	14 13	0 18	23 43	0 5	9 49	7 13	18 4	18 16	20 42		n.a.	S 4
M 5	10 22	3 38	4 43	13 59	1 35	19 28	1 10	12 4	0 55	18 8	0 41	17 22	1 10	14 13	0 18	23 43	0 5	9 48	7 13	18 0	18 15	20 41		n.a.	M 5
T 6	10 0	0s59	4 13	13 10	1 29	19 9	1 11	11 48	0 54	18 8	0 41	17 24	1 10	14 13	0 18	23 43	0 5	9 48	7 13	17 57	18 14	20 40		n.a.	T 6
W 7	9 39	5 38	3 28	12 19	1 22	18 51	1 13	11 31	0 54	18 9	0 41	17 25	1 10	14 13	0 18	23 43	0 5	9 48	7 13	17 55	18 13	20 40		n.a.	W 7
T 8	9 17	10 4	2 32	11 26	1 14	18 31	1 14	11 14	0 53	18 10	0 41	17 26	1 10	14 12	0 18	23 43	0 5	9 48	7 14	17 53	18 12	20 39		n.a.	T 8
F 9	8 55	14 3	1 26	10 32	1 6	18 11	1 16	10 57	0 53	18 10	0 41	17 27	1 10	14 12	0 18	23 43	0 5	9 48	7 14	17 52	18 11	20 38		n.a.	F 9
S 10	8 32	17 20	0 14	9 37	0 58	17 51	1 17	10 40	0 53	18 11	0 41	17 28	1 9	14 12	0 18	23 43	0 5	9 47	7 14	17 52	18 11	20 38		n.a.	S 10
S 11	8 10	19 39	0n59	8 41	0 48	17 30	1 18	10 23	0 52	18 12	0 41	17 30	1 9	14 12	0 18	23 43	0 5	9 47	7 14	17 52	18 10	20 37		n.a.	S 11
M12	7 48	20 47	2 10	7 43	0 39	17 9	1 20	10 6	0 52	18 12	0 41	17 31	1 9	14 11	0 18	23 43	0 5	9 47	7 14	17 52	18 9	20 37		n.a.	M12
T 13	7 25	20 37	3 13	6 44	0 29	16 47	1 21	9 49	0 51	18 13	0 41	17 32	1 9	14 11	0 18	23 43	0 5	9 47	7 14	17 52	18 8	20 36		n.a.	T 13
W14	7 3	19 7	4 5	5 44	0 19	16 24	1 22	9 31	0 51	18 13	0 42	17 33	1 9	14 11	0 18	23 43	0 5	9 47	7 14	17 51	18 7	20 35		n.a.	W14
T 15	6 40	16 24	4 42	4 44	0 8	16 2	1 23	9 14	0 51	18 13	0 42	17 35	1 8	14 10	0 18	23 43	0 5	9 46	7 14	17 49	18 6	20 35		n.a.	T 15
F 16	6 17	12 41	5 1	3 43	0n 2	15 39	1 24	8 57	0 50	18 14	0 42	17 36	1 8	14 10	0 18	23 44	0 5	9 46	7 15	17 47	18 5	20 34		n.a.	F 16
S 17	5 54	8 15	5 1	2 43	0 13	15 15	1 25	8 39	0 50	18 14	0 42	17 37	1 8	14 10	0 18	23 44	0 5	9 46	7 15	17 44	18 5	20 33		n.a.	S 17
S 18	5 32	3 26	4 42	1 42	0 24	14 51	1 26	8 22	0 49	18 14	0 42	17 39	1 8	14 9	0 18	23 44	0 5	9 46	7 15	17 42	18 4	20 33		n.a.	S 18
M19	5 9	1n29	4 7	0 42	0 36	14 27	1 27	8 4	0 49	18 14	0 42	17 40	1 8	14 9	0 19	23 44	0 5	9 45	7 15	17 39	18 3	20 32		n.a.	M19
T 20	4 46	6 12	3 19	0n18	0 47	14 2	1 27	7 47	0 48	18 14	0 42	17 41	1 7	14 8	0 19	23 44	0 5	9 45	7 15	17 37	18 2	20 31		n.a.	T 20
W21	4 22	10 31	2 20	1 17	0 57	13 37	1 28	7 29	0 48	18 14	0 42	17 43	1 7	14 8	0 19	23 44	0 5	9 45	7 15	17 35	18 1	20 31		n.a.	W21
T 22	3 59	14 13	1 17	2 15	1 8	13 11	1 28	7 11	0 47	18 15	0 41	17 44	1 7	14 7	0 19	23 44	0 5	9 44	7 15	17 34	18 0	20 30		n.a.	T 22
F 23	3 36	17 10	0 10	3 11	1 19	12 45	1 29	6 54	0 47	18 14	0 41	17 46	1 7	14 7	0 19	23 44	0 5	9 44	7 15	17 34	17 59	20 29		n.a.	F 23
S 24	3 13	19 17	0s55	4 6	1 29	12 19	1 29	6 36	0 47	18 14	0 41	17 47	1 7	14 7	0 19	23 44	0 5	9 44	7 15	17 34	17 58	20 29		n.a.	S 24
S 25	2 50	20 29	1 57	4 59	1 38	11 53	1 30	6 18	0 46	18 14	0 41	17 49	1 6	14 6	0 19	23 44	0 5	9 43	7 15	17 34	17 58	20 28		n.a.	S 25
M26	2 26	20 45	2 53	5 51	1 47	11 26	1 30	6 1	0 46	18 14	0 41	17 50	1 6	14 6	0 19	23 44	0 5	9 43	7 16	17 35	17 57	20 27		n.a.	M26
T 27	2 3	20 5	3 41	6 40	1 56	10 59	1 30	5 43	0 45	18 14	0 41	17 52	1 6	14 5	0 19	23 44	0 5	9 43	7 16	17 34	17 56	20 26		n.a.	T 27
W28	1 40	18 32	4 21	7 28	2 4	10 31	1 31	5 25	0 45	18 14	0 41	17 53	1 6	14 5	0 19	23 44	0 5	9 43	7 16	17 34	17 55	20 26		n.a.	W28
T 29	1 16	16 9	4 49	8 13	2 11	10 4	1 31	5 7	0 44	18 13	0 41	17 55	1 6	14 4	0 19	23 44	0 5	9 42	7 16	17 33	17 54	20 25		n.a.	T 29
F 30	0 53	13 3	5 4	8 56	2 18	9 36	1 31	4 49	0 44	18 13	0 41	17 56	1 6	14 3	0 19	23 44	0 5	9 42	7 16	17 31	17 53	20 24		n.a.	F 30
S 31	0s30	9n19	5s 6	9n37	2n24	9s 7	1s31	4s31	0s43	18s13	0n41	17n58	1s 5	14s 3	0n19	23n44	0s 5	9s42	7n16	17s29	17s52	20n24		n.a.	S 31

Julian Day Number = 1280260.5, Delta T = 08h08m49s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'47, Lahiri = -20°37'47 Julian Calendar 1 March 1208 BCE == Greg. Calendar 18 Feb. 1208 BCE

The year -1207 astronomical counting style corresponds to year 1208 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1208 BCE
geocentric

APRIL 1208 BCE (-1207) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 52 44	29♓44'23	5♍35	20♈ 1	11♓47	21♓ 8	23°R10	23♉50	7°R46	2♋31	15°R 6	17°R51	19♏21	1♋22	n.a.	S 1
M 2	11 56 40	0♈42'06	18°37	21°24	13° 0	21°52	23♏ 8	23°56	7♏44	2°31	15♏ 5	17♏43	19°18	1°29	n.a.	M 2
T 3	12 0 37	1°39'49	1♎56	22°42	14°13	22°35	23° 6	24° 2	7°43	2°32	15° 4	17°36	19°15	1°36	n.a.	T 3
W 4	12 4 33	2°37'29	15°31	23°57	15°27	23°19	23° 3	24° 8	7°41	2°32	15° 3	17°31	19°12	1°42	n.a.	W 4
T 5	12 8 30	3°35'09	29°17	25° 7	16°40	24° 2	23° 1	24°13	7°39	2°32	15° 2	17°27	19° 9	1°49	n.a.	T 5
F 6	12 12 26	4°32'47	13♏14	26°14	17°53	24°45	22°58	24°19	7°37	2°33	15° 1	17°D26	19° 6	1°56	n.a.	F 6
S 7	12 16 23	5°30'23	27°17	27°16	19° 6	25°29	22°55	24°25	7°35	2°33	15° 0	17°26	19° 2	2° 2	n.a.	S 7
S 8	12 20 20	6°27'59	11♐26	28°14	20°20	26°12	22°52	24°32	7°33	2°34	14°58	17°27	18°59	2° 9	n.a.	S 8
M 9	12 24 16	7°25'34	25°36	29° 7	21°33	26°55	22°49	24°38	7°31	2°34	14°57	17°28	18°56	2°16	n.a.	M 9
T 10	12 28 13	8°23'07	9♑47	29°57	22°46	27°38	22°45	24°44	7°29	2°35	14°56	17°R29	18°53	2°22	n.a.	T 10
W11	12 32 9	9°20'40	23°58	0♒41	23°59	28°21	22°42	24°50	7°27	2°35	14°55	17°28	18°50	2°29	n.a.	W11
T 12	12 36 6	10°18'11	8♒ 5	1°22	25°13	29° 4	22°38	24°56	7°25	2°36	14°54	17°26	18°47	2°36	n.a.	T 12
F 13	12 40 2	11°15'41	22° 6	1°58	26°26	29°47	22°34	25° 3	7°23	2°36	14°53	17°22	18°43	2°42	n.a.	F 13
S 14	12 43 59	12°13'10	6♓ 0	2°29	27°39	0♈30	22°30	25° 9	7°21	2°37	14°51	17°17	18°40	2°49	n.a.	S 14
S 15	12 47 55	13°10'39	19°42	2°55	28°53	1°13	22°26	25°16	7°19	2°38	14°50	17°11	18°37	2°56	n.a.	S 15
M16	12 51 52	14° 8'06	3♈10	3°17	0♈ 6	1°56	22°22	25°22	7°16	2°38	14°49	17° 6	18°34	3° 3	n.a.	M16
T 17	12 55 49	15° 5'32	16°23	3°34	1°19	2°38	22°17	25°29	7°14	2°39	14°48	17° 2	18°31	3° 9	n.a.	T 17
W18	12 59 45	16° 2'56	29°18	3°46	2°33	3°21	22°12	25°36	7°12	2°40	14°46	16°59	18°27	3°16	n.a.	W18
T 19	13 3 42	17° 0'20	11♉56	3°54	3°46	4° 4	22° 7	25°42	7°10	2°41	14°45	16°D58	18°24	3°23	n.a.	T 19
F 20	13 7 38	17°57'43	24°19	3°R57	4°59	4°46	22° 2	25°49	7° 8	2°41	14°44	16°58	18°21	3°29	n.a.	F 20
S 21	13 11 35	18°55'04	6♊28	3°55	6°13	5°29	21°57	25°56	7° 5	2°42	14°42	16°59	18°18	3°36	n.a.	S 21
S 22	13 15 31	19°52'24	18°27	3°49	7°26	6°11	21°52	26° 3	7° 3	2°43	14°41	17° 1	18°15	3°43	n.a.	S 22
M23	13 19 28	20°49'43	0♋20	3°39	8°39	6°54	21°46	26° 9	7° 1	2°44	14°39	17° 3	18°12	3°49	n.a.	M23
T 24	13 23 24	21°47'01	12°10	3°24	9°53	7°36	21°41	26°16	6°58	2°45	14°38	17° 4	18° 8	3°56	n.a.	T 24
W25	13 27 21	22°44'17	24° 4	3° 6	11° 6	8°19	21°35	26°23	6°56	2°46	14°37	17°R 4	18° 5	4° 3	n.a.	W25
T 26	13 31 18	23°41'33	6♌ 6	2°44	12°19	9° 1	21°29	26°30	6°54	2°47	14°35	17° 3	18° 2	4° 9	n.a.	T 26
F 27	13 35 14	24°38'47	18°20	2°19	13°33	9°43	21°23	26°37	6°51	2°48	14°34	17° 2	17°59	4°16	n.a.	F 27
S 28	13 39 11	25°36'00	0♍51	1°51	14°46	10°25	21°17	26°45	6°49	2°49	14°32	16°59	17°56	4°23	n.a.	S 28
S 29	13 43 7	26°33'12	13°41	1°21	15°59	11° 7	21°11	26°52	6°46	2°50	14°31	16°57	17°52	4°29	n.a.	S 29
M30	13 47 4	27♈30'23	26♍52	0♉49	17♈13	11♈49	21♏ 5	26♉59	6♏44	2♋51	14♏29	16♏54	17♏49	4♋36	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s 6	5n 5	4s53	10n15	2n29	8s39	1s31	4s13	0s43	18s12	0n41	18n 0	1s 5	14s 2	0n19	23n44	0s 5	9s41	7n16	17s26	17s51	20n23		n.a.
M 2	0n17	0 32	4 24	10 51	2 34	8 10	1 30	3 56	0 42	18 12	0 41	18 1	1 5	14 2	0 19	23 44	0 5	9 41	7 16	17 24	17 51	20 22		n.a.
T 3	0 40	4s 9	3 41	11 24	2 38	7 41	1 30	3 38	0 42	18 11	0 41	18 3	1 5	14 1	0 19	23 44	0 5	9 40	7 16	17 22	17 50	20 21		n.a.
W 4	1 4	8 43	2 44	11 55	2 40	7 12	1 30	3 20	0 41	18 11	0 41	18 4	1 5	14 1	0 19	23 44	0 5	9 40	7 16	17 20	17 49	20 21		n.a.
T 5	1 27	12 54	1 37	12 23	2 42	6 43	1 29	3 2	0 41	18 10	0 41	18 6	1 4	14 0	0 19	23 44	0 5	9 40	7 16	17 19	17 48	20 20		n.a.
F 6	1 50	16 26	0 23	12 49	2 44	6 14	1 29	2 44	0 40	18 9	0 41	18 8	1 4	13 59	0 19	23 44	0 5	9 39	7 16	17 19	17 47	20 19		n.a.
S 7	2 13	19 1	0n53	13 12	2 44	5 44	1 29	2 26	0 40	18 9	0 41	18 9	1 4	13 59	0 19	23 44	0 5	9 39	7 16	17 19	17 46	20 18		n.a.
S 8	2 37	20 26	2 7	13 33	2 43	5 14	1 28	2 8	0 39	18 8	0 41	18 11	1 4	13 58	0 19	23 44	0 5	9 39	7 16	17 19	17 45	20 18		n.a.
M 9	3 0	20 33	3 12	13 51	2 41	4 44	1 27	1 50	0 39	18 7	0 41	18 13	1 4	13 57	0 19	23 44	0 5	9 38	7 16	17 20	17 44	20 17		n.a.
T 10	3 23	19 22	4 6	14 6	2 39	4 14	1 27	1 32	0 38	18 6	0 41	18 14	1 4	13 57	0 19	23 44	0 5	9 38	7 17	17 20	17 44	20 16		n.a.
W11	3 46	16 59	4 45	14 19	2 35	3 44	1 26	1 15	0 38	18 5	0 41	18 16	1 3	13 56	0 19	23 44	0 5	9 38	7 17	17 20	17 43	20 15		n.a.
T 12	4 9	13 37	5 7	14 29	2 30	3 14	1 25	0 57	0 37	18 4	0 41	18 18	1 3	13 55	0 19	23 44	0 5	9 37	7 17	17 19	17 42	20 15		n.a.
F 13	4 32	9 29	5 10	14 37	2 25	2 44	1 24	0 39	0 37	18 4	0 41	18 19	1 3	13 55	0 19	23 44	0 5	9 37	7 17	17 18	17 41	20 14		n.a.
S 14	4 54	4 54	4 55	14 41	2 18	2 13	1 23	0 21	0 36	18 3	0 41	18 21	1 3	13 54	0 19	23 44	0 5	9 36	7 17	17 16	17 40	20 13		n.a.
S 15	5 17	0 8	4 23	14 44	2 11	1 43	1 22	0 3	0 36	18 1	0 41	18 23	1 3	13 53	0 19	23 44	0 5	9 36	7 17	17 15	17 39	20 12		n.a.
M16	5 40	4n35	3 37	14 43	2 2	1 12	1 21	0n15	0 35	18 0	0 41	18 25	1 3	13 53	0 19	23 44	0 5	9 36	7 17	17 13	17 38	20 12		n.a.
T 17	6 2	8 59	2 39	14 40	1 52	0 41	1 20	0 32	0 35	17 59	0 41	18 26	1 2	13 52	0 19	23 44	0 5	9 35	7 17	17 12	17 37	20 11		n.a.
W18	6 25	12 53	1 35	14 35	1 42	0 11	1 19	0 50	0 34	17 58	0 41	18 28	1 2	13 51	0 19	23 44	0 5	9 35	7 17	17 11	17 36	20 10		n.a.
T 19	6 47	16 6	0 28	14 26	1 30	0n20	1 18	1 8	0 34	17 57	0 41	18 30	1 2	13 50	0 19	23 44	0 5	9 34	7 17	17 11	17 35	20 9		n.a.
F 20	7 10	18 31	0s40	14 16	1 18	0 51	1 17	1 25	0 33	17 56	0 41	18 32	1 2	13 50	0 19	23 44	0 5	9 34	7 17	17 11	17 35	20 8		n.a.
S 21	7 32	20 1	1 45	14 3	1 5	1 21	1 15	1 43	0 33	17 54	0 41	18 33	1 2	13 49	0 19	23 44	0 5	9 34	7 17	17 11	17 34	20 8		n.a.
S 22	7 54	20 36	2 44	13 47	0 51	1 52	1 14	2 1	0 32	17 53	0 41	18 35	1 2	13 48	0 19	23 44	0 5	9 33	7 17	17 12	17 33	20 7		n.a.
M23	8 16	20 14	3 36	13 30	0 36	2 23	1 13	2 18	0 31	17 52	0 40	18 37	1 2	13 47	0 19	23 44	0 5	9 33	7 17	17 12	17 32	20 6		n.a.
T 24	8 38	18 59	4 18	13 10	0 20	2 53	1 11	2 36	0 31	17 50	0 40	18 39	1 1	13 47	0 18	23 44	0 5	9 32	7 17	17 13	17 31	20 5		n.a.
W25	8 59	16 54	4 50	12 49	0 4	3 24	1 10	2 53	0 30	17 49	0 40	18 40	1 1	13 46	0 18	23 44	0 5	9 32	7 17	17 13	17 30	20 4		n.a.
T 26	9 21	14 4	5 9	12 26	0s12	3 54	1 8	3 11	0 30	17 47	0 40	18 42	1 1	13 45	0 18	23 44	0 5	9 32	7 17	17 12	17 29	20 3		n.a.
F 27	9 42	10 36	5 15	12 1	0 29	4 25	1 6	3 28	0 29	17 46	0 40	18 44	1 1	13 44	0 18	23 44	0 5	9 31	7 17	17 12	17 28	20 3		n.a.
S 28	10 3	6 36	5 6	11 36	0 46	4 55	1 5	3 45	0 29	17 44	0 40	18 46	1 1	13 43	0 18	23 44	0 5	9 31	7 17	17 11	17 27	20 2		n.a.
S 29	10 24	2 12	4 41	11 9	1 3	5 26	1 3	4 2	0 28	17 43	0 40	18 48	1 1	13 43	0 18	23 44	0 5	9 30	7 17	17 10	17 27	20 1		n.a.
M30	10n45	2s25	4s 2	10n42	1s20	5n56	1s 1	4n20	0s28	17s41	0n40	18n49	1s 1	13s42	0n18	23n44	0s 5	9s30	7n17	17s10	17s26	20n 0		n.a.

Julian Day Number = 1280291.5, Delta T = 08h08m47s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'43, Lahiri = -20°37'42 Julian Calendar 1 Apr. 1208 BCE == Greg. Calendar 21 March 1208 BCE

The year -1207 astronomical counting style corresponds to year 1208 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1208 BCE
geocentric

MAY 1208 BCE (-1207) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 51 0	28♈27'33	10♎25	0°R16	18♈26	12♈31	20°R58	27♉ 6	6°R42	2♋52	14°R28	16°R51	17♏46	4♋43	n.a.	T 1
W 2	13 54 57	29°24'42	24°18	29♈43	19°40	13°13	20♏52	27°13	6♏39	2°54	14♏26	16♏50	17°43	4°49	n.a.	W 2
T 3	13 58 53	0♉21'51	8♏28	29° 9	20°53	13°55	20°45	27°21	6°37	2°55	14°25	16°49	17°40	4°56	n.a.	T 3
F 4	14 2 50	1°18'59	22°50	28°36	22° 6	14°37	20°38	27°28	6°34	2°56	14°23	16°D49	17°37	5° 3	n.a.	F 4
S 5	14 6 47	2°16'07	7♐20	28° 4	23°20	15°19	20°31	27°35	6°32	2°57	14°22	16°49	17°33	5°10	n.a.	S 5
S 6	14 10 43	3°13'14	21°52	27°33	24°33	16° 1	20°25	27°43	6°29	2°59	14°20	16°50	17°30	5°16	n.a.	S 6
M 7	14 14 40	4°10'21	6♑21	27° 5	25°47	16°42	20°18	27°50	6°27	3° 0	14°19	16°51	17°27	5°23	n.a.	M 7
T 8	14 18 36	5° 7'28	20°44	26°39	27° 0	17°24	20°10	27°57	6°25	3° 1	14°17	16°52	17°24	5°30	n.a.	T 8
W 9	14 22 33	6° 4'35	4♒56	26°17	28°14	18° 5	20° 3	28° 5	6°22	3° 3	14°16	16°R52	17°21	5°36	n.a.	W 9
T 10	14 26 29	7° 1'41	18°56	25°57	29°27	18°47	19°56	28°12	6°20	3° 4	14°14	16°52	17°18	5°43	n.a.	T 10
F 11	14 30 26	7°58'47	2♓42	25°42	0♉41	19°28	19°49	28°20	6°17	3° 5	14°13	16°51	17°14	5°50	n.a.	F 11
S 12	14 34 22	8°55'53	16°14	25°31	1°54	20°10	19°41	28°27	6°15	3° 7	14°11	16°50	17°11	5°56	n.a.	S 12
S 13	14 38 19	9°53'00	29°32	25°23	3° 8	20°51	19°34	28°35	6°12	3° 8	14°10	16°50	17° 8	6° 3	n.a.	S 13
M14	14 42 16	10°50'05	12♈36	25°D21	4°21	21°33	19°26	28°43	6°10	3°10	14° 8	16°49	17° 5	6°10	n.a.	M14
T 15	14 46 12	11°47'11	25°26	25°23	5°35	22°14	19°19	28°50	6° 7	3°11	14° 6	16°48	17° 2	6°16	n.a.	T 15
W16	14 50 9	12°44'17	8♉ 2	25°29	6°48	22°55	19°11	28°58	6° 5	3°13	14° 5	16°48	16°58	6°23	n.a.	W16
T 17	14 54 5	13°41'23	20°25	25°41	8° 2	23°36	19° 4	29° 5	6° 2	3°14	14° 3	16°D48	16°55	6°30	n.a.	T 17
F 18	14 58 2	14°38'28	2♊38	25°57	9°15	24°17	18°56	29°13	6° 0	3°16	14° 2	16°48	16°52	6°37	n.a.	F 18
S 19	15 1 58	15°35'33	14°41	26°17	10°29	24°59	18°48	29°21	5°58	3°18	14° 0	16°48	16°49	6°43	n.a.	S 19
S 20	15 5 55	16°32'38	26°36	26°43	11°43	25°40	18°41	29°29	5°55	3°19	13°59	16°R48	16°46	6°50	n.a.	S 20
M21	15 9 52	17°29'43	8♋28	27°13	12°56	26°21	18°33	29°36	5°53	3°21	13°57	16°48	16°43	6°57	n.a.	M21
T 22	15 13 48	18°26'47	20°18	27°48	14°10	27° 1	18°25	29°44	5°50	3°22	13°56	16°48	16°39	7° 3	n.a.	T 22
W23	15 17 45	19°23'52	2♌12	28°28	15°24	27°42	18°18	29°52	5°48	3°24	13°54	16°48	16°36	7°10	n.a.	W23
T 24	15 21 41	20°20'56	14°12	29°12	16°37	28°23	18°10	29°59	5°46	3°26	13°52	16°48	16°33	7°17	n.a.	T 24
F 25	15 25 38	21°18'00	26°25	0♉ 0	17°51	29° 4	18° 2	0♊ 7	5°43	3°28	13°51	16°D48	16°30	7°23	n.a.	F 25
S 26	15 29 34	22°15'03	8♍54	0°53	19° 5	29°45	17°55	0°15	5°41	3°29	13°49	16°48	16°27	7°30	n.a.	S 26
S 27	15 33 31	23°12'07	21°43	1°51	20°18	0♉25	17°47	0°23	5°39	3°31	13°48	16°48	16°24	7°37	n.a.	S 27
M28	15 37 27	24° 9'10	4♎55	2°53	21°32	1° 6	17°39	0°31	5°36	3°33	13°46	16°49	16°20	7°43	n.a.	M28
T 29	15 41 24	25° 6'13	18°32	3°59	22°46	1°46	17°32	0°39	5°34	3°35	13°45	16°50	16°17	7°50	n.a.	T 29
W30	15 45 21	26° 3'17	2♏34	5° 9	23°59	2°27	17°24	0°46	5°32	3°37	13°43	16°50	16°14	7°57	n.a.	W30
T 31	15 49 17	27♉ 0'21	16♏58	6♉23	25♉13	3♉ 7	17♏17	0♊54	5♏30	3♋38	13♏42	16°R51	16♏11	8♋ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n 6	7s 3	3s 8	10n15	1s36	6n26	0s59	4n37	0s27	17s39	0n40	18n51	1s 0	13s41	0n18	23n44	0s 5	9s30	7n17	17s 9	17s25	19n59			n.a.
W 2	11 27	11 27	2 1	9 48	1 53	6 56	0 58	4 54	0 26	17 38	0 40	18 53	1 0	13 40	0 18	23 44	0 4	9 29	7 17	17 8	17 24	19 58			n.a.
T 3	11 47	15 17	0 46	9 21	2 8	7 25	0 56	5 11	0 26	17 36	0 40	18 55	1 0	13 39	0 18	23 44	0 4	9 29	7 17	17 8	17 23	19 58			n.a.
F 4	12 8	18 15	0n33	8 56	2 23	7 55	0 54	5 28	0 25	17 34	0 40	18 57	1 0	13 39	0 18	23 44	0 4	9 28	7 17	17 8	17 22	19 57			n.a.
S 5	12 28	20 4	1 51	8 31	2 37	8 24	0 52	5 45	0 25	17 33	0 39	18 59	1 0	13 38	0 18	23 44	0 4	9 28	7 16	17 8	17 21	19 56			n.a.
S 6	12 47	20 33	3 2	8 8	2 50	8 54	0 50	6 2	0 24	17 31	0 39	19 0	1 0	13 37	0 18	23 44	0 4	9 28	7 16	17 9	17 20	19 55			n.a.
M 7	13 7	19 40	4 1	7 46	3 2	9 23	0 48	6 19	0 23	17 29	0 39	19 2	1 0	13 36	0 18	23 44	0 4	9 27	7 16	17 9	17 19	19 54			n.a.
T 8	13 27	17 31	4 45	7 27	3 13	9 52	0 46	6 35	0 23	17 27	0 39	19 4	1 0	13 35	0 18	23 44	0 4	9 27	7 16	17 9	17 18	19 53			n.a.
W 9	13 46	14 20	5 10	7 9	3 23	10 20	0 44	6 52	0 22	17 25	0 39	19 6	0 59	13 35	0 18	23 44	0 4	9 26	7 16	17 9	17 17	19 53			n.a.
T 10	14 5	10 23	5 17	6 55	3 32	10 49	0 42	7 9	0 22	17 23	0 39	19 8	0 59	13 34	0 18	23 44	0 4	9 26	7 16	17 9	17 17	19 52			n.a.
F 11	14 24	5 57	5 5	6 42	3 39	11 17	0 40	7 25	0 21	17 22	0 39	19 9	0 59	13 33	0 18	23 44	0 4	9 26	7 16	17 9	17 16	19 51			n.a.
S 12	14 43	1 17	4 36	6 32	3 45	11 45	0 37	7 42	0 21	17 20	0 39	19 11	0 59	13 32	0 18	23 44	0 4	9 25	7 16	17 9	17 15	19 50			n.a.
S 13	15 1	3n22	3 53	6 25	3 49	12 13	0 35	7 58	0 20	17 18	0 39	19 13	0 59	13 31	0 18	23 44	0 4	9 25	7 16	17 8	17 14	19 49			n.a.
M14	15 19	7 47	2 59	6 21	3 53	12 40	0 33	8 14	0 19	17 16	0 38	19 15	0 59	13 31	0 18	23 44	0 4	9 25	7 16	17 8	17 13	19 48			n.a.
T 15	15 37	11 47	1 56	6 20	3 55	13 7	0 31	8 30	0 19	17 14	0 38	19 17	0 59	13 30	0 18	23 44	0 4	9 24	7 16	17 8	17 12	19 47			n.a.
W16	15 55	15 11	0 48	6 21	3 56	13 34	0 29	8 46	0 18	17 12	0 38	19 18	0 59	13 29	0 18	23 44	0 4	9 24	7 16	17 8	17 11	19 46			n.a.
T 17	16 13	17 50	0s20	6 26	3 56	14 0	0 26	9 2	0 18	17 10	0 38	19 20	0 59	13 28	0 18	23 43	0 4	9 24	7 16	17 8	17 10	19 45			n.a.
F 18	16 30	19 37	1 27	6 32	3 55	14 26	0 24	9 18	0 17	17 8	0 38	19 22	0 58	13 27	0 18	23 43	0 4	9 23	7 15	17 8	17 9	19 45			n.a.
S 19	16 47	20 29	2 29	6 42	3 53	14 52	0 22	9 34	0 16	17 6	0 38	19 24	0 58	13 26	0 18	23 43	0 4	9 23	7 15	17 8	17 8	19 44			n.a.
S 20	17 4	20 24	3 23	6 54	3 49	15 17	0 19	9 50	0 16	17 4	0 38	19 26	0 58	13 26	0 18	23 43	0 4	9 22	7 15	17 8	17 7	19 43			n.a.
M21	17 20	19 25	4 9	7 9	3 45	15 43	0 17	10 6	0 15	17 2	0 37	19 27	0 58	13 25	0 18	23 43	0 4	9 22	7 15	17 8	17 6	19 42			n.a.
T 22	17 36	17 35	4 44	7 27	3 40	16 7	0 15	10 21	0 15	17 0	0 37	19 29	0 58	13 24	0 18	23 43	0 4	9 22	7 15	17 8	17 6	19 41			n.a.
W23	17 52	15 1	5 7	7 46	3 34	16 31	0 12	10 37	0 14	16 58	0 37	19 31	0 58	13 23	0 18	23 43	0 4	9 21	7 15	17 8	17 5	19 40			n.a.
T 24	18 8	11 47	5 17	8 9	3 27	16 55	0 10	10 52	0 13	16 56	0 37	19 33	0 58	13 23	0 18	23 43	0 4	9 21	7 15	17 8	17 4	19 39			n.a.
F 25	18 23	8 1	5 13	8 33	3 20	17 19	0 8	11 7	0 13	16 54	0 37	19 34	0 58	13 22	0 18	23 43	0 4	9 21	7 15	17 8	17 3	19 38			n.a.
S 26	18 38	3 50	4 54	8 59	3 12	17 42	0 5	11 23	0 12	16 52	0 37	19 36	0 58	13 21	0 18	23 43	0 4	9 20	7 14	17 8	17 2	19 37			n.a.
S 27	18 53	0s38	4 20	9 27	3 3	18 4	0 3	11 38	0 11	16 50	0 37	19 38	0 58	13 20	0 18	23 43	0 4	9 20	7 14	17 8	17 1	19 36			n.a.
M28	19 7	5 13	3 32	9 58	2 53	18 26	0 1	11 53	0 11	16 48	0 36	19 40	0 57	13 19	0 18	23 43	0 4	9 20	7 14	17 8	17 0	19 35			n.a.
T 29	19 21	9 42	2 31	10 30	2 43	18 48	0n 2	12 8	0 10	16 46	0 36	19 41	0 57	13 19	0 18	23 43	0 4	9 20	7 14	17 9	16 59	19 34			n.a.
W30	19 35	13 47	1 18	11 3	2 33	19 9	0 4	12 22	0 10	16 44	0 36	19 43	0 57	13 18	0 18	23 43	0 4	9 19	7 14	17 9	16 58	19 33			n.a.
T 31	19n49	17s10	0n 1	11n39	2s22	19n29	0n 7	12n37	0s 9	16s42	0n36	19n45	0s57	13s17	0n18	23n43	0s 4	9s19	7n14	17s 9	16s57	19n33			n.a.

Julian Day Number = 1280321.5, Delta T = 08h08m46s
Ecliptic obliquity = 23°50'12, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'39, Lahiri = -20°37'38 Julian Calendar 1 May 1208 BCE == Greg. Calendar 20 Apr. 1208 BCE

The year -1207 astronomical counting style corresponds to year 1208 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1208 BCE
geocentric

JUNE 1208 BCE (-1207) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 53 14	27♉57'25	1♐41	7♉42	26♉27	3♉48	17°R 9	1♊ 2	5°R28	3♋40	13°R40	16°R50	16♏ 8	8♋10	n.a.	F 1
S 2	15 57 10	28°54'29	16°35	9° 5	27°40	4°28	17♏ 2	1°10	5♏25	3°42	13♏39	16♏50	16° 4	8°17	n.a.	S 2
S 3	16 1 7	29°51'34	1♋32	10°31	28°54	5° 8	16°55	1°18	5°23	3°44	13°37	16°48	16° 1	8°24	n.a.	S 3
M 4	16 5 3	0♊48'40	16°24	12° 2	0♊ 8	5°49	16°47	1°26	5°21	3°46	13°36	16°47	15°58	8°30	n.a.	M 4
T 5	16 9 0	1°45'46	1♒ 4	13°36	1°22	6°29	16°40	1°33	5°19	3°48	13°34	16°45	15°55	8°37	n.a.	T 5
W 6	16 12 56	2°42'53	15°28	15°14	2°36	7° 9	16°33	1°41	5°17	3°50	13°33	16°44	15°52	8°44	n.a.	W 6
T 7	16 16 53	3°40'00	29°30	16°56	3°49	7°49	16°26	1°49	5°15	3°52	13°31	16°D43	15°49	8°50	n.a.	T 7
F 8	16 20 50	4°37'09	13♓12	18°41	5° 3	8°29	16°19	1°57	5°13	3°54	13°30	16°43	15°45	8°57	n.a.	F 8
S 9	16 24 46	5°34'18	26°32	20°29	6°17	9° 9	16°12	2° 5	5°11	3°56	13°29	16°44	15°42	9° 4	n.a.	S 9
S 10	16 28 43	6°31'28	9♈34	22°20	7°31	9°49	16° 5	2°13	5° 9	3°58	13°27	16°45	15°39	9°10	n.a.	S 10
M11	16 32 39	7°28'39	22°19	24°14	8°45	10°29	15°59	2°21	5° 7	4° 0	13°26	16°47	15°36	9°17	n.a.	M11
T 12	16 36 36	8°25'51	4♉50	26°11	9°59	11° 9	15°52	2°28	5° 5	4° 2	13°24	16°48	15°33	9°24	n.a.	T 12
W13	16 40 32	9°23'04	17° 9	28°10	11°13	11°49	15°46	2°36	5° 3	4° 4	13°23	16°R48	15°29	9°31	n.a.	W13
T 14	16 44 29	10°20'18	29°19	0♊11	12°27	12°29	15°39	2°44	5° 1	4° 6	13°22	16°48	15°26	9°37	n.a.	T 14
F 15	16 48 26	11°17'33	11♊20	2°14	13°41	13° 8	15°33	2°52	4°59	4° 8	13°20	16°46	15°23	9°44	n.a.	F 15
S 16	16 52 22	12°14'48	23°16	4°18	14°55	13°48	15°27	3° 0	4°57	4°10	13°19	16°43	15°20	9°51	n.a.	S 16
S 17	16 56 19	13°12'05	5♋ 8	6°23	16° 9	14°28	15°21	3° 7	4°56	4°12	13°18	16°39	15°17	9°57	n.a.	S 17
M18	17 0 15	14° 9'22	16°59	8°29	17°23	15° 7	15°15	3°15	4°54	4°14	13°16	16°35	15°14	10° 4	n.a.	M18
T 19	17 4 12	15° 6'40	28°49	10°35	18°37	15°47	15° 9	3°23	4°52	4°17	13°15	16°30	15°10	10°11	n.a.	T 19
W20	17 8 8	16° 3'58	10♌43	12°42	19°51	16°26	15° 3	3°31	4°51	4°19	13°14	16°25	15° 7	10°17	n.a.	W20
T 21	17 12 5	17° 1'17	22°44	14°48	21° 5	17° 6	14°58	3°38	4°49	4°21	13°13	16°22	15° 4	10°24	n.a.	T 21
F 22	17 16 1	17°58'37	4♍55	16°54	22°19	17°45	14°53	3°46	4°47	4°23	13°11	16°20	15° 1	10°31	n.a.	F 22
S 23	17 19 58	18°55'58	17°21	18°59	23°33	18°24	14°47	3°54	4°46	4°25	13°10	16°D19	14°58	10°38	n.a.	S 23
S 24	17 23 55	19°53'20	0♎ 5	21° 4	24°47	19° 4	14°42	4° 1	4°44	4°27	13° 9	16°19	14°55	10°44	n.a.	S 24
M25	17 27 51	20°50'42	13°12	23° 7	26° 1	19°43	14°37	4° 9	4°43	4°29	13° 8	16°21	14°51	10°51	n.a.	M25
T 26	17 31 48	21°48'05	26°44	25°10	27°15	20°22	14°33	4°17	4°42	4°32	13° 7	16°22	14°48	10°58	n.a.	T 26
W27	17 35 44	22°45'30	10♏44	27°11	28°29	21° 1	14°28	4°24	4°40	4°34	13° 6	16°R23	14°45	11° 4	n.a.	W27
T 28	17 39 41	23°42'55	25°11	29°11	29°43	21°40	14°24	4°32	4°39	4°36	13° 5	16°23	14°42	11°11	n.a.	T 28
F 29	17 43 37	24°40'21	10♐ 1	1♋10	0♋57	22°19	14°19	4°39	4°38	4°38	13° 3	16°21	14°39	11°18	n.a.	F 29
S 30	17 47 34	25♊37'49	25♐ 8	3♋ 7	2♋11	22♉58	14♏15	4♊47	4♏36	4♋40	13♏ 2	16♏18	14♏35	11♋24	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n 2	19s31	1n21	12n15	2s11	19n49	0n 9	12n52	0s 8	16s40	0n36	19n47	0s57	13s16	0n18	23n43	0s 4	9s19	7n14	17s 9	16s56	19n32		n.a.
S 2	20 15	20 32	2 37	12 53	1 59	20 9	0 11	13 6	0 8	16 38	0 36	19 48	0 57	13 16	0 18	23 43	0 4	9 18	7 13	17 8	16 55	19 31		n.a.
S 3	20 27	20 7	3 43	13 32	1 47	20 28	0 14	13 20	0 7	16 36	0 35	19 50	0 57	13 15	0 18	23 43	0 4	9 18	7 13	17 8	16 54	19 30		n.a.
M 4	20 40	18 18	4 33	14 12	1 35	20 46	0 16	13 35	0 6	16 34	0 35	19 52	0 57	13 14	0 18	23 43	0 4	9 18	7 13	17 8	16 53	19 29		n.a.
T 5	20 51	15 18	5 4	14 52	1 23	21 4	0 18	13 49	0 6	16 32	0 35	19 53	0 57	13 14	0 18	23 43	0 4	9 18	7 13	17 7	16 53	19 28		n.a.
W 6	21 3	11 26	5 16	15 33	1 10	21 22	0 21	14 3	0 5	16 30	0 35	19 55	0 57	13 13	0 18	23 43	0 4	9 17	7 13	17 7	16 52	19 27		n.a.
T 7	21 14	7 2	5 8	16 15	0 58	21 38	0 23	14 17	0 5	16 29	0 35	19 57	0 57	13 12	0 18	23 43	0 4	9 17	7 13	17 7	16 51	19 26		n.a.
F 8	21 25	2 22	4 43	16 57	0 45	21 54	0 25	14 30	0 4	16 27	0 34	19 58	0 56	13 12	0 18	23 43	0 4	9 17	7 12	17 7	16 50	19 25		n.a.
S 9	21 35	2n19	4 3	17 38	0 33	22 10	0 27	14 44	0 3	16 25	0 34	20 0	0 56	13 11	0 18	23 43	0 4	9 17	7 12	17 7	16 49	19 24		n.a.
S 10	21 45	6 46	3 11	18 20	0 21	22 25	0 30	14 57	0 3	16 23	0 34	20 2	0 56	13 10	0 18	23 43	0 4	9 16	7 12	17 7	16 48	19 23		n.a.
M11	21 55	10 51	2 11	19 0	0 9	22 39	0 32	15 11	0 2	16 21	0 34	20 3	0 56	13 10	0 18	23 43	0 4	9 16	7 12	17 8	16 47	19 22		n.a.
T 12	22 5	14 22	1 6	19 40	0n 3	22 52	0 34	15 24	0 1	16 20	0 34	20 5	0 56	13 9	0 18	23 43	0 4	9 16	7 12	17 8	16 46	19 21		n.a.
W13	22 13	17 12	0s 2	20 19	0 14	23 5	0 36	15 37	0 1	16 18	0 33	20 7	0 56	13 8	0 18	23 42	0 4	9 16	7 11	17 8	16 45	19 20		n.a.
T 14	22 22	19 13	1 8	20 56	0 25	23 18	0 38	15 50	0 0	16 16	0 33	20 8	0 56	13 8	0 18	23 42	0 4	9 15	7 11	17 8	16 44	19 19		n.a.
F 15	22 30	20 21	2 11	21 32	0 35	23 29	0 40	16 3	0n 1	16 14	0 33	20 10	0 56	13 7	0 18	23 42	0 4	9 15	7 11	17 7	16 43	19 18		n.a.
S 16	22 38	20 33	3 7	22 6	0 45	23 40	0 42	16 16	0 1	16 13	0 33	20 11	0 56	13 7	0 18	23 42	0 4	9 15	7 11	17 7	16 42	19 17		n.a.
S 17	22 46	19 49	3 55	22 37	0 54	23 50	0 44	16 28	0 2	16 11	0 33	20 13	0 56	13 6	0 18	23 42	0 4	9 15	7 10	17 5	16 41	19 16		n.a.
M18	22 53	18 14	4 32	23 7	1 3	24 0	0 46	16 41	0 2	16 10	0 32	20 15	0 56	13 5	0 18	23 42	0 4	9 15	7 10	17 4	16 40	19 15		n.a.
T 19	22 59	15 53	4 58	23 34	1 11	24 9	0 48	16 53	0 3	16 8	0 32	20 16	0 56	13 5	0 18	23 42	0 4	9 15	7 10	17 3	16 39	19 14		n.a.
W20	23 6	12 51	5 11	23 59	1 18	24 17	0 50	17 5	0 4	16 7	0 32	20 18	0 56	13 4	0 18	23 42	0 4	9 14	7 10	17 1	16 38	19 13		n.a.
T 21	23 11	9 16	5 11	24 21	1 24	24 24	0 52	17 17	0 4	16 5	0 32	20 19	0 56	13 4	0 18	23 42	0 4	9 14	7 10	17 0	16 37	19 12		n.a.
F 22	23 17	5 16	4 56	24 40	1 30	24 31	0 54	17 29	0 5	16 4	0 32	20 21	0 56	13 3	0 18	23 42	0 4	9 14	7 9	17 0	16 37	19 11		n.a.
S 23	23 22	0 58	4 28	24 57	1 35	24 36	0 56	17 41	0 6	16 3	0 31	20 22	0 55	13 3	0 18	23 42	0 4	9 14	7 9	17 0	16 36	19 10		n.a.
S 24	23 27	3s29	3 46	25 10	1 39	24 42	0 58	17 53	0 6	16 1	0 31	20 24	0 55	13 2	0 18	23 42	0 4	9 14	7 9	17 0	16 35	19 9		n.a.
M25	23 31	7 55	2 51	25 21	1 42	24 46	1 0	18 4	0 7	16 0	0 31	20 25	0 55	13 2	0 18	23 42	0 4	9 14	7 9	17 0	16 34	19 8		n.a.
T 26	23 35	12 6	1 45	25 30	1 45	24 50	1 1	18 15	0 8	15 59	0 31	20 27	0 55	13 1	0 18	23 42	0 4	9 14	7 8	17 0	16 33	19 7		n.a.
W27	23 38	15 47	0 31	25 36	1 47	24 53	1 3	18 27	0 8	15 58	0 31	20 28	0 55	13 1	0 18	23 42	0 4	9 14	7 8	17 1	16 32	19 6		n.a.
T 28	23 41	18 36	0n48	25 39	1 49	24 55	1 5	18 38	0 9	15 56	0 30	20 30	0 55	13 0	0 18	23 42	0 4	9 14	7 8	17 1	16 31	19 5		n.a.
F 29	23 44	20 16	2 5	25 39	1 49	24 56	1 6	18 49	0 10	15 55	0 30	20 31	0 55	13 0	0 18	23 42	0 4	9 13	7 8	17 0	16 30	19 4		n.a.
S 30	23n46	20s30	3n15	25n37	1n50	24n57	1n 8	18n59	0n10	15s54	0n30	20n33	0s55	13s 0	0n18	23n41	0s 4	9s13	7n 7	16s59	16s29	19n 3		n.a.

Julian Day Number = 1280352.5, Delta T = 08h08m44s
Ecliptic obliquity = 23°50'11, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'35, Lahiri = -20°37'34 Julian Calendar 1 June 1208 BCE == Greg. Calendar 21 May 1208 BCE

The year -1207 astronomical counting style corresponds to year 1208 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1208 BCE
geocentric

JULY 1208 BCE (-1207) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 51 30	26♊35'17	10♉22	5♋ 3	3♋25	23♉37	14°R11	4♊54	4°R35	4♋43	13°R 1	16°R13	14♏32	11♋31	n.a.	S 1
M 2	17 55 27	27°32'48	25°34	6°57	4°40	24°16	14♏ 7	5° 2	4♏34	4°45	13♏ 0	16♏ 7	14°29	11°38	n.a.	M 2
T 3	17 59 24	28°30'19	10♒32	8°50	5°54	24°55	14° 4	5° 9	4°33	4°47	12°59	16° 1	14°26	11°45	n.a.	T 3
W 4	18 3 20	29°27'52	25°11	10°42	7° 8	25°34	14° 0	5°17	4°32	4°49	12°59	15°56	14°23	11°51	n.a.	W 4
T 5	18 7 17	0♋25'27	9♓23	12°32	8°22	26°12	13°57	5°24	4°31	4°51	12°58	15°52	14°20	11°58	n.a.	T 5
F 6	18 11 13	1°23'03	23° 8	14°20	9°36	26°51	13°54	5°31	4°30	4°54	12°57	15°50	14°16	12° 5	n.a.	F 6
S 7	18 15 10	2°20'41	6♈27	16° 7	10°50	27°30	13°51	5°39	4°29	4°56	12°56	15°D50	14°13	12°11	n.a.	S 7
S 8	18 19 6	3°18'21	19°21	17°53	12° 5	28° 8	13°48	5°46	4°28	4°58	12°55	15°51	14°10	12°18	n.a.	S 8
M 9	18 23 3	4°16'03	1♉57	19°37	13°19	28°47	13°46	5°53	4°27	5° 0	12°54	15°52	14° 7	12°25	n.a.	M 9
T 10	18 26 59	5°13'46	14°16	21°20	14°33	29°25	13°43	6° 0	4°26	5° 3	12°53	15°R53	14° 4	12°31	n.a.	T 10
W11	18 30 56	6°11'32	26°23	23° 1	15°47	0♊ 4	13°41	6° 8	4°26	5° 5	12°53	15°52	14° 1	12°38	n.a.	W11
T 12	18 34 53	7° 9'19	8♊23	24°41	17° 2	0°42	13°39	6°15	4°25	5° 7	12°52	15°50	13°57	12°45	n.a.	T 12
F 13	18 38 49	8° 7'07	20°17	26°19	18°16	1°21	13°37	6°22	4°24	5° 9	12°51	15°45	13°54	12°52	n.a.	F 13
S 14	18 42 46	9° 4'58	2♋ 8	27°56	19°30	1°59	13°36	6°29	4°24	5°11	12°50	15°37	13°51	12°58	n.a.	S 14
S 15	18 46 42	10° 2'50	13°58	29°32	20°45	2°37	13°34	6°36	4°23	5°14	12°50	15°28	13°48	13° 5	n.a.	S 15
M16	18 50 39	11° 0'44	25°49	1♌ 6	21°59	3°16	13°33	6°43	4°23	5°16	12°49	15°18	13°45	13°12	n.a.	M16
T 17	18 54 35	11°58'39	7♌43	2°39	23°13	3°54	13°32	6°50	4°22	5°18	12°48	15° 7	13°41	13°18	n.a.	T 17
W18	18 58 32	12°56'36	19°41	4°10	24°28	4°32	13°31	6°57	4°22	5°20	12°48	14°57	13°38	13°25	n.a.	W18
T 19	19 2 28	13°54'34	1♍45	5°41	25°42	5°10	13°30	7° 4	4°21	5°23	12°47	14°48	13°35	13°32	n.a.	T 19
F 20	19 6 25	14°52'34	13°59	7° 9	26°56	5°48	13°30	7°10	4°21	5°25	12°47	14°41	13°32	13°39	n.a.	F 20
S 21	19 10 22	15°50'36	26°24	8°36	28°11	6°26	13°30	7°17	4°21	5°27	12°46	14°37	13°29	13°45	n.a.	S 21
S 22	19 14 18	16°48'39	9♎ 5	10° 2	29°25	7° 4	13°D29	7°24	4°21	5°29	12°46	14°35	13°26	13°52	n.a.	S 22
M23	19 18 15	17°46'43	22° 6	11°27	0♎39	7°42	13°30	7°30	4°21	5°31	12°45	14°D35	13°22	13°59	n.a.	M23
T 24	19 22 11	18°44'50	5♏30	12°49	1°54	8°19	13°30	7°37	4°20	5°34	12°45	14°36	13°19	14° 5	n.a.	T 24
W25	19 26 8	19°42'57	19°21	14°11	3° 8	8°57	13°30	7°43	4°D20	5°36	12°45	14°R36	13°16	14°12	n.a.	W25
T 26	19 30 4	20°41'07	3♐39	15°31	4°22	9°35	13°31	7°50	4°20	5°38	12°44	14°34	13°13	14°19	n.a.	T 26
F 27	19 34 1	21°39'18	18°22	16°49	5°37	10°13	13°32	7°56	4°20	5°40	12°44	14°31	13°10	14°25	n.a.	F 27
S 28	19 37 57	22°37'31	3♑26	18° 5	6°51	10°50	13°33	8° 3	4°21	5°42	12°44	14°25	13° 7	14°32	n.a.	S 28
S 29	19 41 54	23°35'45	18°42	19°20	8° 5	11°28	13°34	8° 9	4°21	5°44	12°43	14°16	13° 3	14°39	n.a.	S 29
M30	19 45 51	24°34'02	4♒ 1	20°33	9°20	12° 5	13°35	8°15	4°21	5°46	12°43	14° 6	13° 0	14°46	n.a.	M30
T 31	19 49 47	25♋32'21	19♒10	21♌44	10♌34	12♊43	13♏37	8♊22	4♏21	5♋49	12♏43	13♏56	12♏57	14♋52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23n47	19s15	4n11	25n33	1n49	24n57	1n 9	19n10	0n11	15s53	0n30	20n34	0s55	12s59	0n18	23n41	0s 4	9s13	7n 7	16s58	16s28	19n 2			n.a.
M 2	23 49	16 38	4 50	25 27	1 48	24 56	1 11	19 20	0 12	15 52	0 29	20 35	0 55	12 59	0 17	23 41	0 4	9 13	7 7	16 56	16 27	19 0			n.a.
T 3	23 50	12 57	5 8	25 18	1 47	24 54	1 12	19 31	0 12	15 52	0 29	20 37	0 55	12 59	0 17	23 41	0 4	9 13	7 6	16 54	16 26	18 59			n.a.
W 4	23 50	8 33	5 5	25 8	1 45	24 52	1 13	19 41	0 13	15 51	0 29	20 38	0 55	12 58	0 17	23 41	0 4	9 13	7 6	16 53	16 25	18 58			n.a.
T 5	23 50	3 48	4 44	24 56	1 42	24 48	1 14	19 51	0 14	15 50	0 29	20 40	0 55	12 58	0 17	23 41	0 4	9 13	7 6	16 52	16 24	18 57			n.a.
F 6	23 50	1n 0	4 7	24 41	1 39	24 44	1 16	20 1	0 14	15 49	0 29	20 41	0 55	12 58	0 17	23 41	0 4	9 13	7 6	16 51	16 23	18 56			n.a.
S 7	23 49	5 36	3 17	24 25	1 35	24 40	1 17	20 10	0 15	15 48	0 28	20 42	0 55	12 57	0 17	23 41	0 4	9 13	7 5	16 51	16 22	18 55			n.a.
S 8	23 48	9 50	2 18	24 8	1 31	24 34	1 18	20 20	0 16	15 48	0 28	20 44	0 55	12 57	0 17	23 41	0 4	9 13	7 5	16 51	16 21	18 54			n.a.
M 9	23 46	13 31	1 15	23 49	1 27	24 28	1 19	20 29	0 17	15 47	0 28	20 45	0 55	12 57	0 17	23 41	0 4	9 13	7 5	16 52	16 20	18 53			n.a.
T 10	23 44	16 31	0 9	23 28	1 22	24 21	1 20	20 38	0 17	15 47	0 28	20 46	0 55	12 56	0 17	23 41	0 4	9 13	7 5	16 52	16 19	18 52			n.a.
W11	23 41	18 45	0s56	23 6	1 17	24 13	1 21	20 47	0 18	15 46	0 27	20 48	0 55	12 56	0 17	23 41	0 4	9 13	7 4	16 52	16 18	18 51			n.a.
T 12	23 38	20 7	1 58	22 43	1 12	24 5	1 22	20 56	0 19	15 46	0 27	20 49	0 55	12 56	0 17	23 41	0 4	9 13	7 4	16 51	16 17	18 50			n.a.
F 13	23 35	20 35	2 54	22 19	1 6	23 56	1 23	21 5	0 19	15 46	0 27	20 50	0 54	12 56	0 17	23 41	0 4	9 14	7 4	16 49	16 16	18 49			n.a.
S 14	23 31	20 7	3 42	21 54	1 0	23 46	1 23	21 14	0 20	15 45	0 27	20 51	0 54	12 56	0 17	23 40	0 4	9 14	7 3	16 47	16 15	18 48			n.a.
S 15	23 27	18 46	4 20	21 27	0 54	23 35	1 24	21 22	0 21	15 45	0 27	20 53	0 54	12 55	0 17	23 40	0 3	9 14	7 3	16 45	16 15	18 47			n.a.
M16	23 22	16 38	4 47	21 0	0 47	23 24	1 25	21 30	0 21	15 45	0 26	20 54	0 54	12 55	0 17	23 40	0 3	9 14	7 3	16 42	16 14	18 45			n.a.
T 17	23 17	13 47	5 2	20 32	0 40	23 12	1 25	21 38	0 22	15 45	0 26	20 55	0 54	12 55	0 17	23 40	0 3	9 14	7 2	16 38	16 13	18 44			n.a.
W18	23 12	10 22	5 3	20 4	0 33	22 59	1 26	21 46	0 23	15 45	0 26	20 56	0 54	12 55	0 17	23 40	0 3	9 14	7 2	16 35	16 12	18 43			n.a.
T 19	23 6	6 30	4 51	19 34	0 25	22 46	1 26	21 54	0 23	15 45	0 26	20 57	0 54	12 55	0 17	23 40	0 3	9 14	7 2	16 33	16 11	18 42			n.a.
F 20	22 59	2 19	4 26	19 5	0 18	22 32	1 26	22 2	0 24	15 45	0 26	20 59	0 54	12 55	0 17	23 40	0 3	9 14	7 2	16 31	16 10	18 41			n.a.
S 21	22 53	2s 1	3 48	18 34	0 10	22 17	1 27	22 9	0 25	15 45	0 25	21 0	0 54	12 55	0 17	23 40	0 3	9 14	7 1	16 29	16 9	18 40			n.a.
S 22	22 46	6 22	2 58	18 3	0 2	22 2	1 27	22 16	0 26	15 45	0 25	21 1	0 54	12 55	0 17	23 40	0 3	9 15	7 1	16 29	16 8	18 39			n.a.
M23	22 38	10 33	1 57	17 32	0s 6	21 46	1 27	22 23	0 26	15 45	0 25	21 2	0 54	12 55	0 17	23 40	0 3	9 15	7 1	16 29	16 7	18 38			n.a.
T 24	22 30	14 20	0 48	17 0	0 15	21 29	1 27	22 30	0 27	15 46	0 25	21 3	0 54	12 55	0 17	23 40	0 3	9 15	7 0	16 29	16 6	18 37			n.a.
W25	22 22	17 27	0n25	16 29	0 23	21 12	1 27	22 37	0 28	15 46	0 24	21 4	0 54	12 55	0 17	23 40	0 3	9 15	7 0	16 29	16 5	18 35			n.a.
T 26	22 13	19 36	1 40	15 57	0 32	20 54	1 27	22 43	0 28	15 46	0 24	21 5	0 54	12 55	0 17	23 39	0 3	9 15	7 0	16 29	16 4	18 34			n.a.
F 27	22 4	20 30	2 49	15 25	0 41	20 35	1 27	22 50	0 29	15 47	0 24	21 6	0 54	12 55	0 17	23 39	0 3	9 15	6 59	16 28	16 3	18 33			n.a.
S 28	21 54	19 59	3 49	14 53	0 49	20 16	1 27	22 56	0 30	15 47	0 24	21 7	0 54	12 55	0 17	23 39	0 3	9 16	6 59	16 26	16 2	18 32			n.a.
S 29	21 44	18 0	4 33	14 21	0 58	19 56	1 27	23 2	0 31	15 48	0 24	21 9	0 54	12 55	0 17	23 39	0 3	9 16	6 59	16 23	16 1	18 31			n.a.
M30	21 34	14 45	4 57	13 49	1 7	19 36	1 26	23 8	0 31	15 48	0 23	21 10	0 54	12 55	0 17	23 39	0 3	9 16	6 58	16 20	16 0	18 30			n.a.
T 31	21n23	10s34	5n 1	13n17	1s16	19n15	1n26	23n14	0n32	15s49	0n23	21n11	0s54	12s55	0n17	23n39	0s 3	9s16	6n58	16s17	15s59	18n29			n.a.

Julian Day Number = 1280382.5, Delta T = 08h08m42s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'31, Lahiri = -20°37'30 Julian Calendar 1 July 1208 BCE == Greg. Calendar 20 June 1208 BCE

The year -1207 astronomical counting style corresponds to year 1208 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1208 BCE
geocentric

AUGUST 1208 BCE (-1207) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 53 44	26♋30'41	3♓59	22♌54	11♌49	13♊20	13♏39	8♊28	4♏22	5♋51	12°R43	13°R47	12♏54	14♋59	n.a.	W 1
T 2	19 57 40	27°29'04	18°21	24° 1	13° 3	13°57	13°41	8°34	4°22	5°53	12♏43	13♏40	12°51	15° 6	n.a.	T 2
F 3	20 1 37	28°27'29	2♈14	25° 6	14°17	14°35	13°43	8°40	4°22	5°55	12°43	13°35	12°47	15°12	n.a.	F 3
S 4	20 5 33	29°25'56	15°38	26° 8	15°32	15°12	13°45	8°46	4°23	5°57	12°43	13°33	12°44	15°19	n.a.	S 4
S 5	20 9 30	0♌24'26	28°34	27° 9	16°46	15°49	13°48	8°52	4°23	5°59	12°43	13°D32	12°41	15°26	n.a.	S 5
M 6	20 13 26	1°22'57	11♉ 7	28° 6	18° 0	16°26	13°50	8°57	4°24	6° 1	12°D43	13°R32	12°38	15°33	n.a.	M 6
T 7	20 17 23	2°21'32	23°22	29° 1	19°15	17° 3	13°53	9° 3	4°24	6° 3	12°43	13°32	12°35	15°39	n.a.	T 7
W 8	20 21 20	3°20'09	5♊25	29°53	20°29	17°40	13°56	9° 9	4°25	6° 5	12°43	13°30	12°32	15°46	n.a.	W 8
T 9	20 25 16	4°18'48	17°19	0♍42	21°44	18°17	14° 0	9°14	4°26	6° 7	12°43	13°26	12°28	15°53	n.a.	T 9
F 10	20 29 13	5°17'29	29°10	1°28	22°58	18°54	14° 3	9°20	4°27	6° 9	12°43	13°19	12°25	15°59	n.a.	F 10
S 11	20 33 9	6°16'12	10♋59	2° 9	24°12	19°31	14° 7	9°25	4°27	6°11	12°43	13° 9	12°22	16° 6	n.a.	S 11
S 12	20 37 6	7°14'58	22°51	2°47	25°27	20° 8	14°10	9°31	4°28	6°13	12°43	12°57	12°19	16°13	n.a.	S 12
M13	20 41 2	8°13'46	4♌46	3°20	26°41	20°45	14°14	9°36	4°29	6°15	12°43	12°43	12°16	16°20	n.a.	M13
T 14	20 44 59	9°12'36	16°46	3°49	27°56	21°21	14°18	9°41	4°30	6°17	12°44	12°29	12°13	16°26	n.a.	T 14
W15	20 48 55	10°11'29	28°53	4°13	29°10	21°58	14°23	9°46	4°31	6°19	12°44	12°15	12° 9	16°33	n.a.	W15
T 16	20 52 52	11°10'23	11♍ 6	4°32	0♍25	22°35	14°27	9°52	4°32	6°21	12°44	12° 3	12° 6	16°40	n.a.	T 16
F 17	20 56 48	12° 9'19	23°28	4°44	1°39	23°11	14°32	9°57	4°34	6°23	12°45	11°53	12° 3	16°46	n.a.	F 17
S 18	21 0 45	13° 8'17	6♎ 1	4°51	2°53	23°48	14°37	10° 1	4°35	6°25	12°45	11°47	12° 0	16°53	n.a.	S 18
S 19	21 4 42	14° 7'17	18°46	4°R51	4° 8	24°24	14°42	10° 6	4°36	6°27	12°45	11°44	11°57	17° 0	n.a.	S 19
M20	21 8 38	15° 6'20	1♏47	4°44	5°22	25° 0	14°47	10°11	4°37	6°28	12°46	11°42	11°53	17° 7	n.a.	M20
T 21	21 12 35	16° 5'24	15° 7	4°30	6°36	25°37	14°52	10°16	4°39	6°30	12°46	11°42	11°50	17°13	n.a.	T 21
W22	21 16 31	17° 4'30	28°48	4° 9	7°51	26°13	14°58	10°20	4°40	6°32	12°47	11°42	11°47	17°20	n.a.	W22
T 23	21 20 28	18° 3'38	12♐53	3°40	9° 5	26°49	15° 3	10°25	4°41	6°34	12°47	11°40	11°44	17°27	n.a.	T 23
F 24	21 24 24	19° 2'47	27°21	3° 3	10°19	27°25	15° 9	10°29	4°43	6°36	12°48	11°36	11°41	17°33	n.a.	F 24
S 25	21 28 21	20° 1'59	12♑ 8	2°18	11°34	28° 1	15°15	10°34	4°44	6°37	12°49	11°30	11°38	17°40	n.a.	S 25
S 26	21 32 17	21° 1'13	27°11	1°27	12°48	28°37	15°21	10°38	4°46	6°39	12°49	11°21	11°34	17°47	n.a.	S 26
M27	21 36 14	22° 0'29	12♒18	0°29	14° 2	29°13	15°28	10°42	4°48	6°41	12°50	11°10	11°31	17°53	n.a.	M27
T 28	21 40 11	22°59'46	27°21	29♌26	15°17	29°49	15°34	10°46	4°49	6°42	12°51	10°59	11°28	18° 0	n.a.	T 28
W29	21 44 7	23°59'06	12♓ 9	28°19	16°31	0♋25	15°41	10°50	4°51	6°44	12°51	10°48	11°25	18° 7	n.a.	W29
T 30	21 48 4	24°58'29	26°34	27° 9	17°45	1° 0	15°47	10°54	4°53	6°46	12°52	10°40	11°22	18°14	n.a.	T 30
F 31	21 52 0	25♌57'53	10♈32	25♌58	19♍ 0	1♋36	15♏54	10♊58	4♏55	6♋47	12♏53	10♏34	11♏18	18♋20	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21n12	5s49	4n44	12n46	1s26	18n54	1n26	23n19	0n33	15s50	0n23	21n12	0s54	12s55	0n17	23n39	0s 3	9s17	6n58	16s14	15s58	18n27		n.a.	W 1
T 2	21 1	0 52	4 9	12 15	1 35	18 32	1 25	23 24	0 33	15 51	0 23	21 13	0 54	12 55	0 17	23 39	0 3	9 17	6 57	16 12	15 57	18 26		n.a.	T 2
F 3	20 49	3n58	3 20	11 45	1 44	18 10	1 24	23 30	0 34	15 52	0 23	21 14	0 54	12 56	0 17	23 39	0 3	9 17	6 57	16 11	15 56	18 25		n.a.	F 3
S 4	20 36	8 26	2 22	11 15	1 53	17 47	1 24	23 35	0 35	15 52	0 22	21 14	0 54	12 56	0 17	23 39	0 3	9 18	6 57	16 10	15 55	18 24		n.a.	S 4
S 5	20 24	12 22	1 19	10 45	2 2	17 23	1 23	23 39	0 36	15 53	0 22	21 15	0 54	12 56	0 17	23 39	0 3	9 18	6 56	16 10	15 54	18 23		n.a.	S 5
M 6	20 11	15 37	0 13	10 17	2 11	16 59	1 22	23 44	0 36	15 54	0 22	21 16	0 54	12 56	0 17	23 39	0 3	9 18	6 56	16 10	15 53	18 22		n.a.	M 6
T 7	19 58	18 5	0s52	9 49	2 20	16 35	1 21	23 49	0 37	15 55	0 22	21 17	0 54	12 56	0 17	23 38	0 3	9 18	6 56	16 10	15 52	18 20		n.a.	T 7
W 8	19 44	19 42	1 53	9 23	2 29	16 10	1 21	23 53	0 38	15 57	0 22	21 18	0 54	12 57	0 17	23 38	0 3	9 19	6 56	16 9	15 51	18 19		n.a.	W 8
T 9	19 30	20 25	2 49	8 57	2 38	15 45	1 20	23 57	0 39	15 58	0 21	21 19	0 54	12 57	0 17	23 38	0 3	9 19	6 55	16 8	15 50	18 18		n.a.	T 9
F 10	19 16	20 14	3 36	8 33	2 46	15 19	1 19	24 1	0 39	15 59	0 21	21 20	0 54	12 57	0 17	23 38	0 3	9 19	6 55	16 6	15 49	18 17		n.a.	F 10
S 11	19 1	19 9	4 14	8 10	2 54	14 53	1 17	24 5	0 40	16 0	0 21	21 21	0 54	12 58	0 17	23 38	0 3	9 20	6 55	16 3	15 48	18 16		n.a.	S 11
S 12	18 46	17 14	4 42	7 49	3 2	14 27	1 16	24 8	0 41	16 2	0 21	21 22	0 54	12 58	0 17	23 38	0 3	9 20	6 54	15 59	15 47	18 15		n.a.	S 12
M13	18 31	14 35	4 57	7 30	3 10	14 0	1 15	24 12	0 42	16 3	0 21	21 22	0 54	12 58	0 17	23 38	0 3	9 21	6 54	15 55	15 46	18 13		n.a.	M13
T 14	18 15	11 19	4 59	7 13	3 17	13 32	1 14	24 15	0 42	16 4	0 20	21 23	0 54	12 59	0 16	23 38	0 3	9 21	6 54	15 50	15 45	18 12		n.a.	T 14
W15	17 59	7 34	4 47	6 58	3 24	13 5	1 12	24 18	0 43	16 6	0 20	21 24	0 54	12 59	0 16	23 38	0 3	9 21	6 53	15 46	15 44	18 11		n.a.	W15
T 16	17 43	3 29	4 23	6 46	3 30	12 37	1 11	24 21	0 44	16 7	0 20	21 25	0 54	12 59	0 16	23 38	0 3	9 22	6 53	15 42	15 43	18 10		n.a.	T 16
F 17	17 26	0s48	3 45	6 36	3 35	12 9	1 9	24 24	0 45	16 9	0 20	21 25	0 54	13 0	0 16	23 38	0 3	9 22	6 53	15 39	15 42	18 9		n.a.	F 17
S 18	17 9	5 7	2 56	6 29	3 40	11 40	1 8	24 27	0 45	16 11	0 20	21 26	0 54	13 0	0 16	23 38	0 3	9 23	6 52	15 37	15 41	18 7		n.a.	S 18
S 19	16 52	9 17	1 58	6 26	3 43	11 11	1 6	24 29	0 46	16 12	0 19	21 27	0 54	13 1	0 16	23 38	0 3	9 23	6 52	15 36	15 40	18 6		n.a.	S 19
M20	16 34	13 6	0 52	6 26	3 46	10 42	1 5	24 31	0 47	16 14	0 19	21 28	0 54	13 1	0 16	23 37	0 3	9 23	6 52	15 36	15 39	18 5		n.a.	M20
T 21	16 17	16 21	0n18	6 29	3 48	10 12	1 3	24 33	0 48	16 16	0 19	21 28	0 54	13 2	0 16	23 37	0 3	9 24	6 51	15 36	15 38	18 4		n.a.	T 21
W22	15 59	18 47	1 29	6 37	3 48	9 43	1 1	24 35	0 48	16 18	0 19	21 29	0 54	13 2	0 16	23 37	0 3	9 24	6 51	15 36	15 37	18 3		n.a.	W22
T 23	15 40	20 8	2 37	6 49	3 47	9 13	0 59	24 37	0 49	16 19	0 19	21 30	0 54	13 3	0 16	23 37	0 3	9 25	6 51	15 35	15 36	18 1		n.a.	T 23
F 24	15 22	20 12	3 36	7 5	3 44	8 42	0 58	24 39	0 50	16 21	0 18	21 30	0 54	13 3	0 16	23 37	0 3	9 25	6 50	15 34	15 35	18 0		n.a.	F 24
S 25	15 3	18 55	4 23	7 26	3 39	8 12	0 56	24 40	0 51	16 23	0 18	21 31	0 54	13 4	0 16	23 37	0 3	9 26	6 50	15 32	15 34	17 59		n.a.	S 25
S 26	14 44	16 18	4 52	7 50	3 32	7 41	0 54	24 41	0 52	16 25	0 18	21 32	0 54	13 4	0 16	23 37	0 3	9 26	6 50	15 29	15 33	17 58		n.a.	S 26
M27	14 24	12 35	5 1	8 19	3 24	7 10	0 52	24 42	0 52	16 27	0 18	21 32	0 54	13 5	0 16	23 37	0 3	9 27	6 49	15 26	15 32	17 57		n.a.	M27
T 28	14 5	8 5	4 49	8 51	3 13	6 39	0 50	24 43	0 53	16 29	0 18	21 33	0 54	13 5	0 16	23 37	0 3	9 27	6 49	15 22	15 31	17 55		n.a.	T 28
W29	13 45	3 9	4 18	9 27	3 0	6 8	0 47	24 44	0 54	16 32	0 18	21 33	0 54	13 6	0 16	23 37	0 3	9 28	6 49	15 19	15 30	17 54		n.a.	W29
T 30	13 25	1n49	3 30	10 5	2 46	5 37	0 45	24 45	0 55	16 34	0 17	21 34	0 54	13 7	0 16	23 37	0 3	9 28	6 48	15 16	15 29	17 53		n.a.	T 30
F 31	13n 4	6n33	2n32	10n44	2s29	5n 5	0n43	24n45	0n56	16s36	0n17	21n34	0s54	13s 7	0n16	23n37	0s 3	9s29	6n48	15s14	15s28	17n52		n.a.	F 31

Julian Day Number = 1280413.5, Delta T = 08h08m41s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'26, Lahiri = -20°37'26 Julian Calendar 1 Aug. 1208 BCE == Greg. Calendar 21 July 1208 BCE

The year -1207 astronomical counting style corresponds to year 1208 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1208 BCE
geocentric

SEPTEMBER 1208 BCE (-1207) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 55 57	26♌57'20	24♈ 0	24°R48	20♍14	2♋11	16♏ 1	11♊ 1	4♏56	6♋49	12♏54	10°R31	11♏15	18♋27	n.a.	S 1
S 2	21 59 53	27°56'50	7♉ 1	23♌41	21°28	2°47	16° 9	11° 5	4°58	6°50	12°55	10°D30	11°12	18°34	n.a.	S 2
M 3	22 3 50	28°56'22	19°38	22°38	22°42	3°22	16°16	11° 9	5° 0	6°52	12°55	10♏30	11° 9	18°40	n.a.	M 3
T 4	22 7 46	29°55'56	1♊56	21°43	23°57	3°58	16°23	11°12	5° 2	6°53	12°56	10°R30	11° 6	18°47	n.a.	T 4
W 5	22 11 43	0♍55'33	13°59	20°56	25°11	4°33	16°31	11°15	5° 4	6°55	12°57	10°30	11° 3	18°54	n.a.	W 5
T 6	22 15 39	1°55'13	25°53	20°18	26°25	5° 8	16°39	11°18	5° 6	6°56	12°58	10°27	10°59	19° 1	n.a.	T 6
F 7	22 19 36	2°54'55	7♋43	19°51	27°39	5°44	16°47	11°22	5° 8	6°58	12°59	10°21	10°56	19° 7	n.a.	F 7
S 8	22 23 33	3°54'39	19°34	19°35	28°54	6°19	16°55	11°25	5°11	6°59	13° 0	10°13	10°53	19°14	n.a.	S 8
S 9	22 27 29	4°54'25	1♌28	19°D30	0♎ 8	6°54	17° 3	11°27	5°13	7° 1	13° 1	10° 3	10°50	19°21	n.a.	S 9
M10	22 31 26	5°54'14	13°29	19°35	1°22	7°29	17°11	11°30	5°15	7° 2	13° 3	9°51	10°47	19°27	n.a.	M10
T 11	22 35 22	6°54'05	25°37	19°52	2°36	8° 4	17°20	11°33	5°17	7° 3	13° 4	9°39	10°44	19°34	n.a.	T 11
W12	22 39 19	7°53'58	7♍55	20°19	3°50	8°38	17°28	11°36	5°20	7° 5	13° 5	9°27	10°40	19°41	n.a.	W12
T 13	22 43 15	8°53'53	20°23	20°55	5° 5	9°13	17°37	11°38	5°22	7° 6	13° 6	9°17	10°37	19°48	n.a.	T 13
F 14	22 47 12	9°53'50	3♎ 2	21°40	6°19	9°48	17°46	11°40	5°25	7° 7	13° 7	9° 9	10°34	19°54	n.a.	F 14
S 15	22 51 8	10°53'49	15°50	22°33	7°33	10°22	17°55	11°43	5°27	7° 8	13° 8	9° 4	10°31	20° 1	n.a.	S 15
S 16	22 55 5	11°53'50	28°50	23°33	8°47	10°57	18° 4	11°45	5°29	7° 9	13°10	9° 1	10°28	20° 8	n.a.	S 16
M17	22 59 1	12°53'53	12♏ 2	24°40	10° 1	11°31	18°13	11°47	5°32	7°11	13°11	9°D 1	10°24	20°14	n.a.	M17
T 18	23 2 58	13°53'58	25°28	25°51	11°15	12° 5	18°23	11°49	5°35	7°12	13°12	9° 2	10°21	20°21	n.a.	T 18
W19	23 6 55	14°54'05	9♐ 9	27° 8	12°29	12°40	18°32	11°51	5°37	7°13	13°14	9°R 2	10°18	20°28	n.a.	W19
T 20	23 10 51	15°54'13	23° 6	28°28	13°44	13°14	18°42	11°53	5°40	7°14	13°15	9° 2	10°15	20°35	n.a.	T 20
F 21	23 14 48	16°54'23	7♑19	29°52	14°58	13°48	18°52	11°54	5°43	7°15	13°16	9° 1	10°12	20°41	n.a.	F 21
S 22	23 18 44	17°54'35	21°46	1♍19	16°12	14°22	19° 1	11°56	5°45	7°16	13°18	8°56	10° 9	20°48	n.a.	S 22
S 23	23 22 41	18°54'48	6♒24	2°48	17°26	14°56	19°11	11°57	5°48	7°17	13°19	8°50	10° 5	20°55	n.a.	S 23
M24	23 26 37	19°55'03	21° 7	4°20	18°40	15°29	19°21	11°58	5°51	7°18	13°21	8°43	10° 2	21° 1	n.a.	M24
T 25	23 30 34	20°55'20	5♓47	5°52	19°54	16° 3	19°32	12° 0	5°54	7°19	13°22	8°35	9°59	21° 8	n.a.	T 25
W26	23 34 30	21°55'38	20°18	7°27	21° 8	16°37	19°42	12° 1	5°56	7°20	13°24	8°28	9°56	21°15	n.a.	W26
T 27	23 38 27	22°55'58	4♈32	9° 2	22°22	17°10	19°52	12° 2	5°59	7°20	13°25	8°22	9°53	21°22	n.a.	T 27
F 28	23 42 23	23°56'21	18°23	10°38	23°35	17°44	20° 3	12° 2	6° 2	7°21	13°27	8°18	9°50	21°28	n.a.	F 28
S 29	23 46 20	24°56'45	1♉51	12°14	24°49	18°17	20°13	12° 3	6° 5	7°22	13°29	8°16	9°46	21°35	n.a.	S 29
S 30	23 50 17	25♍57'11	14♉54	13♍51	26♎ 3	18♋50	20♏24	12♊ 4	6♏ 8	7♋23	13♏30	8°D16	9♏43	21♋42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n44	10n48	1n26	11n25	2s12	4n33	0n41	24n45	0n56	16s38	0n17	21n35	0s54	13s 8	0n16	23n37	0s 3	9s29	6n48	15s13	15s27	17n50		n.a.
S 2	12 23	14 22	0 18	12 5	1 53	4 1	0 38	24 46	0 57	16 40	0 17	21 35	0 54	13 9	0 16	23 36	0 3	9 30	6 47	15 13	15 26	17 49		n.a.
M 3	12 2	17 10	0s48	12 44	1 33	3 29	0 36	24 46	0 58	16 43	0 17	21 36	0 54	13 9	0 16	23 36	0 3	9 31	6 47	15 13	15 25	17 48		n.a.
T 4	11 41	19 4	1 51	13 21	1 13	2 57	0 34	24 45	0 59	16 45	0 16	21 36	0 54	13 10	0 16	23 36	0 3	9 31	6 47	15 13	15 24	17 47		n.a.
W 5	11 20	20 5	2 48	13 56	0 52	2 25	0 31	24 45	1 0	16 47	0 16	21 37	0 54	13 11	0 16	23 36	0 3	9 32	6 47	15 13	15 23	17 45		n.a.
T 6	10 58	20 10	3 37	14 27	0 33	1 53	0 29	24 45	1 0	16 50	0 16	21 37	0 54	13 11	0 16	23 36	0 3	9 32	6 46	15 12	15 22	17 44		n.a.
F 7	10 36	19 21	4 16	14 54	0 13	1 21	0 26	24 44	1 1	16 52	0 16	21 38	0 54	13 12	0 16	23 36	0 3	9 33	6 46	15 10	15 21	17 43		n.a.
S 8	10 14	17 42	4 44	15 16	0n 5	0 49	0 24	24 43	1 2	16 55	0 16	21 38	0 54	13 13	0 16	23 36	0 3	9 33	6 46	15 8	15 20	17 42		n.a.
S 9	9 52	15 18	4 59	15 34	0 22	0 16	0 21	24 42	1 3	16 57	0 16	21 39	0 54	13 14	0 16	23 36	0 3	9 34	6 45	15 4	15 19	17 40		n.a.
M10	9 30	12 14	5 2	15 48	0 38	0s16	0 19	24 41	1 4	17 0	0 15	21 39	0 54	13 14	0 16	23 36	0 3	9 35	6 45	15 1	15 18	17 39		n.a.
T 11	9 7	8 38	4 51	15 56	0 53	0 49	0 16	24 40	1 5	17 2	0 15	21 39	0 54	13 15	0 16	23 36	0 3	9 35	6 45	14 57	15 17	17 38		n.a.
W12	8 45	4 37	4 27	16 0	1 6	1 21	0 13	24 38	1 6	17 5	0 15	21 40	0 54	13 16	0 16	23 36	0 3	9 36	6 44	14 53	15 16	17 37		n.a.
T 13	8 22	0 22	3 49	15 59	1 18	1 53	0 11	24 37	1 6	17 8	0 15	21 40	0 54	13 17	0 16	23 36	0 3	9 37	6 44	14 50	15 15	17 35		n.a.
F 14	7 59	3s58	3 0	15 54	1 28	2 26	0 8	24 35	1 7	17 10	0 15	21 40	0 54	13 18	0 16	23 36	0 3	9 37	6 44	14 47	15 14	17 34		n.a.
S 15	7 36	8 11	2 1	15 45	1 37	2 58	0 5	24 33	1 8	17 13	0 15	21 41	0 54	13 18	0 16	23 36	0 3	9 38	6 44	14 45	15 13	17 33		n.a.
S 16	7 13	12 5	0 54	15 32	1 44	3 30	0 2	24 31	1 9	17 16	0 15	21 41	0 54	13 19	0 16	23 36	0 3	9 39	6 43	14 44	15 12	17 32		n.a.
M17	6 50	15 27	0n16	15 15	1 51	4 2	0s 0	24 29	1 10	17 19	0 14	21 41	0 54	13 20	0 16	23 36	0 3	9 39	6 43	14 44	15 11	17 30		n.a.
T 18	6 26	18 2	1 27	14 55	1 55	4 34	0 3	24 27	1 11	17 21	0 14	21 41	0 54	13 21	0 16	23 35	0 3	9 40	6 43	14 45	15 10	17 29		n.a.
W19	6 3	19 39	2 34	14 32	1 59	5 6	0 6	24 25	1 12	17 24	0 14	21 42	0 54	13 22	0 16	23 35	0 3	9 41	6 42	14 45	15 9	17 28		n.a.
T 20	5 39	20 5	3 34	14 6	2 2	5 38	0 9	24 22	1 13	17 27	0 14	21 42	0 54	13 23	0 16	23 35	0 3	9 41	6 42	14 45	15 8	17 26		n.a.
F 21	5 15	19 17	4 22	13 38	2 4	6 10	0 12	24 20	1 13	17 30	0 14	21 42	0 54	13 24	0 16	23 35	0 3	9 42	6 42	14 44	15 7	17 25		n.a.
S 22	4 51	17 13	4 53	13 7	2 4	6 42	0 15	24 17	1 14	17 33	0 14	21 42	0 54	13 25	0 16	23 35	0 3	9 43	6 42	14 43	15 6	17 24		n.a.
S 23	4 27	14 2	5 7	12 34	2 4	7 13	0 17	24 14	1 15	17 36	0 13	21 43	0 54	13 26	0 16	23 35	0 3	9 43	6 41	14 41	15 5	17 23		n.a.
M24	4 3	9 58	5 0	12 0	2 4	7 44	0 20	24 11	1 16	17 39	0 13	21 43	0 54	13 27	0 16	23 35	0 3	9 44	6 41	14 38	15 4	17 21		n.a.
T 25	3 39	5 19	4 33	11 24	2 2	8 16	0 23	24 8	1 17	17 42	0 13	21 43	0 54	13 28	0 16	23 35	0 3	9 45	6 41	14 36	15 3	17 20		n.a.
W26	3 15	0 24	3 50	10 46	2 0	8 47	0 26	24 4	1 18	17 45	0 13	21 43	0 54	13 29	0 16	23 35	0 3	9 45	6 40	14 34	15 2	17 19		n.a.
T 27	2 51	4n27	2 52	10 8	1 58	9 17	0 29	24 1	1 19	17 48	0 13	21 43	0 54	13 30	0 16	23 35	0 3	9 46	6 40	14 32	15 1	17 17		n.a.
F 28	2 27	8 57	1 45	9 28	1 55	9 48	0 32	23 58	1 20	17 51	0 13	21 43	0 54	13 31	0 16	23 35	0 3	9 47	6 40	14 30	15 0	17 16		n.a.
S 29	2 2	12 51	0 35	8 47	1 51	10 18	0 35	23 54	1 21	17 54	0 13	21 43	0 54	13 32	0 16	23 35	0 3	9 48	6 40	14 30	14 59	17 15		n.a.
S 30	1n38	16n 0	0s36	8n 6	1n47	10s48	0s37	23n50	1n22	17s57	0n12	21n43	0s54	13s33	0n15	23n35	0s 3	9s48	6n39	14s30	14s58	17n13		n.a.

Julian Day Number = 1280444.5, Delta T = 08h08m39s
Ecliptic obliquity = 23°50'11, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'22, Lahiri = -20°37'22 Julian Calendar 1 Sept. 1208 BCE == Greg. Calendar 21 Aug. 1208 BCE

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ASTRODIENST EPHEMERIS for the year 1208 BCE
geocentric

OCTOBER 1208 BCE (-1207) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 54 13	26♍57'40	27♉34	15♍28	27♎17	19♋23	20♏35	12♊ 4	6♏11	7♋23	13♏32	8♏17	9♏40	21♋48	n.a.	M 1
T 2	23 58 10	27°58'10	9♊55	17° 5	28°31	19°56	20°46	12° 5	6°14	7°24	13°34	8°19	9°37	21°55	n.a.	T 2
W 3	0 2 6	28°58'42	22° 2	18°43	29°45	20°29	20°57	12° 5	6°17	7°25	13°35	8°20	9°34	22° 2	n.a.	W 3
T 4	0 6 3	29°59'17	3♋58	20°20	0♏59	21° 2	21° 8	12° 5	6°20	7°25	13°37	8°R20	9°30	22° 9	n.a.	T 4
F 5	0 9 59	0♎59'53	15°50	21°58	2°12	21°35	21°19	12°R 5	6°24	7°26	13°39	8°19	9°27	22°15	n.a.	F 5
S 6	0 13 56	2° 0'31	27°42	23°35	3°26	22° 7	21°30	12° 5	6°27	7°26	13°40	8°16	9°24	22°22	n.a.	S 6
S 7	0 17 52	3° 1'12	9♌38	25°12	4°40	22°40	21°42	12° 5	6°30	7°27	13°42	8°11	9°21	22°29	n.a.	S 7
M 8	0 21 49	4° 1'53	21°43	26°49	5°54	23°12	21°53	12° 5	6°33	7°27	13°44	8° 6	9°18	22°36	n.a.	M 8
T 9	0 25 46	5° 2'37	3♍59	28°26	7° 7	23°44	22° 5	12° 4	6°36	7°28	13°46	8° 0	9°15	22°42	n.a.	T 9
W10	0 29 42	6° 3'23	16°28	0♎ 3	8°21	24°16	22°16	12° 4	6°40	7°28	13°48	7°54	9°11	22°49	n.a.	W10
T 11	0 33 39	7° 4'10	29°11	1°39	9°35	24°48	22°28	12° 3	6°43	7°29	13°49	7°49	9° 8	22°56	n.a.	T 11
F 12	0 37 35	8° 4'58	12♎ 9	3°15	10°49	25°20	22°40	12° 2	6°46	7°29	13°51	7°45	9° 5	23° 2	n.a.	F 12
S 13	0 41 32	9° 5'48	25°20	4°51	12° 2	25°52	22°52	12° 2	6°50	7°29	13°53	7°43	9° 2	23° 9	n.a.	S 13
S 14	0 45 28	10° 6'40	8♏43	6°27	13°16	26°24	23° 4	12° 1	6°53	7°30	13°55	7°D42	8°59	23°16	n.a.	S 14
M15	0 49 25	11° 7'32	22°18	8° 3	14°29	26°55	23°16	11°59	6°56	7°30	13°57	7°43	8°55	23°23	n.a.	M15
T 16	0 53 21	12° 8'26	6♐ 3	9°38	15°43	27°26	23°28	11°58	7° 0	7°30	13°59	7°44	8°52	23°29	n.a.	T 16
W17	0 57 18	13° 9'21	19°57	11°13	16°56	27°58	23°40	11°57	7° 3	7°30	14° 1	7°46	8°49	23°36	n.a.	W17
T 18	1 1 15	14°10'18	3♑59	12°48	18°10	28°29	23°52	11°56	7° 7	7°30	14° 3	7°47	8°46	23°43	n.a.	T 18
F 19	1 5 11	15°11'15	18° 7	14°23	19°23	29° 0	24° 5	11°54	7°10	7°30	14° 5	7°R47	8°43	23°49	n.a.	F 19
S 20	1 9 8	16°12'13	2♒21	15°58	20°37	29°31	24°17	11°52	7°13	7°30	14° 7	7°46	8°40	23°56	n.a.	S 20
S 21	1 13 4	17°13'12	16°36	17°33	21°50	0♌ 1	24°29	11°51	7°17	7°R30	14° 9	7°45	8°36	24° 3	n.a.	S 21
M22	1 17 1	18°14'11	0♓51	19° 7	23° 4	0°32	24°42	11°49	7°20	7°30	14°11	7°42	8°33	24°10	n.a.	M22
T 23	1 20 57	19°15'12	15° 2	20°42	24°17	1° 2	24°55	11°47	7°24	7°30	14°13	7°39	8°30	24°16	n.a.	T 23
W24	1 24 54	20°16'14	29° 3	22°16	25°30	1°32	25° 7	11°45	7°27	7°30	14°15	7°37	8°27	24°23	n.a.	W24
T 25	1 28 50	21°17'16	12♈53	23°50	26°43	2° 2	25°20	11°43	7°31	7°30	14°17	7°35	8°24	24°30	n.a.	T 25
F 26	1 32 47	22°18'20	26°26	25°24	27°57	2°32	25°33	11°40	7°35	7°30	14°19	7°34	8°21	24°36	n.a.	F 26
S 27	1 36 44	23°19'24	9♉42	26°58	29°10	3° 2	25°46	11°38	7°38	7°30	14°21	7°D34	8°17	24°43	n.a.	S 27
S 28	1 40 40	24°20'30	22°38	28°33	0♐23	3°32	25°59	11°35	7°42	7°30	14°23	7°34	8°14	24°50	n.a.	S 28
M29	1 44 37	25°21'37	5♊17	0♏ 7	1°36	4° 1	26°11	11°33	7°45	7°29	14°26	7°35	8°11	24°57	n.a.	M29
T 30	1 48 33	26°22'45	17°38	1°41	2°49	4°30	26°25	11°30	7°49	7°29	14°28	7°36	8° 8	25° 3	n.a.	T 30
W31	1 52 30	27♎23'54	29♊47	3♏15	4♐ 2	4♌59	26♏38	11♊27	7♏52	7♋29	14♏30	7♏37	8♏ 5	25♋10	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n14	18n16	1s43	7n24	1n43	11s18	0s40	23n46	1n23	18s 0	0n12	21n43	0s54	13s34	0n15	23n35	0s 3	9s49	6n39	14s30	14s57	17n12			n.a.
T 2	0 49	19 37	2 43	6 41	1 38	11 48	0 43	23 42	1 24	18 3	0 12	21 44	0 54	13 35	0 15	23 35	0 3	9 50	6 39	14 31	14 56	17 11			n.a.
W 3	0 25	20 1	3 35	5 58	1 33	12 17	0 46	23 38	1 25	18 6	0 12	21 44	0 54	13 36	0 15	23 35	0 3	9 50	6 39	14 31	14 55	17 9			n.a.
T 4	0 0	19 30	4 17	5 14	1 28	12 46	0 49	23 34	1 26	18 9	0 12	21 44	0 54	13 37	0 15	23 35	0 3	9 51	6 38	14 31	14 54	17 8			n.a.
F 5	0s24	18 7	4 48	4 30	1 23	13 15	0 52	23 30	1 27	18 12	0 12	21 44	0 54	13 38	0 15	23 35	0 3	9 52	6 38	14 31	14 53	17 7			n.a.
S 6	0 49	15 58	5 6	3 46	1 17	13 43	0 54	23 25	1 28	18 15	0 12	21 44	0 54	13 39	0 15	23 35	0 3	9 53	6 38	14 30	14 52	17 5			n.a.
S 7	1 13	13 8	5 11	3 1	1 11	14 11	0 57	23 21	1 29	18 18	0 11	21 44	0 54	13 40	0 15	23 35	0 3	9 53	6 38	14 28	14 51	17 4			n.a.
M 8	1 38	9 44	5 2	2 17	1 5	14 39	1 0	23 16	1 30	18 21	0 11	21 44	0 54	13 41	0 15	23 35	0 3	9 54	6 37	14 26	14 50	17 3			n.a.
T 9	2 2	5 52	4 40	1 32	0 59	15 6	1 3	23 12	1 31	18 25	0 11	21 43	0 54	13 42	0 15	23 35	0 2	9 55	6 37	14 24	14 49	17 1			n.a.
W10	2 27	1 41	4 4	0 47	0 53	15 33	1 5	23 7	1 32	18 28	0 11	21 43	0 54	13 43	0 15	23 35	0 2	9 56	6 37	14 22	14 48	17 0			n.a.
T 11	2 51	2s39	3 15	0 3	0 47	16 0	1 8	23 2	1 33	18 31	0 11	21 43	0 54	13 44	0 15	23 35	0 2	9 56	6 37	14 21	14 47	16 59			n.a.
F 12	3 15	6 57	2 15	0s42	0 40	16 26	1 11	22 57	1 34	18 34	0 11	21 43	0 54	13 46	0 15	23 35	0 2	9 57	6 37	14 19	14 46	16 57			n.a.
S 13	3 40	11 0	1 7	1 27	0 34	16 52	1 13	22 52	1 35	18 37	0 11	21 43	0 54	13 47	0 15	23 35	0 2	9 58	6 36	14 19	14 45	16 56			n.a.
S 14	4 4	14 33	0n 6	2 11	0 27	17 17	1 16	22 47	1 36	18 41	0 10	21 43	0 54	13 48	0 15	23 35	0 2	9 59	6 36	14 18	14 44	16 55			n.a.
M15	4 28	17 22	1 19	2 55	0 21	17 42	1 18	22 42	1 37	18 44	0 10	21 43	0 54	13 49	0 15	23 35	0 2	10 0	6 36	14 19	14 43	16 53			n.a.
T 16	4 53	19 13	2 30	3 40	0 14	18 6	1 21	22 37	1 38	18 47	0 10	21 43	0 54	13 50	0 15	23 35	0 2	10 0	6 36	14 19	14 42	16 52			n.a.
W17	5 17	19 56	3 32	4 23	0 8	18 30	1 23	22 31	1 39	18 50	0 10	21 43	0 54	13 51	0 15	23 35	0 2	10 1	6 36	14 20	14 40	16 51			n.a.
T 18	5 41	19 25	4 22	5 7	0 1	18 54	1 26	22 26	1 40	18 53	0 10	21 42	0 54	13 52	0 15	23 35	0 2	10 2	6 35	14 20	14 39	16 49			n.a.
F 19	6 5	17 41	4 57	5 51	0s 5	19 17	1 28	22 21	1 41	18 57	0 10	21 42	0 54	13 54	0 15	23 35	0 2	10 3	6 35	14 20	14 38	16 48			n.a.
S 20	6 28	14 52	5 14	6 34	0 12	19 39	1 31	22 15	1 42	19 0	0 10	21 42	0 54	13 55	0 15	23 35	0 2	10 3	6 35	14 20	14 37	16 47			n.a.
S 21	6 52	11 11	5 11	7 17	0 18	20 1	1 33	22 10	1 43	19 3	0 10	21 42	0 54	13 56	0 15	23 35	0 2	10 4	6 35	14 19	14 36	16 45			n.a.
M22	7 16	6 51	4 50	7 59	0 24	20 23	1 35	22 4	1 44	19 6	0 9	21 42	0 54	13 57	0 15	23 35	0 2	10 5	6 35	14 18	14 35	16 44			n.a.
T 23	7 39	2 9	4 11	8 41	0 31	20 43	1 37	21 58	1 45	19 10	0 9	21 41	0 54	13 58	0 15	23 35	0 2	10 6	6 34	14 18	14 34	16 42			n.a.
W24	8 3	2n37	3 17	9 23	0 37	21 4	1 40	21 53	1 46	19 13	0 9	21 41	0 54	13 59	0 15	23 35	0 2	10 6	6 34	14 17	14 33	16 41			n.a.
T 25	8 26	7 11	2 12	10 4	0 43	21 24	1 42	21 47	1 48	19 16	0 9	21 41	0 54	14 1	0 15	23 35	0 2	10 7	6 34	14 16	14 32	16 40			n.a.
F 26	8 49	11 19	1 1	10 45	0 49	21 43	1 44	21 41	1 49	19 19	0 9	21 40	0 54	14 2	0 15	23 35	0 2	10 8	6 34	14 16	14 31	16 38			n.a.
S 27	9 12	14 46	0s12	11 25	0 55	22 1	1 46	21 35	1 50	19 23	0 9	21 40	0 54	14 3	0 15	23 35	0 2	10 9	6 34	14 16	14 30	16 37			n.a.
S 28	9 35	17 24	1 23	12 5	1 1	22 19	1 48	21 29	1 51	19 26	0 9	21 40	0 54	14 4	0 15	23 35	0 2	10 10	6 33	14 16	14 29	16 35			n.a.
M29	9 58	19 7	2 28	12 44	1 7	22 36	1 49	21 23	1 52	19 29	0 8	21 39	0 53	14 5	0 15	23 35	0 2	10 10	6 33	14 16	14 28	16 34			n.a.
T 30	10 21	19 52	3 24	13 23	1 12	22 53	1 51	21 17	1 53	19 32	0 8	21 39	0 53	14 7	0 15	23 35	0 2	10 11	6 33	14 17	14 27	16 33			n.a.
W31	10s43	19n40	4s11	14s 1	1s18	23s 9	1s53	21n11	1n55	19s35	0n 8	21n39	0s53	14s 8	0n15	23n35	0s 2	10s12	6n33	14s17	14s26	16n31			n.a.

Julian Day Number = 1280474.5, Delta T = 08h08m37s
Ecliptic obliquity = 23°50'11, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'18, Lahiri = -20°37'18 Julian Calendar 1 Oct. 1208 BCE == Greg. Calendar 20 Sept. 1208 BCE

The year -1207 astronomical counting style corresponds to year 1208 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1208 BCE
geocentric

NOVEMBER 1208 BCE (-1207) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 56 26	28♎25'04	11♋45	4♏49	5♐15	5♌28	26♏51	11°R25	7♏56	7°R29	14♏32	7♏38	8♏ 1	25♋17	n.a.	T 1
F 2	2 0 23	29°26'15	23°38	6°23	6°28	5°57	27° 4	11♊22	8° 0	7♋28	14°34	7°38	7°58	25°23	n.a.	F 2
S 3	2 4 19	0♏27'27	5♌31	7°58	7°41	6°25	27°17	11°19	8° 3	7°28	14°36	7°R39	7°55	25°30	n.a.	S 3
S 4	2 8 16	1°28'40	17°27	9°32	8°54	6°54	27°30	11°15	8° 7	7°27	14°38	7°38	7°52	25°37	n.a.	S 4
M 5	2 12 13	2°29'54	29°32	11° 6	10° 6	7°22	27°44	11°12	8°11	7°27	14°41	7°38	7°49	25°44	n.a.	M 5
T 6	2 16 9	3°31'09	11♍50	12°41	11°19	7°50	27°57	11° 9	8°14	7°26	14°43	7°37	7°46	25°50	n.a.	T 6
W 7	2 20 6	4°32'24	24°25	14°15	12°32	8°18	28°11	11° 5	8°18	7°26	14°45	7°37	7°42	25°57	n.a.	W 7
T 8	2 24 2	5°33'41	7♎18	15°50	13°45	8°45	28°24	11° 2	8°22	7°25	14°47	7°36	7°39	26° 4	n.a.	T 8
F 9	2 27 59	6°34'58	20°30	17°24	14°57	9°12	28°38	10°58	8°25	7°25	14°49	7°36	7°36	26°11	n.a.	F 9
S 10	2 31 55	7°36'15	4♏ 2	18°59	16°10	9°40	28°51	10°55	8°29	7°24	14°52	7°36	7°33	26°17	n.a.	S 10
S 11	2 35 52	8°37'33	17°52	20°33	17°22	10° 6	29° 5	10°51	8°33	7°23	14°54	7°36	7°30	26°24	n.a.	S 11
M12	2 39 48	9°38'52	1♐56	22° 7	18°35	10°33	29°18	10°47	8°36	7°23	14°56	7°36	7°26	26°31	n.a.	M12
T 13	2 43 45	10°40'11	16°10	23°41	19°47	11° 0	29°32	10°43	8°40	7°22	14°58	7°36	7°23	26°37	n.a.	T 13
W14	2 47 42	11°41'29	0♑30	25°15	20°59	11°26	29°46	10°39	8°44	7°21	15° 0	7°35	7°20	26°44	n.a.	W14
T 15	2 51 38	12°42'48	14°51	26°49	22°11	11°52	29°59	10°35	8°47	7°20	15° 3	7°35	7°17	26°51	n.a.	T 15
F 16	2 55 35	13°44'07	29°10	28°22	23°24	12°17	0♐13	10°31	8°51	7°19	15° 5	7°34	7°14	26°58	n.a.	F 16
S 17	2 59 31	14°45'26	13♒23	29°54	24°36	12°43	0°27	10°27	8°54	7°19	15° 7	7°D34	7°11	27° 4	n.a.	S 17
S 18	3 3 28	15°46'44	27°28	1♐26	25°48	13° 8	0°41	10°23	8°58	7°18	15° 9	7°34	7° 7	27°11	n.a.	S 18
M19	3 7 24	16°48'02	11♓23	2°57	27° 0	13°33	0°55	10°18	9° 2	7°17	15°11	7°35	7° 4	27°18	n.a.	M19
T 20	3 11 21	17°49'20	25° 7	4°27	28°11	13°58	1° 8	10°14	9° 5	7°16	15°14	7°36	7° 1	27°24	n.a.	T 20
W21	3 15 18	18°50'38	8♈40	5°56	29°23	14°22	1°22	10°10	9° 9	7°15	15°16	7°37	6°58	27°31	n.a.	W21
T 22	3 19 14	19°51'56	22° 1	7°23	0♑35	14°46	1°36	10° 5	9°13	7°14	15°18	7°38	6°55	27°38	n.a.	T 22
F 23	3 23 11	20°53'13	5♉ 9	8°48	1°47	15°10	1°50	10° 1	9°16	7°13	15°20	7°R38	6°52	27°45	n.a.	F 23
S 24	3 27 7	21°54'30	18° 4	10°11	2°58	15°34	2° 4	9°56	9°20	7°12	15°23	7°38	6°48	27°51	n.a.	S 24
S 25	3 31 4	22°55'47	0♊46	11°31	4° 9	15°57	2°18	9°51	9°23	7°11	15°25	7°37	6°45	27°58	n.a.	S 25
M26	3 35 0	23°57'04	13°15	12°49	5°21	16°20	2°32	9°47	9°27	7°10	15°27	7°35	6°42	28° 5	n.a.	M26
T 27	3 38 57	24°58'21	25°32	14° 2	6°32	16°43	2°46	9°42	9°31	7° 8	15°29	7°32	6°39	28°12	n.a.	T 27
W28	3 42 53	25°59'38	7♋38	15°11	7°43	17° 5	3° 0	9°37	9°34	7° 7	15°31	7°29	6°36	28°18	n.a.	W28
T 29	3 46 50	27° 0'54	19°37	16°15	8°54	17°27	3°14	9°33	9°38	7° 6	15°34	7°26	6°32	28°25	n.a.	T 29
F 30	3 50 47	28♏ 2'11	1♌30	17♐13	10♑ 5	17♌49	3♐28	9♊28	9♏41	7♋ 5	15♏36	7♏23	6♏29	28♋32	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 5	18n34	4s45	14s39	1s23	23s24	1s55	21n 5	1n56	19s39	0n 8	21n38	0s53	14s 9	0n15	23n35	0s 2	10s13	6n33	14s17	14s25	16n30		n.a.
F 2	11 27	16 41	5 8	15 15	1 28	23 39	1 56	20 59	1 57	19 42	0 8	21 38	0 53	14 10	0 15	23 35	0 2	10 13	6 33	14 17	14 24	16 29		n.a.
S 3	11 49	14 5	5 17	15 52	1 33	23 53	1 58	20 53	1 58	19 45	0 8	21 38	0 53	14 11	0 15	23 35	0 2	10 14	6 33	14 17	14 23	16 27		n.a.
S 4	12 11	10 54	5 12	16 27	1 38	24 7	1 59	20 47	1 59	19 48	0 8	21 37	0 53	14 13	0 15	23 35	0 2	10 15	6 32	14 17	14 22	16 26		n.a.
M 5	12 32	7 14	4 54	17 2	1 42	24 19	2 0	20 41	2 1	19 51	0 8	21 37	0 53	14 14	0 15	23 35	0 2	10 16	6 32	14 17	14 21	16 24		n.a.
T 6	12 54	3 12	4 22	17 35	1 47	24 31	2 2	20 34	2 2	19 55	0 8	21 36	0 53	14 15	0 15	23 35	0 2	10 17	6 32	14 17	14 20	16 23		n.a.
W 7	13 15	1s 4	3 37	18 8	1 50	24 42	2 3	20 28	2 3	19 58	0 7	21 36	0 53	14 16	0 15	23 35	0 2	10 17	6 32	14 17	14 19	16 21		n.a.
T 8	13 36	5 23	2 40	18 40	1 54	24 53	2 4	20 22	2 4	20 1	0 7	21 36	0 53	14 17	0 15	23 35	0 2	10 18	6 32	14 17	14 18	16 20		n.a.
F 9	13 56	9 35	1 34	19 11	1 58	25 3	2 5	20 16	2 6	20 4	0 7	21 35	0 53	14 19	0 15	23 35	0 2	10 19	6 32	14 17	14 16	16 19		n.a.
S 10	14 17	13 23	0 20	19 41	2 1	25 12	2 6	20 10	2 7	20 7	0 7	21 35	0 53	14 20	0 15	23 35	0 2	10 20	6 32	14 17	14 15	16 17		n.a.
S 11	14 37	16 32	0n57	20 10	2 3	25 20	2 7	20 4	2 8	20 10	0 7	21 34	0 53	14 21	0 15	23 35	0 2	10 20	6 31	14 17	14 14	16 16		n.a.
M12	14 57	18 45	2 11	20 37	2 6	25 27	2 8	19 57	2 10	20 13	0 7	21 34	0 53	14 22	0 15	23 36	0 2	10 21	6 31	14 16	14 13	16 14		n.a.
T 13	15 16	19 49	3 18	21 4	2 8	25 34	2 8	19 51	2 11	20 17	0 7	21 33	0 53	14 23	0 15	23 36	0 2	10 22	6 31	14 16	14 12	16 13		n.a.
W14	15 36	19 37	4 13	21 29	2 9	25 40	2 9	19 45	2 12	20 20	0 7	21 33	0 53	14 25	0 15	23 36	0 2	10 23	6 31	14 16	14 11	16 12		n.a.
T 15	15 55	18 9	4 53	21 53	2 11	25 45	2 10	19 39	2 14	20 23	0 6	21 32	0 53	14 26	0 15	23 36	0 2	10 23	6 31	14 16	14 10	16 10		n.a.
F 16	16 13	15 33	5 14	22 15	2 11	25 50	2 10	19 33	2 15	20 26	0 6	21 32	0 53	14 27	0 15	23 36	0 2	10 24	6 31	14 16	14 9	16 9		n.a.
S 17	16 32	12 3	5 15	22 36	2 11	25 54	2 10	19 27	2 16	20 29	0 6	21 31	0 53	14 28	0 15	23 36	0 2	10 25	6 31	14 16	14 8	16 7		n.a.
S 18	16 50	7 53	4 58	22 56	2 11	25 57	2 11	19 21	2 18	20 32	0 6	21 30	0 53	14 29	0 15	23 36	0 2	10 26	6 31	14 16	14 7	16 6		n.a.
M19	17 8	3 21	4 24	23 13	2 10	25 59	2 11	19 15	2 19	20 35	0 6	21 30	0 53	14 30	0 15	23 36	0 2	10 26	6 31	14 16	14 6	16 4		n.a.
T 20	17 26	1n18	3 34	23 29	2 8	26 0	2 11	19 9	2 21	20 38	0 6	21 29	0 52	14 32	0 15	23 36	0 2	10 27	6 30	14 16	14 5	16 3		n.a.
W21	17 43	5 50	2 34	23 43	2 6	26 1	2 11	19 3	2 22	20 41	0 6	21 29	0 52	14 33	0 15	23 36	0 2	10 28	6 30	14 17	14 4	16 2		n.a.
T 22	18 0	10 2	1 25	23 56	2 3	26 1	2 11	18 57	2 24	20 44	0 6	21 28	0 52	14 34	0 15	23 36	0 2	10 28	6 30	14 17	14 3	16 0		n.a.
F 23	18 16	13 40	0 14	24 6	1 59	26 0	2 10	18 52	2 25	20 47	0 6	21 27	0 52	14 35	0 15	23 36	0 2	10 29	6 30	14 17	14 2	15 59		n.a.
S 24	18 33	16 35	0s57	24 14	1 55	25 58	2 10	18 46	2 26	20 50	0 5	21 27	0 52	14 36	0 15	23 36	0 2	10 30	6 30	14 17	14 1	15 57		n.a.
S 25	18 49	18 37	2 4	24 20	1 49	25 56	2 10	18 40	2 28	20 53	0 5	21 26	0 52	14 38	0 15	23 36	0 2	10 31	6 30	14 17	14 0	15 56		n.a.
M26	19 4	19 43	3 4	24 24	1 43	25 53	2 9	18 34	2 29	20 56	0 5	21 26	0 52	14 39	0 15	23 36	0 2	10 31	6 30	14 16	13 59	15 54		n.a.
T 27	19 19	19 51	3 55	24 26	1 35	25 49	2 9	18 29	2 31	20 59	0 5	21 25	0 52	14 40	0 15	23 36	0 2	10 32	6 30	14 15	13 57	15 53		n.a.
W28	19 34	19 4	4 33	24 26	1 27	25 44	2 8	18 23	2 33	21 1	0 5	21 24	0 52	14 41	0 15	23 37	0 2	10 33	6 30	14 14	13 56	15 51		n.a.
T 29	19 49	17 26	5 0	24 23	1 17	25 38	2 7	18 18	2 34	21 4	0 5	21 24	0 52	14 42	0 15	23 37	0 2	10 33	6 30	14 13	13 55	15 50		n.a.
F 30	20s 3	15n 4	5s13	24s19	1s 6	25s32	2s 6	18n13	2n36	21s 7	0n 5	21n23	0s52	14s43	0n15	23n37	0s 2	10s34	6n30	14s12	13s54	15n48		n.a.

Julian Day Number = 1280505.5, Delta T = 08h08m36s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'14, Lahiri = -20°37'13 Julian Calendar 1 Nov. 1208 BCE == Greg. Calendar 21 Oct. 1208 BCE

The year -1207 astronomical counting style corresponds to year 1208 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1208 BCE
geocentric

DECEMBER 1208 BCE (-1207) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 54 43	29♏ 3'27	13♌22	18♐ 4	11♋16	18♌10	3♐42	9°R23	9♏45	7°R 4	15♏38	7°R21	6♏26	28♋38	n.a.	S 1
S 2	3 58 40	0♐ 4'43	25°16	18°48	12°26	18°31	3°56	9♊18	9°48	7♋ 2	15°40	7°D20	6°23	28°45	n.a.	S 2
M 3	4 2 36	1° 5'58	7♍19	19°23	13°37	18°52	4°10	9°13	9°52	7° 1	15°42	7♏20	6°20	28°52	n.a.	M 3
T 4	4 6 33	2° 7'14	19°34	19°49	14°47	19°12	4°25	9° 8	9°55	7° 0	15°44	7°21	6°17	28°59	n.a.	T 4
W 5	4 10 29	3° 8'29	2♎ 6	20° 5	15°58	19°32	4°39	9° 3	9°59	6°59	15°46	7°23	6°13	29° 5	n.a.	W 5
T 6	4 14 26	4° 9'44	15° 0	20°R10	17° 8	19°52	4°53	8°58	10° 2	6°57	15°49	7°25	6°10	29°12	n.a.	T 6
F 7	4 18 22	5°10'59	28°17	20° 3	18°18	20°11	5° 7	8°53	10° 5	6°56	15°51	7°26	6° 7	29°19	n.a.	F 7
S 8	4 22 19	6°12'13	12♏ 0	19°45	19°28	20°30	5°21	8°49	10° 9	6°54	15°53	7°R26	6° 4	29°26	n.a.	S 8
S 9	4 26 16	7°13'26	26° 7	19°15	20°38	20°48	5°35	8°44	10°12	6°53	15°55	7°25	6° 1	29°32	n.a.	S 9
M10	4 30 12	8°14'39	10♐35	18°34	21°48	21° 6	5°49	8°39	10°16	6°52	15°57	7°22	5°58	29°39	n.a.	M10
T 11	4 34 9	9°15'51	25°18	17°43	22°57	21°24	6° 3	8°34	10°19	6°50	15°59	7°18	5°54	29°46	n.a.	T 11
W12	4 38 5	10°17'02	10♑ 8	16°42	24° 7	21°41	6°17	8°29	10°22	6°49	16° 1	7°13	5°51	29°52	n.a.	W12
T 13	4 42 2	11°18'13	24°57	15°34	25°16	21°58	6°31	8°24	10°25	6°47	16° 3	7° 8	5°48	29°59	n.a.	T 13
F 14	4 45 58	12°19'22	9♒38	14°21	26°25	22°14	6°45	8°19	10°29	6°46	16° 5	7° 3	5°45	0♌ 6	n.a.	F 14
S 15	4 49 55	13°20'29	24° 5	13° 5	27°34	22°29	6°59	8°14	10°32	6°44	16° 7	7° 0	5°42	0°13	n.a.	S 15
S 16	4 53 52	14°21'36	8♓14	11°48	28°43	22°45	7°14	8° 9	10°35	6°43	16° 9	6°D59	5°38	0°19	n.a.	S 16
M17	4 57 48	15°22'41	22° 3	10°33	29°51	23° 0	7°28	8° 4	10°38	6°41	16°11	6°59	5°35	0°26	n.a.	M17
T 18	5 1 45	16°23'44	5♈34	9°21	1♒ 0	23°14	7°42	7°59	10°41	6°40	16°13	7° 0	5°32	0°33	n.a.	T 18
W19	5 5 41	17°24'47	18°48	8°15	2° 8	23°28	7°56	7°54	10°45	6°38	16°15	7° 1	5°29	0°39	n.a.	W19
T 20	5 9 38	18°25'48	1♉47	7°16	3°16	23°41	8°10	7°49	10°48	6°37	16°17	7°R 2	5°26	0°46	n.a.	T 20
F 21	5 13 34	19°26'47	14°32	6°25	4°24	23°54	8°24	7°44	10°51	6°35	16°19	7° 2	5°23	0°53	n.a.	F 21
S 22	5 17 31	20°27'46	27° 7	5°42	5°31	24° 6	8°38	7°40	10°54	6°33	16°21	7° 0	5°19	1° 0	n.a.	S 22
S 23	5 21 27	21°28'43	9♊31	5° 8	6°38	24°18	8°52	7°35	10°57	6°32	16°23	6°56	5°16	1° 6	n.a.	S 23
M24	5 25 24	22°29'38	21°47	4°42	7°46	24°29	9° 5	7°30	11° 0	6°30	16°25	6°49	5°13	1°13	n.a.	M24
T 25	5 29 21	23°30'33	3♋54	4°25	8°53	24°40	9°19	7°25	11° 3	6°29	16°27	6°41	5°10	1°20	n.a.	T 25
W26	5 33 17	24°31'26	15°56	4°17	9°59	24°50	9°33	7°21	11° 6	6°27	16°29	6°31	5° 7	1°27	n.a.	W26
T 27	5 37 14	25°32'18	27°52	4°D16	11° 6	24°59	9°47	7°16	11° 9	6°25	16°30	6°22	5° 4	1°33	n.a.	T 27
F 28	5 41 10	26°33'08	9♌44	4°22	12°12	25° 8	10° 1	7°12	11°11	6°24	16°32	6°12	5° 0	1°40	n.a.	F 28
S 29	5 45 7	27°33'58	21°35	4°36	13°18	25°17	10°15	7° 7	11°14	6°22	16°34	6° 5	4°57	1°47	n.a.	S 29
S 30	5 49 3	28°34'46	3♍29	4°56	14°24	25°24	10°28	7° 3	11°17	6°20	16°36	5°59	4°54	1°53	n.a.	S 30
M31	5 53 0	29♐35'32	15♍29	5♐21	15♒29	25♌31	10♐42	6♊58	11♏20	6♋19	16♏38	5♏56	4♏51	2♌ 0	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s17	12n 5	5s13	24s12	0s54	25s25	2s 5	18n 7	2n37	21s10	0n 5	21n22	0s52	14s44	0n15	23n37	0s 2	10s35	6n30	14s12	13s53	15n47		n.a.
S 2	20 30	8 37	5 0	24 2	0 41	25 18	2 4	18 2	2 39	21 13	0 5	21 22	0 52	14 46	0 15	23 37	0 2	10 35	6 30	14 11	13 52	15 45		n.a.
M 3	20 43	4 45	4 33	23 51	0 27	25 9	2 2	17 57	2 40	21 16	0 4	21 21	0 51	14 47	0 15	23 37	0 2	10 36	6 30	14 11	13 51	15 44		n.a.
T 4	20 56	0 38	3 53	23 37	0 11	25 0	2 1	17 52	2 42	21 18	0 4	21 20	0 51	14 48	0 15	23 37	0 2	10 37	6 30	14 12	13 50	15 43		n.a.
W 5	21 8	3s38	3 2	23 22	0n 5	24 50	1 59	17 47	2 44	21 21	0 4	21 20	0 51	14 49	0 15	23 37	0 2	10 37	6 30	14 12	13 49	15 41		n.a.
T 6	21 20	7 51	2 0	23 5	0 23	24 40	1 58	17 42	2 45	21 24	0 4	21 19	0 51	14 50	0 15	23 37	0 2	10 38	6 30	14 13	13 48	15 40		n.a.
F 7	21 31	11 49	0 50	22 46	0 42	24 29	1 56	17 38	2 47	21 26	0 4	21 18	0 51	14 51	0 15	23 37	0 2	10 39	6 29	14 13	13 47	15 38		n.a.
S 8	21 42	15 17	0n25	22 25	1 1	24 17	1 54	17 33	2 49	21 29	0 4	21 18	0 51	14 52	0 15	23 37	0 2	10 39	6 29	14 13	13 46	15 37		n.a.
S 9	21 53	17 58	1 41	22 4	1 20	24 4	1 52	17 29	2 50	21 32	0 4	21 17	0 51	14 53	0 15	23 37	0 2	10 40	6 29	14 13	13 45	15 35		n.a.
M10	22 3	19 35	2 51	21 41	1 40	23 51	1 50	17 25	2 52	21 34	0 4	21 16	0 51	14 54	0 15	23 38	0 2	10 40	6 29	14 12	13 44	15 34		n.a.
T 11	22 12	19 53	3 52	21 17	1 59	23 37	1 48	17 20	2 54	21 37	0 4	21 16	0 51	14 55	0 15	23 38	0 2	10 41	6 29	14 11	13 43	15 32		n.a.
W12	22 22	18 50	4 38	20 53	2 17	23 23	1 46	17 16	2 55	21 40	0 3	21 15	0 51	14 56	0 15	23 38	0 2	10 42	6 29	14 9	13 41	15 31		n.a.
T 13	22 30	16 30	5 4	20 30	2 34	23 8	1 43	17 12	2 57	21 42	0 3	21 14	0 50	14 57	0 15	23 38	0 2	10 42	6 29	14 7	13 40	15 29		n.a.
F 14	22 39	13 8	5 11	20 6	2 49	22 52	1 41	17 9	2 59	21 45	0 3	21 14	0 50	14 59	0 15	23 38	0 2	10 43	6 29	14 6	13 39	15 28		n.a.
S 15	22 47	9 2	4 58	19 44	3 2	22 36	1 38	17 5	3 1	21 47	0 3	21 13	0 50	15 0	0 15	23 38	0 2	10 43	6 29	14 5	13 38	15 26		n.a.
S 16	22 54	4 31	4 27	19 23	3 13	22 19	1 35	17 2	3 3	21 50	0 3	21 12	0 50	15 1	0 15	23 38	0 2	10 44	6 29	14 4	13 37	15 25		n.a.
M17	23 1	0n10	3 40	19 4	3 22	22 1	1 32	16 58	3 4	21 52	0 3	21 12	0 50	15 2	0 15	23 38	0 2	10 44	6 29	14 4	13 36	15 23		n.a.
T 18	23 8	4 44	2 43	18 47	3 29	21 43	1 29	16 55	3 6	21 55	0 3	21 11	0 50	15 3	0 15	23 38	0 2	10 45	6 29	14 4	13 35	15 22		n.a.
W19	23 14	8 59	1 38	18 33	3 32	21 25	1 26	16 52	3 8	21 57	0 3	21 10	0 50	15 4	0 15	23 38	0 2	10 46	6 29	14 5	13 34	15 20		n.a.
T 20	23 19	12 44	0 29	18 22	3 34	21 6	1 23	16 50	3 10	21 59	0 3	21 10	0 50	15 5	0 15	23 38	0 2	10 46	6 29	14 5	13 33	15 19		n.a.
F 21	23 24	15 49	0s41	18 14	3 34	20 46	1 20	16 47	3 12	22 2	0 2	21 9	0 49	15 6	0 15	23 39	0 2	10 47	6 29	14 5	13 32	15 17		n.a.
S 22	23 29	18 7	1 47	18 8	3 32	20 26	1 16	16 45	3 14	22 4	0 2	21 8	0 49	15 7	0 15	23 39	0 2	10 47	6 29	14 5	13 31	15 16		n.a.
S 23	23 33	19 30	2 46	18 6	3 28	20 5	1 13	16 42	3 16	22 6	0 2	21 8	0 49	15 7	0 15	23 39	0 2	10 48	6 29	14 3	13 30	15 14		n.a.
M24	23 37	19 57	3 38	18 7	3 22	19 44	1 9	16 40	3 17	22 9	0 2	21 7	0 49	15 8	0 15	23 39	0 2	10 48	6 29	14 1	13 29	15 13		n.a.
T 25	23 40	19 28	4 18	18 10	3 16	19 23	1 5	16 38	3 19	22 11	0 2	21 6	0 49	15 9	0 15	23 39	0 2	10 49	6 29	13 58	13 28	15 11		n.a.
W26	23 43	18 7	4 47	18 16	3 8	19 1	1 1	16 37	3 21	22 13	0 2	21 6	0 49	15 10	0 15	23 39	0 2	10 49	6 30	13 55	13 26	15 10		n.a.
T 27	23 46	15 59	5 3	18 24	3 0	18 39	0 57	16 35	3 23	22 15	0 2	21 5	0 49	15 11	0 15	23 39	0 2	10 50	6 30	13 52	13 25	15 8		n.a.
F 28	23 47	13 12	5 6	18 34	2 51	18 16	0 53	16 34	3 25	22 18	0 2	21 4	0 48	15 12	0 15	23 39	0 2	10 50	6 30	13 49	13 24	15 7		n.a.
S 29	23 49	9 53	4 55	18 46	2 41	17 53	0 49	16 33	3 27	22 20	0 2	21 4	0 48	15 13	0 15	23 39	0 2	10 51	6 30	13 46	13 23	15 5		n.a.
S 30	23 50	6 10	4 32	18 59	2 32	17 29	0 44	16 32	3 29	22 22	0 1	21 3	0 48	15 14	0 15	23 39	0 1	10 51	6 30	13 44	13 22	15 4		n.a.
M31	23s50	2n11	3s57	19s14	2n22	17s 5	0s40	16n31	3n31	22s24	0n 1	21n 3	0s48	15s15	0n15	23n39	0s 1	10s52	6n30	13s43	13s21	15n 2		n.a.

Julian Day Number = 1280535.5, Delta T = 08h08m34s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'10, Lahiri = -20°37'09 Julian Calendar 1 Dec. 1208 BCE == Greg. Calendar 20 Nov. 1208 BCE

The year -1207 astronomical counting style corresponds to year 1208 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1207 BCE
geocentric

JANUARY 1207 BCE (-1206) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 56 57	0♉36'18	27♍40	5♐52	16♒34	25♌38	10♐56	6°R54	11♏22	6°R17	16♏39	5°D54	4♏48	2♌ 7	n.a.	T 1
W 2	6 0 53	1°37'02	10♎ 7	6°29	17°39	25°43	11°10	6♊50	11°25	6♋15	16°41	5♏55	4°44	2°14	n.a.	W 2
T 3	6 4 50	2°37'45	22°54	7° 9	18°44	25°49	11°23	6°45	11°28	6°14	16°43	5°55	4°41	2°20	n.a.	T 3
F 4	6 8 46	3°38'27	6♏ 7	7°54	19°48	25°53	11°37	6°41	11°30	6°12	16°44	5°R56	4°38	2°27	n.a.	F 4
S 5	6 12 43	4°39'07	19°47	8°42	20°52	25°57	11°50	6°37	11°33	6°10	16°46	5°55	4°35	2°34	n.a.	S 5
S 6	6 16 39	5°39'46	3♐57	9°34	21°55	26° 0	12° 4	6°33	11°35	6° 9	16°48	5°52	4°32	2°41	n.a.	S 6
M 7	6 20 36	6°40'24	18°34	10°30	22°59	26° 2	12°17	6°29	11°38	6° 7	16°49	5°46	4°29	2°47	n.a.	M 7
T 8	6 24 32	7°41'00	3♑32	11°28	24° 2	26° 4	12°31	6°25	11°40	6° 5	16°51	5°38	4°25	2°54	n.a.	T 8
W 9	6 28 29	8°41'34	18°43	12°29	25° 4	26° 4	12°44	6°22	11°43	6° 3	16°52	5°29	4°22	3° 1	n.a.	W 9
T 10	6 32 26	9°42'07	3♒57	13°32	26° 7	26°R 4	12°58	6°18	11°45	6° 2	16°54	5°19	4°19	3° 7	n.a.	T 10
F 11	6 36 22	10°42'37	19° 2	14°38	27° 9	26° 4	13°11	6°14	11°47	6° 0	16°55	5° 9	4°16	3°14	n.a.	F 11
S 12	6 40 19	11°43'05	3♓49	15°46	28°10	26° 2	13°24	6°11	11°50	5°58	16°57	5° 2	4°13	3°21	n.a.	S 12
S 13	6 44 15	12°43'32	18°12	16°56	29°11	26° 0	13°38	6° 7	11°52	5°57	16°58	4°57	4°10	3°28	n.a.	S 13
M14	6 48 12	13°43'56	2♈ 9	18° 8	0♓12	25°57	13°51	6° 4	11°54	5°55	17° 0	4°55	4° 6	3°34	n.a.	M14
T 15	6 52 8	14°44'18	15°41	19°22	1°12	25°54	14° 4	6° 0	11°56	5°53	17° 1	4°D54	4° 3	3°41	n.a.	T 15
W16	6 56 5	15°44'38	28°49	20°37	2°12	25°49	14°17	5°57	11°58	5°52	17° 2	4°R55	4° 0	3°48	n.a.	W16
T 17	7 0 1	16°44'55	11♉37	21°54	3°11	25°44	14°30	5°54	12° 0	5°50	17° 4	4°55	3°57	3°55	n.a.	T 17
F 18	7 3 58	17°45'11	24°10	23°13	4°10	25°38	14°43	5°51	12° 2	5°48	17° 5	4°53	3°54	4° 1	n.a.	F 18
S 19	7 7 55	18°45'24	6♊30	24°33	5° 8	25°31	14°56	5°48	12° 4	5°47	17° 6	4°49	3°50	4° 8	n.a.	S 19
S 20	7 11 51	19°45'35	18°40	25°54	6° 6	25°24	15° 9	5°45	12° 6	5°45	17° 8	4°42	3°47	4°15	n.a.	S 20
M21	7 15 48	20°45'44	0♋44	27°17	7° 4	25°15	15°21	5°42	12° 8	5°44	17° 9	4°32	3°44	4°21	n.a.	M21
T 22	7 19 44	21°45'51	12°43	28°41	8° 0	25° 6	15°34	5°40	12°10	5°42	17°10	4°20	3°41	4°28	n.a.	T 22
W23	7 23 41	22°45'56	24°39	0♉ 6	8°57	24°56	15°47	5°37	12°12	5°40	17°11	4° 6	3°38	4°35	n.a.	W23
T 24	7 27 37	23°45'59	6♌32	1°33	9°52	24°46	16° 0	5°35	12°14	5°39	17°12	3°51	3°35	4°42	n.a.	T 24
F 25	7 31 34	24°46'00	18°25	3° 1	10°47	24°34	16°12	5°32	12°15	5°37	17°14	3°37	3°31	4°48	n.a.	F 25
S 26	7 35 30	25°45'59	0♍18	4°30	11°41	24°22	16°25	5°30	12°17	5°36	17°15	3°25	3°28	4°55	n.a.	S 26
S 27	7 39 27	26°45'56	12°13	6° 0	12°35	24° 9	16°37	5°28	12°19	5°34	17°16	3°16	3°25	5° 2	n.a.	S 27
M28	7 43 23	27°45'51	24°15	7°32	13°28	23°56	16°49	5°26	12°20	5°33	17°17	3° 9	3°22	5° 9	n.a.	M28
T 29	7 47 20	28°45'44	6♎26	9° 4	14°21	23°41	17° 2	5°24	12°22	5°31	17°18	3° 5	3°19	5°15	n.a.	T 29
W30	7 51 17	29°45'35	18°50	10°38	15°12	23°26	17°14	5°22	12°23	5°30	17°19	3° 4	3°15	5°22	n.a.	W30
T 31	7 55 13	0♒45'25	1♏33	12♑13	16♓ 3	23♌11	17♐26	5♊20	12♏24	5♋28	17♏20	3♏ 4	3♏12	5♌29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s50	1 s58	3 s10	19 s29	2n11	16 s41	0 s35	16n31	3n33	22 s26	0n 1	21n 2	0 s48	15 s16	0n15	23n40	0 s 1	10 s52	6n30	13 s43	13 s20	15n 0			n.a.
W 2	23 50	6 7	2 14	19 46	2 1	16 17	0 30	16 31	3 35	22 28	0 1	21 1	0 48	15 16	0 15	23 40	0 1	10 52	6 30	13 43	13 19	14 59			n.a.
T 3	23 49	10 7	1 9	20 3	1 50	15 52	0 25	16 31	3 37	22 30	0 1	21 1	0 48	15 17	0 15	23 40	0 1	10 53	6 30	13 43	13 18	14 57			n.a.
F 4	23 47	13 46	0n 1	20 21	1 40	15 27	0 21	16 31	3 39	22 32	0 1	21 0	0 47	15 18	0 15	23 40	0 1	10 53	6 30	13 43	13 17	14 56			n.a.
S 5	23 45	16 48	1 13	20 39	1 29	15 1	0 15	16 32	3 41	22 34	0 1	21 0	0 47	15 19	0 15	23 40	0 1	10 54	6 30	13 43	13 16	14 54			n.a.
S 6	23 43	18 56	2 24	20 57	1 19	14 36	0 10	16 33	3 43	22 36	0 1	20 59	0 47	15 20	0 15	23 40	0 1	10 54	6 30	13 42	13 15	14 53			n.a.
M 7	23 40	19 54	3 27	21 15	1 9	14 10	0 5	16 34	3 45	22 38	0 1	20 59	0 47	15 20	0 15	23 40	0 1	10 54	6 30	13 40	13 13	14 51			n.a.
T 8	23 37	19 30	4 17	21 34	0 59	13 43	0n 0	16 35	3 47	22 40	0 0	20 58	0 47	15 21	0 15	23 40	0 1	10 55	6 30	13 37	13 12	14 50			n.a.
W 9	23 33	17 43	4 50	21 52	0 49	13 17	0 6	16 37	3 49	22 42	0 0	20 58	0 47	15 22	0 15	23 40	0 1	10 55	6 30	13 34	13 11	14 48			n.a.
T 10	23 28	14 41	5 3	22 10	0 39	12 51	0 12	16 38	3 51	22 44	0 0	20 57	0 47	15 23	0 15	23 40	0 1	10 56	6 30	13 31	13 10	14 47			n.a.
F 11	23 24	10 42	4 54	22 27	0 29	12 24	0 17	16 40	3 53	22 45	0 0	20 57	0 46	15 23	0 15	23 40	0 1	10 56	6 30	13 27	13 9	14 45			n.a.
S 12	23 19	6 9	4 26	22 44	0 20	11 57	0 23	16 43	3 55	22 47	0 s 0	20 56	0 46	15 24	0 15	23 41	0 1	10 56	6 30	13 25	13 8	14 44			n.a.
S 13	23 13	1 21	3 42	23 0	0 11	11 30	0 29	16 45	3 56	22 49	0 0	20 56	0 46	15 25	0 15	23 41	0 1	10 57	6 30	13 23	13 7	14 42			n.a.
M14	23 7	3n23	2 45	23 16	0 2	11 2	0 35	16 48	3 58	22 51	0 0	20 55	0 46	15 25	0 15	23 41	0 1	10 57	6 31	13 22	13 6	14 40			n.a.
T 15	23 0	7 49	1 40	23 31	0 s 7	10 35	0 41	16 51	4 0	22 52	0 0	20 55	0 46	15 26	0 15	23 41	0 1	10 57	6 31	13 22	13 5	14 39			n.a.
W16	22 53	11 44	0 32	23 46	0 16	10 8	0 47	16 54	4 2	22 54	0 0	20 55	0 46	15 27	0 15	23 41	0 1	10 58	6 31	13 22	13 4	14 37			n.a.
T 17	22 46	15 0	0 s36	23 59	0 24	9 40	0 54	16 58	4 4	22 56	0 1	20 54	0 45	15 27	0 15	23 41	0 1	10 58	6 31	13 22	13 3	14 36			n.a.
F 18	22 38	17 30	1 40	24 11	0 32	9 13	1 0	17 2	4 6	22 57	0 1	20 54	0 45	15 28	0 15	23 41	0 1	10 58	6 31	13 22	13 1	14 34			n.a.
S 19	22 30	19 8	2 39	24 23	0 40	8 45	1 7	17 6	4 7	22 59	0 1	20 53	0 45	15 29	0 15	23 41	0 1	10 58	6 31	13 20	13 0	14 33			n.a.
S 20	22 21	19 52	3 30	24 33	0 47	8 17	1 13	17 10	4 9	23 0	0 1	20 53	0 45	15 29	0 15	23 41	0 1	10 59	6 31	13 18	12 59	14 31			n.a.
M21	22 12	19 40	4 10	24 43	0 54	7 50	1 20	17 14	4 11	23 2	0 1	20 53	0 45	15 30	0 15	23 41	0 1	10 59	6 31	13 15	12 58	14 30			n.a.
T 22	22 3	18 35	4 39	24 51	1 1	7 22	1 27	17 19	4 13	23 4	0 1	20 52	0 45	15 30	0 15	23 41	0 1	10 59	6 31	13 10	12 57	14 28			n.a.
W23	21 53	16 42	4 56	24 58	1 8	6 54	1 34	17 24	4 14	23 5	0 1	20 52	0 44	15 31	0 15	23 42	0 1	10 59	6 31	13 6	12 56	14 26			n.a.
T 24	21 42	14 7	4 59	25 4	1 14	6 27	1 41	17 29	4 16	23 7	0 1	20 52	0 44	15 31	0 15	23 42	0 1	11 0	6 31	13 1	12 55	14 25			n.a.
F 25	21 32	10 58	4 50	25 8	1 20	5 59	1 48	17 35	4 17	23 8	0 2	20 52	0 44	15 32	0 15	23 42	0 1	11 0	6 31	12 56	12 54	14 23			n.a.
S 26	21 21	7 23	4 28	25 11	1 26	5 32	1 55	17 40	4 19	23 9	0 2	20 51	0 44	15 32	0 15	23 42	0 1	11 0	6 32	12 52	12 53	14 22			n.a.
S 27	21 9	3 29	3 54	25 13	1 31	5 4	2 2	17 46	4 20	23 11	0 2	20 51	0 44	15 33	0 15	23 42	0 1	11 0	6 32	12 48	12 52	14 20			n.a.
M28	20 57	0 s34	3 10	25 13	1 36	4 37	2 10	17 52	4 21	23 12	0 2	20 51	0 44	15 33	0 15	23 42	0 1	11 1	6 32	12 46	12 50	14 18			n.a.
T 29	20 45	4 40	2 16	25 11	1 41	4 10	2 17	17 58	4 23	23 13	0 2	20 51	0 43	15 34	0 15	23 42	0 1	11 1	6 32	12 45	12 49	14 17			n.a.
W30	20 32	8 39	1 14	25 9	1 45	3 43	2 24	18 4	4 24	23 15	0 2	20 51	0 43	15 34	0 15	23 42	0 1	11 1	6 32	12 44	12 48	14 15			n.a.
T 31	20 s19	12 s20	0 s 8	25 s 4	1 s49	3 s16	2n32	18n11	4n25	23 s16	0 s 2	20n50	0 s43	15 s35	0n15	23n42	0 s 1	11 s 1	6n32	12 s44	12 s47	14n14			n.a.

Julian Day Number = 1280566.5, Delta T = 08h08m33s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'06, Lahiri = -20°37'05 Julian Calendar 1 Jan. 1207 BCE == Greg. Calendar 21 Dec. 1208 BCE

The year -1206 astronomical counting style corresponds to year 1207 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1207 BCE
geocentric

FEBRUARY 1207 BCE (-1206) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 59 10	1♒45'12	14♏38	13♉49	16♓53	22°R54	17♐38	5°R18	12♏26	5°R27	17♏21	3°R 4	3♏ 9	5♌35	n.a.	F 1
S 2	8 3 6	2°44'58	28°10	15°26	17°42	22♌37	17°50	5♊17	12°27	5♋25	17°21	3♏ 2	3° 6	5°42	n.a.	S 2
S 3	8 7 3	3°44'42	12♐11	17° 5	18°31	22°19	18° 2	5°15	12°28	5°24	17°22	2°59	3° 3	5°49	n.a.	S 3
M 4	8 10 59	4°44'24	26°41	18°45	19°18	22° 1	18°14	5°14	12°29	5°22	17°23	2°52	3° 0	5°56	n.a.	M 4
T 5	8 14 56	5°44'05	11♑37	20°26	20° 5	21°42	18°25	5°13	12°31	5°21	17°24	2°43	2°56	6° 2	n.a.	T 5
W 6	8 18 52	6°43'43	26°51	22° 8	20°51	21°23	18°37	5°12	12°32	5°19	17°25	2°33	2°53	6° 9	n.a.	W 6
T 7	8 22 49	7°43'19	12♒12	23°51	21°36	21° 3	18°49	5°11	12°33	5°18	17°25	2°21	2°50	6°16	n.a.	T 7
F 8	8 26 46	8°42'52	27°29	25°36	22°19	20°42	19° 0	5°10	12°34	5°17	17°26	2°11	2°47	6°22	n.a.	F 8
S 9	8 30 42	9°42'24	12♓30	27°21	23° 2	20°21	19°11	5° 9	12°35	5°15	17°27	2° 2	2°44	6°29	n.a.	S 9
S 10	8 34 39	10°41'53	27° 8	29° 8	23°44	20° 0	19°23	5° 8	12°36	5°14	17°27	1°56	2°41	6°36	n.a.	S 10
M11	8 38 35	11°41'19	11♈18	0♒57	24°24	19°38	19°34	5° 8	12°36	5°13	17°28	1°52	2°37	6°43	n.a.	M11
T 12	8 42 32	12°40'43	24°58	2°46	25° 4	19°16	19°45	5° 7	12°37	5°11	17°29	1°51	2°34	6°49	n.a.	T 12
W13	8 46 28	13°40'05	8♉11	4°37	25°42	18°54	19°56	5° 7	12°38	5°10	17°29	1°51	2°31	6°56	n.a.	W13
T 14	8 50 25	14°39'24	21° 0	6°29	26°19	18°31	20° 7	5° 7	12°39	5° 9	17°30	1°51	2°28	7° 3	n.a.	T 14
F 15	8 54 21	15°38'41	3♊30	8°23	26°54	18° 8	20°18	5° 6	12°39	5° 8	17°30	1°49	2°25	7°10	n.a.	F 15
S 16	8 58 18	16°37'55	15°45	10°17	27°28	17°46	20°29	5°D 6	12°40	5° 7	17°30	1°46	2°21	7°16	n.a.	S 16
S 17	9 2 14	17°37'07	27°49	12°13	28° 1	17°23	20°39	5° 7	12°40	5° 5	17°31	1°40	2°18	7°23	n.a.	S 17
M18	9 6 11	18°36'17	9♋46	14°10	28°32	16°59	20°50	5° 7	12°41	5° 4	17°31	1°31	2°15	7°30	n.a.	M18
T 19	9 10 8	19°35'24	21°40	16° 9	29° 2	16°36	21° 0	5° 7	12°41	5° 3	17°32	1°20	2°12	7°36	n.a.	T 19
W20	9 14 4	20°34'29	3♌32	18° 8	29°30	16°13	21°11	5° 8	12°42	5° 2	17°32	1° 7	2° 9	7°43	n.a.	W20
T 21	9 18 1	21°33'31	15°24	20° 9	29°56	15°50	21°21	5° 8	12°42	5° 1	17°32	0°54	2° 6	7°50	n.a.	T 21
F 22	9 21 57	22°32'31	27°19	22°11	0♈21	15°27	21°31	5° 9	12°42	5° 0	17°32	0°41	2° 2	7°57	n.a.	F 22
S 23	9 25 54	23°31'29	9♍17	24°13	0°44	15° 4	21°41	5° 9	12°42	4°59	17°33	0°30	1°59	8° 3	n.a.	S 23
S 24	9 29 50	24°30'25	21°19	26°16	1° 5	14°42	21°51	5°10	12°43	4°58	17°33	0°21	1°56	8°10	n.a.	S 24
M25	9 33 47	25°29'19	3♎28	28°20	1°24	14°20	22° 1	5°11	12°43	4°57	17°33	0°16	1°53	8°17	n.a.	M25
T 26	9 37 43	26°28'11	15°46	0♓25	1°41	13°57	22°10	5°12	12°43	4°56	17°33	0°12	1°50	8°24	n.a.	T 26
W27	9 41 40	27°27'01	28°15	2°29	1°57	13°36	22°20	5°14	12°R43	4°55	17°33	0°D11	1°47	8°30	n.a.	W27
T 28	9 45 36	28♒25'49	11♏ 0	4♓34	2♈10	13♌14	22♐29	5♊15	12♏43	4♋54	17♏33	0♏12	1♏43	8♌37	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	20s 6	15s32	1n 1	24s58	1s52	2s49	2n40	18n17	4n26	23s17	0s 2	20n50	0s43	15s35	0n15	23n42	0s 1	11s 1	6n32	12s44	12s46	14n12		n.a.	F 1
S 2	19 52	18 0	2 8	24 50	1 55	2 22	2 47	18 24	4 27	23 19	0 2	20 50	0 43	15 36	0 15	23 42	0 1	11 1	6 32	12 44	12 45	14 11		n.a.	S 2
S 3	19 38	19 29	3 11	24 41	1 58	1 56	2 55	18 31	4 28	23 20	0 3	20 50	0 42	15 36	0 15	23 42	0 1	11 1	6 32	12 42	12 44	14 9		n.a.	S 3
M 4	19 24	19 45	4 3	24 29	2 0	1 30	3 3	18 38	4 29	23 21	0 3	20 50	0 42	15 36	0 15	23 42	0 1	11 2	6 32	12 40	12 43	14 7		n.a.	M 4
T 5	19 9	18 40	4 40	24 16	2 2	1 4	3 11	18 45	4 30	23 22	0 3	20 50	0 42	15 37	0 15	23 43	0 1	11 2	6 33	12 37	12 42	14 6		n.a.	T 5
W 6	18 54	16 15	4 59	24 1	2 4	0 39	3 19	18 52	4 30	23 23	0 3	20 50	0 42	15 37	0 15	23 43	0 1	11 2	6 33	12 33	12 41	14 4		n.a.	W 6
T 7	18 38	12 41	4 56	23 44	2 5	0 14	3 27	18 59	4 31	23 24	0 3	20 50	0 42	15 37	0 15	23 43	0 1	11 2	6 33	12 29	12 39	14 3		n.a.	T 7
F 8	18 23	8 18	4 32	23 26	2 6	0n11	3 35	19 6	4 31	23 26	0 3	20 50	0 42	15 38	0 15	23 43	0 1	11 2	6 33	12 26	12 38	14 1		n.a.	F 8
S 9	18 7	3 27	3 49	23 5	2 6	0 36	3 43	19 13	4 32	23 27	0 3	20 50	0 41	15 38	0 15	23 43	0 1	11 2	6 33	12 23	12 37	13 59		n.a.	S 9
S 10	17 50	1n28	2 52	22 43	2 5	1 0	3 51	19 21	4 32	23 28	0 3	20 50	0 41	15 38	0 15	23 43	0 1	11 2	6 33	12 20	12 36	13 58		n.a.	S 10
M11	17 34	6 10	1 46	22 18	2 5	1 24	3 59	19 28	4 32	23 29	0 4	20 50	0 41	15 38	0 15	23 43	0 1	11 2	6 33	12 19	12 35	13 56		n.a.	M11
T 12	17 17	10 23	0 36	21 52	2 3	1 47	4 8	19 35	4 32	23 30	0 4	20 50	0 41	15 39	0 15	23 43	0 1	11 2	6 33	12 19	12 34	13 55		n.a.	T 12
W13	17 0	13 56	0s34	21 23	2 2	2 10	4 16	19 42	4 32	23 31	0 4	20 50	0 41	15 39	0 15	23 43	0 1	11 2	6 33	12 19	12 33	13 53		n.a.	W13
T 14	16 42	16 42	1 40	20 53	1 59	2 32	4 24	19 49	4 32	23 32	0 4	20 50	0 41	15 39	0 15	23 43	0 1	11 2	6 34	12 19	12 32	13 51		n.a.	T 14
F 15	16 25	18 36	2 39	20 20	1 56	2 54	4 32	19 56	4 32	23 33	0 4	20 51	0 40	15 39	0 15	23 43	0 1	11 2	6 34	12 18	12 31	13 50		n.a.	F 15
S 16	16 7	19 35	3 30	19 46	1 53	3 15	4 41	20 3	4 31	23 34	0 4	20 51	0 40	15 40	0 15	23 43	0 1	11 2	6 34	12 17	12 29	13 48		n.a.	S 16
S 17	15 48	19 38	4 11	19 9	1 49	3 36	4 49	20 10	4 31	23 34	0 4	20 51	0 40	15 40	0 15	23 43	0 1	11 2	6 34	12 15	12 28	13 47		n.a.	S 17
M18	15 30	18 49	4 40	18 31	1 44	3 56	4 57	20 17	4 30	23 35	0 5	20 51	0 40	15 40	0 15	23 43	0 1	11 2	6 34	12 12	12 27	13 45		n.a.	M18
T 19	15 11	17 10	4 57	17 50	1 39	4 16	5 5	20 23	4 29	23 36	0 5	20 51	0 40	15 40	0 15	23 43	0 1	11 2	6 34	12 8	12 26	13 43		n.a.	T 19
W20	14 52	14 49	5 1	17 8	1 34	4 35	5 14	20 30	4 28	23 37	0 5	20 52	0 40	15 40	0 15	23 44	0 1	11 2	6 34	12 3	12 25	13 42		n.a.	W20
T 21	14 33	11 50	4 52	16 23	1 27	4 53	5 22	20 36	4 27	23 38	0 5	20 52	0 39	15 40	0 15	23 44	0 1	11 2	6 34	11 59	12 24	13 40		n.a.	T 21
F 22	14 14	8 23	4 30	15 37	1 21	5 10	5 30	20 42	4 26	23 39	0 5	20 52	0 39	15 40	0 15	23 44	0 1	11 2	6 34	11 54	12 23	13 38		n.a.	F 22
S 23	13 54	4 35	3 56	14 49	1 13	5 27	5 38	20 48	4 25	23 39	0 5	20 52	0 39	15 40	0 15	23 44	0 1	11 2	6 35	11 50	12 22	13 37		n.a.	S 23
S 24	13 34	0 35	3 11	13 59	1 5	5 42	5 46	20 53	4 24	23 40	0 5	20 53	0 39	15 40	0 15	23 44	0 1	11 2	6 35	11 47	12 21	13 35		n.a.	S 24
M25	13 14	3s30	2 17	13 8	0 57	5 57	5 54	20 59	4 23	23 41	0 5	20 53	0 39	15 40	0 15	23 44	0 1	11 2	6 35	11 45	12 19	13 34		n.a.	M25
T 26	12 54	7 28	1 16	12 15	0 48	6 11	6 1	21 4	4 21	23 42	0 6	20 54	0 38	15 40	0 15	23 44	0 1	11 2	6 35	11 44	12 18	13 32		n.a.	T 26
W27	12 33	11 11	0 10	11 21	0 38	6 24	6 9	21 9	4 19	23 42	0 6	20 54	0 38	15 40	0 15	23 44	0 1	11 2	6 35	11 43	12 17	13 30		n.a.	W27
T 28	12s13	14s28	0n57	10s26	0s28	6n36	6n16	21n14	4n18	23s43	0s 6	20n54	0s38	15s40	0n15	23n44	0s 1	11s 2	6n35	11s44	12s16	13n29		n.a.	T 28

Julian Day Number = 1280597.5, Delta T = 08h08m31s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°44'01, Lahiri = -20°37'01 Julian Calendar 1 Feb. 1207 BCE == Greg. Calendar 21 Jan. 1207 BCE

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ASTRODIENST EPHEMERIS for the year 1207 BCE
geocentric

MARCH 1207 BCE (-1206) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 49 33	29♒24'35	24♏ 4	6♓38	2♈21	12°R53	22♐39	5♊16	12°R43	4°R54	17°R33	0°R12	1♏40	8♌44	n.a.	F 1
S 2	9 53 30	0♓23'19	7♐31	8°42	2°30	12♌33	22°48	5°18	12♏42	4♋53	17♏33	0♏12	1°37	8°50	n.a.	S 2
S 3	9 57 26	1°22'02	21°22	10°45	2°36	12°13	22°57	5°19	12°42	4°52	17°33	0°10	1°34	8°57	n.a.	S 3
M 4	10 1 23	2°20'43	5♑39	12°46	2°40	11°53	23° 6	5°21	12°42	4°51	17°33	0° 6	1°31	9° 4	n.a.	M 4
T 5	10 5 19	3°19'22	20°20	14°46	2°R42	11°34	23°15	5°23	12°42	4°50	17°33	0° 0	1°27	9°11	n.a.	T 5
W 6	10 9 16	4°17'59	5♒20	16°44	2°42	11°15	23°23	5°25	12°41	4°50	17°33	29♎53	1°24	9°17	n.a.	W 6
T 7	10 13 12	5°16'34	20°30	18°40	2°39	10°58	23°32	5°27	12°41	4°49	17°33	29°44	1°21	9°24	n.a.	T 7
F 8	10 17 9	6°15'07	5♓40	20°33	2°34	10°40	23°40	5°29	12°41	4°48	17°32	29°36	1°18	9°31	n.a.	F 8
S 9	10 21 5	7°13'38	20°41	22°24	2°26	10°24	23°49	5°31	12°40	4°48	17°32	29°30	1°15	9°37	n.a.	S 9
S 10	10 25 2	8°12'07	5♈22	24°11	2°16	10° 8	23°57	5°34	12°39	4°47	17°32	29°25	1°12	9°44	n.a.	S 10
M11	10 28 59	9°10'34	19°38	25°54	2° 3	9°53	24° 5	5°36	12°39	4°47	17°32	29°23	1° 8	9°51	n.a.	M11
T 12	10 32 55	10° 8'58	3♉26	27°34	1°48	9°38	24°13	5°39	12°38	4°46	17°31	29°D23	1° 5	9°58	n.a.	T 12
W13	10 36 52	11° 7'21	16°46	29°10	1°31	9°24	24°21	5°42	12°38	4°46	17°31	29°23	1° 2	10° 4	n.a.	W13
T 14	10 40 48	12° 5'41	29°41	0♈42	1°11	9°11	24°28	5°44	12°37	4°45	17°31	29°25	0°59	10°11	n.a.	T 14
F 15	10 44 45	13° 3'59	12♊14	2° 9	0°49	8°59	24°36	5°47	12°36	4°45	17°30	29°R25	0°56	10°18	n.a.	F 15
S 16	10 48 41	14° 2'14	24°31	3°32	0°24	8°48	24°43	5°50	12°35	4°45	17°30	29°25	0°52	10°25	n.a.	S 16
S 17	10 52 38	15° 0'28	6♋35	4°50	29♓58	8°37	24°50	5°53	12°34	4°44	17°29	29°22	0°49	10°31	n.a.	S 17
M18	10 56 34	15°58'39	18°31	6° 3	29°29	8°27	24°57	5°56	12°33	4°44	17°29	29°18	0°46	10°38	n.a.	M18
T 19	11 0 31	16°56'48	0♌23	7°12	28°59	8°18	25° 4	6° 0	12°32	4°44	17°28	29°12	0°43	10°45	n.a.	T 19
W20	11 4 27	17°54'55	12°15	8°15	28°26	8°10	25°11	6° 3	12°31	4°43	17°28	29° 5	0°40	10°51	n.a.	W20
T 21	11 8 24	18°53'00	24° 9	9°14	27°53	8° 2	25°18	6° 6	12°30	4°43	17°27	28°57	0°37	10°58	n.a.	T 21
F 22	11 12 21	19°51'03	6♍ 7	10° 7	27°18	7°56	25°24	6°10	12°29	4°43	17°26	28°50	0°33	11° 5	n.a.	F 22
S 23	11 16 17	20°49'05	18°13	10°56	26°42	7°50	25°31	6°14	12°28	4°43	17°26	28°44	0°30	11°12	n.a.	S 23
S 24	11 20 14	21°47'04	0♎25	11°39	26° 5	7°45	25°37	6°17	12°27	4°43	17°25	28°39	0°27	11°18	n.a.	S 24
M25	11 24 10	22°45'02	12°47	12°17	25°27	7°40	25°43	6°21	12°25	4°43	17°24	28°36	0°24	11°25	n.a.	M25
T 26	11 28 7	23°42'58	25°19	12°49	24°49	7°37	25°49	6°25	12°24	4°42	17°24	28°D35	0°21	11°32	n.a.	T 26
W27	11 32 3	24°40'52	8♏ 3	13°16	24°11	7°34	25°54	6°29	12°23	4°D42	17°23	28°35	0°18	11°38	n.a.	W27
T 28	11 36 0	25°38'45	21° 0	13°38	23°33	7°32	26° 0	6°33	12°21	4°42	17°22	28°37	0°14	11°45	n.a.	T 28
F 29	11 39 56	26°36'36	4♐13	13°55	22°55	7°31	26° 5	6°37	12°20	4°42	17°21	28°38	0°11	11°52	n.a.	F 29
S 30	11 43 53	27°34'27	17°43	14° 6	22°18	7°D31	26°10	6°41	12°19	4°43	17°20	28°39	0° 8	11°59	n.a.	S 30
S 31	11 47 49	28♓32'16	1♑32	14♈12	21♓41	7♌31	26♐15	6♊46	12♏17	4♋43	17♏20	28°R40	0♏ 5	12♌ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s52	17s 6	2n 4	9s30	0s18	6n47	6n23	21n18	4n16	23s44	0s 6	20n55	0s38	15s40	0n15	23n44	0s 1	11s 2	6n35	11s44	12s15	13n27		n.a.
S 2	11 31	18 52	3 6	8 33	0 7	6 57	6 30	21 23	4 14	23 44	0 6	20 55	0 38	15 40	0 15	23 44	0 1	11 2	6 35	11 44	12 14	13 25		n.a.
S 3	11 10	19 35	3 58	7 36	0n 4	7 6	6 37	21 27	4 12	23 45	0 6	20 56	0 38	15 40	0 15	23 44	0 1	11 1	6 35	11 43	12 13	13 24		n.a.
M 4	10 49	19 5	4 38	6 38	0 15	7 14	6 44	21 30	4 10	23 46	0 6	20 56	0 37	15 40	0 15	23 44	0 1	11 1	6 36	11 42	12 12	13 22		n.a.
T 5	10 27	17 18	5 1	5 41	0 27	7 20	6 50	21 34	4 8	23 46	0 7	20 57	0 37	15 40	0 15	23 44	0 1	11 1	6 36	11 40	12 10	13 20		n.a.
W 6	10 6	14 20	5 4	4 44	0 38	7 25	6 56	21 37	4 6	23 47	0 7	20 57	0 37	15 40	0 15	23 44	0 1	11 1	6 36	11 37	12 9	13 19		n.a.
T 7	9 44	10 23	4 46	3 47	0 50	7 29	7 1	21 40	4 4	23 47	0 7	20 58	0 37	15 40	0 15	23 44	0 1	11 1	6 36	11 34	12 8	13 17		n.a.
F 8	9 22	5 45	4 7	2 52	1 2	7 32	7 6	21 43	4 1	23 48	0 7	20 58	0 37	15 40	0 15	23 44	0 1	11 1	6 36	11 31	12 7	13 16		n.a.
S 9	9 0	0 49	3 12	1 57	1 13	7 33	7 11	21 45	3 59	23 48	0 7	20 59	0 37	15 40	0 15	23 44	0 1	11 1	6 36	11 29	12 6	13 14		n.a.
S 10	8 38	4n 5	2 5	1 4	1 24	7 33	7 15	21 47	3 56	23 49	0 7	20 59	0 36	15 39	0 15	23 44	0 1	11 0	6 36	11 27	12 5	13 12		n.a.
M11	8 16	8 36	0 52	0 12	1 35	7 31	7 19	21 49	3 54	23 50	0 7	21 0	0 36	15 39	0 15	23 44	0 1	11 0	6 36	11 26	12 4	13 11		n.a.
T 12	7 53	12 31	0s22	0n38	1 46	7 28	7 22	21 50	3 51	23 50	0 8	21 1	0 36	15 39	0 15	23 44	0 1	11 0	6 36	11 26	12 3	13 9		n.a.
W13	7 31	15 39	1 32	1 26	1 56	7 23	7 25	21 52	3 49	23 51	0 8	21 1	0 36	15 39	0 15	23 44	0 1	11 0	6 37	11 26	12 2	13 7		n.a.
T 14	7 8	17 53	2 36	2 12	2 6	7 17	7 27	21 53	3 46	23 51	0 8	21 2	0 36	15 38	0 15	23 44	0 0	11 0	6 37	11 27	12 0	13 6		n.a.
F 15	6 46	19 10	3 30	2 55	2 15	7 9	7 28	21 54	3 43	23 51	0 8	21 3	0 36	15 38	0 15	23 44	0 0	10 59	6 37	11 27	11 59	13 4		n.a.
S 16	6 23	19 30	4 14	3 36	2 23	7 0	7 29	21 54	3 41	23 52	0 8	21 3	0 35	15 38	0 15	23 44	0 0	10 59	6 37	11 27	11 58	13 2		n.a.
S 17	6 0	18 56	4 45	4 15	2 31	6 49	7 29	21 54	3 38	23 52	0 8	21 4	0 35	15 38	0 15	23 45	0 0	10 59	6 37	11 26	11 57	13 1		n.a.
M18	5 37	17 31	5 3	4 51	2 38	6 37	7 28	21 54	3 35	23 53	0 9	21 5	0 35	15 37	0 15	23 45	0 0	10 59	6 37	11 24	11 56	12 59		n.a.
T 19	5 14	15 23	5 9	5 24	2 44	6 23	7 26	21 54	3 33	23 53	0 9	21 5	0 35	15 37	0 15	23 45	0 0	10 59	6 37	11 22	11 55	12 57		n.a.
W20	4 51	12 36	5 1	5 55	2 49	6 8	7 24	21 54	3 30	23 54	0 9	21 6	0 35	15 37	0 15	23 45	0 0	10 58	6 37	11 20	11 54	12 56		n.a.
T 21	4 28	9 18	4 40	6 22	2 54	5 52	7 21	21 53	3 27	23 54	0 9	21 7	0 35	15 36	0 15	23 45	0 0	10 58	6 37	11 17	11 52	12 54		n.a.
F 22	4 5	5 36	4 6	6 47	2 57	5 34	7 17	21 52	3 24	23 54	0 9	21 8	0 35	15 36	0 15	23 45	0 0	10 58	6 37	11 14	11 51	12 52		n.a.
S 23	3 42	1 39	3 22	7 8	3 0	5 15	7 12	21 51	3 21	23 55	0 9	21 8	0 34	15 36	0 15	23 45	0 0	10 58	6 37	11 12	11 50	12 51		n.a.
S 24	3 19	2s25	2 27	7 27	3 1	4 55	7 6	21 50	3 18	23 55	0 10	21 9	0 34	15 35	0 15	23 45	0 0	10 57	6 38	11 10	11 49	12 49		n.a.
M25	2 55	6 26	1 25	7 42	3 2	4 34	7 0	21 48	3 16	23 56	0 10	21 10	0 34	15 35	0 15	23 45	0 0	10 57	6 38	11 9	11 48	12 47		n.a.
T 26	2 32	10 14	0 18	7 55	3 1	4 12	6 52	21 46	3 13	23 56	0 10	21 11	0 34	15 35	0 15	23 45	0 0	10 57	6 38	11 9	11 47	12 46		n.a.
W27	2 9	13 37	0n51	8 4	2 59	3 49	6 44	21 44	3 10	23 56	0 10	21 12	0 34	15 34	0 15	23 45	0 0	10 56	6 38	11 9	11 46	12 44		n.a.
T 28	1 45	16 23	1 59	8 10	2 56	3 26	6 35	21 42	3 7	23 57	0 10	21 13	0 34	15 34	0 15	23 45	0 0	10 56	6 38	11 9	11 45	12 42		n.a.
F 29	1 22	18 21	3 3	8 13	2 52	3 2	6 26	21 39	3 4	23 57	0 10	21 13	0 33	15 33	0 15	23 45	0 0	10 56	6 38	11 10	11 43	12 41		n.a.
S 30	0 59	19 20	3 57	8 12	2 47	2 38	6 16	21 37	3 1	23 57	0 11	21 14	0 33	15 33	0 15	23 45	0 0	10 56	6 38	11 10	11 42	12 39		n.a.
S 31	0s35	19s11	4n39	8n 9	2n40	2n14	6n 5	21n34	2n58	23s58	0s11	21n15	0s33	15s32	0n15	23n45	0s 0	10s55	6n38	11s11	11s41	12n37		n.a.

Julian Day Number = 1280625.5, Delta T = 08h08m29s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'58, Lahiri = -20°36'57 Julian Calendar 1 March 1207 BCE == Greg. Calendar 18 Feb. 1207 BCE

The year -1206 astronomical counting style corresponds to year 1207 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1207 BCE
geocentric

APRIL 1207 BCE (-1206) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 51 46	29♓30'03	15♉39	14°R13	21°R 6	7♌32	26♐20	6♊50	12°R15	4♋43	17°R19	28°R39	0♏ 2	12♌12	n.a.	M 1
T 2	11 55 43	0♈27'49	0♒ 4	14♈ 9	20♓32	7°34	26°25	6°55	12♏14	4°43	17♏18	28♎37	29♎58	12°19	n.a.	T 2
W 3	11 59 39	1°25'34	14°43	14° 0	20° 0	7°37	26°29	6°59	12°12	4°43	17°17	28°34	29°55	12°26	n.a.	W 3
T 4	12 3 36	2°23'18	29°30	13°47	19°29	7°40	26°34	7° 4	12°11	4°43	17°16	28°30	29°52	12°32	n.a.	T 4
F 5	12 7 32	3°21'00	14♓19	13°29	19° 0	7°44	26°38	7° 9	12° 9	4°44	17°15	28°27	29°49	12°39	n.a.	F 5
S 6	12 11 29	4°18'41	29° 2	13° 8	18°33	7°49	26°42	7°14	12° 7	4°44	17°14	28°24	29°46	12°46	n.a.	S 6
S 7	12 15 25	5°16'20	13♈31	12°43	18° 8	7°55	26°46	7°18	12° 5	4°44	17°13	28°22	29°43	12°52	n.a.	S 7
M 8	12 19 22	6°13'58	27°41	12°15	17°45	8° 1	26°49	7°23	12° 4	4°45	17°12	28°D21	29°39	12°59	n.a.	M 8
T 9	12 23 18	7°11'35	11♉28	11°44	17°24	8° 8	26°53	7°28	12° 2	4°45	17°11	28°22	29°36	13° 6	n.a.	T 9
W10	12 27 15	8° 9'09	24°50	11°12	17° 6	8°16	26°56	7°34	12° 0	4°45	17°10	28°23	29°33	13°13	n.a.	W10
T 11	12 31 12	9° 6'43	7♊49	10°38	16°50	8°24	26°59	7°39	11°58	4°46	17° 9	28°24	29°30	13°19	n.a.	T 11
F 12	12 35 8	10° 4'15	20°26	10° 4	16°36	8°33	27° 2	7°44	11°56	4°46	17° 7	28°26	29°27	13°26	n.a.	F 12
S 13	12 39 5	11° 1'45	2♋46	9°29	16°25	8°43	27° 5	7°49	11°54	4°47	17° 6	28°27	29°24	13°33	n.a.	S 13
S 14	12 43 1	11°59'14	14°52	8°54	16°16	8°53	27° 8	7°55	11°52	4°47	17° 5	28°R27	29°20	13°39	n.a.	S 14
M15	12 46 58	12°56'41	26°50	8°21	16° 9	9° 4	27°10	8° 0	11°50	4°48	17° 4	28°26	29°17	13°46	n.a.	M15
T 16	12 50 54	13°54'07	8♌43	7°49	16° 5	9°15	27°12	8° 6	11°48	4°49	17° 3	28°25	29°14	13°53	n.a.	T 16
W17	12 54 51	14°51'31	20°36	7°19	16°D 4	9°27	27°14	8°12	11°46	4°49	17° 1	28°23	29°11	14° 0	n.a.	W17
T 18	12 58 47	15°48'54	2♍32	6°52	16° 4	9°40	27°16	8°17	11°44	4°50	17° 0	28°21	29° 8	14° 6	n.a.	T 18
F 19	13 2 44	16°46'15	14°36	6°28	16° 7	9°53	27°18	8°23	11°42	4°51	16°59	28°20	29° 4	14°13	n.a.	F 19
S 20	13 6 41	17°43'36	26°49	6° 7	16°12	10° 7	27°19	8°29	11°40	4°51	16°58	28°18	29° 1	14°20	n.a.	S 20
S 21	13 10 37	18°40'55	9♎14	5°50	16°20	10°21	27°20	8°35	11°37	4°52	16°56	28°17	28°58	14°26	n.a.	S 21
M22	13 14 34	19°38'13	21°51	5°36	16°29	10°36	27°21	8°41	11°35	4°53	16°55	28°17	28°55	14°33	n.a.	M22
T 23	13 18 30	20°35'30	4♏42	5°27	16°41	10°52	27°22	8°47	11°33	4°54	16°54	28°D17	28°52	14°40	n.a.	T 23
W24	13 22 27	21°32'46	17°47	5°22	16°55	11° 8	27°23	8°53	11°31	4°55	16°52	28°17	28°49	14°47	n.a.	W24
T 25	13 26 23	22°30'02	1♐ 6	5°D22	17°10	11°24	27°24	8°59	11°29	4°56	16°51	28°18	28°45	14°53	n.a.	T 25
F 26	13 30 20	23°27'17	14°38	5°26	17°28	11°41	27°24	9° 5	11°26	4°57	16°49	28°18	28°42	15° 0	n.a.	F 26
S 27	13 34 16	24°24'31	28°23	5°35	17°48	11°59	27°R24	9°11	11°24	4°58	16°48	28°19	28°39	15° 7	n.a.	S 27
S 28	13 38 13	25°21'45	12♑19	5°48	18° 9	12°17	27°24	9°18	11°22	4°59	16°47	28°19	28°36	15°13	n.a.	S 28
M29	13 42 10	26°18'58	26°26	6° 5	18°32	12°35	27°24	9°24	11°19	5° 0	16°45	28°R19	28°33	15°20	n.a.	M29
T 30	13 46 6	27♈16'11	10♒41	6♈27	18♓57	12♌54	27♐23	9♊30	11♏17	5♋ 1	16♏44	28♎19	28♎29	15♌27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s12	17s51	5n 5	8n 2	2n33	1n49	5n54	21n31	2n56	23s58	0s11	21n16	0s33	15s32	0n15	23n45	0s 0	10s55	6n38	11s10	11s40	12n36		n.a.
T 2	0n11	15 22	5 13	7 52	2 24	1 25	5 42	21 28	2 53	23 58	0 11	21 17	0 33	15 31	0 15	23 45	0 0	10 55	6 38	11 9	11 39	12 34		n.a.
W 3	0 35	11 54	5 1	7 40	2 14	1 1	5 30	21 24	2 50	23 58	0 11	21 18	0 33	15 31	0 15	23 45	0 0	10 54	6 38	11 8	11 38	12 32		n.a.
T 4	0 58	7 39	4 29	7 24	2 3	0 37	5 17	21 21	2 47	23 59	0 11	21 19	0 33	15 30	0 15	23 45	0 0	10 54	6 38	11 7	11 37	12 30		n.a.
F 5	1 21	2 55	3 39	7 6	1 50	0 13	5 4	21 17	2 44	23 59	0 12	21 20	0 32	15 30	0 15	23 45	0 0	10 54	6 38	11 6	11 35	12 29		n.a.
S 6	1 44	1n58	2 34	6 45	1 37	0s 9	4 51	21 13	2 42	23 59	0 12	21 21	0 32	15 29	0 15	23 45	0 0	10 53	6 38	11 5	11 34	12 27		n.a.
S 7	2 8	6 39	1 21	6 22	1 23	0 32	4 37	21 9	2 39	24 0	0 12	21 22	0 32	15 29	0 15	23 45	0 0	10 53	6 38	11 4	11 33	12 25		n.a.
M 8	2 31	10 53	0 4	5 57	1 8	0 53	4 23	21 5	2 36	24 0	0 12	21 23	0 32	15 28	0 15	23 45	0 0	10 53	6 38	11 4	11 32	12 24		n.a.
T 9	2 54	14 23	1s12	5 31	0 52	1 14	4 10	21 0	2 34	24 0	0 12	21 24	0 32	15 28	0 15	23 45	0 0	10 52	6 38	11 4	11 31	12 22		n.a.
W10	3 17	17 1	2 21	5 3	0 36	1 34	3 56	20 55	2 31	24 0	0 12	21 25	0 32	15 27	0 15	23 45	0 0	10 52	6 39	11 5	11 30	12 20		n.a.
T 11	3 40	18 40	3 21	4 34	0 19	1 53	3 42	20 51	2 28	24 1	0 13	21 26	0 32	15 26	0 15	23 45	0 0	10 52	6 39	11 5	11 29	12 19		n.a.
F 12	4 3	19 21	4 9	4 5	0 2	2 11	3 28	20 46	2 26	24 1	0 13	21 27	0 31	15 26	0 15	23 45	0 0	10 51	6 39	11 6	11 28	12 17		n.a.
S 13	4 26	19 4	4 45	3 35	0s15	2 28	3 15	20 41	2 23	24 1	0 13	21 28	0 31	15 25	0 15	23 45	0 0	10 51	6 39	11 6	11 26	12 15		n.a.
S 14	4 49	17 54	5 7	3 6	0 32	2 44	3 1	20 35	2 20	24 1	0 13	21 29	0 31	15 25	0 15	23 45	0 0	10 51	6 39	11 6	11 25	12 14		n.a.
M15	5 12	15 59	5 16	2 37	0 49	2 59	2 48	20 30	2 18	24 2	0 13	21 30	0 31	15 24	0 15	23 45	0 0	10 50	6 39	11 6	11 24	12 12		n.a.
T 16	5 34	13 23	5 11	2 10	1 5	3 13	2 34	20 24	2 15	24 2	0 14	21 31	0 31	15 23	0 15	23 45	0 0	10 50	6 39	11 5	11 23	12 10		n.a.
W17	5 57	10 15	4 53	1 43	1 21	3 25	2 21	20 19	2 13	24 2	0 14	21 32	0 31	15 23	0 15	23 45	0 0	10 50	6 39	11 5	11 22	12 8		n.a.
T 18	6 19	6 41	4 22	1 18	1 36	3 37	2 8	20 13	2 10	24 2	0 14	21 33	0 31	15 22	0 15	23 45	0 0	10 49	6 39	11 4	11 21	12 7		n.a.
F 19	6 42	2 48	3 39	0 55	1 51	3 47	1 56	20 7	2 8	24 3	0 14	21 34	0 30	15 21	0 15	23 45	0 0	10 49	6 39	11 3	11 20	12 5		n.a.
S 20	7 4	1s14	2 46	0 34	2 5	3 57	1 44	20 0	2 5	24 3	0 14	21 35	0 30	15 21	0 15	23 45	0 0	10 48	6 39	11 3	11 18	12 3		n.a.
S 21	7 26	5 18	1 44	0 15	2 18	4 5	1 31	19 54	2 3	24 3	0 14	21 36	0 30	15 20	0 15	23 45	0 0	10 48	6 39	11 3	11 17	12 2		n.a.
M22	7 48	9 12	0 36	0s 1	2 29	4 12	1 20	19 48	2 0	24 3	0 15	21 37	0 30	15 19	0 15	23 45	0n 0	10 48	6 39	11 2	11 16	12 0		n.a.
T 23	8 10	12 45	0n36	0 15	2 40	4 18	1 8	19 41	1 58	24 3	0 15	21 38	0 30	15 19	0 15	23 45	0 0	10 47	6 39	11 2	11 15	11 58		n.a.
W24	8 32	15 43	1 46	0 26	2 50	4 23	0 57	19 34	1 56	24 4	0 15	21 39	0 30	15 18	0 15	23 45	0 0	10 47	6 39	11 2	11 14	11 56		n.a.
T 25	8 54	17 55	2 52	0 34	2 59	4 27	0 46	19 27	1 53	24 4	0 15	21 40	0 30	15 17	0 15	23 45	0 0	10 47	6 39	11 3	11 13	11 55		n.a.
F 26	9 15	19 8	3 50	0 39	3 7	4 29	0 35	19 20	1 51	24 4	0 15	21 41	0 30	15 17	0 15	23 45	0 0	10 46	6 39	11 3	11 11	11 53		n.a.
S 27	9 37	19 15	4 35	0 42	3 13	4 31	0 25	19 13	1 49	24 4	0 16	21 43	0 29	15 16	0 15	23 45	0 0	10 46	6 39	11 3	11 10	11 51		n.a.
S 28	9 58	18 12	5 5	0 42	3 19	4 32	0 15	19 6	1 46	24 4	0 16	21 44	0 29	15 15	0 15	23 45	0 0	10 45	6 39	11 3	11 9	11 50		n.a.
M29	10 19	16 2	5 17	0 39	3 24	4 32	0 5	18 58	1 44	24 5	0 16	21 45	0 29	15 14	0 15	23 44	0 0	10 45	6 39	11 3	11 8	11 48		n.a.
T 30	10n40	12s53	5n10	0s33	3s27	4s30	0s 4	18n51	1n42	24s 5	0s16	21n46	0s29	15s14	0n15	23n44	0n 0	10s45	6n39	11s 3	11s 7	11n46		n.a.

Julian Day Number = 1280656.5, Delta T = 08h08m28s
Ecliptic obliquity = 23°50'10, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'53, Lahiri = -20°36'53 Julian Calendar 1 Apr. 1207 BCE == Greg. Calendar 21 March 1207 BCE

The year -1206 astronomical counting style corresponds to year 1207 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1207 BCE
geocentric

MAY 1207 BCE (-1206) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 50 3	28♈13'23	25♒ 2	6♈54	19♓23	13♌13	27°R23	9♊37	11°R15	5♋ 2	16°R42	28°D19	28♎26	15♌34	n.a.	W 1
T 2	13 53 59	29°10'34	9♓25	7°25	19°51	13°33	27♐22	9°43	11♏12	5° 3	16♏41	28♎19	28°23	15°40	n.a.	T 2
F 3	13 57 56	0♉ 7'46	23°47	7°59	20°21	13°53	27°21	9°50	11°10	5° 4	16°39	28°19	28°20	15°47	n.a.	F 3
S 4	14 1 52	1° 4'56	8♈ 3	8°39	20°51	14°14	27°20	9°56	11° 8	5° 5	16°38	28°19	28°17	15°54	n.a.	S 4
S 5	14 5 49	2° 2'07	22° 9	9°22	21°24	14°35	27°18	10° 3	11° 5	5° 6	16°37	28°R19	28°14	16° 1	n.a.	S 5
M 6	14 9 45	2°59'16	6♉ 1	10° 9	21°57	14°56	27°17	10°10	11° 3	5° 7	16°35	28°19	28°10	16° 7	n.a.	M 6
T 7	14 13 42	3°56'26	19°35	11° 0	22°32	15°18	27°15	10°17	11° 0	5° 9	16°34	28°19	28° 7	16°14	n.a.	T 7
W 8	14 17 39	4°53'35	2♊50	11°55	23° 8	15°41	27°13	10°23	10°58	5°10	16°32	28°19	28° 4	16°21	n.a.	W 8
T 9	14 21 35	5°50'43	15°46	12°53	23°45	16° 3	27°11	10°30	10°55	5°11	16°30	28°18	28° 1	16°27	n.a.	T 9
F 10	14 25 32	6°47'50	28°23	13°56	24°24	16°27	27° 8	10°37	10°53	5°13	16°29	28°17	27°58	16°34	n.a.	F 10
S 11	14 29 28	7°44'57	10♋44	15° 2	25° 3	16°50	27° 6	10°44	10°51	5°14	16°27	28°16	27°55	16°41	n.a.	S 11
S 12	14 33 25	8°42'03	22°52	16°11	25°44	17°14	27° 3	10°51	10°48	5°15	16°26	28°15	27°51	16°48	n.a.	S 12
M13	14 37 21	9°39'09	4♌50	17°24	26°25	17°38	27° 0	10°58	10°46	5°17	16°24	28°D14	27°48	16°54	n.a.	M13
T 14	14 41 18	10°36'14	16°44	18°40	27° 8	18° 3	26°57	11° 5	10°43	5°18	16°23	28°14	27°45	17° 1	n.a.	T 14
W15	14 45 14	11°33'19	28°37	20° 0	27°51	18°28	26°54	11°12	10°41	5°20	16°21	28°15	27°42	17° 8	n.a.	W15
T 16	14 49 11	12°30'23	10♍35	21°23	28°36	18°53	26°51	11°19	10°38	5°21	16°20	28°16	27°39	17°14	n.a.	T 16
F 17	14 53 8	13°27'26	22°42	22°50	29°21	19°19	26°47	11°27	10°36	5°23	16°18	28°17	27°35	17°21	n.a.	F 17
S 18	14 57 4	14°24'29	5♎ 1	24°20	0♈ 7	19°45	26°43	11°34	10°33	5°24	16°17	28°18	27°32	17°28	n.a.	S 18
S 19	15 1 1	15°21'32	17°35	25°53	0°54	20°11	26°39	11°41	10°31	5°26	16°15	28°19	27°29	17°35	n.a.	S 19
M20	15 4 57	16°18'35	0♏28	27°29	1°41	20°37	26°35	11°48	10°29	5°27	16°14	28°R20	27°26	17°41	n.a.	M20
T 21	15 8 54	17°15'38	13°38	29° 9	2°30	21° 4	26°31	11°56	10°26	5°29	16°12	28°19	27°23	17°48	n.a.	T 21
W22	15 12 50	18°12'40	27° 7	0♉51	3°19	21°32	26°27	12° 3	10°24	5°30	16°10	28°17	27°20	17°55	n.a.	W22
T 23	15 16 47	19° 9'43	10♐52	2°37	4° 9	21°59	26°22	12°10	10°21	5°32	16° 9	28°15	27°16	18° 1	n.a.	T 23
F 24	15 20 44	20° 6'46	24°50	4°25	4°59	22°27	26°17	12°18	10°19	5°34	16° 7	28°12	27°13	18° 8	n.a.	F 24
S 25	15 24 40	21° 3'49	8♑58	6°17	5°50	22°55	26°12	12°25	10°16	5°35	16° 6	28° 9	27°10	18°15	n.a.	S 25
S 26	15 28 37	22° 0'52	23°12	8°11	6°42	23°23	26° 7	12°32	10°14	5°37	16° 4	28° 7	27° 7	18°22	n.a.	S 26
M27	15 32 33	22°57'56	7♒29	10° 8	7°35	23°52	26° 2	12°40	10°12	5°39	16° 3	28° 5	27° 4	18°28	n.a.	M27
T 28	15 36 30	23°55'00	21°44	12° 7	8°28	24°21	25°57	12°47	10° 9	5°41	16° 1	28°D 4	27° 0	18°35	n.a.	T 28
W29	15 40 26	24°52'05	5♓56	14° 8	9°21	24°50	25°51	12°55	10° 7	5°42	16° 0	28° 5	26°57	18°42	n.a.	W29
T 30	15 44 23	25°49'10	20° 2	16°11	10°15	25°19	25°45	13° 2	10° 5	5°44	15°58	28° 6	26°54	18°48	n.a.	T 30
F 31	15 48 19	26♉46'16	4♈ 0	18♉16	11♈10	25♌49	25♐40	13♊10	10♏ 2	5♋46	15♏57	28♎ 7	26♎51	18♌55	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11n 1	8s57	4n43	0s25	3s30	4s28	0s13	18n43	1n40	24s 5	0s16	21n47	0s29	15s13	0n15	23n44	0n 0	10s44	6n39	11s 3	11s 6	11n44			n.a.
T 2	11 22	4 29	3 59	0 14	3 31	4 25	0 22	18 35	1 37	24 5	0 17	21 48	0 29	15 12	0 15	23 44	0 0	10 44	6 39	11 3	11 5	11 43			n.a.
F 3	11 42	0n15	3 0	0 1	3 32	4 21	0 31	18 27	1 35	24 5	0 17	21 49	0 29	15 11	0 15	23 44	0 0	10 44	6 39	11 3	11 3	11 41			n.a.
S 4	12 3	4 56	1 50	0n15	3 32	4 17	0 39	18 19	1 33	24 6	0 17	21 50	0 29	15 11	0 15	23 44	0 0	10 43	6 38	11 3	11 2	11 39			n.a.
S 5	12 23	9 18	0 34	0 33	3 30	4 11	0 47	18 11	1 31	24 6	0 17	21 51	0 28	15 10	0 15	23 44	0 0	10 43	6 38	11 3	11 1	11 38			n.a.
M 6	12 43	13 5	0s43	0 54	3 28	4 5	0 55	18 2	1 29	24 6	0 17	21 53	0 28	15 9	0 15	23 44	0 0	10 42	6 38	11 3	11 0	11 36			n.a.
T 7	13 2	16 4	1 55	1 17	3 26	3 57	1 2	17 54	1 27	24 6	0 18	21 54	0 28	15 8	0 15	23 44	0 0	10 42	6 38	11 3	10 59	11 34			n.a.
W 8	13 22	18 8	3 0	1 42	3 22	3 49	1 9	17 45	1 25	24 6	0 18	21 55	0 28	15 8	0 15	23 44	0 0	10 42	6 38	11 3	10 58	11 32			n.a.
T 9	13 41	19 11	3 54	2 9	3 18	3 41	1 16	17 36	1 23	24 6	0 18	21 56	0 28	15 7	0 15	23 44	0 0	10 41	6 38	11 3	10 57	11 31			n.a.
F 10	14 0	19 15	4 35	2 38	3 12	3 31	1 23	17 27	1 21	24 6	0 18	21 57	0 28	15 6	0 15	23 44	0 0	10 41	6 38	11 2	10 55	11 29			n.a.
S 11	14 19	18 23	5 2	3 9	3 7	3 21	1 29	17 18	1 19	24 7	0 18	21 58	0 28	15 5	0 15	23 44	0 0	10 41	6 38	11 2	10 54	11 27			n.a.
S 12	14 38	16 41	5 15	3 42	3 0	3 10	1 35	17 9	1 17	24 7	0 19	21 59	0 28	15 5	0 15	23 44	0 0	10 40	6 38	11 2	10 53	11 25			n.a.
M13	14 57	14 17	5 14	4 17	2 53	2 59	1 41	16 59	1 15	24 7	0 19	22 0	0 28	15 4	0 15	23 44	0 0	10 40	6 38	11 1	10 52	11 24			n.a.
T 14	15 15	11 19	5 0	4 53	2 46	2 47	1 46	16 50	1 13	24 7	0 19	22 1	0 27	15 3	0 15	23 44	0 0	10 40	6 38	11 1	10 51	11 22			n.a.
W15	15 33	7 53	4 33	5 31	2 37	2 34	1 52	16 40	1 11	24 7	0 19	22 3	0 27	15 2	0 15	23 44	0 0	10 39	6 38	11 2	10 50	11 20			n.a.
T 16	15 51	4 7	3 54	6 11	2 29	2 21	1 57	16 30	1 9	24 7	0 19	22 4	0 27	15 2	0 15	23 44	0 0	10 39	6 38	11 2	10 48	11 18			n.a.
F 17	16 8	0 8	3 4	6 52	2 19	2 7	2 2	16 20	1 7	24 7	0 20	22 5	0 27	15 1	0 15	23 44	0 0	10 39	6 38	11 2	10 47	11 17			n.a.
S 18	16 26	3s56	2 5	7 35	2 10	1 53	2 6	16 10	1 5	24 8	0 20	22 6	0 27	15 0	0 15	23 44	0 0	10 38	6 38	11 3	10 46	11 15			n.a.
S 19	16 43	7 55	0 59	8 18	2 0	1 38	2 11	16 0	1 3	24 8	0 20	22 7	0 27	14 59	0 15	23 44	0 0	10 38	6 37	11 3	10 45	11 13			n.a.
M20	16 59	11 38	0n12	9 3	1 49	1 22	2 15	15 50	1 2	24 8	0 20	22 8	0 27	14 59	0 15	23 44	0 0	10 37	6 37	11 3	10 44	11 11			n.a.
T 21	17 16	14 52	1 23	9 49	1 39	1 6	2 19	15 39	1 0	24 8	0 20	22 9	0 27	14 58	0 15	23 44	0 0	10 37	6 37	11 3	10 43	11 10			n.a.
W22	17 32	17 22	2 32	10 36	1 27	0 50	2 22	15 29	0 58	24 8	0 21	22 10	0 27	14 57	0 15	23 44	0 0	10 37	6 37	11 3	10 41	11 8			n.a.
T 23	17 48	18 56	3 33	11 23	1 16	0 33	2 26	15 18	0 56	24 8	0 21	22 11	0 26	14 56	0 15	23 43	0 0	10 36	6 37	11 2	10 40	11 6			n.a.
F 24	18 4	19 22	4 23	12 12	1 5	0 16	2 29	15 7	0 55	24 8	0 21	22 12	0 26	14 55	0 15	23 43	0 0	10 36	6 37	11 1	10 39	11 4			n.a.
S 25	18 19	18 36	4 57	13 0	0 53	0n 2	2 32	14 56	0 53	24 8	0 21	22 14	0 26	14 55	0 15	23 43	0 0	10 36	6 37	11 0	10 38	11 3			n.a.
S 26	18 34	16 40	5 13	13 49	0 42	0 20	2 35	14 45	0 51	24 8	0 21	22 15	0 26	14 54	0 15	23 43	0 0	10 36	6 37	10 59	10 37	11 1			n.a.
M27	18 49	13 43	5 10	14 38	0 30	0 38	2 38	14 34	0 49	24 8	0 22	22 16	0 26	14 53	0 15	23 43	0 0	10 35	6 36	10 58	10 36	10 59			n.a.
T 28	19 4	9 57	4 48	15 26	0 18	0 57	2 41	14 22	0 48	24 8	0 22	22 17	0 26	14 52	0 15	23 43	0 0	10 35	6 36	10 58	10 34	10 57			n.a.
W29	19 18	5 39	4 8	16 14	0 7	1 16	2 43	14 11	0 46	24 8	0 22	22 18	0 26	14 52	0 15	23 43	0 0	10 35	6 36	10 58	10 33	10 56			n.a.
T 30	19 32	1 3	3 14	17 1	0n 4	1 36	2 45	13 59	0 44	24 8	0 22	22 19	0 26	14 51	0 15	23 43	0 0	10 34	6 36	10 58	10 32	10 54			n.a.
F 31	19n45	3n35	2n 8	17n48	0n15	1n56	2s47	13n48	0n43	24s 8	0s22	22n20	0s26	14s50	0n15	23n43	0n 1	10s34	6n36	10s59	10s31	10n52			n.a.

Julian Day Number = 1280686.5, Delta T = 08h08m26s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'49, Lahiri = -20°36'49 Julian Calendar 1 May 1207 BCE == Greg. Calendar 20 Apr. 1207 BCE

The year -1206 astronomical counting style corresponds to year 1207 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1207 BCE
geocentric

JUNE 1207 BCE (-1206) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 52 16	27♉43'22	17♈50	20♉22	12♈ 5	26♌19	25°R34	13♊18	10°R 0	5♋48	15°R55	28♎ 8	26♎48	19♌ 2	n.a.	S 1
S 2	15 56 13	28°40'29	1♉29	22°30	13° 1	26°49	25♐28	13°25	9♏58	5°50	15♏54	28°R 9	26°45	19° 9	n.a.	S 2
M 3	16 0 9	29°37'36	14°57	24°38	13°57	27°20	25°22	13°33	9°56	5°51	15°52	28° 8	26°41	19°15	n.a.	M 3
T 4	16 4 6	0♊34'44	28°11	26°47	14°53	27°50	25°15	13°40	9°53	5°53	15°51	28° 5	26°38	19°22	n.a.	T 4
W 5	16 8 2	1°31'53	11♊11	28°56	15°50	28°21	25° 9	13°48	9°51	5°55	15°49	28° 1	26°35	19°29	n.a.	W 5
T 6	16 11 59	2°29'01	23°57	1♊ 5	16°48	28°53	25° 2	13°56	9°49	5°57	15°48	27°55	26°32	19°35	n.a.	T 6
F 7	16 15 55	3°26'11	6♋27	3°13	17°45	29°24	24°56	14° 3	9°47	5°59	15°46	27°49	26°29	19°42	n.a.	F 7
S 8	16 19 52	4°23'20	18°44	5°21	18°44	29°56	24°49	14°11	9°45	6° 1	15°45	27°43	26°26	19°49	n.a.	S 8
S 9	16 23 49	5°20'31	0♌50	7°29	19°42	0♍28	24°42	14°19	9°42	6° 3	15°43	27°38	26°22	19°56	n.a.	S 9
M10	16 27 45	6°17'41	12°48	9°35	20°41	1° 0	24°35	14°27	9°40	6° 5	15°42	27°34	26°19	20° 2	n.a.	M10
T 11	16 31 42	7°14'52	24°40	11°40	21°40	1°32	24°28	14°34	9°38	6° 7	15°40	27°31	26°16	20° 9	n.a.	T 11
W12	16 35 38	8°12'03	6♍32	13°44	22°40	2° 5	24°21	14°42	9°36	6° 9	15°39	27°D31	26°13	20°16	n.a.	W12
T 13	16 39 35	9° 9'15	18°29	15°47	23°40	2°38	24°14	14°50	9°34	6°11	15°38	27°31	26°10	20°22	n.a.	T 13
F 14	16 43 31	10° 6'27	0♎36	17°48	24°41	3°11	24° 6	14°58	9°32	6°13	15°36	27°32	26° 6	20°29	n.a.	F 14
S 15	16 47 28	11° 3'39	12°56	19°48	25°41	3°44	23°59	15° 5	9°30	6°15	15°35	27°34	26° 3	20°36	n.a.	S 15
S 16	16 51 24	12° 0'53	25°36	21°46	26°42	4°17	23°52	15°13	9°28	6°17	15°33	27°R34	26° 0	20°43	n.a.	S 16
M17	16 55 21	12°58'07	8♏37	23°42	27°44	4°51	23°44	15°21	9°26	6°19	15°32	27°34	25°57	20°49	n.a.	M17
T 18	16 59 18	13°55'21	22° 2	25°37	28°45	5°25	23°36	15°29	9°24	6°21	15°31	27°31	25°54	20°56	n.a.	T 18
W19	17 3 14	14°52'37	5♐50	27°30	29°47	5°59	23°29	15°36	9°23	6°23	15°29	27°27	25°51	21° 3	n.a.	W19
T 20	17 7 11	15°49'53	19°59	29°22	0♉49	6°33	23°21	15°44	9°21	6°25	15°28	27°21	25°47	21° 9	n.a.	T 20
F 21	17 11 7	16°47'11	4♑25	1♋12	1°52	7° 7	23°14	15°52	9°19	6°28	15°27	27°14	25°44	21°16	n.a.	F 21
S 22	17 15 4	17°44'29	19° 1	3° 0	2°54	7°42	23° 6	16° 0	9°17	6°30	15°26	27° 6	25°41	21°23	n.a.	S 22
S 23	17 19 0	18°41'49	3♒39	4°46	3°57	8°16	22°58	16° 7	9°16	6°32	15°24	26°59	25°38	21°29	n.a.	S 23
M24	17 22 57	19°39'10	18°14	6°31	5° 1	8°51	22°50	16°15	9°14	6°34	15°23	26°54	25°35	21°36	n.a.	M24
T 25	17 26 53	20°36'32	2♓40	8°14	6° 4	9°26	22°43	16°23	9°12	6°36	15°22	26°50	25°32	21°43	n.a.	T 25
W26	17 30 50	21°33'56	16°53	9°56	7° 8	10° 2	22°35	16°31	9°11	6°38	15°21	26°D49	25°28	21°50	n.a.	W26
T 27	17 34 47	22°31'21	0♈51	11°36	8°12	10°37	22°27	16°38	9° 9	6°40	15°20	26°49	25°25	21°56	n.a.	T 27
F 28	17 38 43	23°28'47	14°35	13°14	9°16	11°13	22°19	16°46	9° 8	6°43	15°19	26°50	25°22	22° 3	n.a.	F 28
S 29	17 42 40	24°26'15	28° 5	14°51	10°21	11°49	22°11	16°54	9° 6	6°45	15°17	26°R50	25°19	22°10	n.a.	S 29
S 30	17 46 36	25♊23'45	11♉22	16♋26	11♉26	12♍25	22♐ 4	17♊ 2	9♏ 5	6♋47	15♏16	26♎49	25♎16	22♌16	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n59	7n58	0n56	18n33	0n26	2n16	2s49	13n36	0n41	24s 8	0s23	22n21	0s26	14s50	0n15	23n43	0n 1	10s34	6n36	10s59	10s30	10n50		n.a.
S 2	20 12	11 54	0s18	19 16	0 36	2 36	2 51	13 24	0 40	24 8	0 23	22 22	0 25	14 49	0 15	23 43	0 1	10 33	6 36	10 59	10 29	10 49		n.a.
M 3	20 24	15 9	1 31	19 58	0 45	2 57	2 52	13 12	0 38	24 8	0 23	22 23	0 25	14 48	0 15	23 43	0 1	10 33	6 35	10 59	10 27	10 47		n.a.
T 4	20 37	17 32	2 37	20 38	0 54	3 18	2 54	12 59	0 36	24 8	0 23	22 24	0 25	14 47	0 15	23 43	0 1	10 33	6 35	10 58	10 26	10 45		n.a.
W 5	20 48	18 58	3 33	21 16	1 3	3 39	2 55	12 47	0 35	24 8	0 23	22 25	0 25	14 47	0 15	23 43	0 1	10 33	6 35	10 56	10 25	10 43		n.a.
T 6	21 0	19 24	4 18	21 52	1 11	4 0	2 56	12 35	0 33	24 8	0 24	22 26	0 25	14 46	0 15	23 43	0 1	10 32	6 35	10 55	10 24	10 42		n.a.
F 7	21 11	18 51	4 49	22 25	1 18	4 22	2 57	12 22	0 32	24 8	0 24	22 27	0 25	14 45	0 14	23 42	0 1	10 32	6 35	10 52	10 23	10 40		n.a.
S 8	21 22	17 26	5 7	22 56	1 25	4 43	2 57	12 9	0 30	24 8	0 24	22 28	0 25	14 45	0 14	23 42	0 1	10 32	6 35	10 50	10 22	10 38		n.a.
S 9	21 33	15 16	5 10	23 24	1 30	5 5	2 58	11 56	0 29	24 8	0 24	22 29	0 25	14 44	0 14	23 42	0 1	10 32	6 34	10 48	10 20	10 36		n.a.
M10	21 43	12 28	5 0	23 50	1 36	5 27	2 58	11 43	0 27	24 8	0 24	22 30	0 25	14 43	0 14	23 42	0 1	10 31	6 34	10 47	10 19	10 35		n.a.
T 11	21 53	9 10	4 37	24 13	1 40	5 50	2 59	11 30	0 26	24 8	0 25	22 31	0 25	14 43	0 14	23 42	0 1	10 31	6 34	10 46	10 18	10 33		n.a.
W12	22 2	5 31	4 2	24 33	1 44	6 12	2 59	11 17	0 24	24 8	0 25	22 32	0 24	14 42	0 14	23 42	0 1	10 31	6 34	10 45	10 17	10 31		n.a.
T 13	22 11	1 38	3 16	24 50	1 47	6 34	2 59	11 4	0 23	24 7	0 25	22 33	0 24	14 41	0 14	23 42	0 1	10 31	6 34	10 46	10 16	10 29		n.a.
F 14	22 20	2s23	2 21	25 5	1 49	6 57	2 59	10 50	0 22	24 7	0 25	22 34	0 24	14 41	0 14	23 42	0 1	10 30	6 34	10 46	10 15	10 27		n.a.
S 15	22 28	6 24	1 18	25 17	1 51	7 19	2 58	10 37	0 20	24 7	0 25	22 35	0 24	14 40	0 14	23 42	0 1	10 30	6 33	10 47	10 13	10 26		n.a.
S 16	22 36	10 13	0 11	25 26	1 52	7 42	2 58	10 23	0 19	24 7	0 26	22 36	0 24	14 40	0 14	23 42	0 1	10 30	6 33	10 47	10 12	10 24		n.a.
M17	22 44	13 40	0n59	25 33	1 52	8 5	2 58	10 9	0 17	24 7	0 26	22 37	0 24	14 39	0 14	23 42	0 1	10 30	6 33	10 47	10 11	10 22		n.a.
T 18	22 51	16 31	2 8	25 38	1 52	8 27	2 57	9 56	0 16	24 7	0 26	22 38	0 24	14 38	0 14	23 42	0 1	10 30	6 33	10 46	10 10	10 20		n.a.
W19	22 58	18 30	3 11	25 40	1 51	8 50	2 56	9 42	0 15	24 6	0 26	22 39	0 24	14 38	0 14	23 41	0 1	10 30	6 33	10 44	10 9	10 19		n.a.
T 20	23 4	19 23	4 4	25 40	1 50	9 13	2 55	9 28	0 13	24 6	0 26	22 40	0 24	14 37	0 14	23 41	0 1	10 29	6 32	10 42	10 8	10 17		n.a.
F 21	23 10	19 3	4 43	25 38	1 48	9 36	2 54	9 13	0 12	24 6	0 26	22 41	0 24	14 37	0 14	23 41	0 1	10 29	6 32	10 39	10 6	10 15		n.a.
S 22	23 16	17 27	5 4	25 34	1 46	9 58	2 53	8 59	0 11	24 6	0 27	22 42	0 24	14 36	0 14	23 41	0 1	10 29	6 32	10 36	10 5	10 13		n.a.
S 23	23 21	14 43	5 5	25 28	1 43	10 21	2 52	8 45	0 9	24 6	0 27	22 43	0 23	14 36	0 14	23 41	0 1	10 29	6 32	10 34	10 4	10 11		n.a.
M24	23 25	11 5	4 46	25 19	1 39	10 44	2 51	8 30	0 8	24 5	0 27	22 44	0 23	14 35	0 14	23 41	0 1	10 29	6 31	10 32	10 3	10 10		n.a.
T 25	23 30	6 50	4 9	25 10	1 35	11 6	2 49	8 16	0 7	24 5	0 27	22 44	0 23	14 35	0 14	23 41	0 1	10 29	6 31	10 31	10 2	10 8		n.a.
W26	23 34	2 14	3 17	24 58	1 31	11 29	2 48	8 1	0 5	24 5	0 27	22 45	0 23	14 34	0 14	23 41	0 1	10 29	6 31	10 30	10 1	10 6		n.a.
T 27	23 37	2n24	2 15	24 45	1 26	11 51	2 46	7 46	0 4	24 4	0 27	22 46	0 23	14 34	0 14	23 41	0 1	10 28	6 31	10 30	9 59	10 4		n.a.
F 28	23 40	6 50	1 5	24 30	1 21	12 14	2 44	7 31	0 3	24 4	0 28	22 47	0 23	14 33	0 14	23 41	0 1	10 28	6 31	10 31	9 58	10 2		n.a.
S 29	23 43	10 52	0s 7	24 14	1 15	12 36	2 43	7 16	0 2	24 4	0 28	22 48	0 23	14 33	0 14	23 40	0 1	10 28	6 30	10 31	9 57	10 1		n.a.
S 30	23n45	14n16	1s17	23n57	1n 9	12n58	2s41	7n 1	0n 0	24s 4	0s28	22n49	0s23	14s32	0n14	23n40	0n 1	10s28	6n30	10s30	9s56	9n59		n.a.

Julian Day Number = 1280717.5, Delta T = 08h08m24s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'45, Lahiri = -20°36'45 Julian Calendar 1 June 1207 BCE == Greg. Calendar 21 May 1207 BCE

The year -1206 astronomical counting style corresponds to year 1207 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1207 BCE
geocentric

JULY 1207 BCE (-1206) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 50 33	26♊21'16	24♉27	18♋ 0	12♉30	13♍ 1	21°R56	17♊ 9	9°R 3	6♋49	15°R15	26°R46	25♎12	22♌23	n.a.	M 1
T 2	17 54 29	27°18'48	7♊20	19°32	13°36	13°37	21♐48	17°17	9♏ 2	6°51	15♏14	26♎40	25° 9	22°30	n.a.	T 2
W 3	17 58 26	28°16'22	20° 2	21° 2	14°41	14°13	21°40	17°25	9° 1	6°54	15°13	26°32	25° 6	22°37	n.a.	W 3
T 4	18 2 22	29°13'58	2♋33	22°31	15°47	14°50	21°33	17°32	8°59	6°56	15°12	26°22	25° 3	22°43	n.a.	T 4
F 5	18 6 19	0♋11'35	14°53	23°58	16°52	15°27	21°25	17°40	8°58	6°58	15°11	26°10	25° 0	22°50	n.a.	F 5
S 6	18 10 16	1° 9'13	27° 3	25°23	17°58	16° 4	21°17	17°48	8°57	7° 0	15°10	25°59	24°57	22°57	n.a.	S 6
S 7	18 14 12	2° 6'52	9♌ 4	26°47	19° 4	16°41	21°10	17°55	8°56	7° 2	15° 9	25°48	24°53	23° 3	n.a.	S 7
M 8	18 18 9	3° 4'33	20°58	28° 9	20°11	17°18	21° 2	18° 3	8°55	7° 5	15° 8	25°39	24°50	23°10	n.a.	M 8
T 9	18 22 5	4° 2'15	2♍49	29°29	21°17	17°56	20°55	18°11	8°54	7° 7	15° 7	25°32	24°47	23°17	n.a.	T 9
W10	18 26 2	4°59'58	14°39	0♌47	22°24	18°33	20°48	18°18	8°53	7° 9	15° 7	25°28	24°44	23°24	n.a.	W10
T 11	18 29 58	5°57'42	26°33	2° 3	23°31	19°11	20°40	18°26	8°52	7°11	15° 6	25°26	24°41	23°30	n.a.	T 11
F 12	18 33 55	6°55'28	8♎37	3°18	24°38	19°49	20°33	18°33	8°51	7°14	15° 5	25°D25	24°38	23°37	n.a.	F 12
S 13	18 37 51	7°53'15	20°55	4°30	25°45	20°27	20°26	18°41	8°50	7°16	15° 4	25°R26	24°34	23°44	n.a.	S 13
S 14	18 41 48	8°51'04	3♏33	5°41	26°52	21° 5	20°19	18°48	8°49	7°18	15° 3	25°26	24°31	23°50	n.a.	S 14
M15	18 45 45	9°48'53	16°36	6°49	27°59	21°43	20°12	18°56	8°48	7°20	15° 3	25°24	24°28	23°57	n.a.	M15
T 16	18 49 41	10°46'45	0♐ 5	7°55	29° 7	22°22	20° 5	19° 3	8°47	7°22	15° 2	25°20	24°25	24° 4	n.a.	T 16
W17	18 53 38	11°44'38	14° 3	8°59	0♊15	23° 0	19°58	19°10	8°47	7°25	15° 1	25°14	24°22	24°10	n.a.	W17
T 18	18 57 34	12°42'32	28°28	10° 0	1°23	23°39	19°52	19°18	8°46	7°27	15° 1	25° 5	24°18	24°17	n.a.	T 18
F 19	19 1 31	13°40'28	13♑14	10°58	2°31	24°18	19°45	19°25	8°45	7°29	15° 0	24°54	24°15	24°24	n.a.	F 19
S 20	19 5 27	14°38'26	28°13	11°54	3°39	24°57	19°39	19°32	8°45	7°31	14°59	24°43	24°12	24°31	n.a.	S 20
S 21	19 9 24	15°36'25	13♒16	12°47	4°48	25°36	19°33	19°40	8°44	7°34	14°59	24°33	24° 9	24°37	n.a.	S 21
M22	19 13 20	16°34'27	28°13	13°37	5°56	26°15	19°26	19°47	8°44	7°36	14°58	24°25	24° 6	24°44	n.a.	M22
T 23	19 17 17	17°32'30	12♓56	14°23	7° 5	26°54	19°20	19°54	8°44	7°38	14°58	24°19	24° 3	24°51	n.a.	T 23
W24	19 21 14	18°30'36	27°20	15° 6	8°14	27°34	19°14	20° 1	8°43	7°40	14°57	24°16	23°59	24°57	n.a.	W24
T 25	19 25 10	19°28'43	11♈22	15°45	9°23	28°13	19° 9	20° 8	8°43	7°42	14°57	24°15	23°56	25° 4	n.a.	T 25
F 26	19 29 7	20°26'53	25° 3	16°21	10°32	28°53	19° 3	20°16	8°43	7°44	14°56	24°15	23°53	25°11	n.a.	F 26
S 27	19 33 3	21°25'05	8♉24	16°52	11°41	29°33	18°58	20°23	8°43	7°47	14°56	24°15	23°50	25°18	n.a.	S 27
S 28	19 37 0	22°23'20	21°27	17°18	12°51	0♎13	18°52	20°30	8°42	7°49	14°56	24°13	23°47	25°24	n.a.	S 28
M29	19 40 56	23°21'36	4♊16	17°40	14° 0	0°53	18°47	20°37	8°42	7°51	14°55	24° 9	23°44	25°31	n.a.	M29
T 30	19 44 53	24°19'55	16°52	17°57	15°10	1°33	18°42	20°44	8°D42	7°53	14°55	24° 1	23°40	25°38	n.a.	T 30
W31	19 48 49	25♋18'16	29♊17	18♌ 8	16♊20	2♎13	18♐37	20♊50	8♏42	7♋55	14♏55	23♎51	23♎37	25♌44	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n47	16n54	2s22	23n39	1n 3	13n20	2s39	6n46	0s 1	24s 3	0s28	22n50	0s23	14s32	0n14	23n40	0n 1	10s28	6n30	10s29	9s55	9n57			n.a.
T 2	23 48	18 38	3 19	23 19	0 56	13 41	2 37	6 31	0 2	24 3	0 28	22 50	0 23	14 31	0 14	23 40	0 1	10 28	6 30	10 27	9 53	9 55			n.a.
W 3	23 49	19 24	4 4	22 58	0 49	14 3	2 35	6 15	0 3	24 3	0 28	22 51	0 23	14 31	0 14	23 40	0 1	10 28	6 29	10 24	9 52	9 54			n.a.
T 4	23 50	19 11	4 37	22 37	0 42	14 24	2 32	6 0	0 5	24 2	0 29	22 52	0 23	14 30	0 14	23 40	0 1	10 28	6 29	10 20	9 51	9 52			n.a.
F 5	23 50	18 4	4 57	22 14	0 34	14 45	2 30	5 44	0 6	24 2	0 29	22 53	0 22	14 30	0 14	23 40	0 1	10 28	6 29	10 16	9 50	9 50			n.a.
S 6	23 50	16 9	5 3	21 51	0 26	15 6	2 28	5 29	0 7	24 1	0 29	22 54	0 22	14 30	0 14	23 40	0 1	10 28	6 29	10 12	9 49	9 48			n.a.
S 7	23 49	13 33	4 55	21 27	0 18	15 27	2 25	5 13	0 8	24 1	0 29	22 54	0 22	14 29	0 14	23 40	0 1	10 28	6 28	10 8	9 48	9 46			n.a.
M 8	23 48	10 25	4 34	21 2	0 10	15 47	2 23	4 57	0 9	24 1	0 29	22 55	0 22	14 29	0 14	23 40	0 1	10 28	6 28	10 4	9 46	9 45			n.a.
T 9	23 46	6 53	4 2	20 37	0 1	16 8	2 20	4 41	0 10	24 0	0 29	22 56	0 22	14 29	0 14	23 39	0 1	10 28	6 28	10 2	9 45	9 43			n.a.
W10	23 44	3 6	3 19	20 11	0s 8	16 28	2 18	4 25	0 11	24 0	0 29	22 57	0 22	14 28	0 14	23 39	0 1	10 28	6 28	10 0	9 44	9 41			n.a.
T 11	23 42	0s51	2 27	19 45	0 17	16 47	2 15	4 9	0 13	24 0	0 30	22 57	0 22	14 28	0 14	23 39	0 1	10 28	6 27	10 0	9 43	9 39			n.a.
F 12	23 39	4 49	1 28	19 19	0 26	17 6	2 12	3 53	0 14	23 59	0 30	22 58	0 22	14 28	0 14	23 39	0 1	10 28	6 27	9 59	9 42	9 37			n.a.
S 13	23 36	8 40	0 24	18 52	0 36	17 25	2 9	3 37	0 15	23 59	0 30	22 59	0 22	14 28	0 14	23 39	0 1	10 28	6 27	10 0	9 40	9 36			n.a.
S 14	23 32	12 14	0n43	18 26	0 46	17 44	2 6	3 21	0 16	23 58	0 30	23 0	0 22	14 27	0 14	23 39	0 1	10 28	6 26	9 59	9 39	9 34			n.a.
M15	23 28	15 19	1 50	17 59	0 56	18 2	2 3	3 5	0 17	23 58	0 30	23 0	0 22	14 27	0 14	23 39	0 1	10 28	6 26	9 59	9 38	9 32			n.a.
T 16	23 23	17 42	2 53	17 32	1 6	18 20	2 0	2 48	0 18	23 58	0 30	23 1	0 22	14 27	0 14	23 39	0 1	10 28	6 26	9 57	9 37	9 30			n.a.
W17	23 18	19 6	3 47	17 6	1 16	18 38	1 57	2 32	0 19	23 57	0 30	23 2	0 22	14 27	0 14	23 39	0 1	10 28	6 26	9 55	9 36	9 28			n.a.
T 18	23 13	19 20	4 29	16 39	1 26	18 55	1 54	2 15	0 20	23 57	0 30	23 2	0 21	14 26	0 14	23 38	0 1	10 28	6 25	9 52	9 35	9 27			n.a.
F 19	23 7	18 17	4 55	16 14	1 36	19 12	1 51	1 59	0 21	23 56	0 31	23 3	0 21	14 26	0 14	23 38	0 1	10 28	6 25	9 48	9 33	9 25			n.a.
S 20	23 1	15 58	5 0	15 48	1 46	19 28	1 48	1 42	0 22	23 56	0 31	23 4	0 21	14 26	0 14	23 38	0 1	10 28	6 25	9 44	9 32	9 23			n.a.
S 21	22 54	12 34	4 45	15 23	1 57	19 44	1 45	1 25	0 23	23 56	0 31	23 4	0 21	14 26	0 14	23 38	0 1	10 28	6 24	9 40	9 31	9 21			n.a.
M22	22 47	8 23	4 11	14 59	2 7	19 59	1 41	1 9	0 24	23 55	0 31	23 5	0 21	14 26	0 14	23 38	0 1	10 29	6 24	9 37	9 30	9 19			n.a.
T 23	22 40	3 45	3 20	14 36	2 18	20 14	1 38	0 52	0 25	23 55	0 31	23 6	0 21	14 26	0 14	23 38	0 1	10 29	6 24	9 35	9 29	9 17			n.a.
W24	22 32	1n 1	2 17	14 13	2 28	20 29	1 35	0 35	0 26	23 54	0 31	23 6	0 21	14 26	0 14	23 38	0 1	10 29	6 24	9 34	9 27	9 16			n.a.
T 25	22 24	5 36	1 8	13 52	2 38	20 43	1 31	0 18	0 27	23 54	0 31	23 7	0 21	14 26	0 14	23 38	0 1	10 29	6 23	9 33	9 26	9 14			n.a.
F 26	22 15	9 47	0s 4	13 32	2 48	20 57	1 28	0 1	0 28	23 54	0 31	23 7	0 21	14 26	0 14	23 37	0 1	10 29	6 23	9 33	9 25	9 12			n.a.
S 27	22 6	13 22	1 14	13 13	2 58	21 10	1 25	0s16	0 29	23 53	0 31	23 8	0 21	14 25	0 14	23 37	0 1	10 29	6 23	9 33	9 24	9 10			n.a.
S 28	21 56	16 12	2 18	12 56	3 7	21 22	1 21	0 33	0 30	23 53	0 31	23 9	0 21	14 25	0 14	23 37	0 1	10 29	6 22	9 32	9 23	9 8			n.a.
M29	21 47	18 10	3 14	12 40	3 17	21 34	1 18	0 50	0 31	23 53	0 32	23 9	0 21	14 25	0 14	23 37	0 1	10 30	6 22	9 31	9 21	9 7			n.a.
T 30	21 36	19 12	4 0	12 27	3 25	21 46	1 14	1 7	0 32	23 52	0 32	23 10	0 21	14 25	0 13	23 37	0 1	10 30	6 22	9 28	9 20	9 5			n.a.
W31	21n26	19n17	4s33	12n16	3s34	21n57	1s11	1s24	0s33	23s52	0s32	23n10	0s20	14s25	0n13	23n37	0n 1	10s30	6n22	9s24	9s19	9n 3			n.a.

Julian Day Number = 1280747.5, Delta T = 08h08m23s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'41, Lahiri = -20°36'41 Julian Calendar 1 July 1207 BCE == Greg. Calendar 20 June 1207 BCE

The year -1206 astronomical counting style corresponds to year 1207 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1207 BCE
geocentric

AUGUST 1207 BCE (-1206) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 52 46	26♋16'39	11♋34	18°R14	17♊30	2♎54	18°R32	20♊57	8♏42	7♋57	14°R55	23°R39	23♎34	25♌51	n.a.	T 1
F 2	19 56 43	27°15'03	23°43	18♌13	18°40	3°34	18♐28	21° 4	8°43	8° 0	14♏54	23♎25	23°31	25°58	n.a.	F 2
S 3	20 0 39	28°13'30	5♌44	18° 7	19°50	4°15	18°24	21°11	8°43	8° 2	14°54	23°11	23°28	26° 4	n.a.	S 3
S 4	20 4 36	29°11'59	17°40	17°54	21° 0	4°56	18°19	21°18	8°43	8° 4	14°54	22°58	23°24	26°11	n.a.	S 4
M 5	20 8 32	0♌10'30	29°31	17°34	22°10	5°37	18°15	21°24	8°43	8° 6	14°54	22°46	23°21	26°18	n.a.	M 5
T 6	20 12 29	1° 9'03	11♍19	17° 7	23°21	6°18	18°11	21°31	8°44	8° 8	14°54	22°38	23°18	26°25	n.a.	T 6
W 7	20 16 25	2° 7'37	23° 8	16°34	24°31	6°59	18° 8	21°37	8°44	8°10	14°54	22°32	23°15	26°31	n.a.	W 7
T 8	20 20 22	3° 6'14	5♎ 2	15°54	25°42	7°40	18° 4	21°44	8°44	8°12	14°D54	22°29	23°12	26°38	n.a.	T 8
F 9	20 24 18	4° 4'52	17° 4	15° 8	26°53	8°22	18° 1	21°50	8°45	8°14	14°54	22°27	23° 9	26°45	n.a.	F 9
S 10	20 28 15	5° 3'32	29°19	14°16	28° 4	9° 3	17°58	21°57	8°45	8°16	14°54	22°27	23° 5	26°51	n.a.	S 10
S 11	20 32 11	6° 2'14	11♏53	13°20	29°15	9°45	17°55	22° 3	8°46	8°18	14°54	22°27	23° 2	26°58	n.a.	S 11
M12	20 36 8	7° 0'58	24°51	12°19	0♋26	10°26	17°52	22° 9	8°47	8°20	14°54	22°26	22°59	27° 5	n.a.	M12
T 13	20 40 5	7°59'44	8♐17	11°16	1°37	11° 8	17°50	22°16	8°47	8°22	14°54	22°23	22°56	27°11	n.a.	T 13
W14	20 44 1	8°58'31	22°12	10°11	2°49	11°50	17°47	22°22	8°48	8°24	14°54	22°17	22°53	27°18	n.a.	W14
T 15	20 47 58	9°57'21	6♑38	9° 6	4° 0	12°32	17°45	22°28	8°49	8°26	14°55	22° 9	22°49	27°25	n.a.	T 15
F 16	20 51 54	10°56'12	21°29	8° 3	5°12	13°14	17°43	22°34	8°50	8°28	14°55	21°59	22°46	27°32	n.a.	F 16
S 17	20 55 51	11°55'06	6♒38	7° 3	6°23	13°56	17°41	22°40	8°50	8°30	14°55	21°49	22°43	27°38	n.a.	S 17
S 18	20 59 47	12°54'01	21°56	6° 9	7°35	14°39	17°40	22°46	8°51	8°32	14°55	21°39	22°40	27°45	n.a.	S 18
M19	21 3 44	13°52'59	7♓10	5°20	8°47	15°21	17°38	22°52	8°52	8°34	14°56	21°31	22°37	27°52	n.a.	M19
T 20	21 7 40	14°51'59	22°11	4°40	9°59	16° 3	17°37	22°57	8°53	8°36	14°56	21°26	22°34	27°58	n.a.	T 20
W21	21 11 37	15°51'02	6♈51	4° 8	11°11	16°46	17°36	23° 3	8°55	8°38	14°56	21°23	22°30	28° 5	n.a.	W21
T 22	21 15 34	16°50'06	21° 5	3°45	12°23	17°29	17°35	23° 9	8°56	8°40	14°57	21°D22	22°27	28°12	n.a.	T 22
F 23	21 19 30	17°49'14	4♉53	3°33	13°35	18°11	17°34	23°14	8°57	8°41	14°57	21°23	22°24	28°18	n.a.	F 23
S 24	21 23 27	18°48'24	18°15	3°D31	14°48	18°54	17°34	23°20	8°58	8°43	14°58	21°R23	22°21	28°25	n.a.	S 24
S 25	21 27 23	19°47'36	1♊16	3°39	16° 0	19°37	17°34	23°25	8°59	8°45	14°58	21°22	22°18	28°32	n.a.	S 25
M26	21 31 20	20°46'51	13°57	3°58	17°13	20°20	17°D34	23°31	9° 1	8°47	14°59	21°20	22°15	28°39	n.a.	M26
T 27	21 35 16	21°46'08	26°24	4°26	18°25	21° 3	17°34	23°36	9° 2	8°48	14°59	21°15	22°11	28°45	n.a.	T 27
W28	21 39 13	22°45'28	8♋38	5° 4	19°38	21°46	17°34	23°41	9° 4	8°50	15° 0	21° 7	22° 8	28°52	n.a.	W28
T 29	21 43 9	23°44'50	20°44	5°50	20°51	22°30	17°35	23°46	9° 5	8°52	15° 1	20°58	22° 5	28°59	n.a.	T 29
F 30	21 47 6	24°44'14	2♌44	6°45	22° 4	23°13	17°35	23°51	9° 7	8°54	15° 1	20°47	22° 2	29° 5	n.a.	F 30
S 31	21 51 2	25♌43'41	14♌38	7♌47	23♋17	23♎57	17♐36	23♊56	9♏ 8	8♋55	15♏ 2	20♎36	21♎59	29♌12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n15	18n27	4s53	12n 7	3s41	22n 7	1s 8	1s41	0s34	23s52	0s32	23n11	0s20	14s26	0n13	23n37	0n 1	10s30	6n21	9s20	9s18	9n 1			n.a.
F 2	21 3	16 48	5 0	12 0	3 48	22 17	1 4	1 58	0 35	23 51	0 32	23 11	0 20	14 26	0 13	23 37	0 1	10 31	6 21	9 15	9 17	8 59			n.a.
S 3	20 51	14 25	4 53	11 56	3 55	22 26	1 1	2 16	0 36	23 51	0 32	23 12	0 20	14 26	0 13	23 37	0 1	10 31	6 21	9 9	9 15	8 58			n.a.
S 4	20 39	11 28	4 33	11 55	4 0	22 35	0 57	2 33	0 37	23 51	0 32	23 13	0 20	14 26	0 13	23 36	0 1	10 31	6 20	9 4	9 14	8 56			n.a.
M 5	20 27	8 4	4 1	11 57	4 4	22 43	0 54	2 50	0 37	23 50	0 32	23 13	0 20	14 26	0 13	23 36	0 1	10 31	6 20	9 0	9 13	8 54			n.a.
T 6	20 14	4 22	3 19	12 3	4 7	22 50	0 50	3 8	0 38	23 50	0 32	23 14	0 20	14 26	0 13	23 36	0 1	10 32	6 20	8 57	9 12	8 52			n.a.
W 7	20 1	0 30	2 29	12 11	4 8	22 57	0 47	3 25	0 39	23 50	0 32	23 14	0 20	14 26	0 13	23 36	0 1	10 32	6 19	8 54	9 11	8 50			n.a.
T 8	19 47	3s25	1 31	12 24	4 8	23 3	0 43	3 42	0 40	23 50	0 32	23 14	0 20	14 26	0 13	23 36	0 1	10 32	6 19	8 53	9 10	8 48			n.a.
F 9	19 33	7 15	0 29	12 39	4 6	23 8	0 40	4 0	0 41	23 49	0 32	23 15	0 20	14 26	0 13	23 36	0 1	10 32	6 19	8 53	9 8	8 47			n.a.
S 10	19 19	10 51	0n36	12 58	4 2	23 13	0 36	4 17	0 42	23 49	0 32	23 15	0 20	14 27	0 13	23 36	0 1	10 33	6 19	8 53	9 7	8 45			n.a.
S 11	19 4	14 3	1 41	13 19	3 56	23 17	0 33	4 34	0 42	23 49	0 32	23 16	0 20	14 27	0 13	23 36	0 1	10 33	6 18	8 53	9 6	8 43			n.a.
M12	18 49	16 40	2 43	13 44	3 49	23 21	0 29	4 52	0 43	23 49	0 33	23 16	0 20	14 27	0 13	23 36	0 1	10 33	6 18	8 52	9 5	8 41			n.a.
T 13	18 34	18 28	3 38	14 11	3 39	23 24	0 26	5 9	0 44	23 49	0 33	23 17	0 20	14 27	0 13	23 35	0 1	10 34	6 18	8 51	9 4	8 39			n.a.
W14	18 19	19 15	4 22	14 40	3 27	23 26	0 22	5 26	0 45	23 48	0 33	23 17	0 19	14 28	0 13	23 35	0 1	10 34	6 17	8 49	9 2	8 37			n.a.
T 15	18 3	18 49	4 51	15 10	3 13	23 28	0 19	5 44	0 46	23 48	0 33	23 18	0 19	14 28	0 13	23 35	0 1	10 34	6 17	8 46	9 1	8 36			n.a.
F 16	17 46	17 7	5 2	15 41	2 58	23 28	0 15	6 1	0 46	23 48	0 33	23 18	0 19	14 28	0 13	23 35	0 1	10 35	6 17	8 42	9 0	8 34			n.a.
S 17	17 30	14 12	4 52	16 13	2 41	23 29	0 12	6 19	0 47	23 48	0 33	23 18	0 19	14 28	0 13	23 35	0 1	10 35	6 16	8 38	8 59	8 32			n.a.
S 18	17 13	10 18	4 22	16 44	2 23	23 28	0 9	6 36	0 48	23 48	0 33	23 19	0 19	14 29	0 13	23 35	0 1	10 35	6 16	8 35	8 58	8 30			n.a.
M19	16 56	5 45	3 32	17 14	2 4	23 27	0 5	6 53	0 49	23 48	0 33	23 19	0 19	14 29	0 13	23 35	0 2	10 36	6 16	8 32	8 56	8 28			n.a.
T 20	16 39	0 53	2 29	17 43	1 45	23 25	0 2	7 11	0 49	23 48	0 33	23 20	0 19	14 30	0 13	23 35	0 2	10 36	6 15	8 29	8 55	8 26			n.a.
W21	16 21	3n56	1 17	18 10	1 25	23 23	0n 1	7 28	0 50	23 48	0 33	23 20	0 19	14 30	0 13	23 34	0 2	10 37	6 15	8 28	8 54	8 25			n.a.
T 22	16 3	8 23	0 2	18 34	1 6	23 19	0 4	7 45	0 51	23 48	0 33	23 20	0 19	14 30	0 13	23 34	0 2	10 37	6 15	8 28	8 53	8 23			n.a.
F 23	15 45	12 14	1s11	18 56	0 47	23 15	0 8	8 2	0 52	23 48	0 33	23 21	0 19	14 31	0 13	23 34	0 2	10 37	6 15	8 28	8 52	8 21			n.a.
S 24	15 26	15 20	2 18	19 14	0 28	23 11	0 11	8 20	0 52	23 48	0 33	23 21	0 19	14 31	0 13	23 34	0 2	10 38	6 14	8 28	8 50	8 19			n.a.
S 25	15 7	17 33	3 16	19 30	0 10	23 5	0 14	8 37	0 53	23 48	0 33	23 21	0 19	14 32	0 13	23 34	0 2	10 38	6 14	8 28	8 49	8 17			n.a.
M26	14 48	18 50	4 3	19 42	0n 7	22 59	0 17	8 54	0 54	23 48	0 33	23 22	0 19	14 32	0 13	23 34	0 2	10 39	6 14	8 27	8 48	8 15			n.a.
T 27	14 29	19 10	4 37	19 50	0 23	22 53	0 20	9 11	0 54	23 48	0 33	23 22	0 19	14 32	0 13	23 34	0 2	10 39	6 13	8 25	8 47	8 14			n.a.
W28	14 9	18 36	4 58	19 55	0 37	22 45	0 23	9 28	0 55	23 48	0 33	23 22	0 19	14 33	0 13	23 34	0 2	10 40	6 13	8 22	8 46	8 12			n.a.
T 29	13 50	17 11	5 5	19 56	0 50	22 37	0 26	9 45	0 56	23 48	0 33	23 23	0 18	14 33	0 13	23 34	0 2	10 40	6 13	8 19	8 44	8 10			n.a.
F 30	13 29	15 2	4 58	19 54	1 2	22 28	0 29	10 2	0 56	23 48	0 33	23 23	0 18	14 34	0 13	23 34	0 2	10 41	6 12	8 15	8 43	8 8			n.a.
S 31	13n 9	12n16	4s39	19n48	1n13	22n19	0n32	10s19	0s57	23s48	0s33	23n23	0s18	14s35	0n13	23n33	0n 2	10s41	6n12	8s10	8s42	8n 6			n.a.

Julian Day Number = 1280778.5, Delta T = 08h08m21s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'37, Lahiri = -20°36'36 Julian Calendar 1 Aug. 1207 BCE == Greg. Calendar 21 July 1207 BCE

The year -1206 astronomical counting style corresponds to year 1207 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1207 BCE
geocentric

SEPTEMBER 1207 BCE (-1206) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 54 59	26♌43'10	26♌30	8♌56	24♋30	24♎40	17♐38	24♊ 1	9♏10	8♋57	15♏ 3	20°R25	21♎55	29♌19	n.a.	S 1
M 2	21 58 56	27°42'41	8♍19	10°11	25°43	25°24	17°39	24° 6	9°12	8°59	15° 4	20♎16	21°52	29°25	n.a.	M 2
T 3	22 2 52	28°42'14	20° 9	11°30	26°56	26° 7	17°40	24°11	9°13	9° 0	15° 4	20°10	21°49	29°32	n.a.	T 3
W 4	22 6 49	29°41'49	2♎ 1	12°54	28° 9	26°51	17°42	24°15	9°15	9° 2	15° 5	20° 6	21°46	29°39	n.a.	W 4
T 5	22 10 45	0♍41'26	13°58	14°22	29°22	27°35	17°44	24°20	9°17	9° 3	15° 6	20° 4	21°43	29°46	n.a.	T 5
F 6	22 14 42	1°41'05	26° 3	15°53	0♌36	28°19	17°46	24°25	9°19	9° 5	15° 7	20°D 4	21°40	29°52	n.a.	F 6
S 7	22 18 38	2°40'47	8♏20	17°27	1°49	29° 3	17°49	24°29	9°21	9° 6	15° 8	20° 5	21°36	29°59	n.a.	S 7
S 8	22 22 35	3°40'30	20°54	19° 3	3° 3	29°47	17°51	24°33	9°23	9° 8	15° 9	20° 6	21°33	0♍ 6	n.a.	S 8
M 9	22 26 31	4°40'15	3♐47	20°41	4°16	0♏31	17°54	24°37	9°25	9° 9	15°10	20°R 7	21°30	0°12	n.a.	M 9
T 10	22 30 28	5°40'02	17° 6	22°20	5°30	1°16	17°57	24°42	9°27	9°11	15°11	20° 6	21°27	0°19	n.a.	T 10
W11	22 34 24	6°39'50	0♑52	24° 0	6°44	2° 0	18° 0	24°46	9°29	9°12	15°12	20° 4	21°24	0°26	n.a.	W11
T 12	22 38 21	7°39'41	15° 6	25°41	7°57	2°44	18° 3	24°50	9°31	9°13	15°13	19°59	21°21	0°32	n.a.	T 12
F 13	22 42 18	8°39'33	29°46	27°22	9°11	3°29	18° 7	24°53	9°33	9°15	15°14	19°54	21°17	0°39	n.a.	F 13
S 14	22 46 14	9°39'27	14♒48	29° 4	10°25	4°13	18°10	24°57	9°35	9°16	15°15	19°48	21°14	0°46	n.a.	S 14
S 15	22 50 11	10°39'23	0♓ 3	0♍46	11°39	4°58	18°14	25° 1	9°37	9°17	15°16	19°42	21°11	0°52	n.a.	S 15
M16	22 54 7	11°39'21	15°19	2°28	12°53	5°43	18°18	25° 5	9°40	9°18	15°18	19°37	21° 8	0°59	n.a.	M16
T 17	22 58 4	12°39'22	0♈28	4°10	14° 7	6°27	18°22	25° 8	9°42	9°20	15°19	19°34	21° 5	1° 6	n.a.	T 17
W18	23 2 0	13°39'24	15°19	5°52	15°21	7°12	18°27	25°11	9°45	9°21	15°20	19°D32	21° 1	1°13	n.a.	W18
T 19	23 5 57	14°39'28	29°46	7°33	16°36	7°57	18°31	25°15	9°47	9°22	15°21	19°33	20°58	1°19	n.a.	T 19
F 20	23 9 53	15°39'35	13♉45	9°14	17°50	8°42	18°36	25°18	9°49	9°23	15°23	19°34	20°55	1°26	n.a.	F 20
S 21	23 13 50	16°39'44	27°17	10°55	19° 4	9°27	18°41	25°21	9°52	9°24	15°24	19°36	20°52	1°33	n.a.	S 21
S 22	23 17 46	17°39'55	10♊23	12°36	20°18	10°12	18°46	25°24	9°54	9°25	15°25	19°37	20°49	1°39	n.a.	S 22
M23	23 21 43	18°40'09	23° 7	14°16	21°33	10°57	18°51	25°27	9°57	9°26	15°27	19°R37	20°46	1°46	n.a.	M23
T 24	23 25 40	19°40'25	5♋32	15°56	22°47	11°42	18°57	25°30	10° 0	9°27	15°28	19°36	20°42	1°53	n.a.	T 24
W25	23 29 36	20°40'43	17°42	17°35	24° 2	12°27	19° 3	25°32	10° 2	9°28	15°30	19°33	20°39	1°59	n.a.	W25
T 26	23 33 33	21°41'03	29°43	19°14	25°16	13°13	19° 8	25°35	10° 5	9°29	15°31	19°29	20°36	2° 6	n.a.	T 26
F 27	23 37 29	22°41'25	11♌37	20°53	26°31	13°58	19°14	25°37	10° 8	9°30	15°33	19°25	20°33	2°13	n.a.	F 27
S 28	23 41 26	23°41'49	23°28	22°31	27°46	14°44	19°20	25°40	10°10	9°31	15°34	19°20	20°30	2°19	n.a.	S 28
S 29	23 45 22	24°42'15	5♍17	24° 8	29° 0	15°29	19°27	25°42	10°13	9°32	15°36	19°15	20°26	2°26	n.a.	S 29
M30	23 49 19	25♍42'43	17♍ 9	25♍46	0♍15	16♏15	19♐33	25♊44	10♏16	9♋33	15♏37	19♎12	20♎23	2♍33	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n49	9n 1	4s 7	19n39	1n23	22n 9	0n35	10s36	0s58	23s48	0s33	23n24	0s18	14s35	0n13	23n33	0n 2	10s42	6n12	8s 6	8s41	8n 4		n.a.
M 2	12 28	5 25	3 25	19 26	1 31	21 58	0 37	10 53	0 58	23 48	0 33	23 24	0 18	14 36	0 13	23 33	0 2	10 42	6 12	8 3	8 40	8 3		n.a.
T 3	12 7	1 37	2 34	19 11	1 38	21 46	0 40	11 10	0 59	23 49	0 34	23 24	0 18	14 36	0 13	23 33	0 2	10 43	6 11	8 0	8 38	8 1		n.a.
W 4	11 46	2s17	1 36	18 52	1 44	21 34	0 43	11 26	0 59	23 49	0 34	23 24	0 18	14 37	0 13	23 33	0 2	10 43	6 11	7 59	8 37	7 59		n.a.
T 5	11 25	6 6	0 33	18 31	1 48	21 22	0 45	11 43	1 0	23 49	0 34	23 25	0 18	14 37	0 13	23 33	0 2	10 44	6 11	7 58	8 36	7 57		n.a.
F 6	11 3	9 43	0n32	18 7	1 52	21 8	0 48	12 0	1 1	23 49	0 34	23 25	0 18	14 38	0 13	23 33	0 2	10 44	6 10	7 58	8 35	7 55		n.a.
S 7	10 41	12 59	1 37	17 41	1 55	20 54	0 50	12 16	1 1	23 49	0 34	23 25	0 18	14 39	0 13	23 33	0 2	10 45	6 10	7 58	8 33	7 53		n.a.
S 8	10 19	15 43	2 39	17 12	1 57	20 39	0 53	12 32	1 2	23 50	0 34	23 25	0 18	14 39	0 13	23 33	0 2	10 45	6 10	7 59	8 32	7 52		n.a.
M 9	9 57	17 45	3 35	16 42	1 58	20 24	0 55	12 49	1 2	23 50	0 34	23 26	0 18	14 40	0 13	23 33	0 2	10 46	6 10	7 59	8 31	7 50		n.a.
T 10	9 35	18 53	4 20	16 9	1 58	20 8	0 58	13 5	1 3	23 50	0 34	23 26	0 18	14 41	0 13	23 33	0 2	10 46	6 9	7 59	8 30	7 48		n.a.
W11	9 13	18 57	4 53	15 35	1 58	19 52	1 0	13 21	1 3	23 51	0 34	23 26	0 18	14 41	0 13	23 32	0 2	10 47	6 9	7 58	8 29	7 46		n.a.
T 12	8 50	17 51	5 9	15 0	1 57	19 35	1 2	13 37	1 4	23 51	0 34	23 26	0 18	14 42	0 13	23 32	0 2	10 48	6 9	7 56	8 27	7 44		n.a.
F 13	8 27	15 34	5 5	14 23	1 55	19 17	1 4	13 53	1 4	23 51	0 34	23 27	0 17	14 43	0 13	23 32	0 2	10 48	6 8	7 54	8 26	7 42		n.a.
S 14	8 5	12 11	4 41	13 45	1 53	18 59	1 6	14 9	1 5	23 52	0 34	23 27	0 17	14 44	0 13	23 32	0 2	10 49	6 8	7 52	8 25	7 40		n.a.
S 15	7 42	7 57	3 57	13 5	1 50	18 40	1 8	14 25	1 5	23 52	0 34	23 27	0 17	14 44	0 13	23 32	0 2	10 49	6 8	7 50	8 24	7 39		n.a.
M16	7 18	3 11	2 56	12 25	1 47	18 21	1 10	14 41	1 6	23 52	0 34	23 27	0 17	14 45	0 13	23 32	0 2	10 50	6 8	7 48	8 23	7 37		n.a.
T 17	6 55	1n45	1 42	11 44	1 43	18 1	1 12	14 56	1 6	23 53	0 34	23 27	0 17	14 46	0 13	23 32	0 2	10 51	6 7	7 47	8 21	7 35		n.a.
W18	6 32	6 29	0 23	11 3	1 39	17 40	1 14	15 12	1 7	23 53	0 34	23 28	0 17	14 47	0 12	23 32	0 2	10 51	6 7	7 46	8 20	7 33		n.a.
T 19	6 8	10 42	0s56	10 20	1 35	17 19	1 15	15 27	1 7	23 54	0 34	23 28	0 17	14 47	0 12	23 32	0 2	10 52	6 7	7 46	8 19	7 31		n.a.
F 20	5 45	14 11	2 9	9 37	1 30	16 58	1 17	15 42	1 8	23 54	0 34	23 28	0 17	14 48	0 12	23 32	0 2	10 53	6 6	7 47	8 18	7 29		n.a.
S 21	5 21	16 46	3 12	8 54	1 25	16 36	1 19	15 57	1 8	23 55	0 34	23 28	0 17	14 49	0 12	23 32	0 2	10 53	6 6	7 47	8 17	7 27		n.a.
S 22	4 57	18 22	4 3	8 10	1 20	16 13	1 20	16 12	1 9	23 55	0 34	23 28	0 17	14 50	0 12	23 32	0 2	10 54	6 6	7 48	8 15	7 26		n.a.
M23	4 33	18 59	4 41	7 26	1 15	15 50	1 22	16 27	1 9	23 55	0 34	23 29	0 17	14 51	0 12	23 32	0 2	10 54	6 6	7 48	8 14	7 24		n.a.
T 24	4 9	18 39	5 4	6 42	1 9	15 27	1 23	16 42	1 9	23 56	0 34	23 29	0 17	14 51	0 12	23 32	0 2	10 55	6 5	7 47	8 13	7 22		n.a.
W25	3 45	17 28	5 13	5 57	1 3	15 3	1 24	16 56	1 10	23 56	0 34	23 29	0 17	14 52	0 12	23 31	0 2	10 56	6 5	7 46	8 12	7 20		n.a.
T 26	3 21	15 31	5 8	5 12	0 58	14 39	1 26	17 11	1 10	23 57	0 34	23 29	0 17	14 53	0 12	23 31	0 2	10 56	6 5	7 45	8 10	7 18		n.a.
F 27	2 57	12 56	4 50	4 28	0 52	14 14	1 27	17 25	1 11	23 57	0 34	23 29	0 17	14 54	0 12	23 31	0 2	10 57	6 5	7 43	8 9	7 16		n.a.
S 28	2 33	9 50	4 20	3 43	0 45	13 49	1 28	17 39	1 11	23 58	0 34	23 29	0 16	14 55	0 12	23 31	0 2	10 58	6 4	7 41	8 8	7 14		n.a.
S 29	2 8	6 21	3 38	2 58	0 39	13 24	1 29	17 53	1 11	23 59	0 34	23 29	0 16	14 56	0 12	23 31	0 2	10 58	6 4	7 40	8 7	7 13		n.a.
M30	1n44	2n36	2s47	2n13	0n33	12n58	1n30	18s 7	1s12	23s59	0s34	23n30	0s16	14s57	0n12	23n31	0n 2	10s59	6n 4	7s38	8s 6	7n11		n.a.

Julian Day Number = 1280809.5, Delta T = 08h08m19s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'33, Lahiri = -20°36'32 Julian Calendar 1 Sept. 1207 BCE == Greg. Calendar 21 Aug. 1207 BCE

The year -1206 astronomical counting style corresponds to year 1207 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1207 BCE
geocentric

OCTOBER 1207 BCE (-1206) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 53 15	26♍43'13	29♍ 3	27♍23	1♍30	17♏ 0	19♐40	25♊46	10♏19	9♋34	15♏39	19°R 9	20♎20	2♍39	n.a.	T 1
W 2	23 57 12	27°43'44	11♎ 3	28°59	2°45	17°46	19°47	25°48	10°22	9°34	15°40	19♎ 8	20°17	2°46	n.a.	W 2
T 3	0 1 9	28°44'17	23°10	0♎35	4° 0	18°31	19°54	25°50	10°25	9°35	15°42	19°D 8	20°14	2°53	n.a.	T 3
F 4	0 5 5	29°44'52	5♏26	2°11	5°15	19°17	20° 1	25°52	10°28	9°36	15°44	19° 8	20°11	3° 0	n.a.	F 4
S 5	0 9 2	0♎45'29	17°53	3°46	6°29	20° 3	20° 8	25°53	10°31	9°36	15°45	19°10	20° 7	3° 6	n.a.	S 5
S 6	0 12 58	1°46'07	0♐35	5°22	7°44	20°49	20°15	25°55	10°34	9°37	15°47	19°11	20° 4	3°13	n.a.	S 6
M 7	0 16 55	2°46'46	13°32	6°56	8°59	21°35	20°23	25°56	10°37	9°38	15°49	19°12	20° 1	3°20	n.a.	M 7
T 8	0 20 51	3°47'27	26°49	8°31	10°14	22°21	20°31	25°58	10°40	9°38	15°50	19°13	19°58	3°26	n.a.	T 8
W 9	0 24 48	4°48'09	10♑27	10° 5	11°29	23° 7	20°39	25°59	10°43	9°39	15°52	19°R13	19°55	3°33	n.a.	W 9
T 10	0 28 44	5°48'52	24°27	11°39	12°45	23°53	20°47	26° 0	10°46	9°39	15°54	19°13	19°52	3°40	n.a.	T 10
F 11	0 32 41	6°49'37	8♒49	13°13	14° 0	24°39	20°55	26° 1	10°49	9°40	15°56	19°11	19°48	3°46	n.a.	F 11
S 12	0 36 38	7°50'23	23°30	14°46	15°15	25°25	21° 3	26° 2	10°52	9°40	15°57	19°10	19°45	3°53	n.a.	S 12
S 13	0 40 34	8°51'09	8♓24	16°20	16°30	26°11	21°11	26° 2	10°56	9°40	15°59	19° 9	19°42	4° 0	n.a.	S 13
M14	0 44 31	9°51'58	23°24	17°53	17°45	26°57	21°20	26° 3	10°59	9°41	16° 1	19° 8	19°39	4° 6	n.a.	M14
T 15	0 48 27	10°52'47	8♈23	19°25	19° 0	27°43	21°29	26° 3	11° 2	9°41	16° 3	19° 7	19°36	4°13	n.a.	T 15
W16	0 52 24	11°53'38	23°10	20°58	20°16	28°30	21°38	26° 4	11° 5	9°41	16° 5	19°D 7	19°32	4°20	n.a.	W16
T 17	0 56 20	12°54'30	7♉40	22°31	21°31	29°16	21°47	26° 4	11° 9	9°42	16° 7	19° 7	19°29	4°26	n.a.	T 17
F 18	1 0 17	13°55'24	21°46	24° 3	22°46	0♐ 2	21°56	26° 4	11°12	9°42	16° 9	19° 8	19°26	4°33	n.a.	F 18
S 19	1 4 13	14°56'19	5♊27	25°35	24° 1	0°48	22° 5	26°R 4	11°15	9°42	16°11	19° 8	19°23	4°40	n.a.	S 19
S 20	1 8 10	15°57'16	18°41	27° 7	25°17	1°35	22°14	26° 4	11°19	9°42	16°13	19° 9	19°20	4°47	n.a.	S 20
M21	1 12 7	16°58'15	1♋32	28°39	26°32	2°21	22°24	26° 4	11°22	9°42	16°15	19° 9	19°17	4°53	n.a.	M21
T 22	1 16 3	17°59'15	14° 1	0♏11	27°47	3° 8	22°34	26° 4	11°25	9°42	16°17	19° 9	19°13	5° 0	n.a.	T 22
W23	1 20 0	19° 0'16	26°13	1°42	29° 3	3°54	22°43	26° 3	11°29	9°42	16°19	19° 9	19°10	5° 7	n.a.	W23
T 24	1 23 56	20° 1'18	8♌13	3°13	0♎18	4°41	22°53	26° 3	11°32	9°R42	16°21	19° 9	19° 7	5°13	n.a.	T 24
F 25	1 27 53	21° 2'22	20° 6	4°44	1°34	5°27	23° 3	26° 2	11°36	9°42	16°23	19° 9	19° 4	5°20	n.a.	F 25
S 26	1 31 49	22° 3'27	1♍55	6°15	2°49	6°14	23°13	26° 1	11°39	9°42	16°25	19° 9	19° 1	5°27	n.a.	S 26
S 27	1 35 46	23° 4'34	13°45	7°45	4° 4	7° 0	23°24	26° 1	11°43	9°42	16°27	19°10	18°57	5°33	n.a.	S 27
M28	1 39 42	24° 5'41	25°40	9°15	5°20	7°47	23°34	26° 0	11°46	9°42	16°29	19°10	18°54	5°40	n.a.	M28
T 29	1 43 39	25° 6'50	7♎41	10°45	6°35	8°34	23°44	25°59	11°50	9°42	16°31	19°11	18°51	5°47	n.a.	T 29
W30	1 47 35	26° 7'59	19°52	12°14	7°51	9°20	23°55	25°57	11°53	9°42	16°33	19°R11	18°48	5°53	n.a.	W30
T 31	1 51 32	27♎ 9'10	2♏13	13♏43	9♎ 6	10♐ 7	24♐ 6	25♊56	11♏57	9♋42	16♏35	19♎11	18♎45	6♍ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat	
T 1	1n19	1s16	1s48	1n28	0n26	12n31	1n31	18s20	1s12	24s 0	0s34	23n30	0s16	14s58	0n12	23n31	0n 2	11s 0	6n 4	7s37		8s 4		7n 9				n.a.
W 2	0 55	5 7	0 44	0 43	0 20	12 5	1 31	18 34	1 12	24 0	0 34	23 30	0 16	14 59	0 12	23 31	0 2	11 0	6 3	7 37		8 3		7 7				n.a.
T 3	0 31	8 48	0n22	0s 2	0 14	11 38	1 32	18 47	1 13	24 1	0 34	23 30	0 16	15 0	0 12	23 31	0 2	11 1	6 3	7 37		8 2		7 5				n.a.
F 4	0 6	12 9	1 29	0 46	0 7	11 11	1 33	19 0	1 13	24 1	0 34	23 30	0 16	15 1	0 12	23 31	0 2	11 2	6 3	7 37		8 1		7 3				n.a.
S 5	0s18	15 0	2 33	1 31	0 1	10 43	1 33	19 13	1 13	24 2	0 34	23 30	0 16	15 2	0 12	23 31	0 2	11 3	6 3	7 37		8 0		7 1				n.a.
S 6	0 43	17 11	3 30	2 15	0s 6	10 15	1 34	19 26	1 14	24 2	0 34	23 30	0 16	15 3	0 12	23 31	0 2	11 3	6 2	7 38		7 58		7 0				n.a.
M 7	1 7	18 32	4 18	2 59	0 12	9 47	1 34	19 39	1 14	24 3	0 34	23 30	0 16	15 4	0 12	23 31	0 2	11 4	6 2	7 38		7 57		6 58				n.a.
T 8	1 32	18 55	4 53	3 43	0 19	9 18	1 34	19 51	1 14	24 4	0 34	23 31	0 16	15 5	0 12	23 31	0 2	11 5	6 2	7 39		7 56		6 56				n.a.
W 9	1 56	18 13	5 13	4 27	0 25	8 50	1 35	20 3	1 14	24 4	0 34	23 31	0 16	15 6	0 12	23 31	0 2	11 5	6 2	7 39		7 55		6 54				n.a.
T 10	2 21	16 24	5 16	5 10	0 32	8 21	1 35	20 15	1 15	24 5	0 34	23 31	0 16	15 7	0 12	23 31	0 2	11 6	6 2	7 38		7 53		6 52				n.a.
F 11	2 45	13 33	4 59	5 53	0 38	7 51	1 35	20 27	1 15	24 5	0 34	23 31	0 16	15 8	0 12	23 31	0 2	11 7	6 1	7 38		7 52		6 50				n.a.
S 12	3 10	9 47	4 22	6 36	0 45	7 22	1 35	20 39	1 15	24 6	0 34	23 31	0 15	15 9	0 12	23 31	0 2	11 8	6 1	7 37		7 51		6 48				n.a.
S 13	3 34	5 21	3 27	7 18	0 51	6 52	1 35	20 50	1 15	24 7	0 34	23 31	0 15	15 10	0 12	23 31	0 2	11 8	6 1	7 37		7 50		6 47				n.a.
M14	3 58	0 33	2 18	8 0	0 57	6 22	1 35	21 1	1 16	24 7	0 34	23 31	0 15	15 11	0 12	23 31	0 2	11 9	6 1	7 37		7 49		6 45				n.a.
T 15	4 22	4n17	0 59	8 41	1 3	5 52	1 35	21 12	1 16	24 8	0 34	23 31	0 15	15 12	0 12	23 31	0 2	11 10	6 0	7 36		7 47		6 43				n.a.
W16	4 47	8 48	0s23	9 23	1 9	5 22	1 34	21 23	1 16	24 8	0 34	23 31	0 15	15 13	0 12	23 31	0 2	11 11	6 0	7 36		7 46		6 41				n.a.
T 17	5 11	12 42	1 41	10 3	1 15	4 51	1 34	21 34	1 16	24 9	0 34	23 31	0 15	15 14	0 12	23 31	0 2	11 11	6 0	7 36		7 45		6 39				n.a.
F 18	5 35	15 45	2 52	10 43	1 20	4 21	1 34	21 44	1 16	24 10	0 35	23 32	0 15	15 15	0 12	23 31	0 2	11 12	6 0	7 37		7 44		6 37				n.a.
S 19	5 59	17 48	3 50	11 23	1 26	3 50	1 33	21 54	1 17	24 10	0 35	23 32	0 15	15 16	0 12	23 31	0 2	11 13	6 0	7 37		7 42		6 35				n.a.
S 20	6 23	18 47	4 34	12 2	1 31	3 19	1 33	22 4	1 17	24 11	0 35	23 32	0 15	15 17	0 12	23 31	0 2	11 13	5 59	7 37		7 41		6 33				n.a.
M21	6 46	18 47	5 3	12 40	1 36	2 48	1 32	22 14	1 17	24 11	0 35	23 32	0 15	15 18	0 12	23 31	0 2	11 14	5 59	7 37		7 40		6 32				n.a.
T 22	7 10	17 50	5 17	13 18	1 41	2 17	1 31	22 23	1 17	24 12	0 35	23 32	0 15	15 19	0 12	23 31	0 2	11 15	5 59	7 37		7 39		6 30				n.a.
W23	7 34	16 6	5 15	13 55	1 46	1 46	1 31	22 33	1 17	24 13	0 35	23 32	0 15	15 20	0 12	23 31	0 2	11 16	5 59	7 37		7 38		6 28				n.a.
T 24	7 57	13 40	5 1	14 31	1 51	1 15	1 30	22 41	1 17	24 13	0 35	23 32	0 15	15 21	0 12	23 31	0 2	11 16	5 59	7 37		7 36		6 26				n.a.
F 25	8 21	10 43	4 33	15 7	1 55	0 44	1 29	22 50	1 17	24 14	0 35	23 32	0 15	15 22	0 12	23 31	0 2	11 17	5 59	7 37		7 35		6 24				n.a.
S 26	8 44	7 20	3 54	15 41	1 59	0 12	1 28	22 59	1 18	24 14	0 35	23 32	0 14	15 24	0 12	23 31	0 2	11 18	5 58	7 37		7 34		6 22				n.a.
S 27	9 7	3 40	3 4	16 15	2 3	0s19	1 27	23 7	1 18	24 15	0 35	23 32	0 14	15 25	0 12	23 31	0 2	11 19	5 58	7 37		7 33		6 20				n.a.
M28	9 30	0s11	2 7	16 48	2 6	0 50	1 26	23 15	1 18	24 15	0 35	23 32	0 14	15 26	0 12	23 31	0 2	11 19	5 58	7 38		7 31		6 19				n.a.
T 29	9 53	4 4	1 3	17 20	2 9	1 22	1 25	23 23	1 18	24 16	0 35	23 32	0 14	15 27	0 12	23 31	0 2	11 20	5 58	7 38		7 30		6 17				n.a.
W30	10 15	7 50	0n 4	17 51	2 12	1 53	1 24	23 30	1 18	24 16	0 35	23 32	0 14	15 28	0 12	23 31	0 2	11 21	5 58	7 38		7 29		6 15				n.a.
T 31	10s38	11s19	1n12	18s21	2s14	2s24	1n22	23s37	1s18	24s17	0s35	23n32	0s14	15s29	0n12	23n31	0n 3	11s22	5n58	7s38		7s28		6n13				n.a.

Julian Day Number = 1280839.5, Delta T = 08h08m18s
Ecliptic obliquity = 23°50'09, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'28, Lahiri = -20°36'28 Julian Calendar 1 Oct. 1207 BCE == Greg. Calendar 20 Sept. 1207 BCE

The year -1206 astronomical counting style corresponds to year 1207 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1207 BCE
geocentric

NOVEMBER 1207 BCE (-1206) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 55 29	28♎10'21	14♏47	15♏10	10♎22	10♐54	24♐16	25°R55	12♏ 0	9°R41	16♏37	19°R10	18♎42	6♍ 7	n.a.	F 1
S 2	1 59 25	29°11'33	27°34	16°37	11°37	11°41	24°27	25♊53	12° 4	9♋41	16°39	19♎ 9	18°38	6°13	n.a.	S 2
S 3	2 3 22	0♏12'46	10♐33	18° 3	12°53	12°27	24°38	25°51	12° 8	9°41	16°41	19° 7	18°35	6°20	n.a.	S 3
M 4	2 7 18	1°13'59	23°47	19°28	14° 8	13°14	24°49	25°50	12°11	9°40	16°43	19° 6	18°32	6°27	n.a.	M 4
T 5	2 11 15	2°15'13	7♑14	20°51	15°24	14° 1	25° 1	25°48	12°15	9°40	16°46	19° 4	18°29	6°33	n.a.	T 5
W 6	2 15 11	3°16'27	20°55	22°13	16°39	14°48	25°12	25°46	12°18	9°39	16°48	19° 3	18°26	6°40	n.a.	W 6
T 7	2 19 8	4°17'42	4♒49	23°33	17°55	15°35	25°23	25°44	12°22	9°39	16°50	19°D 3	18°23	6°47	n.a.	T 7
F 8	2 23 5	5°18'56	18°57	24°51	19°10	16°22	25°35	25°42	12°26	9°38	16°52	19° 3	18°19	6°53	n.a.	F 8
S 9	2 27 1	6°20'11	3♓15	26° 6	20°26	17° 8	25°47	25°39	12°29	9°38	16°54	19° 4	18°16	7° 0	n.a.	S 9
S 10	2 30 58	7°21'26	17°43	27°18	21°41	17°55	25°58	25°37	12°33	9°37	16°56	19° 6	18°13	7° 7	n.a.	S 10
M11	2 34 54	8°22'41	2♈15	28°26	22°57	18°42	26°10	25°35	12°37	9°37	16°59	19° 7	18°10	7°13	n.a.	M11
T 12	2 38 51	9°23'56	16°48	29°31	24°12	19°29	26°22	25°32	12°40	9°36	17° 1	19°R 7	18° 7	7°20	n.a.	T 12
W13	2 42 47	10°25'12	1♉15	0♐30	25°28	20°16	26°34	25°29	12°44	9°35	17° 3	19° 7	18° 3	7°27	n.a.	W13
T 14	2 46 44	11°26'28	15°31	1°24	26°43	21° 3	26°46	25°27	12°47	9°35	17° 5	19° 5	18° 0	7°34	n.a.	T 14
F 15	2 50 40	12°27'44	29°31	2°12	27°59	21°50	26°58	25°24	12°51	9°34	17° 7	19° 3	17°57	7°40	n.a.	F 15
S 16	2 54 37	13°29'00	13♊10	2°53	29°14	22°37	27°10	25°21	12°55	9°33	17°10	18°59	17°54	7°47	n.a.	S 16
S 17	2 58 34	14°30'17	26°27	3°26	0♏30	23°24	27°22	25°18	12°58	9°33	17°12	18°55	17°51	7°54	n.a.	S 17
M18	3 2 30	15°31'34	9♋22	3°50	1°45	24°10	27°35	25°15	13° 2	9°32	17°14	18°51	17°48	8° 0	n.a.	M18
T 19	3 6 27	16°32'52	21°56	4° 4	3° 1	24°57	27°47	25°11	13° 6	9°31	17°16	18°47	17°44	8° 7	n.a.	T 19
W20	3 10 23	17°34'10	4♌11	4°R 8	4°16	25°44	28° 0	25° 8	13° 9	9°30	17°18	18°45	17°41	8°14	n.a.	W20
T 21	3 14 20	18°35'28	16°14	4° 0	5°32	26°31	28°12	25° 5	13°13	9°29	17°21	18°D44	17°38	8°20	n.a.	T 21
F 22	3 18 16	19°36'47	28° 7	3°41	6°47	27°18	28°25	25° 1	13°17	9°28	17°23	18°45	17°35	8°27	n.a.	F 22
S 23	3 22 13	20°38'05	9♍56	3° 9	8° 3	28° 5	28°38	24°58	13°20	9°27	17°25	18°46	17°32	8°34	n.a.	S 23
S 24	3 26 9	21°39'24	21°46	2°27	9°18	28°52	28°51	24°54	13°24	9°26	17°27	18°48	17°29	8°40	n.a.	S 24
M25	3 30 6	22°40'43	3♎43	1°33	10°34	29°39	29° 3	24°50	13°27	9°25	17°29	18°49	17°25	8°47	n.a.	M25
T 26	3 34 3	23°42'02	15°49	0°30	11°49	0♑26	29°16	24°47	13°31	9°24	17°31	18°R50	17°22	8°54	n.a.	T 26
W27	3 37 59	24°43'20	28° 9	29♏19	13° 5	1°13	29°29	24°43	13°35	9°23	17°34	18°50	17°19	9° 0	n.a.	W27
T 28	3 41 56	25°44'39	10♏45	28° 2	14°20	2° 0	29°42	24°39	13°38	9°22	17°36	18°48	17°16	9° 7	n.a.	T 28
F 29	3 45 52	26°45'58	23°39	26°42	15°36	2°47	29°56	24°35	13°42	9°21	17°38	18°44	17°13	9°14	n.a.	F 29
S 30	3 49 49	27♏47'16	6♐49	25♏22	16♏51	3♑34	0♑ 9	24♊31	13♏45	9♋20	17♏40	18♎38	17♎ 9	9♍20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s 0	14s21	2n17	18s49	2s16	2s56	1n21	23s44	1s18	24s17	0s35	23n32	0s14	15s30	0n12	23n31	0n 3	11s22	5n57	7s37	7s27	6n11		n.a.
S 2	11 22	16 44	3 17	19 16	2 17	3 27	1 20	23 51	1 18	24 18	0 35	23 32	0 14	15 31	0 12	23 31	0 3	11 23	5 57	7 37	7 25	6 9		n.a.
S 3	11 44	18 19	4 8	19 42	2 18	3 58	1 18	23 57	1 18	24 18	0 35	23 32	0 14	15 32	0 12	23 31	0 3	11 24	5 57	7 36	7 24	6 7		n.a.
M 4	12 6	18 55	4 46	20 7	2 19	4 29	1 17	24 3	1 18	24 19	0 35	23 32	0 14	15 34	0 12	23 31	0 3	11 25	5 57	7 36	7 23	6 5		n.a.
T 5	12 27	18 29	5 10	20 29	2 19	5 0	1 15	24 9	1 18	24 19	0 35	23 32	0 14	15 35	0 12	23 31	0 3	11 25	5 57	7 35	7 22	6 4		n.a.
W 6	12 49	16 58	5 16	20 51	2 18	5 31	1 14	24 15	1 18	24 20	0 35	23 32	0 14	15 36	0 12	23 31	0 3	11 26	5 57	7 35	7 20	6 2		n.a.
T 7	13 10	14 27	5 5	21 10	2 16	6 2	1 12	24 20	1 18	24 20	0 35	23 33	0 13	15 37	0 12	23 31	0 3	11 27	5 56	7 35	7 19	6 0		n.a.
F 8	13 31	11 3	4 35	21 28	2 14	6 32	1 11	24 25	1 18	24 21	0 35	23 33	0 13	15 38	0 12	23 31	0 3	11 28	5 56	7 35	7 18	5 58		n.a.
S 9	13 51	6 57	3 47	21 43	2 11	7 3	1 9	24 30	1 18	24 21	0 35	23 33	0 13	15 39	0 12	23 31	0 3	11 28	5 56	7 35	7 17	5 56		n.a.
S 10	14 12	2 24	2 45	21 57	2 7	7 33	1 7	24 34	1 18	24 22	0 35	23 33	0 13	15 40	0 12	23 31	0 3	11 29	5 56	7 36	7 15	5 54		n.a.
M11	14 32	2n19	1 32	22 8	2 3	8 3	1 5	24 39	1 18	24 22	0 35	23 33	0 13	15 41	0 12	23 32	0 3	11 30	5 56	7 36	7 14	5 52		n.a.
T 12	14 52	6 54	0 13	22 17	1 57	8 33	1 3	24 42	1 18	24 22	0 35	23 33	0 13	15 43	0 12	23 32	0 3	11 31	5 56	7 36	7 13	5 50		n.a.
W13	15 11	11 4	1s 6	22 23	1 50	9 3	1 2	24 46	1 18	24 23	0 35	23 33	0 13	15 44	0 12	23 32	0 3	11 31	5 56	7 36	7 12	5 49		n.a.
T 14	15 31	14 31	2 21	22 27	1 42	9 33	1 0	24 49	1 18	24 23	0 35	23 33	0 13	15 45	0 12	23 32	0 3	11 32	5 56	7 36	7 11	5 47		n.a.
F 15	15 50	17 3	3 25	22 28	1 33	10 2	0 58	24 52	1 18	24 23	0 35	23 33	0 13	15 46	0 12	23 32	0 3	11 33	5 55	7 35	7 9	5 45		n.a.
S 16	16 9	18 32	4 15	22 26	1 22	10 31	0 56	24 55	1 18	24 24	0 35	23 33	0 13	15 47	0 12	23 32	0 3	11 33	5 55	7 33	7 8	5 43		n.a.
S 17	16 27	18 57	4 50	22 21	1 11	11 0	0 54	24 58	1 18	24 24	0 35	23 32	0 13	15 48	0 12	23 32	0 3	11 34	5 55	7 32	7 7	5 41		n.a.
M18	16 46	18 21	5 10	22 12	0 58	11 29	0 52	25 0	1 18	24 24	0 35	23 32	0 12	15 49	0 12	23 32	0 3	11 35	5 55	7 30	7 6	5 39		n.a.
T 19	17 4	16 52	5 14	22 1	0 43	11 57	0 49	25 2	1 18	24 25	0 36	23 32	0 12	15 51	0 12	23 32	0 3	11 36	5 55	7 29	7 4	5 37		n.a.
W20	17 21	14 38	5 3	21 46	0 27	12 25	0 47	25 3	1 17	24 25	0 36	23 32	0 12	15 52	0 12	23 32	0 3	11 36	5 55	7 28	7 3	5 35		n.a.
T 21	17 39	11 48	4 39	21 28	0 10	12 53	0 45	25 5	1 17	24 25	0 36	23 32	0 12	15 53	0 12	23 32	0 3	11 37	5 55	7 28	7 2	5 33		n.a.
F 22	17 56	8 32	4 3	21 6	0n 8	13 20	0 43	25 6	1 17	24 25	0 36	23 32	0 12	15 54	0 12	23 32	0 3	11 38	5 55	7 28	7 1	5 32		n.a.
S 23	18 12	4 56	3 17	20 41	0 27	13 47	0 41	25 6	1 17	24 25	0 36	23 32	0 12	15 55	0 12	23 32	0 3	11 38	5 55	7 28	6 59	5 30		n.a.
S 24	18 29	1 8	2 23	20 13	0 47	14 14	0 38	25 7	1 17	24 26	0 36	23 32	0 12	15 56	0 12	23 32	0 3	11 39	5 55	7 29	6 58	5 28		n.a.
M25	18 45	2s45	1 22	19 43	1 7	14 40	0 36	25 7	1 17	24 26	0 36	23 32	0 12	15 57	0 12	23 33	0 3	11 40	5 55	7 30	6 57	5 26		n.a.
T 26	19 0	6 35	0 17	19 10	1 27	15 6	0 34	25 7	1 17	24 26	0 36	23 32	0 12	15 58	0 12	23 33	0 3	11 40	5 54	7 30	6 56	5 24		n.a.
W27	19 16	10 12	0n51	18 36	1 47	15 31	0 32	25 6	1 17	24 26	0 36	23 32	0 12	15 59	0 12	23 33	0 3	11 41	5 54	7 30	6 55	5 22		n.a.
T 28	19 31	13 27	1 57	18 1	2 5	15 56	0 29	25 6	1 16	24 26	0 36	23 32	0 11	16 1	0 12	23 33	0 3	11 42	5 54	7 29	6 53	5 20		n.a.
F 29	19 45	16 7	2 58	17 27	2 22	16 21	0 27	25 5	1 16	24 26	0 36	23 32	0 11	16 2	0 12	23 33	0 3	11 42	5 54	7 27	6 52	5 18		n.a.
S 30	20s 0	18s 0	3n51	16s53	2n37	16s45	0n25	25s 3	1s16	24s26	0s36	23n32	0s11	16s 3	0n12	23n33	0n 3	11s43	5n54	7s25	6s51	5n17		n.a.

Julian Day Number = 1280870.5, Delta T = 08h08m16s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'24, Lahiri = -20°36'24 Julian Calendar 1 Nov. 1207 BCE == Greg. Calendar 21 Oct. 1207 BCE

The year -1206 astronomical counting style corresponds to year 1207 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1207 BCE
geocentric

DECEMBER 1207 BCE (-1206) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 53 45	28♏48'34	20♐15	24°R 3	18♏ 7	4♑21	0♑22	24°R27	13♏49	9°R19	17♏42	18°R31	17♎ 6	9♍27	n.a.	S 1
M 2	3 57 42	29°49'51	3♑54	22♏49	19°22	5° 7	0°35	24♊22	13°52	9♋17	17°45	18♎24	17° 3	9°34	n.a.	M 2
T 3	4 1 39	0♐51'08	17°44	21°42	20°38	5°54	0°49	24°18	13°56	9°16	17°47	18°17	17° 0	9°40	n.a.	T 3
W 4	4 5 35	1°52'24	1♒42	20°42	21°53	6°41	1° 2	24°14	13°59	9°15	17°49	18°12	16°57	9°47	n.a.	W 4
T 5	4 9 32	2°53'39	15°45	19°51	23° 9	7°28	1°15	24° 9	14° 3	9°14	17°51	18° 8	16°54	9°54	n.a.	T 5
F 6	4 13 28	3°54'53	29°51	19° 9	24°24	8°15	1°29	24° 5	14° 6	9°12	17°53	18°D 7	16°50	10° 0	n.a.	F 6
S 7	4 17 25	4°56'06	13♓58	18°37	25°39	9° 2	1°43	24° 1	14°10	9°11	17°55	18° 7	16°47	10° 7	n.a.	S 7
S 8	4 21 21	5°57'19	28° 6	18°15	26°55	9°49	1°56	23°56	14°13	9°10	17°57	18° 8	16°44	10°14	n.a.	S 8
M 9	4 25 18	6°58'30	12♈12	18° 2	28°10	10°36	2°10	23°51	14°17	9° 8	18° 0	18°R 9	16°41	10°20	n.a.	M 9
T 10	4 29 14	7°59'40	26°16	17°D58	29°25	11°22	2°24	23°47	14°20	9° 7	18° 2	18° 9	16°38	10°27	n.a.	T 10
W11	4 33 11	9° 0'49	10♉14	18° 3	0♐41	12° 9	2°37	23°42	14°24	9° 6	18° 4	18° 7	16°34	10°34	n.a.	W11
T 12	4 37 8	10° 1'58	24° 5	18°15	1°56	12°56	2°51	23°37	14°27	9° 4	18° 6	18° 2	16°31	10°40	n.a.	T 12
F 13	4 41 4	11° 3'05	7♊44	18°34	3°11	13°43	3° 5	23°33	14°30	9° 3	18° 8	17°55	16°28	10°47	n.a.	F 13
S 14	4 45 1	12° 4'12	21° 9	19° 0	4°27	14°29	3°19	23°28	14°34	9° 1	18°10	17°46	16°25	10°54	n.a.	S 14
S 15	4 48 57	13° 5'18	4♋18	19°32	5°42	15°16	3°33	23°23	14°37	9° 0	18°12	17°36	16°22	11° 0	n.a.	S 15
M16	4 52 54	14° 6'23	17° 8	20° 9	6°57	16° 3	3°47	23°18	14°40	8°58	18°14	17°25	16°19	11° 7	n.a.	M16
T 17	4 56 50	15° 7'27	29°41	20°51	8°13	16°49	4° 0	23°14	14°44	8°57	18°16	17°16	16°15	11°14	n.a.	T 17
W18	5 0 47	16° 8'30	11♌57	21°37	9°28	17°36	4°14	23° 9	14°47	8°55	18°18	17° 8	16°12	11°20	n.a.	W18
T 19	5 4 44	17° 9'32	23°59	22°27	10°43	18°23	4°29	23° 4	14°50	8°54	18°20	17° 3	16° 9	11°27	n.a.	T 19
F 20	5 8 40	18°10'33	5♍53	23°21	11°58	19° 9	4°43	22°59	14°53	8°52	18°22	17° 0	16° 6	11°34	n.a.	F 20
S 21	5 12 37	19°11'34	17°42	24°19	13°14	19°56	4°57	22°54	14°57	8°51	18°24	16°D59	16° 3	11°41	n.a.	S 21
S 22	5 16 33	20°12'33	29°32	25°19	14°29	20°42	5°11	22°49	15° 0	8°49	18°26	16°59	16° 0	11°47	n.a.	S 22
M23	5 20 30	21°13'32	11♎28	26°22	15°44	21°29	5°25	22°44	15° 3	8°48	18°28	17°R 0	15°56	11°54	n.a.	M23
T 24	5 24 26	22°14'30	23°36	27°27	16°59	22°15	5°39	22°39	15° 6	8°46	18°30	17° 0	15°53	12° 1	n.a.	T 24
W25	5 28 23	23°15'26	6♏ 0	28°35	18°14	23° 2	5°53	22°34	15° 9	8°44	18°32	16°58	15°50	12° 7	n.a.	W25
T 26	5 32 19	24°16'22	18°45	29°44	19°30	23°48	6° 7	22°29	15°12	8°43	18°33	16°54	15°47	12°14	n.a.	T 26
F 27	5 36 16	25°17'16	1♐52	0♐56	20°45	24°35	6°22	22°24	15°15	8°41	18°35	16°47	15°44	12°21	n.a.	F 27
S 28	5 40 13	26°18'09	15°21	2° 9	22° 0	25°21	6°36	22°20	15°18	8°40	18°37	16°37	15°40	12°27	n.a.	S 28
S 29	5 44 9	27°19'01	29°12	3°24	23°15	26° 8	6°50	22°15	15°21	8°38	18°39	16°26	15°37	12°34	n.a.	S 29
M30	5 48 6	28°19'52	13♑19	4°41	24°30	26°54	7° 5	22°10	15°24	8°36	18°41	16°14	15°34	12°41	n.a.	M30
T 31	5 52 2	29♐20'41	27♑38	5♐59	25♐45	27♑40	7♑19	22♊ 5	15♏27	8♋35	18♏43	16♎ 3	15♎31	12♍47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20s13	18s56	4n33	16s22	2n49	17s 9	0n22	25s 2	1s16	24s26	0s36	23n32	0s11	16s 4	0n12	23n33	0n 3	11s44	5n54	7s22	6s50	5n15			n.a.
M 2	20 27	18 47	5 0	15 53	3 0	17 33	0 20	25 0	1 16	24 26	0 36	23 32	0 11	16 5	0 12	23 33	0 3	11 44	5 54	7 20	6 48	5 13			n.a.
T 3	20 40	17 32	5 9	15 28	3 8	17 55	0 17	24 57	1 15	24 26	0 36	23 32	0 11	16 6	0 12	23 33	0 3	11 45	5 54	7 17	6 47	5 11			n.a.
W 4	20 53	15 13	5 1	15 7	3 14	18 18	0 15	24 55	1 15	24 26	0 36	23 32	0 11	16 7	0 12	23 33	0 3	11 46	5 54	7 15	6 46	5 9			n.a.
T 5	21 5	12 1	4 34	14 50	3 17	18 40	0 13	24 52	1 15	24 26	0 36	23 31	0 11	16 8	0 12	23 34	0 3	11 46	5 54	7 14	6 45	5 7			n.a.
F 6	21 17	8 7	3 51	14 37	3 19	19 1	0 10	24 49	1 15	24 26	0 36	23 31	0 11	16 9	0 12	23 34	0 3	11 47	5 54	7 13	6 43	5 5			n.a.
S 7	21 28	3 44	2 54	14 29	3 18	19 22	0 8	24 46	1 15	24 26	0 36	23 31	0 11	16 10	0 12	23 34	0 3	11 48	5 54	7 13	6 42	5 3			n.a.
S 8	21 39	0n51	1 46	14 25	3 16	19 42	0 5	24 42	1 14	24 26	0 36	23 31	0 10	16 11	0 12	23 34	0 3	11 48	5 54	7 14	6 41	5 1			n.a.
M 9	21 50	5 23	0 32	14 24	3 13	20 2	0 3	24 38	1 14	24 26	0 37	23 31	0 10	16 12	0 12	23 34	0 3	11 49	5 54	7 14	6 40	5 0			n.a.
T 10	22 0	9 38	0s44	14 28	3 8	20 21	0 1	24 34	1 14	24 25	0 37	23 31	0 10	16 13	0 12	23 34	0 3	11 49	5 54	7 14	6 38	4 58			n.a.
W11	22 10	13 18	1 56	14 34	3 2	20 40	0s 2	24 29	1 14	24 25	0 37	23 31	0 10	16 14	0 12	23 34	0 3	11 50	5 54	7 13	6 37	4 56			n.a.
T 12	22 19	16 11	3 1	14 44	2 56	20 58	0 4	24 25	1 13	24 25	0 37	23 31	0 10	16 15	0 12	23 34	0 3	11 51	5 54	7 11	6 36	4 54			n.a.
F 13	22 28	18 7	3 54	14 56	2 48	21 15	0 7	24 20	1 13	24 25	0 37	23 31	0 10	16 16	0 12	23 34	0 3	11 51	5 54	7 9	6 35	4 52			n.a.
S 14	22 37	18 59	4 33	15 11	2 41	21 32	0 9	24 14	1 13	24 24	0 37	23 30	0 10	16 17	0 12	23 34	0 3	11 52	5 54	7 5	6 33	4 50			n.a.
S 15	22 45	18 49	4 57	15 28	2 32	21 48	0 11	24 9	1 12	24 24	0 37	23 30	0 10	16 18	0 12	23 35	0 3	11 52	5 54	7 1	6 32	4 48			n.a.
M16	22 52	17 40	5 5	15 46	2 24	22 3	0 14	24 3	1 12	24 24	0 37	23 30	0 10	16 19	0 11	23 35	0 3	11 53	5 53	6 57	6 31	4 46			n.a.
T 17	22 59	15 42	4 58	16 6	2 15	22 18	0 16	23 57	1 12	24 23	0 37	23 30	0 10	16 20	0 11	23 35	0 3	11 54	5 53	6 53	6 30	4 44			n.a.
W18	23 6	13 3	4 37	16 27	2 6	22 32	0 18	23 50	1 12	24 23	0 37	23 30	0 9	16 21	0 11	23 35	0 3	11 54	5 53	6 50	6 29	4 43			n.a.
T 19	23 12	9 54	4 5	16 48	1 57	22 46	0 21	23 44	1 11	24 23	0 37	23 30	0 9	16 22	0 11	23 35	0 3	11 55	5 53	6 48	6 27	4 41			n.a.
F 20	23 18	6 23	3 22	17 11	1 48	22 59	0 23	23 37	1 11	24 22	0 37	23 30	0 9	16 23	0 11	23 35	0 3	11 55	5 53	6 47	6 26	4 39			n.a.
S 21	23 23	2 39	2 30	17 34	1 38	23 11	0 25	23 29	1 11	24 22	0 37	23 29	0 9	16 24	0 11	23 35	0 3	11 56	5 53	6 47	6 25	4 37			n.a.
S 22	23 28	1s13	1 32	17 58	1 29	23 22	0 27	23 22	1 10	24 21	0 37	23 29	0 9	16 25	0 11	23 35	0 3	11 56	5 53	6 47	6 24	4 35			n.a.
M23	23 32	5 4	0 30	18 22	1 20	23 33	0 30	23 14	1 10	24 21	0 37	23 29	0 9	16 26	0 11	23 36	0 3	11 57	5 53	6 47	6 22	4 33			n.a.
T 24	23 36	8 46	0n35	18 46	1 10	23 43	0 32	23 6	1 10	24 20	0 38	23 29	0 9	16 27	0 11	23 36	0 3	11 57	5 53	6 47	6 21	4 31			n.a.
W25	23 40	12 11	1 40	19 11	1 1	23 52	0 34	22 58	1 9	24 20	0 38	23 29	0 9	16 28	0 11	23 36	0 3	11 58	5 53	6 46	6 20	4 29			n.a.
T 26	23 43	15 7	2 41	19 35	0 52	24 1	0 36	22 50	1 9	24 19	0 38	23 29	0 9	16 29	0 11	23 36	0 3	11 58	5 53	6 45	6 19	4 27			n.a.
F 27	23 45	17 22	3 35	19 59	0 43	24 9	0 38	22 41	1 9	24 18	0 38	23 28	0 8	16 30	0 11	23 36	0 3	11 59	5 53	6 42	6 17	4 26			n.a.
S 28	23 47	18 44	4 19	20 23	0 34	24 16	0 40	22 32	1 8	24 18	0 38	23 28	0 8	16 31	0 11	23 36	0 3	11 59	5 53	6 38	6 16	4 24			n.a.
S 29	23 48	19 2	4 48	20 46	0 26	24 22	0 42	22 23	1 8	24 17	0 38	23 28	0 8	16 32	0 11	23 36	0 3	12 0	5 54	6 34	6 15	4 22			n.a.
M30	23 49	18 10	5 1	21 9	0 17	24 28	0 44	22 14	1 7	24 17	0 38	23 28	0 8	16 32	0 11	23 36	0 3	12 0	5 54	6 29	6 14	4 20			n.a.
T 31	23s50	16s 9	4n56	21s31	0n 9	24s32	0s46	22s 4	1s 7	24s16	0s38	23n28	0s 8	16s33	0n11	23n37	0n 3	12s 1	5n54	6s25	6s12	4n18			n.a.

Julian Day Number = 1280900.5, Delta T = 08h08m15s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'20, Lahiri = -20°36'20 Julian Calendar 1 Dec. 1207 BCE == Greg. Calendar 20 Nov. 1207 BCE

The year -1206 astronomical counting style corresponds to year 1207 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1206 BCE
geocentric

JANUARY 1206 BCE (-1205) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 55 59	0♉21'28	12♒ 3	7♐18	27♐ 0	28♉27	7♉33	22°R 0	15♏30	8°R33	18♏44	15°R53	15♎28	12♍54	n.a.	W 1
T 2	5 59 55	1°22'13	26°27	8°39	28°16	29°13	7°48	21♊55	15°32	8♋31	18°46	15♎47	15°25	13° 1	n.a.	T 2
F 3	6 3 52	2°22'57	10♓46	10° 1	29°31	29°59	8° 2	21°50	15°35	8°30	18°48	15°43	15°21	13° 7	n.a.	F 3
S 4	6 7 48	3°23'38	24°58	11°23	0♉46	0♒45	8°16	21°46	15°38	8°28	18°50	15°41	15°18	13°14	n.a.	S 4
S 5	6 11 45	4°24'18	9♈ 0	12°48	2° 1	1°31	8°31	21°41	15°41	8°26	18°51	15°41	15°15	13°21	n.a.	S 5
M 6	6 15 42	5°24'56	22°52	14°13	3°16	2°18	8°45	21°36	15°43	8°25	18°53	15°41	15°12	13°27	n.a.	M 6
T 7	6 19 38	6°25'31	6♉36	15°39	4°31	3° 4	8°59	21°31	15°46	8°23	18°54	15°39	15° 9	13°34	n.a.	T 7
W 8	6 23 35	7°26'05	20°10	17° 6	5°46	3°50	9°14	21°27	15°49	8°21	18°56	15°36	15° 6	13°41	n.a.	W 8
T 9	6 27 31	8°26'37	3♊34	18°35	7° 1	4°36	9°28	21°22	15°51	8°20	18°58	15°29	15° 2	13°47	n.a.	T 9
F 10	6 31 28	9°27'07	16°49	20° 4	8°16	5°22	9°42	21°18	15°54	8°18	18°59	15°20	14°59	13°54	n.a.	F 10
S 11	6 35 24	10°27'36	29°52	21°34	9°31	6° 8	9°57	21°13	15°56	8°16	19° 1	15° 7	14°56	14° 1	n.a.	S 11
S 12	6 39 21	11°28'02	12♋42	23° 5	10°46	6°54	10°11	21° 9	15°59	8°15	19° 2	14°54	14°53	14° 7	n.a.	S 12
M13	6 43 18	12°28'27	25°20	24°38	12° 1	7°39	10°26	21° 4	16° 1	8°13	19° 4	14°40	14°50	14°14	n.a.	M13
T 14	6 47 14	13°28'49	7♌44	26°11	13°16	8°25	10°40	21° 0	16° 3	8°11	19° 5	14°27	14°46	14°21	n.a.	T 14
W15	6 51 11	14°29'10	19°55	27°45	14°30	9°11	10°54	20°56	16° 6	8°10	19° 7	14°15	14°43	14°27	n.a.	W15
T 16	6 55 7	15°29'30	1♍55	29°20	15°45	9°57	11° 9	20°51	16° 8	8° 8	19° 8	14° 7	14°40	14°34	n.a.	T 16
F 17	6 59 4	16°29'47	13°47	0♉56	17° 0	10°43	11°23	20°47	16°10	8° 6	19°10	14° 1	14°37	14°41	n.a.	F 17
S 18	7 3 0	17°30'03	25°35	2°33	18°15	11°28	11°37	20°43	16°13	8° 5	19°11	13°59	14°34	14°47	n.a.	S 18
S 19	7 6 57	18°30'17	7♎23	4°11	19°30	12°14	11°52	20°39	16°15	8° 3	19°12	13°58	14°31	14°54	n.a.	S 19
M20	7 10 53	19°30'30	19°18	5°50	20°45	12°59	12° 6	20°35	16°17	8° 1	19°14	13°58	14°27	15° 1	n.a.	M20
T 21	7 14 50	20°30'40	1♏25	7°30	22° 0	13°45	12°20	20°31	16°19	8° 0	19°15	13°57	14°24	15° 7	n.a.	T 21
W22	7 18 46	21°30'49	13°48	9°12	23°14	14°31	12°35	20°27	16°21	7°58	19°16	13°56	14°21	15°14	n.a.	W22
T 23	7 22 43	22°30'57	26°33	10°54	24°29	15°16	12°49	20°23	16°23	7°56	19°17	13°52	14°18	15°21	n.a.	T 23
F 24	7 26 40	23°31'02	9♐44	12°37	25°44	16° 1	13° 3	20°20	16°25	7°55	19°19	13°45	14°15	15°27	n.a.	F 24
S 25	7 30 36	24°31'06	23°22	14°21	26°59	16°47	13°17	20°16	16°27	7°53	19°20	13°36	14°12	15°34	n.a.	S 25
S 26	7 34 33	25°31'08	7♉26	16° 7	28°13	17°32	13°32	20°12	16°29	7°52	19°21	13°25	14° 8	15°41	n.a.	S 26
M27	7 38 29	26°31'08	21°53	17°53	29°28	18°17	13°46	20° 9	16°30	7°50	19°22	13°13	14° 5	15°47	n.a.	M27
T 28	7 42 26	27°31'06	6♒36	19°41	0♒43	19° 3	14° 0	20° 6	16°32	7°48	19°23	13° 2	14° 2	15°54	n.a.	T 28
W29	7 46 22	28°31'02	21°26	21°29	1°58	19°48	14°14	20° 2	16°34	7°47	19°24	12°52	13°59	16° 1	n.a.	W29
T 30	7 50 19	29°30'55	6♓16	23°19	3°12	20°33	14°28	19°59	16°36	7°45	19°25	12°45	13°56	16° 7	n.a.	T 30
F 31	7 54 15	0♒30'46	20♓58	25♉10	4♒27	21♒18	14♉42	19♊56	16♏37	7♋44	19♏26	12♎41	13♎52	16♍14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23s50	13s 7	4n31	21s53	0n 0	24s36	0s48	21s54	1s 7	24s15	0s38	23n28	0s 8	16s34	0n11	23n37	0n 3	12s 1	5n54	6s21	6s11	4n16			n.a.
T 2	23 50	9 19	3 50	22 14	0s 8	24 40	0 50	21 44	1 6	24 14	0 38	23 27	0 8	16 35	0 11	23 37	0 3	12 2	5 54	6 18	6 10	4 14			n.a.
F 3	23 49	4 59	2 54	22 34	0 15	24 42	0 52	21 34	1 6	24 14	0 38	23 27	0 8	16 36	0 11	23 37	0 3	12 2	5 54	6 17	6 9	4 12			n.a.
S 4	23 47	0 24	1 47	22 54	0 23	24 44	0 54	21 23	1 5	24 13	0 38	23 27	0 8	16 37	0 11	23 37	0 3	12 3	5 54	6 16	6 7	4 10			n.a.
S 5	23 46	4n10	0 35	23 13	0 31	24 45	0 56	21 12	1 5	24 12	0 39	23 27	0 7	16 37	0 11	23 37	0 3	12 3	5 54	6 16	6 6	4 8			n.a.
M 6	23 43	8 27	0s38	23 31	0 38	24 45	0 58	21 1	1 5	24 11	0 39	23 27	0 7	16 38	0 11	23 37	0 3	12 3	5 54	6 16	6 5	4 7			n.a.
T 7	23 41	12 14	1 48	23 47	0 45	24 45	0 59	20 50	1 4	24 10	0 39	23 26	0 7	16 39	0 11	23 37	0 3	12 4	5 54	6 16	6 4	4 5			n.a.
W 8	23 37	15 19	2 52	24 3	0 51	24 43	1 1	20 39	1 4	24 9	0 39	23 26	0 7	16 40	0 11	23 38	0 3	12 4	5 54	6 14	6 2	4 3			n.a.
T 9	23 34	17 33	3 44	24 18	0 58	24 41	1 3	20 27	1 3	24 8	0 39	23 26	0 7	16 40	0 11	23 38	0 4	12 5	5 54	6 12	6 1	4 1			n.a.
F 10	23 30	18 47	4 24	24 31	1 4	24 38	1 4	20 16	1 3	24 7	0 39	23 26	0 7	16 41	0 11	23 38	0 4	12 5	5 54	6 8	6 0	3 59			n.a.
S 11	23 25	19 0	4 50	24 44	1 10	24 35	1 6	20 4	1 3	24 6	0 39	23 26	0 7	16 42	0 11	23 38	0 4	12 5	5 54	6 3	5 59	3 57			n.a.
S 12	23 20	18 15	5 0	24 55	1 16	24 30	1 7	19 51	1 2	24 5	0 39	23 25	0 7	16 43	0 11	23 38	0 4	12 6	5 54	5 58	5 57	3 55			n.a.
M13	23 14	16 35	4 55	25 5	1 21	24 25	1 9	19 39	1 2	24 4	0 39	23 25	0 6	16 43	0 11	23 38	0 4	12 6	5 54	5 52	5 56	3 53			n.a.
T 14	23 8	14 12	4 36	25 13	1 26	24 19	1 10	19 26	1 1	24 3	0 39	23 25	0 6	16 44	0 11	23 38	0 4	12 6	5 54	5 47	5 55	3 51			n.a.
W15	23 2	11 13	4 5	25 20	1 31	24 13	1 11	19 14	1 1	24 2	0 39	23 25	0 6	16 45	0 11	23 38	0 4	12 7	5 54	5 43	5 54	3 50			n.a.
T 16	22 55	7 49	3 23	25 26	1 36	24 5	1 12	19 1	1 0	24 1	0 40	23 25	0 6	16 45	0 11	23 38	0 4	12 7	5 54	5 39	5 52	3 48			n.a.
F 17	22 48	4 8	2 33	25 30	1 40	23 57	1 14	18 48	1 0	24 0	0 40	23 25	0 6	16 46	0 11	23 39	0 4	12 7	5 54	5 37	5 51	3 46			n.a.
S 18	22 40	0 19	1 36	25 33	1 44	23 48	1 15	18 35	0 59	23 59	0 40	23 24	0 6	16 47	0 11	23 39	0 4	12 8	5 54	5 36	5 50	3 44			n.a.
S 19	22 32	3s31	0 35	25 34	1 48	23 39	1 16	18 21	0 59	23 58	0 40	23 24	0 6	16 47	0 11	23 39	0 4	12 8	5 54	5 36	5 49	3 42			n.a.
M20	22 23	7 14	0n28	25 33	1 51	23 28	1 17	18 8	0 58	23 56	0 40	23 24	0 6	16 48	0 11	23 39	0 4	12 8	5 54	5 36	5 47	3 40			n.a.
T 21	22 14	10 44	1 31	25 30	1 54	23 17	1 18	17 54	0 58	23 55	0 40	23 24	0 6	16 49	0 11	23 39	0 4	12 9	5 55	5 36	5 46	3 38			n.a.
W22	22 5	13 50	2 31	25 26	1 56	23 6	1 19	17 40	0 57	23 54	0 40	23 24	0 5	16 49	0 11	23 39	0 4	12 9	5 55	5 35	5 45	3 36			n.a.
T 23	21 55	16 23	3 25	25 20	1 58	22 53	1 20	17 26	0 57	23 53	0 40	23 24	0 5	16 50	0 11	23 39	0 4	12 9	5 55	5 33	5 44	3 34			n.a.
F 24	21 45	18 9	4 10	25 13	2 0	22 40	1 21	17 12	0 57	23 51	0 40	23 23	0 5	16 50	0 11	23 39	0 4	12 9	5 55	5 31	5 42	3 32			n.a.
S 25	21 34	18 57	4 43	25 3	2 1	22 26	1 21	16 57	0 56	23 50	0 41	23 23	0 5	16 51	0 11	23 39	0 4	12 10	5 55	5 27	5 41	3 31			n.a.
S 26	21 23	18 38	5 0	24 52	2 2	22 12	1 22	16 43	0 56	23 49	0 41	23 23	0 5	16 51	0 11	23 40	0 4	12 10	5 55	5 23	5 40	3 29			n.a.
M27	21 12	17 7	4 58	24 38	2 2	21 57	1 23	16 28	0 55	23 47	0 41	23 23	0 5	16 52	0 11	23 40	0 4	12 10	5 55	5 18	5 39	3 27			n.a.
T 28	21 0	14 28	4 37	24 23	2 2	21 41	1 23	16 13	0 55	23 46	0 41	23 23	0 5	16 52	0 11	23 40	0 4	12 10	5 55	5 14	5 37	3 25			n.a.
W29	20 48	10 52	3 56	24 5	2 2	21 25	1 24	15 58	0 54	23 44	0 41	23 23	0 5	16 53	0 11	23 40	0 4	12 10	5 55	5 10	5 36	3 23			n.a.
T 30	20 35	6 34	3 0	23 46	2 1	21 8	1 24	15 43	0 54	23 43	0 41	23 22	0 5	16 53	0 11	23 40	0 4	12 11	5 55	5 7	5 35	3 21			n.a.
F 31	20s22	1s55	1n53	23s24	1s59	20s50	1s25	15s28	0s53	23s42	0s41	23n22	0s 4	16s54	0n11	23n40	0n 4	12s11	5n55	5s 6	5s34	3n19			n.a.

Julian Day Number = 1280931.5, Delta T = 08h08m13s
Ecliptic obliquity = 23°50'07, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'16, Lahiri = -20°36'16 Julian Calendar 1 Jan. 1206 BCE == Greg. Calendar 21 Dec. 1207 BCE

The year -1205 astronomical counting style corresponds to year 1206 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1206 BCE
geocentric

FEBRUARY 1206 BCE (-1205) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 58 12	1♒30'35	5♈26	27♉ 2	5♒42	22♒ 3	14♉57	19°R53	16♏39	7°R42	19♏27	12°R40	13♎49	16♍21	n.a.	S 1
S 2	8 2 9	2°30'21	19°38	28°55	6°56	22°48	15°11	19♊50	16°40	7♋41	19°28	12°D40	13°46	16°27	n.a.	S 2
M 3	8 6 5	3°30'05	3♉31	0♒49	8°11	23°33	15°25	19°47	16°42	7°39	19°29	12°R40	13°43	16°34	n.a.	M 3
T 4	8 10 2	4°29'47	17° 8	2°45	9°25	24°18	15°39	19°44	16°43	7°38	19°30	12♎39	13°40	16°41	n.a.	T 4
W 5	8 13 58	5°29'26	0♊29	4°41	10°40	25° 3	15°53	19°42	16°44	7°36	19°31	12°37	13°37	16°47	n.a.	W 5
T 6	8 17 55	6°29'02	13°36	6°38	11°55	25°48	16° 7	19°39	16°46	7°35	19°32	12°31	13°33	16°54	n.a.	T 6
F 7	8 21 51	7°28'37	26°30	8°36	13° 9	26°33	16°20	19°36	16°47	7°33	19°32	12°24	13°30	17° 0	n.a.	F 7
S 8	8 25 48	8°28'08	9♋13	10°35	14°24	27°18	16°34	19°34	16°48	7°32	19°33	12°14	13°27	17° 7	n.a.	S 8
S 9	8 29 44	9°27'38	21°44	12°35	15°38	28° 2	16°48	19°32	16°49	7°31	19°34	12° 2	13°24	17°14	n.a.	S 9
M10	8 33 41	10°27'05	4♌ 5	14°35	16°52	28°47	17° 2	19°30	16°51	7°29	19°35	11°50	13°21	17°20	n.a.	M10
T 11	8 37 37	11°26'30	16°17	16°36	18° 7	29°32	17°16	19°27	16°52	7°28	19°35	11°39	13°18	17°27	n.a.	T 11
W12	8 41 34	12°25'53	28°19	18°37	19°21	0♓16	17°29	19°25	16°53	7°27	19°36	11°30	13°14	17°34	n.a.	W12
T 13	8 45 31	13°25'14	10♍14	20°37	20°36	1° 1	17°43	19°24	16°54	7°25	19°36	11°23	13°11	17°40	n.a.	T 13
F 14	8 49 27	14°24'32	22° 3	22°38	21°50	1°45	17°57	19°22	16°55	7°24	19°37	11°19	13° 8	17°47	n.a.	F 14
S 15	8 53 24	15°23'49	3♎50	24°38	23° 5	2°30	18°10	19°20	16°55	7°23	19°38	11°16	13° 5	17°54	n.a.	S 15
S 16	8 57 20	16°23'03	15°39	26°37	24°19	3°14	18°24	19°18	16°56	7°22	19°38	11°D16	13° 2	18° 0	n.a.	S 16
M17	9 1 17	17°22'16	27°33	28°35	25°33	3°58	18°37	19°17	16°57	7°20	19°39	11°17	12°58	18° 7	n.a.	M17
T 18	9 5 13	18°21'27	9♏39	0♓31	26°48	4°43	18°51	19°16	16°58	7°19	19°39	11°18	12°55	18°14	n.a.	T 18
W19	9 9 10	19°20'35	22° 0	2°25	28° 2	5°27	19° 4	19°14	16°58	7°18	19°39	11°R18	12°52	18°20	n.a.	W19
T 20	9 13 6	20°19'42	4♐42	4°17	29°16	6°11	19°17	19°13	16°59	7°17	19°40	11°17	12°49	18°27	n.a.	T 20
F 21	9 17 3	21°18'47	17°49	6° 6	0♓30	6°55	19°31	19°12	17° 0	7°16	19°40	11°14	12°46	18°34	n.a.	F 21
S 22	9 21 0	22°17'50	1♑25	7°52	1°45	7°39	19°44	19°11	17° 0	7°15	19°40	11° 9	12°43	18°40	n.a.	S 22
S 23	9 24 56	23°16'52	15°29	9°34	2°59	8°23	19°57	19°10	17° 0	7°14	19°41	11° 3	12°39	18°47	n.a.	S 23
M24	9 28 53	24°15'51	0♒ 0	11°13	4°13	9° 7	20°10	19°10	17° 1	7°13	19°41	10°55	12°36	18°54	n.a.	M24
T 25	9 32 49	25°14'48	14°53	12°47	5°27	9°51	20°23	19° 9	17° 1	7°12	19°41	10°48	12°33	19° 0	n.a.	T 25
W26	9 36 46	26°13'43	29°58	14°16	6°41	10°35	20°36	19° 8	17° 2	7°11	19°41	10°42	12°30	19° 7	n.a.	W26
T 27	9 40 42	27°12'36	15♓ 7	15°40	7°55	11°19	20°49	19° 8	17° 2	7°10	19°42	10°38	12°27	19°14	n.a.	T 27
F 28	9 44 39	28♒11'26	0♈ 9	17♓ 0	9♓10	12♓ 3	21♉ 2	19♊ 8	17♏ 2	7♋ 9	19♏42	10♎35	12♎23	19♍20	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 9	2n47	0n38	23s 1	1s57	20s32	1s25	15s13	0s52	23s40	0s41	23n22	0s 4	16s54	0n11	23n40	0n 4	12s11	5n55	5s 5	5s32	3n17		n.a.
S 2	19 56	7 14	0s37	22 35	1 54	20 13	1 25	14 57	0 52	23 39	0 42	23 22	0 4	16 55	0 11	23 40	0 4	12 11	5 55	5 5	5 31	3 15		n.a.
M 3	19 42	11 12	1 49	22 7	1 51	19 54	1 25	14 42	0 51	23 37	0 42	23 22	0 4	16 55	0 11	23 40	0 4	12 11	5 55	5 5	5 30	3 14		n.a.
T 4	19 27	14 28	2 53	21 37	1 48	19 34	1 26	14 26	0 51	23 36	0 42	23 22	0 4	16 56	0 11	23 41	0 4	12 12	5 56	5 5	5 29	3 12		n.a.
W 5	19 13	16 55	3 46	21 5	1 43	19 13	1 26	14 10	0 50	23 34	0 42	23 22	0 4	16 56	0 11	23 41	0 4	12 12	5 56	5 4	5 27	3 10		n.a.
T 6	18 58	18 25	4 26	20 30	1 39	18 52	1 26	13 55	0 50	23 32	0 42	23 22	0 4	16 56	0 11	23 41	0 4	12 12	5 56	5 2	5 26	3 8		n.a.
F 7	18 42	18 56	4 52	19 54	1 33	18 31	1 26	13 39	0 49	23 31	0 42	23 22	0 4	16 57	0 11	23 41	0 4	12 12	5 56	4 59	5 25	3 6		n.a.
S 8	18 27	18 28	5 3	19 16	1 27	18 9	1 25	13 22	0 49	23 29	0 42	23 22	0 4	16 57	0 11	23 41	0 4	12 12	5 56	4 55	5 24	3 4		n.a.
S 9	18 11	17 8	4 59	18 36	1 20	17 46	1 25	13 6	0 48	23 28	0 42	23 21	0 3	16 57	0 11	23 41	0 4	12 12	5 56	4 50	5 22	3 2		n.a.
M10	17 55	15 0	4 41	17 53	1 13	17 23	1 25	12 50	0 48	23 26	0 43	23 21	0 3	16 58	0 11	23 41	0 4	12 12	5 56	4 45	5 21	3 0		n.a.
T 11	17 38	12 14	4 10	17 9	1 5	17 0	1 25	12 34	0 47	23 24	0 43	23 21	0 3	16 58	0 11	23 41	0 4	12 12	5 56	4 41	5 20	2 58		n.a.
W12	17 21	9 0	3 29	16 24	0 57	16 36	1 24	12 17	0 47	23 23	0 43	23 21	0 3	16 58	0 11	23 41	0 4	12 12	5 56	4 37	5 19	2 56		n.a.
T 13	17 4	5 25	2 38	15 36	0 48	16 11	1 24	12 1	0 46	23 21	0 43	23 21	0 3	16 59	0 11	23 41	0 4	12 13	5 56	4 34	5 17	2 55		n.a.
F 14	16 47	1 39	1 41	14 48	0 38	15 46	1 23	11 44	0 46	23 19	0 43	23 21	0 3	16 59	0 11	23 41	0 4	12 13	5 56	4 33	5 16	2 53		n.a.
S 15	16 29	2s10	0 40	13 58	0 28	15 21	1 23	11 27	0 45	23 18	0 43	23 21	0 3	16 59	0 11	23 42	0 4	12 13	5 57	4 32	5 15	2 51		n.a.
S 16	16 11	5 54	0n24	13 7	0 17	14 55	1 22	11 11	0 44	23 16	0 43	23 21	0 3	16 59	0 11	23 42	0 4	12 13	5 57	4 32	5 14	2 49		n.a.
M17	15 53	9 26	1 27	12 15	0 6	14 29	1 22	10 54	0 44	23 14	0 44	23 21	0 3	17 0	0 11	23 42	0 4	12 13	5 57	4 32	5 12	2 47		n.a.
T 18	15 35	12 37	2 27	11 23	0n 5	14 3	1 21	10 37	0 43	23 12	0 44	23 21	0 2	17 0	0 11	23 42	0 4	12 13	5 57	4 33	5 11	2 45		n.a.
W19	15 16	15 19	3 22	10 31	0 17	13 36	1 20	10 20	0 43	23 11	0 44	23 21	0 2	17 0	0 11	23 42	0 4	12 13	5 57	4 33	5 10	2 43		n.a.
T 20	14 57	17 22	4 8	9 38	0 29	13 9	1 19	10 3	0 42	23 9	0 44	23 21	0 2	17 0	0 11	23 42	0 4	12 13	5 57	4 32	5 9	2 41		n.a.
F 21	14 38	18 34	4 43	8 47	0 42	12 41	1 18	9 46	0 42	23 7	0 44	23 21	0 2	17 0	0 11	23 42	0 4	12 13	5 57	4 31	5 7	2 39		n.a.
S 22	14 18	18 46	5 4	7 55	0 54	12 14	1 17	9 28	0 41	23 5	0 44	23 21	0 2	17 0	0 11	23 42	0 4	12 13	5 57	4 29	5 6	2 37		n.a.
S 23	13 59	17 50	5 7	7 5	1 7	11 46	1 16	9 11	0 41	23 4	0 45	23 21	0 2	17 1	0 11	23 42	0 4	12 13	5 57	4 26	5 5	2 36		n.a.
M24	13 39	15 44	4 52	6 16	1 19	11 17	1 15	8 54	0 40	23 2	0 45	23 21	0 2	17 1	0 11	23 42	0 4	12 13	5 57	4 23	5 4	2 34		n.a.
T 25	13 19	12 34	4 16	5 28	1 31	10 48	1 14	8 36	0 39	23 0	0 45	23 21	0 2	17 1	0 11	23 42	0 4	12 13	5 57	4 21	5 2	2 32		n.a.
W26	12 59	8 31	3 22	4 42	1 43	10 19	1 13	8 19	0 39	22 58	0 45	23 21	0 2	17 1	0 11	23 42	0 4	12 13	5 58	4 18	5 1	2 30		n.a.
T 27	12 38	3 55	2 14	3 58	1 55	9 50	1 11	8 2	0 38	22 56	0 45	23 22	0 1	17 1	0 11	23 42	0 4	12 13	5 58	4 16	5 0	2 28		n.a.
F 28	12s18	0n55	0n56	3s17	2n 6	9s21	1s10	7s44	0s38	22s54	0s45	23n22	0s 1	17s 1	0n11	23n42	0n 4	12s13	5n58	4s16	4s58	2n26		n.a.

Julian Day Number = 1280962.5, Delta T = 08h08m11s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'12, Lahiri = -20°36'11 Julian Calendar 1 Feb. 1206 BCE == Greg. Calendar 21 Jan. 1206 BCE

The year -1205 astronomical counting style corresponds to year 1206 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1206 BCE
geocentric

MARCH 1206 BCE (-1205) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 48 35	29♒10'14	14♈57	18♓14	10♓24	12♓47	21♉15	19°R 7	17♏ 2	7°R 8	19♏42	10°D35	12♎20	19♍27	n.a.	S 1
S 2	9 52 32	0♓ 9'00	29°25	19°22	11°38	13°30	21°28	19°D 7	17° 2	7♋ 7	19°42	10♎36	12°17	19°34	n.a.	S 2
M 3	9 56 28	1° 7'44	13♉30	20°24	12°52	14°14	21°40	19♊ 7	17°R 2	7° 6	19°R42	10°37	12°14	19°40	n.a.	M 3
T 4	10 0 25	2° 6'25	27°13	21°21	14° 6	14°57	21°53	19° 8	17° 2	7° 5	19°42	10°R38	12°11	19°47	n.a.	T 4
W 5	10 4 22	3° 5'03	10♊33	22°11	15°20	15°41	22° 6	19° 8	17° 2	7° 4	19°42	10°38	12° 8	19°54	n.a.	W 5
T 6	10 8 18	4° 3'40	23°33	22°55	16°34	16°25	22°18	19° 8	17° 2	7° 4	19°42	10°37	12° 4	20° 0	n.a.	T 6
F 7	10 12 15	5° 2'14	6♋17	23°33	17°48	17° 8	22°31	19° 9	17° 2	7° 3	19°42	10°33	12° 1	20° 7	n.a.	F 7
S 8	10 16 11	6° 0'45	18°46	24° 5	19° 2	17°51	22°43	19° 9	17° 2	7° 2	19°42	10°28	11°58	20°14	n.a.	S 8
S 9	10 20 8	6°59'15	1♌ 3	24°30	20°16	18°35	22°55	19°10	17° 1	7° 1	19°41	10°23	11°55	20°20	n.a.	S 9
M10	10 24 4	7°57'42	13°11	24°49	21°29	19°18	23° 7	19°11	17° 1	7° 1	19°41	10°17	11°52	20°27	n.a.	M10
T 11	10 28 1	8°56'07	25°11	25° 2	22°43	20° 1	23°19	19°12	17° 1	7° 0	19°41	10°11	11°49	20°34	n.a.	T 11
W12	10 31 57	9°54'30	7♍ 5	25° 9	23°57	20°44	23°31	19°13	17° 0	7° 0	19°41	10° 7	11°45	20°40	n.a.	W12
T 13	10 35 54	10°52'51	18°55	25°R 9	25°11	21°28	23°43	19°14	17° 0	6°59	19°40	10° 4	11°42	20°47	n.a.	T 13
F 14	10 39 50	11°51'10	0♎43	25° 4	26°25	22°11	23°55	19°15	16°59	6°59	19°40	10° 2	11°39	20°54	n.a.	F 14
S 15	10 43 47	12°49'27	12°31	24°53	27°38	22°54	24° 7	19°16	16°59	6°58	19°40	10°D 2	11°36	21° 0	n.a.	S 15
S 16	10 47 44	13°47'42	24°23	24°37	28°52	23°37	24°19	19°18	16°58	6°58	19°39	10° 2	11°33	21° 7	n.a.	S 16
M17	10 51 40	14°45'55	6♏21	24°16	0♈ 6	24°20	24°30	19°19	16°57	6°57	19°39	10° 4	11°29	21°13	n.a.	M17
T 18	10 55 37	15°44'07	18°29	23°51	1°19	25° 2	24°42	19°21	16°57	6°57	19°39	10° 5	11°26	21°20	n.a.	T 18
W19	10 59 33	16°42'17	0♐51	23°22	2°33	25°45	24°53	19°23	16°56	6°56	19°38	10° 7	11°23	21°27	n.a.	W19
T 20	11 3 30	17°40'26	13°32	22°49	3°47	26°28	25° 5	19°24	16°55	6°56	19°38	10°R 8	11°20	21°33	n.a.	T 20
F 21	11 7 26	18°38'33	26°35	22°14	5° 0	27°11	25°16	19°26	16°54	6°56	19°37	10° 8	11°17	21°40	n.a.	F 21
S 22	11 11 23	19°36'38	10♑ 4	21°37	6°14	27°53	25°27	19°28	16°53	6°55	19°37	10° 6	11°14	21°47	n.a.	S 22
S 23	11 15 19	20°34'42	24° 0	20°59	7°27	28°36	25°38	19°31	16°52	6°55	19°36	10° 5	11°10	21°53	n.a.	S 23
M24	11 19 16	21°32'45	8♒23	20°19	8°41	29°19	25°49	19°33	16°51	6°55	19°35	10° 2	11° 7	22° 0	n.a.	M24
T 25	11 23 12	22°30'46	23° 9	19°40	9°54	0♈ 1	26° 0	19°35	16°50	6°55	19°35	10° 0	11° 4	22° 7	n.a.	T 25
W26	11 27 9	23°28'45	8♓12	19° 2	11° 8	0°44	26°11	19°38	16°49	6°55	19°34	9°58	11° 1	22°13	n.a.	W26
T 27	11 31 6	24°26'42	23°24	18°25	12°21	1°26	26°22	19°40	16°48	6°55	19°33	9°57	10°58	22°20	n.a.	T 27
F 28	11 35 2	25°24'38	8♈34	17°50	13°35	2° 9	26°32	19°43	16°47	6°54	19°33	9°D56	10°55	22°27	n.a.	F 28
S 29	11 38 59	26°22'32	23°35	17°18	14°48	2°51	26°43	19°46	16°46	6°54	19°32	9°57	10°51	22°33	n.a.	S 29
S 30	11 42 55	27°20'24	8♉17	16°49	16° 2	3°33	26°53	19°48	16°44	6°D54	19°31	9°57	10°48	22°40	n.a.	S 30
M31	11 46 52	28♓18'15	22♉36	16♓23	17♈15	4♈16	27♑ 3	19♊51	16♏43	6♋54	19♏30	9♎58	10♎45	22♍47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s57	5n37	0s24	2s38	2n17	8s51	1s 9	7s27	0s37	22s52	0s46	23n22	0s 1	17s 1	0n11	23n43	0n 4	12s13	5n58	4s15	4s57	2n24		n.a.
S 2	11 36	9 53	1 41	2 1	2 27	8 21	1 7	7 9	0 37	22 51	0 46	23 22	0 1	17 1	0 11	23 43	0 4	12 12	5 58	4 16	4 56	2 22		n.a.
M 3	11 15	13 28	2 50	1 28	2 37	7 51	1 6	6 51	0 36	22 49	0 46	23 22	0 1	17 1	0 11	23 43	0 4	12 12	5 58	4 16	4 55	2 20		n.a.
T 4	10 54	16 11	3 47	0 57	2 46	7 20	1 4	6 34	0 35	22 47	0 46	23 22	0 1	17 1	0 11	23 43	0 4	12 12	5 58	4 17	4 53	2 18		n.a.
W 5	10 32	17 57	4 30	0 30	2 54	6 50	1 2	6 16	0 35	22 45	0 46	23 22	0 1	17 1	0 11	23 43	0 4	12 12	5 58	4 17	4 52	2 17		n.a.
T 6	10 11	18 43	4 58	0 6	3 1	6 19	1 1	5 58	0 34	22 43	0 46	23 22	0 1	17 1	0 11	23 43	0 4	12 12	5 58	4 16	4 51	2 15		n.a.
F 7	9 49	18 31	5 11	0n15	3 7	5 48	0 59	5 41	0 34	22 41	0 47	23 22	0 1	17 1	0 11	23 43	0 4	12 12	5 58	4 15	4 50	2 13		n.a.
S 8	9 27	17 24	5 8	0 33	3 12	5 17	0 57	5 23	0 33	22 39	0 47	23 23	0 1	17 1	0 11	23 43	0 4	12 12	5 58	4 13	4 48	2 11		n.a.
S 9	9 5	15 31	4 52	0 46	3 16	4 46	0 56	5 5	0 32	22 37	0 47	23 23	0 0	17 1	0 11	23 43	0 4	12 12	5 59	4 11	4 47	2 9		n.a.
M10	8 43	12 57	4 22	0 57	3 19	4 15	0 54	4 47	0 32	22 35	0 47	23 23	0 0	17 1	0 11	23 43	0 4	12 12	5 59	4 8	4 46	2 7		n.a.
T 11	8 21	9 52	3 41	1 3	3 20	3 43	0 52	4 30	0 31	22 34	0 47	23 23	0 0	17 1	0 11	23 43	0 4	12 12	5 59	4 6	4 45	2 5		n.a.
W12	7 59	6 25	2 51	1 6	3 21	3 12	0 50	4 12	0 31	22 32	0 48	23 23	0 0	17 1	0 11	23 43	0 4	12 11	5 59	4 4	4 43	2 3		n.a.
T 13	7 36	2 43	1 53	1 5	3 20	2 40	0 48	3 54	0 30	22 30	0 48	23 23	0n 0	17 0	0 11	23 43	0 4	12 11	5 59	4 3	4 42	2 1		n.a.
F 14	7 14	1s 4	0 51	1 1	3 17	2 9	0 46	3 36	0 29	22 28	0 48	23 24	0 0	17 0	0 11	23 43	0 4	12 11	5 59	4 2	4 41	2 0		n.a.
S 15	6 51	4 49	0n14	0 53	3 13	1 37	0 44	3 18	0 29	22 26	0 48	23 24	0 0	17 0	0 11	23 43	0 4	12 11	5 59	4 2	4 40	1 58		n.a.
S 16	6 29	8 23	1 18	0 42	3 8	1 5	0 42	3 1	0 28	22 24	0 48	23 24	0 0	17 0	0 11	23 43	0 4	12 11	5 59	4 2	4 38	1 56		n.a.
M17	6 6	11 39	2 20	0 27	3 1	0 34	0 39	2 43	0 28	22 22	0 49	23 24	0 0	17 0	0 11	23 43	0 4	12 11	5 59	4 3	4 37	1 54		n.a.
T 18	5 43	14 28	3 16	0 10	2 53	0 2	0 37	2 25	0 27	22 20	0 49	23 25	0 1	17 0	0 11	23 43	0 4	12 10	5 59	4 4	4 36	1 52		n.a.
W19	5 20	16 41	4 5	0s11	2 43	0n30	0 35	2 7	0 27	22 18	0 49	23 25	0 1	16 59	0 11	23 43	0 4	12 10	5 59	4 4	4 35	1 50		n.a.
T 20	4 57	18 8	4 43	0 34	2 33	1 2	0 33	1 49	0 26	22 16	0 49	23 25	0 1	16 59	0 11	23 43	0 4	12 10	5 59	4 4	4 33	1 48		n.a.
F 21	4 34	18 40	5 7	0 59	2 21	1 33	0 30	1 32	0 25	22 15	0 49	23 25	0 1	16 59	0 11	23 43	0 4	12 10	5 59	4 4	4 32	1 46		n.a.
S 22	4 11	18 12	5 16	1 26	2 8	2 5	0 28	1 14	0 25	22 13	0 50	23 26	0 1	16 59	0 11	23 43	0 4	12 10	6 0	4 4	4 31	1 44		n.a.
S 23	3 48	16 38	5 7	1 54	1 53	2 37	0 26	0 56	0 24	22 11	0 50	23 26	0 1	16 58	0 11	23 43	0 4	12 9	6 0	4 3	4 29	1 42		n.a.
M24	3 24	14 0	4 38	2 23	1 38	3 8	0 23	0 38	0 24	22 9	0 50	23 26	0 1	16 58	0 11	23 43	0 4	12 9	6 0	4 2	4 28	1 41		n.a.
T 25	3 1	10 24	3 51	2 53	1 23	3 40	0 21	0 20	0 23	22 7	0 50	23 26	0 1	16 58	0 11	23 43	0 4	12 9	6 0	4 1	4 27	1 39		n.a.
W26	2 38	6 3	2 47	3 23	1 7	4 11	0 19	0 3	0 22	22 5	0 50	23 27	0 1	16 57	0 11	23 44	0 4	12 9	6 0	4 1	4 26	1 37		n.a.
T 27	2 15	1 17	1 30	3 53	0 50	4 43	0 16	0n15	0 22	22 3	0 51	23 27	0 1	16 57	0 11	23 44	0 4	12 8	6 0	4 0	4 24	1 35		n.a.
F 28	1 51	3n34	0 8	4 22	0 34	5 14	0 14	0 33	0 21	22 2	0 51	23 27	0 1	16 57	0 11	23 44	0 4	12 8	6 0	4 0	4 23	1 33		n.a.
S 29	1 28	8 9	1s15	4 50	0 17	5 45	0 11	0 50	0 21	22 0	0 51	23 28	0 2	16 56	0 11	23 44	0 4	12 8	6 0	4 0	4 22	1 31		n.a.
S 30	1 4	12 7	2 31	5 17	0 0	6 16	0 9	1 8	0 20	21 58	0 51	23 28	0 2	16 56	0 11	23 44	0 4	12 8	6 0	4 0	4 21	1 29		n.a.
M31	0s41	15n15	3s35	5s42	0s16	6n47	0s 6	1n26	0s19	21s56	0s51	23n28	0n 2	16s56	0n11	23n44	0n 4	12s 7	6n 0	4s 1	4s19	1n27		n.a.

Julian Day Number = 1280990.5, Delta T = 08h08m10s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'08, Lahiri = -20°36'08 Julian Calendar 1 March 1206 BCE == Greg. Calendar 18 Feb. 1206 BCE

The year -1205 astronomical counting style corresponds to year 1206 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1206 BCE
geocentric

APRIL 1206 BCE (-1205) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 50 48	29♓16'03	6♊29	16°R 1	18♈28	4♈58	27♉14	19♊54	16°R42	6♋54	19°R30	9♎59	10♎42	22♍53	n.a.	T 1
W 2	11 54 45	0♈13'50	19°56	15♓43	19°41	5°40	27°24	19°58	16♏40	6°55	19♏29	10° 0	10°39	23° 0	n.a.	W 2
T 3	11 58 41	1°11'35	2♋59	15°30	20°55	6°22	27°34	20° 1	16°39	6°55	19°28	10°R 0	10°35	23° 7	n.a.	T 3
F 4	12 2 38	2° 9'18	15°41	15°20	22° 8	7° 4	27°43	20° 4	16°37	6°55	19°27	10° 0	10°32	23°13	n.a.	F 4
S 5	12 6 35	3° 6'59	28° 4	15°D16	23°21	7°46	27°53	20° 8	16°36	6°55	19°26	9°59	10°29	23°20	n.a.	S 5
S 6	12 10 31	4° 4'38	10♌14	15°16	24°34	8°28	28° 3	20°11	16°34	6°55	19°25	9°58	10°26	23°27	n.a.	S 6
M 7	12 14 28	5° 2'16	22°14	15°21	25°47	9°10	28°12	20°15	16°33	6°55	19°24	9°58	10°23	23°33	n.a.	M 7
T 8	12 18 24	5°59'52	4♍ 7	15°30	27° 1	9°52	28°22	20°18	16°31	6°56	19°23	9°57	10°20	23°40	n.a.	T 8
W 9	12 22 21	6°57'27	15°56	15°44	28°14	10°34	28°31	20°22	16°30	6°56	19°22	9°57	10°16	23°46	n.a.	W 9
T 10	12 26 17	7°55'00	27°44	16° 2	29°27	11°15	28°40	20°26	16°28	6°56	19°21	9°57	10°13	23°53	n.a.	T 10
F 11	12 30 14	8°52'31	9♎33	16°25	0♉40	11°57	28°49	20°30	16°26	6°57	19°20	9°D57	10°10	24° 0	n.a.	F 11
S 12	12 34 10	9°50'02	21°26	16°52	1°53	12°39	28°58	20°34	16°24	6°57	19°19	9°R57	10° 7	24° 6	n.a.	S 12
S 13	12 38 7	10°47'31	3♏24	17°23	3° 6	13°21	29° 6	20°38	16°23	6°58	19°18	9°57	10° 4	24°13	n.a.	S 13
M14	12 42 3	11°44'59	15°31	17°58	4°18	14° 2	29°15	20°42	16°21	6°58	19°17	9°56	10° 0	24°20	n.a.	M14
T 15	12 46 0	12°42'25	27°49	18°38	5°31	14°44	29°24	20°47	16°19	6°59	19°15	9°56	9°57	24°26	n.a.	T 15
W16	12 49 57	13°39'51	10♐19	19°21	6°44	15°25	29°32	20°51	16°17	6°59	19°14	9°56	9°54	24°33	n.a.	W16
T 17	12 53 53	14°37'16	23° 5	20° 7	7°57	16° 7	29°40	20°55	16°15	7° 0	19°13	9°55	9°51	24°40	n.a.	T 17
F 18	12 57 50	15°34'40	6♑ 9	20°58	9°10	16°48	29°48	21° 0	16°13	7° 0	19°12	9°55	9°48	24°46	n.a.	F 18
S 19	13 1 46	16°32'03	19°34	21°51	10°23	17°29	29°56	21° 5	16°11	7° 1	19°11	9°D55	9°45	24°53	n.a.	S 19
S 20	13 5 43	17°29'26	3♒21	22°49	11°35	18°11	0♒ 4	21° 9	16° 9	7° 2	19° 9	9°55	9°41	25° 0	n.a.	S 20
M21	13 9 39	18°26'47	17°31	23°49	12°48	18°52	0°12	21°14	16° 7	7° 2	19° 8	9°56	9°38	25° 6	n.a.	M21
T 22	13 13 36	19°24'08	2♓ 2	24°53	14° 1	19°33	0°19	21°19	16° 5	7° 3	19° 7	9°56	9°35	25°13	n.a.	T 22
W23	13 17 32	20°21'28	16°50	26° 0	15°13	20°14	0°27	21°24	16° 3	7° 4	19° 6	9°57	9°32	25°20	n.a.	W23
T 24	13 21 29	21°18'47	1♈49	27°10	16°26	20°55	0°34	21°29	16° 1	7° 5	19° 4	9°58	9°29	25°26	n.a.	T 24
F 25	13 25 26	22°16'05	16°52	28°22	17°39	21°37	0°41	21°34	15°59	7° 5	19° 3	9°R58	9°26	25°33	n.a.	F 25
S 26	13 29 22	23°13'23	1♉50	29°38	18°51	22°18	0°48	21°39	15°56	7° 6	19° 2	9°57	9°22	25°40	n.a.	S 26
S 27	13 33 19	24°10'39	16°36	0♈57	20° 4	22°59	0°55	21°44	15°54	7° 7	19° 0	9°56	9°19	25°46	n.a.	S 27
M28	13 37 15	25° 7'55	1♊ 1	2°19	21°16	23°40	1° 1	21°50	15°52	7° 8	18°59	9°54	9°16	25°53	n.a.	M28
T 29	13 41 12	26° 5'10	15° 2	3°43	22°29	24°21	1° 8	21°55	15°50	7° 9	18°58	9°52	9°13	25°59	n.a.	T 29
W30	13 45 8	27♈ 2'23	28♊36	5♈10	23♉41	25♈ 1	1♒14	22♊ 0	15♏47	7♋10	18♏56	9♎50	9♎10	26♍ 6	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s18	17n24	4s25	6s 6	0s32	7n18	0s 3	1n43	0s19	21s54	0s52	23n29	0n 2	16s55	0n11	23n44	0n 4	12s 7	6n 0	4s 1	4s18	1n25		n.a.
W 2	0n 6	18 29	4 58	6 27	0 47	7 49	0 1	2 1	0 18	21 52	0 52	23 29	0 2	16 55	0 11	23 44	0 4	12 7	6 0	4 1	4 17	1 23		n.a.
T 3	0 29	18 33	5 15	6 46	1 2	8 19	0n 2	2 18	0 18	21 51	0 52	23 29	0 2	16 54	0 11	23 44	0 4	12 7	6 0	4 1	4 16	1 22		n.a.
F 4	0 52	17 40	5 16	7 3	1 16	8 49	0 4	2 36	0 17	21 49	0 52	23 30	0 2	16 54	0 11	23 44	0 4	12 6	6 0	4 1	4 14	1 20		n.a.
S 5	1 16	15 58	5 2	7 17	1 30	9 19	0 7	2 53	0 16	21 47	0 53	23 30	0 2	16 54	0 11	23 44	0 5	12 6	6 0	4 1	4 13	1 18		n.a.
S 6	1 39	13 34	4 34	7 28	1 43	9 49	0 10	3 10	0 16	21 46	0 53	23 30	0 2	16 53	0 11	23 44	0 5	12 6	6 0	4 1	4 12	1 16		n.a.
M 7	2 2	10 37	3 55	7 37	1 54	10 19	0 12	3 28	0 15	21 44	0 53	23 31	0 2	16 53	0 11	23 44	0 5	12 5	6 0	4 1	4 10	1 14		n.a.
T 8	2 25	7 16	3 6	7 44	2 5	10 48	0 15	3 45	0 14	21 42	0 53	23 31	0 3	16 52	0 11	23 44	0 5	12 5	6 0	4 0	4 9	1 12		n.a.
W 9	2 48	3 39	2 10	7 47	2 15	11 17	0 17	4 2	0 14	21 40	0 54	23 31	0 3	16 52	0 11	23 44	0 5	12 5	6 0	4 0	4 8	1 10		n.a.
T 10	3 11	0s 7	1 7	7 49	2 25	11 46	0 20	4 19	0 13	21 39	0 54	23 32	0 3	16 51	0 11	23 44	0 5	12 4	6 0	4 0	4 7	1 8		n.a.
F 11	3 34	3 53	0 2	7 47	2 33	12 15	0 23	4 36	0 13	21 37	0 54	23 32	0 3	16 51	0 11	23 44	0 5	12 4	6 1	4 0	4 5	1 6		n.a.
S 12	3 57	7 31	1n 3	7 43	2 40	12 43	0 25	4 53	0 12	21 36	0 54	23 32	0 3	16 50	0 11	23 44	0 5	12 4	6 1	4 0	4 4	1 5		n.a.
S 13	4 20	10 52	2 7	7 37	2 47	13 11	0 28	5 11	0 11	21 34	0 55	23 33	0 3	16 50	0 11	23 44	0 5	12 4	6 1	4 0	4 3	1 3		n.a.
M14	4 43	13 48	3 5	7 28	2 53	13 39	0 31	5 27	0 11	21 32	0 55	23 33	0 3	16 49	0 11	23 44	0 5	12 3	6 1	4 0	4 2	1 1		n.a.
T 15	5 6	16 10	3 56	7 17	2 57	14 6	0 33	5 44	0 10	21 31	0 55	23 34	0 3	16 49	0 11	23 43	0 5	12 3	6 1	4 0	4 0	0 59		n.a.
W16	5 29	17 48	4 36	7 3	3 1	14 33	0 36	6 1	0 10	21 29	0 55	23 34	0 3	16 48	0 11	23 43	0 5	12 3	6 1	4 0	3 59	0 57		n.a.
T 17	5 51	18 35	5 4	6 48	3 4	15 0	0 38	6 18	0 9	21 28	0 56	23 34	0 3	16 47	0 11	23 43	0 5	12 2	6 1	4 0	3 58	0 55		n.a.
F 18	6 14	18 25	5 17	6 30	3 7	15 26	0 41	6 35	0 8	21 26	0 56	23 35	0 3	16 47	0 11	23 43	0 5	12 2	6 1	3 59	3 57	0 53		n.a.
S 19	6 36	17 13	5 13	6 9	3 8	15 52	0 43	6 51	0 8	21 25	0 56	23 35	0 4	16 46	0 11	23 43	0 5	12 2	6 1	3 59	3 55	0 51		n.a.
S 20	6 59	15 0	4 52	5 47	3 9	16 17	0 46	7 8	0 7	21 23	0 56	23 36	0 4	16 46	0 11	23 43	0 5	12 1	6 1	4 0	3 54	0 49		n.a.
M21	7 21	11 50	4 12	5 23	3 9	16 42	0 49	7 24	0 7	21 22	0 57	23 36	0 4	16 45	0 11	23 43	0 5	12 1	6 1	4 0	3 53	0 47		n.a.
T 22	7 43	7 53	3 16	4 56	3 8	17 7	0 51	7 41	0 6	21 21	0 57	23 37	0 4	16 45	0 11	23 43	0 5	12 1	6 1	4 0	3 51	0 46		n.a.
W23	8 5	3 22	2 5	4 28	3 7	17 31	0 53	7 57	0 5	21 19	0 57	23 37	0 4	16 44	0 11	23 43	0 5	12 0	6 1	4 0	3 50	0 44		n.a.
T 24	8 27	1n25	0 45	3 58	3 5	17 55	0 56	8 13	0 5	21 18	0 58	23 37	0 4	16 43	0 11	23 43	0 5	12 0	6 1	4 1	3 49	0 42		n.a.
F 25	8 49	6 9	0s38	3 26	3 2	18 18	0 58	8 30	0 4	21 17	0 58	23 38	0 4	16 43	0 11	23 43	0 5	11 59	6 1	4 1	3 48	0 40		n.a.
S 26	9 10	10 28	1 58	2 52	2 58	18 41	1 1	8 46	0 4	21 15	0 58	23 38	0 4	16 42	0 11	23 43	0 5	11 59	6 1	4 0	3 46	0 38		n.a.
S 27	9 32	14 3	3 9	2 16	2 54	19 4	1 3	9 2	0 3	21 14	0 58	23 39	0 4	16 41	0 11	23 43	0 5	11 59	6 1	4 0	3 45	0 36		n.a.
M28	9 53	16 41	4 7	1 39	2 49	19 26	1 5	9 18	0 2	21 13	0 59	23 39	0 4	16 41	0 11	23 43	0 5	11 58	6 1	3 59	3 44	0 34		n.a.
T 29	10 14	18 13	4 47	1 0	2 44	19 47	1 8	9 34	0 2	21 12	0 59	23 39	0 4	16 40	0 11	23 43	0 5	11 58	6 1	3 58	3 43	0 32		n.a.
W30	10n35	18n39	5s10	0s19	2s38	20n 8	1n10	9n49	0s 1	21s11	0s59	23n40	0n 4	16s39	0n11	23n43	0n 5	11s58	6n 1	3s58	3s41	0n30		n.a.

Julian Day Number = 1281021.5, Delta T = 08h08m08s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'04, Lahiri = -20°36'03 Julian Calendar 1 Apr. 1206 BCE == Greg. Calendar 21 March 1206 BCE

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ASTRODIENST EPHEMERIS for the year 1206 BCE
geocentric

MAY 1206 BCE (-1205) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 49 5	27♈59'36	11♋44	6♈40	24♉54	25♈42	1♒20	22♊ 6	15°R45	7♋11	18°R55	9°R49	9♎ 6	26♍13	n.a.	T 1
F 2	13 53 1	28°56'47	24°28	8°13	26° 6	26°23	1°26	22°11	15♏43	7°12	18♏53	9°D48	9° 3	26°19	n.a.	F 2
S 3	13 56 58	29°53'58	6♌52	9°48	27°18	27° 4	1°32	22°17	15°41	7°13	18°52	9♎48	9° 0	26°26	n.a.	S 3
S 4	14 0 55	0♉51'08	19° 0	11°26	28°31	27°45	1°38	22°23	15°38	7°14	18°50	9°49	8°57	26°33	n.a.	S 4
M 5	14 4 51	1°48'17	0♍57	13° 7	29°43	28°25	1°43	22°28	15°36	7°15	18°49	9°50	8°54	26°39	n.a.	M 5
T 6	14 8 48	2°45'24	12°47	14°51	0♊55	29° 6	1°49	22°34	15°34	7°16	18°48	9°52	8°51	26°46	n.a.	T 6
W 7	14 12 44	3°42'32	24°35	16°37	2° 7	29°46	1°54	22°40	15°31	7°18	18°46	9°54	8°47	26°53	n.a.	W 7
T 8	14 16 41	4°39'38	6♎23	18°25	3°19	0♉27	1°59	22°46	15°29	7°19	18°45	9°R54	8°44	26°59	n.a.	T 8
F 9	14 20 37	5°36'44	18°17	20°17	4°32	1° 7	2° 4	22°52	15°26	7°20	18°43	9°54	8°41	27° 6	n.a.	F 9
S 10	14 24 34	6°33'49	0♏18	22°11	5°44	1°48	2° 8	22°58	15°24	7°21	18°42	9°53	8°38	27°13	n.a.	S 10
S 11	14 28 30	7°30'54	12°27	24° 7	6°56	2°28	2°13	23° 4	15°22	7°23	18°40	9°50	8°35	27°19	n.a.	S 11
M12	14 32 27	8°27'59	24°48	26° 5	8° 8	3° 9	2°17	23°10	15°19	7°24	18°39	9°46	8°31	27°26	n.a.	M12
T 13	14 36 24	9°25'03	7♐21	28° 6	9°20	3°49	2°21	23°17	15°17	7°25	18°37	9°41	8°28	27°33	n.a.	T 13
W14	14 40 20	10°22'07	20° 7	0♑ 8	10°31	4°29	2°25	23°23	15°14	7°27	18°36	9°36	8°25	27°39	n.a.	W14
T 15	14 44 17	11°19'12	3♑ 6	2°13	11°43	5°10	2°29	23°29	15°12	7°28	18°34	9°32	8°22	27°46	n.a.	T 15
F 16	14 48 13	12°16'16	16°20	4°19	12°55	5°50	2°33	23°36	15°10	7°29	18°32	9°28	8°19	27°53	n.a.	F 16
S 17	14 52 10	13°13'20	29°49	6°27	14° 7	6°30	2°36	23°42	15° 7	7°31	18°31	9°26	8°16	27°59	n.a.	S 17
S 18	14 56 6	14°10'24	13♒33	8°35	15°19	7°10	2°40	23°49	15° 5	7°32	18°29	9°D26	8°12	28° 6	n.a.	S 18
M19	15 0 3	15° 7'28	27°33	10°45	16°30	7°50	2°43	23°55	15° 2	7°34	18°28	9°26	8° 9	28°12	n.a.	M19
T 20	15 4 0	16° 4'33	11♓49	12°55	17°42	8°30	2°46	24° 2	15° 0	7°35	18°26	9°27	8° 6	28°19	n.a.	T 20
W21	15 7 56	17° 1'37	26°17	15° 6	18°54	9°10	2°48	24° 8	14°57	7°37	18°25	9°29	8° 3	28°26	n.a.	W21
T 22	15 11 53	17°58'42	10♈55	17°17	20° 5	9°50	2°51	24°15	14°55	7°38	18°23	9°R29	8° 0	28°32	n.a.	T 22
F 23	15 15 49	18°55'47	25°39	19°27	21°17	10°30	2°53	24°22	14°52	7°40	18°22	9°28	7°57	28°39	n.a.	F 23
S 24	15 19 46	19°52'53	10♉21	21°37	22°28	11°10	2°55	24°28	14°50	7°42	18°20	9°25	7°53	28°46	n.a.	S 24
S 25	15 23 42	20°49'58	24°55	23°46	23°40	11°50	2°57	24°35	14°48	7°43	18°19	9°21	7°50	28°52	n.a.	S 25
M26	15 27 39	21°47'04	9♊14	25°55	24°51	12°30	2°59	24°42	14°45	7°45	18°17	9°15	7°47	28°59	n.a.	M26
T 27	15 31 35	22°44'09	23°13	28° 2	26° 2	13°10	3° 1	24°49	14°43	7°47	18°16	9° 8	7°44	29° 6	n.a.	T 27
W28	15 35 32	23°41'15	6♋48	0♊ 8	27°14	13°49	3° 2	24°56	14°40	7°48	18°14	9° 1	7°41	29°12	n.a.	W28
T 29	15 39 29	24°38'21	19°58	2°13	28°25	14°29	3° 3	25° 3	14°38	7°50	18°12	8°55	7°37	29°19	n.a.	T 29
F 30	15 43 25	25°35'26	2♌44	4°16	29°36	15° 9	3° 4	25°10	14°36	7°52	18°11	8°51	7°34	29°26	n.a.	F 30
S 31	15 47 22	26♉32'32	15♌10	6♊17	0♋47	15♉48	3♒ 5	25♊17	14♏33	7♋53	18♏ 9	8♎49	7♎31	29♍32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	10n56	18n 3	5s16	0n23	2s31	20n28	1n12	10n 5	0s 1	21s 9	0s59	23n40	0n 5	16s39	0n11	23n43	0n 5	11s57	6n 0	3s57	3s40	0n29			n.a.
F 2	11 17	16 34	5 6	1 6	2 24	20 48	1 14	10 21	0 0	21 8	1 0	23 41	0 5	16 38	0 11	23 43	0 5	11 57	6 0	3 57	3 39	0 27			n.a.
S 3	11 37	14 19	4 42	1 51	2 17	21 7	1 17	10 36	0n 1	21 7	1 0	23 41	0 5	16 37	0 11	23 43	0 5	11 57	6 0	3 57	3 38	0 25			n.a.
S 4	11 58	11 29	4 5	2 38	2 9	21 26	1 19	10 52	0 1	21 6	1 0	23 42	0 5	16 37	0 11	23 43	0 5	11 56	6 0	3 57	3 36	0 23			n.a.
M 5	12 18	8 13	3 19	3 26	2 0	21 44	1 21	11 7	0 2	21 5	1 1	23 42	0 5	16 36	0 11	23 43	0 5	11 56	6 0	3 58	3 35	0 21			n.a.
T 6	12 38	4 39	2 24	4 15	1 51	22 2	1 23	11 22	0 2	21 4	1 1	23 42	0 5	16 35	0 11	23 43	0 5	11 56	6 0	3 58	3 34	0 19			n.a.
W 7	12 58	0 55	1 24	5 5	1 41	22 19	1 25	11 37	0 3	21 4	1 1	23 43	0 5	16 35	0 11	23 43	0 5	11 55	6 0	3 59	3 32	0 17			n.a.
T 8	13 17	2s52	0 19	5 56	1 32	22 35	1 27	11 52	0 4	21 3	1 2	23 43	0 5	16 34	0 11	23 43	0 5	11 55	6 0	3 59	3 31	0 15			n.a.
F 9	13 37	6 35	0n46	6 48	1 21	22 51	1 28	12 7	0 4	21 2	1 2	23 44	0 5	16 33	0 11	23 43	0 5	11 55	6 0	3 59	3 30	0 13			n.a.
S 10	13 56	10 3	1 50	7 41	1 11	23 6	1 30	12 22	0 5	21 1	1 2	23 44	0 5	16 33	0 11	23 42	0 5	11 54	6 0	3 58	3 29	0 12			n.a.
S 11	14 15	13 9	2 49	8 34	1 0	23 20	1 32	12 37	0 5	21 0	1 2	23 44	0 5	16 32	0 11	23 42	0 5	11 54	6 0	3 57	3 27	0 10			n.a.
M12	14 34	15 42	3 42	9 28	0 50	23 34	1 34	12 51	0 6	21 0	1 3	23 45	0 6	16 31	0 11	23 42	0 5	11 54	6 0	3 56	3 26	0 8			n.a.
T 13	14 52	17 33	4 25	10 22	0 39	23 47	1 35	13 6	0 7	20 59	1 3	23 45	0 6	16 31	0 11	23 42	0 5	11 53	6 0	3 54	3 25	0 6			n.a.
W14	15 10	18 34	4 55	11 17	0 27	24 0	1 37	13 20	0 7	20 58	1 3	23 46	0 6	16 30	0 11	23 42	0 5	11 53	6 0	3 52	3 24	0 4			n.a.
T 15	15 29	18 37	5 11	12 11	0 16	24 11	1 38	13 35	0 8	20 58	1 4	23 46	0 6	16 29	0 11	23 42	0 5	11 53	6 0	3 50	3 22	0 2			n.a.
F 16	15 46	17 41	5 10	13 5	0 5	24 22	1 40	13 49	0 8	20 57	1 4	23 46	0 6	16 28	0 11	23 42	0 5	11 52	6 0	3 49	3 21	0 0			n.a.
S 17	16 4	15 45	4 53	13 58	0n 5	24 33	1 41	14 3	0 9	20 57	1 4	23 47	0 6	16 28	0 11	23 42	0 5	11 52	6 0	3 48	3 20	0s 2			n.a.
S 18	16 21	12 54	4 19	14 51	0 16	24 43	1 43	14 17	0 9	20 56	1 5	23 47	0 6	16 27	0 11	23 42	0 5	11 52	5 59	3 48	3 18	0 4			n.a.
M19	16 38	9 15	3 29	15 43	0 26	24 52	1 44	14 31	0 10	20 56	1 5	23 48	0 6	16 26	0 11	23 42	0 5	11 51	5 59	3 48	3 17	0 5			n.a.
T 20	16 55	5 1	2 25	16 33	0 36	25 0	1 45	14 44	0 11	20 55	1 5	23 48	0 6	16 26	0 11	23 42	0 5	11 51	5 59	3 48	3 16	0 7			n.a.
W21	17 12	0 25	1 11	17 22	0 46	25 8	1 46	14 58	0 11	20 55	1 6	23 48	0 6	16 25	0 11	23 42	0 5	11 51	5 59	3 49	3 15	0 9			n.a.
T 22	17 28	4n16	0s 8	18 9	0 55	25 14	1 47	15 11	0 12	20 55	1 6	23 49	0 6	16 24	0 11	23 42	0 5	11 50	5 59	3 49	3 13	0 11			n.a.
F 23	17 44	8 44	1 27	18 54	1 4	25 21	1 48	15 25	0 12	20 55	1 6	23 49	0 6	16 23	0 11	23 42	0 5	11 50	5 59	3 49	3 12	0 13			n.a.
S 24	18 0	12 38	2 40	19 37	1 12	25 26	1 49	15 38	0 13	20 54	1 7	23 50	0 7	16 23	0 11	23 41	0 5	11 50	5 59	3 48	3 11	0 15			n.a.
S 25	18 16	15 44	3 42	20 18	1 19	25 31	1 50	15 51	0 14	20 54	1 7	23 50	0 7	16 22	0 11	23 41	0 5	11 49	5 59	3 46	3 10	0 17			n.a.
M26	18 31	17 47	4 28	20 57	1 26	25 35	1 51	16 4	0 14	20 54	1 7	23 50	0 7	16 21	0 11	23 41	0 5	11 49	5 59	3 43	3 8	0 19			n.a.
T 27	18 46	18 42	4 58	21 33	1 32	25 38	1 51	16 17	0 15	20 54	1 8	23 51	0 7	16 20	0 11	23 41	0 5	11 49	5 59	3 41	3 7	0 21			n.a.
W28	19 0	18 31	5 9	22 6	1 38	25 40	1 52	16 30	0 15	20 54	1 8	23 51	0 7	16 20	0 11	23 41	0 5	11 48	5 58	3 38	3 6	0 22			n.a.
T 29	19 15	17 19	5 4	22 37	1 42	25 42	1 52	16 42	0 16	20 54	1 8	23 51	0 7	16 19	0 11	23 41	0 5	11 48	5 58	3 36	3 4	0 24			n.a.
F 30	19 28	15 17	4 43	23 5	1 46	25 43	1 53	16 55	0 16	20 54	1 8	23 52	0 7	16 18	0 11	23 41	0 5	11 48	5 58	3 34	3 3	0 26			n.a.
S 31	19n42	12n35	4s10	23n31	1n50	25n43	1n53	17n 7	0n17	20s54	1s 9	23n52	0n 7	16s18	0n11	23n41	0n 5	11s47	5n58	3s33	3s 2	0s28			n.a.

Julian Day Number = 1281051.5, Delta T = 08h08m06s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°43'00, Lahiri = -20°35'59 Julian Calendar 1 May 1206 BCE == Greg. Calendar 20 Apr. 1206 BCE

The year -1205 astronomical counting style corresponds to year 1206 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1206 BCE
geocentric

JUNE 1206 BCE (-1205) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 51 18	27♉29'37	27♌18	8♊17	1♋59	16♉28	3♒ 6	25♊24	14°R31	7♋55	18°R 8	8°D48	7♎28	29♍39	n.a.	S 1
M 2	15 55 15	28°26'43	9♍15	10°15	3°10	17° 8	3° 6	25°31	14♏28	7°57	18♏ 6	8♎48	7°25	29°46	n.a.	M 2
T 3	15 59 11	29°23'48	21° 5	12°11	4°21	17°47	3° 7	25°38	14°26	7°59	18° 5	8°49	7°22	29°52	n.a.	T 3
W 4	16 3 8	0♊20'54	2♎53	14° 6	5°32	18°27	3°R 7	25°46	14°24	8° 1	18° 3	8°R50	7°18	29°59	n.a.	W 4
T 5	16 7 5	1°18'00	14°44	15°58	6°42	19° 6	3° 6	25°53	14°21	8° 2	18° 2	8°50	7°15	0♎ 5	n.a.	T 5
F 6	16 11 1	2°15'07	26°43	17°49	7°53	19°46	3° 6	26° 0	14°19	8° 4	18° 0	8°49	7°12	0°12	n.a.	F 6
S 7	16 14 58	3°12'13	8♏52	19°38	9° 4	20°25	3° 6	26° 7	14°17	8° 6	17°59	8°45	7° 9	0°19	n.a.	S 7
S 8	16 18 54	4° 9'21	21°15	21°25	10°15	21° 4	3° 5	26°15	14°15	8° 8	17°57	8°39	7° 6	0°25	n.a.	S 8
M 9	16 22 51	5° 6'28	3♐52	23°10	11°25	21°44	3° 4	26°22	14°12	8°10	17°56	8°31	7° 3	0°32	n.a.	M 9
T 10	16 26 47	6° 3'37	16°45	24°53	12°36	22°23	3° 3	26°29	14°10	8°12	17°54	8°21	6°59	0°39	n.a.	T 10
W11	16 30 44	7° 0'46	29°52	26°34	13°47	23° 2	3° 2	26°37	14° 8	8°14	17°53	8°11	6°56	0°45	n.a.	W11
T 12	16 34 40	7°57'56	13♑12	28°14	14°57	23°42	3° 0	26°44	14° 6	8°16	17°52	8° 2	6°53	0°52	n.a.	T 12
F 13	16 38 37	8°55'06	26°44	29°51	16° 7	24°21	2°58	26°51	14° 4	8°18	17°50	7°54	6°50	0°59	n.a.	F 13
S 14	16 42 34	9°52'18	10♒27	1♋27	17°18	25° 0	2°57	26°59	14° 2	8°20	17°49	7°49	6°47	1° 5	n.a.	S 14
S 15	16 46 30	10°49'31	24°18	3° 1	18°28	25°39	2°54	27° 6	13°59	8°22	17°47	7°45	6°43	1°12	n.a.	S 15
M16	16 50 27	11°46'44	8♓17	4°33	19°38	26°18	2°52	27°14	13°57	8°24	17°46	7°D44	6°40	1°19	n.a.	M16
T 17	16 54 23	12°43'59	22°24	6° 3	20°48	26°57	2°50	27°21	13°55	8°26	17°45	7°44	6°37	1°25	n.a.	T 17
W18	16 58 20	13°41'15	6♈36	7°31	21°58	27°36	2°47	27°29	13°53	8°28	17°43	7°R45	6°34	1°32	n.a.	W18
T 19	17 2 16	14°38'32	20°54	8°58	23° 8	28°15	2°44	27°36	13°51	8°30	17°42	7°44	6°31	1°39	n.a.	T 19
F 20	17 6 13	15°35'51	5♉14	10°22	24°18	28°54	2°41	27°44	13°49	8°32	17°41	7°42	6°28	1°45	n.a.	F 20
S 21	17 10 9	16°33'10	19°32	11°45	25°28	29°33	2°38	27°52	13°47	8°34	17°39	7°37	6°24	1°52	n.a.	S 21
S 22	17 14 6	17°30'31	3♊44	13° 5	26°38	0♊12	2°35	27°59	13°46	8°36	17°38	7°29	6°21	1°58	n.a.	S 22
M23	17 18 3	18°27'53	17°45	14°24	27°48	0°51	2°31	28° 7	13°44	8°38	17°37	7°19	6°18	2° 5	n.a.	M23
T 24	17 21 59	19°25'16	1♋30	15°40	28°57	1°30	2°27	28°14	13°42	8°41	17°36	7° 8	6°15	2°12	n.a.	T 24
W25	17 25 56	20°22'40	14°57	16°54	0♌ 7	2° 9	2°23	28°22	13°40	8°43	17°34	6°56	6°12	2°18	n.a.	W25
T 26	17 29 52	21°20'05	28° 1	18° 6	1°16	2°48	2°19	28°30	13°38	8°45	17°33	6°46	6° 9	2°25	n.a.	T 26
F 27	17 33 49	22°17'31	10♌45	19°15	2°26	3°26	2°15	28°37	13°37	8°47	17°32	6°38	6° 5	2°32	n.a.	F 27
S 28	17 37 45	23°14'58	23° 9	20°23	3°35	4° 5	2°11	28°45	13°35	8°49	17°31	6°32	6° 2	2°38	n.a.	S 28
S 29	17 41 42	24°12'26	5♍17	21°27	4°44	4°44	2° 6	28°53	13°33	8°51	17°29	6°29	5°59	2°45	n.a.	S 29
M30	17 45 39	25♊ 9'54	17♍13	22♋29	5♌53	5♊22	2♒ 1	29♊ 0	13♏32	8♋53	17♏28	6♎27	5♎56	2♎52	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n56	9n24	3s25	23n54	1n52	25n43	1n54	17n19	0n18	20s54	1s 9	23n52	0n 7	16s17	0n11	23n41	0n 5	11s47	5n58	3s33	3s 1	0s30		n.a.
M 2	20 9	5 52	2 33	24 15	1 55	25 41	1 54	17 31	0 18	20 55	1 9	23 53	0 7	16 16	0 11	23 41	0 5	11 47	5 58	3 33	2 59	0 32		n.a.
T 3	20 21	2 9	1 35	24 32	1 56	25 39	1 54	17 43	0 19	20 55	1 10	23 53	0 7	16 16	0 11	23 41	0 5	11 47	5 58	3 33	2 58	0 34		n.a.
W 4	20 34	1s39	0 32	24 48	1 57	25 37	1 54	17 55	0 19	20 55	1 10	23 53	0 7	16 15	0 11	23 40	0 5	11 46	5 57	3 34	2 57	0 36		n.a.
T 5	20 46	5 25	0n32	25 1	1 57	25 33	1 54	18 6	0 20	20 56	1 10	23 54	0 8	16 14	0 11	23 40	0 5	11 46	5 57	3 34	2 55	0 38		n.a.
F 6	20 57	9 0	1 35	25 12	1 56	25 29	1 54	18 18	0 21	20 56	1 11	23 54	0 8	16 14	0 11	23 40	0 5	11 46	5 57	3 33	2 54	0 39		n.a.
S 7	21 9	12 15	2 34	25 20	1 55	25 24	1 53	18 29	0 21	20 56	1 11	23 54	0 8	16 13	0 11	23 40	0 5	11 45	5 57	3 31	2 53	0 41		n.a.
S 8	21 20	15 2	3 27	25 26	1 53	25 19	1 53	18 40	0 22	20 57	1 11	23 55	0 8	16 12	0 11	23 40	0 5	11 45	5 57	3 29	2 52	0 43		n.a.
M 9	21 30	17 9	4 11	25 30	1 51	25 12	1 53	18 51	0 22	20 57	1 12	23 55	0 8	16 12	0 11	23 40	0 5	11 45	5 57	3 26	2 50	0 45		n.a.
T 10	21 41	18 28	4 44	25 32	1 48	25 5	1 52	19 2	0 23	20 58	1 12	23 55	0 8	16 11	0 11	23 40	0 5	11 45	5 57	3 22	2 49	0 47		n.a.
W11	21 50	18 49	5 2	25 32	1 45	24 57	1 51	19 13	0 23	20 59	1 12	23 55	0 8	16 10	0 11	23 40	0 5	11 45	5 56	3 18	2 48	0 49		n.a.
T 12	22 0	18 8	5 3	25 30	1 41	24 49	1 51	19 24	0 24	20 59	1 13	23 56	0 8	16 10	0 11	23 40	0 5	11 44	5 56	3 14	2 47	0 51		n.a.
F 13	22 9	16 26	4 49	25 26	1 36	24 40	1 50	19 34	0 25	21 0	1 13	23 56	0 8	16 9	0 11	23 39	0 5	11 44	5 56	3 11	2 45	0 53		n.a.
S 14	22 18	13 47	4 17	25 21	1 31	24 30	1 49	19 44	0 25	21 1	1 13	23 56	0 8	16 8	0 11	23 39	0 5	11 44	5 56	3 9	2 44	0 54		n.a.
S 15	22 26	10 20	3 30	25 14	1 26	24 19	1 48	19 54	0 26	21 2	1 14	23 57	0 8	16 8	0 11	23 39	0 5	11 44	5 56	3 8	2 43	0 56		n.a.
M16	22 34	6 17	2 30	25 5	1 20	24 8	1 47	20 4	0 26	21 2	1 14	23 57	0 8	16 7	0 11	23 39	0 5	11 43	5 55	3 7	2 41	0 58		n.a.
T 17	22 42	1 50	1 21	24 55	1 14	23 56	1 46	20 14	0 27	21 3	1 14	23 57	0 9	16 6	0 11	23 39	0 5	11 43	5 55	3 7	2 40	1 0		n.a.
W18	22 49	2n45	0 6	24 44	1 7	23 44	1 44	20 24	0 27	21 4	1 15	23 57	0 9	16 6	0 11	23 39	0 5	11 43	5 55	3 7	2 39	1 2		n.a.
T 19	22 56	7 13	1s10	24 31	1 0	23 30	1 43	20 33	0 28	21 5	1 15	23 58	0 9	16 5	0 11	23 39	0 5	11 43	5 55	3 7	2 38	1 4		n.a.
F 20	23 3	11 16	2 21	24 18	0 52	23 17	1 42	20 43	0 29	21 6	1 15	23 58	0 9	16 5	0 11	23 39	0 5	11 43	5 55	3 6	2 36	1 6		n.a.
S 21	23 9	14 39	3 23	24 3	0 45	23 2	1 40	20 52	0 29	21 7	1 16	23 58	0 9	16 4	0 11	23 38	0 5	11 42	5 55	3 4	2 35	1 8		n.a.
S 22	23 14	17 7	4 12	23 47	0 36	22 47	1 38	21 1	0 30	21 8	1 16	23 58	0 9	16 4	0 11	23 38	0 5	11 42	5 54	3 1	2 34	1 9		n.a.
M23	23 19	18 32	4 45	23 30	0 28	22 31	1 37	21 10	0 30	21 9	1 16	23 58	0 9	16 3	0 11	23 38	0 5	11 42	5 54	2 57	2 33	1 11		n.a.
T 24	23 24	18 49	5 1	23 13	0 19	22 15	1 35	21 18	0 31	21 11	1 16	23 59	0 9	16 2	0 11	23 38	0 5	11 42	5 54	2 52	2 31	1 13		n.a.
W25	23 29	18 2	4 59	22 54	0 9	21 58	1 33	21 27	0 31	21 12	1 17	23 59	0 9	16 2	0 11	23 38	0 5	11 42	5 54	2 48	2 30	1 15		n.a.
T 26	23 33	16 18	4 42	22 35	0s 0	21 41	1 31	21 35	0 32	21 13	1 17	23 59	0 9	16 1	0 11	23 38	0 5	11 42	5 54	2 44	2 29	1 17		n.a.
F 27	23 36	13 48	4 11	22 16	0 10	21 23	1 29	21 43	0 33	21 14	1 17	23 59	0 9	16 1	0 11	23 38	0 5	11 42	5 53	2 40	2 27	1 19		n.a.
S 28	23 40	10 45	3 29	21 56	0 20	21 4	1 26	21 51	0 33	21 16	1 18	23 59	0 9	16 0	0 11	23 38	0 5	11 41	5 53	2 38	2 26	1 21		n.a.
S 29	23 42	7 17	2 38	21 35	0 31	20 45	1 24	21 59	0 34	21 17	1 18	23 59	0 10	16 0	0 11	23 37	0 5	11 41	5 53	2 37	2 25	1 23		n.a.
M30	23n45	3n35	1s40	21n15	0s41	20n26	1n22	22n 7	0n34	21s18	1s18	24n 0	0n10	15s59	0n11	23n37	0n 5	11s41	5n53	2s36	2s24	1s24		n.a.

Julian Day Number = 1281082.5, Delta T = 08h08m05s
Ecliptic obliquity = 23°50'07, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'55, Lahiri = -20°35'55 Julian Calendar 1 June 1206 BCE == Greg. Calendar 21 May 1206 BCE

The year -1205 astronomical counting style corresponds to year 1206 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1206 BCE
geocentric

JULY 1206 BCE (-1205) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 49 35	26♊ 7'24	29♍ 3	23♋29	7♌ 2	6♊ 1	1°R56	29♊ 8	13°R30	8♋56	17°R27	6°D27	5♎53	2♎58	n.a.	T 1
W 2	17 53 32	27° 4'55	10♎52	24°25	8°11	6°40	1♒51	29°16	13♏28	8°58	17♏26	6°R27	5°49	3° 5	n.a.	W 2
T 3	17 57 28	28° 2'26	22°45	25°19	9°20	7°18	1°46	29°23	13°27	9° 0	17°25	6♎26	5°46	3°12	n.a.	T 3
F 4	18 1 25	28°59'59	4♏47	26°10	10°29	7°57	1°40	29°31	13°25	9° 2	17°24	6°23	5°43	3°18	n.a.	F 4
S 5	18 5 21	29°57'34	17° 3	26°57	11°37	8°35	1°35	29°39	13°24	9° 4	17°23	6°18	5°40	3°25	n.a.	S 5
S 6	18 9 18	0♋55'09	29°36	27°41	12°46	9°14	1°29	29°46	13°23	9° 7	17°22	6°11	5°37	3°31	n.a.	S 6
M 7	18 13 14	1°52'46	12♐28	28°21	13°54	9°52	1°23	29°54	13°21	9° 9	17°21	6° 1	5°34	3°38	n.a.	M 7
T 8	18 17 11	2°50'24	25°40	28°57	15° 2	10°31	1°17	0♋ 2	13°20	9°11	17°20	5°49	5°30	3°45	n.a.	T 8
W 9	18 21 8	3°48'03	9♑10	29°30	16°11	11° 9	1°11	0° 9	13°19	9°13	17°19	5°36	5°27	3°51	n.a.	W 9
T 10	18 25 4	4°45'44	22°55	29°58	17°19	11°48	1° 5	0°17	13°18	9°15	17°18	5°25	5°24	3°58	n.a.	T 10
F 11	18 29 1	5°43'27	6♒52	0♌21	18°27	12°26	0°58	0°25	13°16	9°18	17°17	5°15	5°21	4° 5	n.a.	F 11
S 12	18 32 57	6°41'11	20°56	0°40	19°34	13° 4	0°52	0°32	13°15	9°20	17°16	5° 7	5°18	4°11	n.a.	S 12
S 13	18 36 54	7°38'57	5♓ 5	0°54	20°42	13°43	0°45	0°40	13°14	9°22	17°15	5° 3	5°14	4°18	n.a.	S 13
M14	18 40 50	8°36'45	19°14	1° 3	21°50	14°21	0°39	0°48	13°13	9°24	17°15	5° 1	5°11	4°25	n.a.	M14
T 15	18 44 47	9°34'35	3♈23	1°R 6	22°57	14°59	0°32	0°55	13°12	9°27	17°14	5° 0	5° 8	4°31	n.a.	T 15
W16	18 48 43	10°32'27	17°30	1° 3	24° 4	15°37	0°25	1° 3	13°11	9°29	17°13	5° 0	5° 5	4°38	n.a.	W16
T 17	18 52 40	11°30'21	1♉33	0°55	25°11	16°15	0°18	1°10	13°10	9°31	17°12	4°59	5° 2	4°45	n.a.	T 17
F 18	18 56 37	12°28'17	15°33	0°41	26°19	16°54	0°11	1°18	13° 9	9°33	17°12	4°56	4°59	4°51	n.a.	F 18
S 19	19 0 33	13°26'14	29°27	0°21	27°25	17°32	0° 3	1°26	13° 9	9°35	17°11	4°51	4°55	4°58	n.a.	S 19
S 20	19 4 30	14°24'14	13♊14	29♋56	28°32	18°10	29♑56	1°33	13° 8	9°38	17°10	4°42	4°52	5° 5	n.a.	S 20
M21	19 8 26	15°22'16	26°51	29°24	29°39	18°48	29°48	1°41	13° 7	9°40	17°10	4°31	4°49	5°11	n.a.	M21
T 22	19 12 23	16°20'20	10♋15	28°47	0♍45	19°26	29°41	1°48	13° 6	9°42	17° 9	4°19	4°46	5°18	n.a.	T 22
W23	19 16 19	17°18'25	23°24	28° 4	1°52	20° 4	29°33	1°56	13° 6	9°44	17° 8	4° 7	4°43	5°24	n.a.	W23
T 24	19 20 16	18°16'32	6♌15	27°17	2°58	20°42	29°26	2° 3	13° 5	9°47	17° 8	3°56	4°40	5°31	n.a.	T 24
F 25	19 24 12	19°14'41	18°50	26°25	4° 4	21°20	29°18	2°11	13° 5	9°49	17° 7	3°46	4°36	5°38	n.a.	F 25
S 26	19 28 9	20°12'52	1♍ 9	25°31	5°10	21°58	29°10	2°18	13° 4	9°51	17° 7	3°39	4°33	5°44	n.a.	S 26
S 27	19 32 6	21°11'04	13°13	24°34	6°15	22°36	29° 2	2°26	13° 4	9°53	17° 6	3°35	4°30	5°51	n.a.	S 27
M28	19 36 2	22° 9'18	25° 8	23°36	7°21	23°14	28°55	2°33	13° 3	9°55	17° 6	3°33	4°27	5°58	n.a.	M28
T 29	19 39 59	23° 7'34	6♎56	22°38	8°26	23°52	28°47	2°40	13° 3	9°58	17° 6	3°D33	4°24	6° 4	n.a.	T 29
W30	19 43 55	24° 5'51	18°44	21°41	9°31	24°29	28°39	2°48	13° 3	10° 0	17° 5	3°R34	4°20	6°11	n.a.	W30
T 31	19 47 52	25♋ 4'11	0♏37	20♋47	10♍36	25♊ 7	28♑31	2♋55	13♏ 3	10♋ 2	17♏ 5	3♎33	4♎17	6♎18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n47	0s13	0s39	20n54	0s52	20n 5	1n19	22n14	0n35	21s20	1s19	24n 0	0n10	15s59	0n11	23n37	0n 5	11s41	5n52	2s36	2s22	1s26			n.a.
W 2	23 48	4 1	0n23	20 33	1 3	19 45	1 16	22 22	0 35	21 21	1 19	24 0	0 10	15 59	0 11	23 37	0 5	11 41	5 52	2 36	2 21	1 28			n.a.
T 3	23 49	7 40	1 25	20 12	1 15	19 24	1 14	22 29	0 36	21 23	1 19	24 0	0 10	15 58	0 11	23 37	0 5	11 41	5 52	2 36	2 20	1 30			n.a.
F 4	23 50	11 4	2 24	19 52	1 26	19 2	1 11	22 36	0 36	21 24	1 19	24 0	0 10	15 58	0 11	23 37	0 5	11 41	5 52	2 35	2 18	1 32			n.a.
S 5	23 50	14 3	3 17	19 31	1 38	18 40	1 8	22 43	0 37	21 26	1 20	24 0	0 10	15 57	0 11	23 37	0 5	11 41	5 51	2 33	2 17	1 34			n.a.
S 6	23 50	16 27	4 2	19 11	1 49	18 18	1 5	22 49	0 38	21 27	1 20	24 0	0 10	15 57	0 10	23 36	0 5	11 41	5 51	2 30	2 16	1 36			n.a.
M 7	23 49	18 6	4 36	18 51	2 1	17 55	1 2	22 56	0 38	21 29	1 20	24 0	0 10	15 56	0 10	23 36	0 6	11 41	5 51	2 25	2 15	1 38			n.a.
T 8	23 48	18 50	4 56	18 32	2 13	17 31	0 59	23 2	0 39	21 30	1 20	24 0	0 10	15 56	0 10	23 36	0 6	11 41	5 51	2 21	2 13	1 39			n.a.
W 9	23 47	18 31	5 0	18 14	2 25	17 8	0 55	23 8	0 39	21 32	1 21	24 1	0 10	15 56	0 10	23 36	0 6	11 41	5 51	2 16	2 12	1 41			n.a.
T 10	23 45	17 8	4 47	17 57	2 36	16 43	0 52	23 14	0 40	21 34	1 21	24 1	0 11	15 55	0 10	23 36	0 6	11 41	5 50	2 11	2 11	1 43			n.a.
F 11	23 43	14 43	4 17	17 40	2 48	16 19	0 48	23 20	0 40	21 35	1 21	24 1	0 11	15 55	0 10	23 36	0 6	11 41	5 50	2 7	2 9	1 45			n.a.
S 12	23 40	11 26	3 31	17 25	3 0	15 54	0 45	23 25	0 41	21 37	1 21	24 1	0 11	15 55	0 10	23 36	0 6	11 41	5 50	2 4	2 8	1 47			n.a.
S 13	23 37	7 28	2 31	17 11	3 11	15 29	0 41	23 31	0 41	21 39	1 22	24 1	0 11	15 54	0 10	23 35	0 6	11 41	5 50	2 2	2 7	1 49			n.a.
M14	23 33	3 4	1 22	16 59	3 22	15 3	0 37	23 36	0 42	21 41	1 22	24 1	0 11	15 54	0 10	23 35	0 6	11 41	5 49	2 1	2 6	1 51			n.a.
T 15	23 29	1n30	0 9	16 48	3 32	14 37	0 34	23 41	0 43	21 42	1 22	24 1	0 11	15 54	0 10	23 35	0 6	11 41	5 49	2 1	2 4	1 53			n.a.
W16	23 25	5 58	1s 6	16 39	3 42	14 11	0 30	23 46	0 43	21 44	1 22	24 1	0 11	15 53	0 10	23 35	0 6	11 41	5 49	2 1	2 3	1 54			n.a.
T 17	23 20	10 6	2 16	16 32	3 51	13 44	0 26	23 50	0 44	21 46	1 23	24 1	0 11	15 53	0 10	23 35	0 6	11 41	5 49	2 1	2 2	1 56			n.a.
F 18	23 14	13 38	3 17	16 26	3 59	13 17	0 21	23 55	0 44	21 48	1 23	24 1	0 11	15 53	0 10	23 35	0 6	11 41	5 48	2 0	2 1	1 58			n.a.
S 19	23 9	16 22	4 6	16 23	4 7	12 50	0 17	23 59	0 45	21 49	1 23	24 1	0 11	15 53	0 10	23 35	0 6	11 41	5 48	1 57	1 59	2 0			n.a.
S 20	23 2	18 7	4 41	16 23	4 13	12 23	0 13	24 3	0 45	21 51	1 23	24 1	0 11	15 52	0 10	23 34	0 6	11 41	5 48	1 54	1 58	2 2			n.a.
M21	22 56	18 49	4 58	16 24	4 18	11 55	0 9	24 7	0 46	21 53	1 23	24 1	0 12	15 52	0 10	23 34	0 6	11 41	5 47	1 50	1 57	2 4			n.a.
T 22	22 49	18 27	5 0	16 28	4 22	11 27	0 4	24 11	0 46	21 55	1 24	24 1	0 12	15 52	0 10	23 34	0 6	11 41	5 47	1 45	1 55	2 6			n.a.
W23	22 42	17 6	4 45	16 34	4 24	10 59	0s 0	24 14	0 47	21 57	1 24	24 1	0 12	15 52	0 10	23 34	0 6	11 41	5 47	1 40	1 54	2 8			n.a.
T 24	22 34	14 54	4 15	16 43	4 25	10 31	0 5	24 18	0 48	21 58	1 24	24 1	0 12	15 52	0 10	23 34	0 6	11 41	5 47	1 35	1 53	2 9			n.a.
F 25	22 26	12 2	3 34	16 54	4 24	10 2	0 10	24 21	0 48	22 0	1 24	24 1	0 12	15 52	0 10	23 34	0 6	11 41	5 46	1 31	1 52	2 11			n.a.
S 26	22 17	8 42	2 43	17 7	4 20	9 33	0 14	24 24	0 49	22 2	1 24	24 1	0 12	15 51	0 10	23 33	0 6	11 42	5 46	1 29	1 50	2 13			n.a.
S 27	22 8	5 4	1 46	17 23	4 15	9 4	0 19	24 27	0 49	22 4	1 24	24 1	0 12	15 51	0 10	23 33	0 6	11 42	5 46	1 27	1 49	2 15			n.a.
M28	21 59	1 17	0 45	17 40	4 8	8 35	0 24	24 29	0 50	22 6	1 25	24 1	0 12	15 51	0 10	23 33	0 6	11 42	5 46	1 26	1 48	2 17			n.a.
T 29	21 49	2s31	0n18	17 58	3 59	8 6	0 29	24 32	0 50	22 7	1 25	24 1	0 12	15 51	0 10	23 33	0 6	11 42	5 45	1 26	1 46	2 19			n.a.
W30	21 39	6 14	1 20	18 18	3 48	7 36	0 34	24 34	0 51	22 9	1 25	24 1	0 12	15 51	0 10	23 33	0 6	11 42	5 45	1 26	1 45	2 21			n.a.
T 31	21n28	9s42	2n19	18n39	3s35	7n 7	0s39	24n36	0n51	22s11	1s25	24n 1	0n12	15s51	0n10	23n33	0n 6	11s42	5n45	1s26	1s44	2s22			n.a.

Julian Day Number = 1281112.5, Delta T = 08h08m03s
Ecliptic obliquity = 23°50'07, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'51, Lahiri = -20°35'51 Julian Calendar 1 July 1206 BCE == Greg. Calendar 20 June 1206 BCE

The year -1205 astronomical counting style corresponds to year 1206 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1206 BCE
geocentric

AUGUST 1206 BCE (-1205) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 51 48	26♋ 2'31	12♏40	19°R57	11♍41	25♊45	28°R23	3♋ 2	13°R 2	10♋ 4	17°R 5	3°R32	4♎14	6♎24	n.a.	F 1
S 2	19 55 45	27° 0'54	24°58	19♋12	12°45	26°23	28♉15	3°10	13♏ 2	10° 6	17♏ 4	3♎29	4°11	6°31	n.a.	S 2
S 3	19 59 41	27°59'18	7♐36	18°33	13°49	27° 0	28° 7	3°17	13° 2	10° 8	17° 4	3°23	4° 8	6°38	n.a.	S 3
M 4	20 3 38	28°57'44	20°36	18° 1	14°53	27°38	27°59	3°24	13°D 2	10°10	17° 4	3°15	4° 5	6°44	n.a.	M 4
T 5	20 7 34	29°56'12	4♉ 0	17°37	15°57	28°16	27°51	3°31	13° 2	10°13	17° 4	3° 5	4° 1	6°51	n.a.	T 5
W 6	20 11 31	0♌54'42	17°47	17°22	17° 1	28°53	27°43	3°38	13° 2	10°15	17° 3	2°55	3°58	6°58	n.a.	W 6
T 7	20 15 28	1°53'14	1♒54	17°D16	18° 4	29°31	27°35	3°45	13° 2	10°17	17° 3	2°45	3°55	7° 4	n.a.	T 7
F 8	20 19 24	2°51'48	16°15	17°19	19° 7	0♋ 9	27°27	3°53	13° 3	10°19	17° 3	2°37	3°52	7°11	n.a.	F 8
S 9	20 23 21	3°50'24	0♓46	17°32	20°10	0°46	27°19	4° 0	13° 3	10°21	17° 3	2°31	3°49	7°17	n.a.	S 9
S 10	20 27 17	4°49'03	15°19	17°54	21°12	1°24	27°12	4° 7	13° 3	10°23	17° 3	2°27	3°46	7°24	n.a.	S 10
M11	20 31 14	5°47'43	29°49	18°25	22°14	2° 1	27° 4	4°14	13° 3	10°25	17°D 3	2°D26	3°42	7°31	n.a.	M11
T 12	20 35 10	6°46'26	14♈12	19° 5	23°16	2°39	26°56	4°20	13° 4	10°27	17° 3	2°27	3°39	7°37	n.a.	T 12
W13	20 39 7	7°45'11	28°24	19°54	24°18	3°16	26°48	4°27	13° 4	10°29	17° 3	2°27	3°36	7°44	n.a.	W13
T 14	20 43 3	8°43'59	12♉25	20°50	25°19	3°54	26°41	4°34	13° 5	10°31	17° 3	2°R28	3°33	7°51	n.a.	T 14
F 15	20 47 0	9°42'49	26°15	21°54	26°21	4°31	26°33	4°41	13° 5	10°33	17° 3	2°26	3°30	7°57	n.a.	F 15
S 16	20 50 57	10°41'42	9♊52	23° 4	27°21	5° 8	26°26	4°48	13° 6	10°35	17° 4	2°23	3°26	8° 4	n.a.	S 16
S 17	20 54 53	11°40'37	23°18	24°21	28°22	5°46	26°18	4°54	13° 7	10°37	17° 4	2°17	3°23	8°11	n.a.	S 17
M18	20 58 50	12°39'35	6♋31	25°43	29°22	6°23	26°11	5° 1	13° 7	10°39	17° 4	2°10	3°20	8°17	n.a.	M18
T 19	21 2 46	13°38'35	19°32	27°10	0♎22	7° 0	26° 4	5° 8	13° 8	10°41	17° 4	2° 1	3°17	8°24	n.a.	T 19
W20	21 6 43	14°37'37	2♌19	28°41	1°21	7°38	25°56	5°14	13° 9	10°43	17° 5	1°53	3°14	8°31	n.a.	W20
T 21	21 10 39	15°36'41	14°53	0♌16	2°20	8°15	25°49	5°21	13°10	10°45	17° 5	1°45	3°11	8°37	n.a.	T 21
F 22	21 14 36	16°35'48	27°15	1°53	3°19	8°52	25°42	5°27	13°11	10°47	17° 5	1°38	3° 7	8°44	n.a.	F 22
S 23	21 18 32	17°34'57	9♍24	3°34	4°17	9°29	25°36	5°33	13°11	10°49	17° 6	1°33	3° 4	8°50	n.a.	S 23
S 24	21 22 29	18°34'07	21°23	5°16	5°15	10° 6	25°29	5°40	13°12	10°51	17° 6	1°31	3° 1	8°57	n.a.	S 24
M25	21 26 25	19°33'20	3♎14	6°59	6°12	10°44	25°22	5°46	13°14	10°52	17° 6	1°D30	2°58	9° 4	n.a.	M25
T 26	21 30 22	20°32'35	15° 1	8°44	7° 9	11°21	25°16	5°52	13°15	10°54	17° 7	1°31	2°55	9°10	n.a.	T 26
W27	21 34 19	21°31'51	26°48	10°30	8° 5	11°58	25° 9	5°58	13°16	10°56	17° 7	1°33	2°52	9°17	n.a.	W27
T 28	21 38 15	22°31'10	8♏39	12°17	9° 1	12°35	25° 3	6° 4	13°17	10°58	17° 8	1°34	2°48	9°24	n.a.	T 28
F 29	21 42 12	23°30'31	20°40	14° 4	9°57	13°12	24°57	6°10	13°18	11° 0	17° 8	1°R35	2°45	9°30	n.a.	F 29
S 30	21 46 8	24°29'53	2♐56	15°50	10°52	13°49	24°51	6°16	13°20	11° 1	17° 9	1°35	2°42	9°37	n.a.	S 30
S 31	21 50 5	25♌29'18	15♐32	17♌37	11♎46	14♋26	24♉45	6♋22	13♏21	11♋ 3	17♏10	1♎33	2♎39	9♎44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n17	12s50	3n13	19n 1	3s21	6n37	0s44	24n38	0n52	22s13	1s25	24n 1	0n13	15s51	0n10	23n33	0n 6	11s42	5n45	1s26	1s43	2s24		n.a.
S 2	21 6	15 28	3 59	19 23	3 5	6 7	0 49	24 40	0 53	22 15	1 25	24 0	0 13	15 51	0 10	23 32	0 6	11 43	5 44	1 24	1 41	2 26		n.a.
S 3	20 54	17 26	4 34	19 45	2 49	5 37	0 55	24 41	0 53	22 16	1 25	24 0	0 13	15 51	0 10	23 32	0 6	11 43	5 44	1 22	1 40	2 28		n.a.
M 4	20 42	18 34	4 57	20 6	2 31	5 8	1 0	24 42	0 54	22 18	1 25	24 0	0 13	15 51	0 10	23 32	0 6	11 43	5 44	1 19	1 39	2 30		n.a.
T 5	20 30	18 42	5 4	20 28	2 13	4 38	1 6	24 44	0 54	22 20	1 25	24 0	0 13	15 51	0 10	23 32	0 6	11 43	5 43	1 15	1 37	2 32		n.a.
W 6	20 17	17 46	4 54	20 48	1 54	4 7	1 11	24 45	0 55	22 21	1 26	24 0	0 13	15 51	0 10	23 32	0 6	11 43	5 43	1 11	1 36	2 34		n.a.
T 7	20 4	15 45	4 26	21 7	1 35	3 37	1 17	24 45	0 55	22 23	1 26	24 0	0 13	15 51	0 10	23 32	0 6	11 44	5 43	1 7	1 35	2 35		n.a.
F 8	19 51	12 43	3 41	21 25	1 17	3 7	1 22	24 46	0 56	22 25	1 26	24 0	0 13	15 51	0 10	23 32	0 6	11 44	5 43	1 3	1 34	2 37		n.a.
S 9	19 37	8 52	2 41	21 42	0 58	2 37	1 28	24 46	0 56	22 26	1 26	24 0	0 13	15 51	0 10	23 31	0 6	11 44	5 42	1 1	1 32	2 39		n.a.
S 10	19 23	4 29	1 31	21 57	0 41	2 7	1 33	24 47	0 57	22 28	1 26	24 0	0 13	15 51	0 10	23 31	0 6	11 44	5 42	1 0	1 31	2 41		n.a.
M11	19 8	0n 8	0 14	22 9	0 24	1 37	1 39	24 47	0 57	22 30	1 26	24 0	0 14	15 52	0 10	23 31	0 6	11 45	5 42	0 59	1 30	2 43		n.a.
T 12	18 53	4 43	1s 3	22 20	0 7	1 7	1 45	24 46	0 58	22 31	1 26	23 59	0 14	15 52	0 10	23 31	0 6	11 45	5 41	0 59	1 29	2 45		n.a.
W13	18 38	8 59	2 15	22 28	0n 8	0 37	1 51	24 46	0 59	22 33	1 26	23 59	0 14	15 52	0 10	23 31	0 6	11 45	5 41	1 0	1 27	2 47		n.a.
T 14	18 22	12 41	3 18	22 34	0 22	0 6	1 57	24 46	0 59	22 34	1 26	23 59	0 14	15 52	0 10	23 31	0 6	11 46	5 41	1 0	1 26	2 48		n.a.
F 15	18 7	15 36	4 9	22 37	0 36	0s24	2 3	24 45	1 0	22 36	1 26	23 59	0 14	15 52	0 10	23 30	0 6	11 46	5 41	0 59	1 25	2 50		n.a.
S 16	17 50	17 37	4 44	22 37	0 48	0 53	2 8	24 44	1 0	22 37	1 26	23 59	0 14	15 52	0 10	23 30	0 6	11 46	5 40	0 58	1 23	2 52		n.a.
S 17	17 34	18 37	5 4	22 34	0 59	1 23	2 14	24 43	1 1	22 39	1 26	23 59	0 14	15 53	0 10	23 30	0 6	11 47	5 40	0 55	1 22	2 54		n.a.
M18	17 17	18 34	5 6	22 29	1 9	1 53	2 20	24 42	1 1	22 40	1 26	23 59	0 14	15 53	0 10	23 30	0 6	11 47	5 40	0 52	1 21	2 56		n.a.
T 19	17 0	17 33	4 53	22 21	1 18	2 23	2 26	24 41	1 2	22 42	1 26	23 58	0 14	15 53	0 10	23 30	0 6	11 47	5 39	0 49	1 20	2 58		n.a.
W20	16 43	15 39	4 26	22 10	1 26	2 52	2 32	24 39	1 2	22 43	1 26	23 58	0 15	15 53	0 10	23 30	0 6	11 48	5 39	0 45	1 18	3 0		n.a.
T 21	16 25	13 3	3 45	21 56	1 33	3 22	2 39	24 37	1 3	22 44	1 26	23 58	0 15	15 54	0 10	23 30	0 6	11 48	5 39	0 42	1 17	3 1		n.a.
F 22	16 7	9 54	2 55	21 40	1 38	3 51	2 45	24 35	1 3	22 46	1 26	23 58	0 15	15 54	0 10	23 29	0 6	11 48	5 39	0 40	1 16	3 3		n.a.
S 23	15 49	6 22	1 57	21 21	1 43	4 20	2 51	24 33	1 4	22 47	1 26	23 58	0 15	15 54	0 10	23 29	0 6	11 49	5 38	0 38	1 14	3 5		n.a.
S 24	15 31	2 38	0 55	20 59	1 47	4 49	2 57	24 31	1 5	22 48	1 26	23 58	0 15	15 55	0 10	23 29	0 6	11 49	5 38	0 37	1 13	3 7		n.a.
M25	15 12	1s10	0n 9	20 36	1 50	5 17	3 3	24 29	1 5	22 49	1 26	23 57	0 15	15 55	0 10	23 29	0 6	11 49	5 38	0 36	1 12	3 9		n.a.
T 26	14 53	4 53	1 13	20 10	1 52	5 46	3 9	24 26	1 6	22 51	1 26	23 57	0 15	15 55	0 10	23 29	0 6	11 50	5 37	0 37	1 11	3 11		n.a.
W27	14 34	8 26	2 14	19 42	1 53	6 14	3 15	24 23	1 6	22 52	1 26	23 57	0 15	15 56	0 10	23 29	0 6	11 50	5 37	0 37	1 9	3 13		n.a.
T 28	14 14	11 39	3 9	19 12	1 53	6 42	3 21	24 20	1 7	22 53	1 26	23 57	0 15	15 56	0 10	23 29	0 6	11 51	5 37	0 38	1 8	3 14		n.a.
F 29	13 54	14 25	3 57	18 41	1 53	7 10	3 27	24 17	1 7	22 54	1 26	23 57	0 15	15 56	0 10	23 29	0 6	11 51	5 37	0 38	1 7	3 16		n.a.
S 30	13 34	16 36	4 35	18 8	1 52	7 38	3 33	24 14	1 8	22 55	1 26	23 57	0 16	15 57	0 10	23 28	0 6	11 52	5 36	0 38	1 5	3 18		n.a.
S 31	13n14	18s 3	5n 0	17n34	1n51	8s 5	3s39	24n10	1n 8	22s56	1s26	23n56	0n16	15s57	0n10	23n28	0n 6	11s52	5n36	0s38	1s 4	3s20		n.a.

Julian Day Number = 1281143.5, Delta T = 08h08m01s
Ecliptic obliquity = 23°50'07, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'47, Lahiri = -20°35'47 Julian Calendar 1 Aug. 1206 BCE == Greg. Calendar 21 July 1206 BCE

The year -1205 astronomical counting style corresponds to year 1206 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1206 BCE
geocentric

SEPTEMBER 1206 BCE (-1205) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 54 1	26♌28'44	28♐31	19♌24	12♎40	15♋ 3	24°R40	6♋28	13♏22	11♋ 5	17♏10	1°R30	2♎36	9♎50	n.a.	M 1
T 2	21 57 58	27°28'12	11♑57	21°11	13°33	15°39	24♑34	6°34	13°24	11° 6	17°11	1♎25	2°32	9°57	n.a.	T 2
W 3	22 1 54	28°27'43	25°49	22°57	14°26	16°16	24°29	6°40	13°25	11° 8	17°12	1°20	2°29	10° 4	n.a.	W 3
T 4	22 5 51	29°27'15	10♒ 7	24°42	15°17	16°53	24°23	6°45	13°27	11°10	17°13	1°15	2°26	10°10	n.a.	T 4
F 5	22 9 47	0♍26'49	24°44	26°28	16° 9	17°30	24°18	6°51	13°28	11°11	17°13	1°11	2°23	10°17	n.a.	F 5
S 6	22 13 44	1°26'26	9♓36	28°12	16°59	18° 7	24°14	6°56	13°30	11°13	17°14	1° 8	2°20	10°24	n.a.	S 6
S 7	22 17 41	2°26'04	24°33	29°56	17°49	18°43	24° 9	7° 2	13°32	11°14	17°15	1°D 6	2°17	10°30	n.a.	S 7
M 8	22 21 37	3°25'45	9♈28	1♍40	18°38	19°20	24° 4	7° 7	13°34	11°16	17°16	1° 6	2°13	10°37	n.a.	M 8
T 9	22 25 34	4°25'28	24°13	3°23	19°27	19°57	24° 0	7°13	13°35	11°17	17°17	1° 8	2°10	10°43	n.a.	T 9
W10	22 29 30	5°25'14	8♉42	5° 5	20°14	20°33	23°56	7°18	13°37	11°19	17°18	1° 9	2° 7	10°50	n.a.	W10
T 11	22 33 27	6°25'02	22°54	6°46	21° 1	21°10	23°52	7°23	13°39	11°20	17°19	1°10	2° 4	10°57	n.a.	T 11
F 12	22 37 23	7°24'52	6♊45	8°27	21°47	21°47	23°48	7°28	13°41	11°22	17°20	1°R11	2° 1	11° 3	n.a.	F 12
S 13	22 41 20	8°24'45	20°17	10° 7	22°32	22°23	23°44	7°33	13°43	11°23	17°21	1°10	1°57	11°10	n.a.	S 13
S 14	22 45 16	9°24'40	3♋30	11°47	23°16	23° 0	23°41	7°38	13°45	11°25	17°22	1° 9	1°54	11°17	n.a.	S 14
M15	22 49 13	10°24'38	16°27	13°26	23°59	23°36	23°38	7°43	13°47	11°26	17°23	1° 6	1°51	11°23	n.a.	M15
T 16	22 53 9	11°24'38	29° 9	15° 5	24°41	24°13	23°35	7°48	13°49	11°27	17°24	1° 3	1°48	11°30	n.a.	T 16
W17	22 57 6	12°24'40	11♌37	16°43	25°22	24°49	23°32	7°52	13°51	11°29	17°25	1° 0	1°45	11°37	n.a.	W17
T 18	23 1 3	13°24'44	23°54	18°20	26° 1	25°25	23°29	7°57	13°53	11°30	17°26	0°57	1°42	11°43	n.a.	T 18
F 19	23 4 59	14°24'51	6♍ 1	19°57	26°40	26° 2	23°27	8° 1	13°56	11°31	17°27	0°55	1°38	11°50	n.a.	F 19
S 20	23 8 56	15°24'59	18° 0	21°33	27°18	26°38	23°24	8° 6	13°58	11°32	17°29	0°54	1°35	11°57	n.a.	S 20
S 21	23 12 52	16°25'09	29°53	23° 9	27°54	27°14	23°22	8°10	14° 0	11°33	17°30	0°D53	1°32	12° 3	n.a.	S 21
M22	23 16 49	17°25'22	11♎41	24°44	28°29	27°50	23°20	8°14	14° 2	11°35	17°31	0°54	1°29	12°10	n.a.	M22
T 23	23 20 45	18°25'36	23°27	26°19	29° 3	28°27	23°19	8°19	14° 5	11°36	17°32	0°55	1°26	12°17	n.a.	T 23
W24	23 24 42	19°25'52	5♏15	27°53	29°35	29° 3	23°17	8°23	14° 7	11°37	17°34	0°56	1°23	12°23	n.a.	W24
T 25	23 28 38	20°26'09	17° 7	29°27	0♏ 6	29°39	23°16	8°27	14°10	11°38	17°35	0°57	1°19	12°30	n.a.	T 25
F 26	23 32 35	21°26'29	29° 8	1♎ 0	0°35	0♌15	23°15	8°30	14°12	11°39	17°37	0°58	1°16	12°36	n.a.	F 26
S 27	23 36 32	22°26'50	11♐22	2°33	1° 2	0°51	23°14	8°34	14°15	11°40	17°38	0°58	1°13	12°43	n.a.	S 27
S 28	23 40 28	23°27'12	23°53	4° 6	1°28	1°27	23°14	8°38	14°17	11°41	17°39	0°R59	1°10	12°50	n.a.	S 28
M29	23 44 25	24°27'37	6♑46	5°38	1°53	2° 3	23°13	8°42	14°20	11°42	17°41	0°58	1° 7	12°56	n.a.	M29
T 30	23 48 21	25♍28'02	20♑ 4	7♎10	2♏15	2♌39	23♑13	8♋45	14♏23	11♋43	17♏42	0♎58	1♎ 3	13♎ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n54	18s38	5n12	16n58	1n49	8s32	3s46	24n 7	1n 9	22s57	1s26	23n56	0n16	15s58	0n 9	23n28	0n 6	11s52	5n36	0s36	1s 3	3s22		n.a.
T 2	12 33	18 11	5 7	16 21	1 47	8 59	3 52	24 3	1 10	22 58	1 26	23 56	0 16	15 58	0 9	23 28	0 6	11 53	5 35	0 34	1 2	3 24		n.a.
W 3	12 12	16 40	4 45	15 43	1 44	9 25	3 58	23 59	1 10	22 59	1 25	23 56	0 16	15 59	0 9	23 28	0 6	11 53	5 35	0 32	1 0	3 25		n.a.
T 4	11 51	14 5	4 4	15 4	1 40	9 51	4 4	23 55	1 11	23 0	1 25	23 56	0 16	15 59	0 9	23 28	0 6	11 54	5 35	0 30	0 59	3 27		n.a.
F 5	11 30	10 34	3 6	14 25	1 37	10 17	4 10	23 51	1 11	23 1	1 25	23 56	0 16	16 0	0 9	23 28	0 6	11 54	5 35	0 29	0 58	3 29		n.a.
S 6	11 8	6 19	1 55	13 44	1 33	10 42	4 15	23 46	1 12	23 1	1 25	23 55	0 16	16 0	0 9	23 28	0 6	11 55	5 34	0 27	0 56	3 31		n.a.
S 7	10 47	1 39	0 36	13 3	1 28	11 7	4 21	23 42	1 12	23 2	1 25	23 55	0 16	16 1	0 9	23 27	0 6	11 55	5 34	0 27	0 55	3 33		n.a.
M 8	10 25	3n 7	0s46	12 21	1 23	11 31	4 27	23 37	1 13	23 3	1 25	23 55	0 17	16 1	0 9	23 27	0 6	11 56	5 34	0 27	0 54	3 35		n.a.
T 9	10 3	7 37	2 4	11 39	1 19	11 55	4 33	23 32	1 13	23 3	1 25	23 55	0 17	16 2	0 9	23 27	0 6	11 56	5 34	0 27	0 53	3 37		n.a.
W10	9 41	11 36	3 13	10 56	1 13	12 19	4 39	23 27	1 14	23 4	1 25	23 55	0 17	16 2	0 9	23 27	0 6	11 57	5 33	0 28	0 51	3 38		n.a.
T 11	9 18	14 48	4 8	10 13	1 8	12 42	4 44	23 22	1 15	23 5	1 25	23 54	0 17	16 3	0 9	23 27	0 6	11 57	5 33	0 28	0 50	3 40		n.a.
F 12	8 56	17 5	4 47	9 30	1 2	13 5	4 50	23 17	1 15	23 5	1 25	23 54	0 17	16 4	0 9	23 27	0 6	11 58	5 33	0 29	0 49	3 42		n.a.
S 13	8 33	18 19	5 10	8 46	0 57	13 27	4 55	23 11	1 16	23 6	1 24	23 54	0 17	16 4	0 9	23 27	0 6	11 58	5 33	0 28	0 47	3 44		n.a.
S 14	8 10	18 32	5 15	8 2	0 51	13 49	5 1	23 5	1 16	23 6	1 24	23 54	0 17	16 5	0 9	23 27	0 6	11 59	5 32	0 28	0 46	3 46		n.a.
M15	7 47	17 46	5 4	7 18	0 45	14 10	5 6	23 0	1 17	23 7	1 24	23 54	0 17	16 5	0 9	23 27	0 6	12 0	5 32	0 27	0 45	3 48		n.a.
T 16	7 24	16 8	4 39	6 34	0 38	14 31	5 11	22 54	1 17	23 7	1 24	23 54	0 18	16 6	0 9	23 26	0 6	12 0	5 32	0 26	0 44	3 49		n.a.
W17	7 1	13 45	4 0	5 49	0 32	14 51	5 16	22 48	1 18	23 7	1 24	23 53	0 18	16 7	0 9	23 26	0 7	12 1	5 31	0 24	0 42	3 51		n.a.
T 18	6 37	10 47	3 11	5 5	0 26	15 11	5 21	22 41	1 18	23 8	1 24	23 53	0 18	16 7	0 9	23 26	0 7	12 1	5 31	0 23	0 41	3 53		n.a.
F 19	6 14	7 23	2 14	4 21	0 19	15 30	5 26	22 35	1 19	23 8	1 24	23 53	0 18	16 8	0 9	23 26	0 7	12 2	5 31	0 22	0 40	3 55		n.a.
S 20	5 50	3 44	1 11	3 36	0 13	15 48	5 30	22 29	1 20	23 8	1 23	23 53	0 18	16 9	0 9	23 26	0 7	12 2	5 31	0 22	0 38	3 57		n.a.
S 21	5 27	0s 2	0 6	2 52	0 6	16 5	5 35	22 22	1 20	23 9	1 23	23 53	0 18	16 10	0 9	23 26	0 7	12 3	5 30	0 22	0 37	3 59		n.a.
M22	5 3	3 47	1n 0	2 7	0s 0	16 22	5 39	22 15	1 21	23 9	1 23	23 53	0 18	16 10	0 9	23 26	0 7	12 4	5 30	0 22	0 36	4 0		n.a.
T 23	4 39	7 22	2 2	1 23	0 7	16 39	5 43	22 8	1 21	23 9	1 23	23 53	0 18	16 11	0 9	23 26	0 7	12 4	5 30	0 22	0 35	4 2		n.a.
W24	4 15	10 40	3 0	0 39	0 14	16 54	5 47	22 1	1 22	23 9	1 23	23 52	0 19	16 12	0 9	23 26	0 7	12 5	5 30	0 23	0 33	4 4		n.a.
T 25	3 51	13 33	3 50	0s 5	0 20	17 9	5 51	21 54	1 22	23 9	1 23	23 52	0 19	16 12	0 9	23 26	0 7	12 5	5 29	0 23	0 32	4 6		n.a.
F 26	3 27	15 54	4 30	0 49	0 27	17 23	5 55	21 47	1 23	23 9	1 23	23 52	0 19	16 13	0 9	23 26	0 7	12 6	5 29	0 23	0 31	4 8		n.a.
S 27	3 3	17 34	5 0	1 32	0 33	17 36	5 58	21 40	1 24	23 9	1 22	23 52	0 19	16 14	0 9	23 25	0 7	12 7	5 29	0 24	0 29	4 10		n.a.
S 28	2 38	18 26	5 16	2 16	0 40	17 48	6 1	21 32	1 24	23 9	1 22	23 52	0 19	16 15	0 9	23 25	0 7	12 7	5 29	0 24	0 28	4 11		n.a.
M29	2 14	18 23	5 16	2 59	0 46	18 0	6 4	21 24	1 25	23 9	1 22	23 52	0 19	16 16	0 9	23 25	0 7	12 8	5 28	0 24	0 27	4 13		n.a.
T 30	1n50	17s21	5n 1	3s42	0s53	18s10	6s 7	21n17	1n25	23s 9	1s22	23n52	0n19	16s16	0n 9	23n25	0n 7	12s 9	5n28	0s23	0s26	4s15		n.a.

Julian Day Number = 1281174.5, Delta T = 08h08m00s
Ecliptic obliquity = 23°50'07, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'43, Lahiri = -20°35'43 Julian Calendar 1 Sept. 1206 BCE == Greg. Calendar 21 Aug. 1206 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1206 BCE
geocentric

OCTOBER 1206 BCE (-1205) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 52 18	26♍28'29	3♒49	8♎41	2♏36	3♌15	23°D13	8♋49	14♏25	11♋43	17♏44	0°R58	1♎ 0	13♎10	n.a.	W 1
T 2	23 56 14	27°28'58	18° 2	10°12	2°55	3°50	23♑13	8°52	14°28	11°44	17°45	0♎57	0°57	13°16	n.a.	T 2
F 3	0 0 11	28°29'28	2♓39	11°42	3°11	4°26	23°13	8°55	14°31	11°45	17°47	0°57	0°54	13°23	n.a.	F 3
S 4	0 4 7	29°30'00	17°37	13°13	3°26	5° 2	23°14	8°58	14°34	11°46	17°48	0°57	0°51	13°30	n.a.	S 4
S 5	0 8 4	0♎30'34	2♈47	14°42	3°39	5°38	23°15	9° 1	14°36	11°47	17°50	0°57	0°48	13°36	n.a.	S 5
M 6	0 12 0	1°31'09	18° 0	16°12	3°49	6°13	23°16	9° 4	14°39	11°47	17°52	0°57	0°44	13°43	n.a.	M 6
T 7	0 15 57	2°31'46	3♉ 6	17°41	3°57	6°49	23°17	9° 7	14°42	11°48	17°53	0°57	0°41	13°50	n.a.	T 7
W 8	0 19 54	3°32'24	17°56	19° 9	4° 3	7°24	23°18	9°10	14°45	11°49	17°55	0°56	0°38	13°56	n.a.	W 8
T 9	0 23 50	4°33'05	2♊25	20°37	4° 7	8° 0	23°20	9°12	14°48	11°49	17°57	0°56	0°35	14° 3	n.a.	T 9
F 10	0 27 47	5°33'47	16°29	22° 5	4°R 8	8°35	23°22	9°15	14°51	11°50	17°58	0°56	0°32	14°10	n.a.	F 10
S 11	0 31 43	6°34'32	0♋ 7	23°32	4° 7	9°11	23°24	9°17	14°54	11°50	18° 0	0°55	0°28	14°16	n.a.	S 11
S 12	0 35 40	7°35'18	13°20	24°58	4° 3	9°46	23°26	9°20	14°57	11°51	18° 2	0°D55	0°25	14°23	n.a.	S 12
M13	0 39 36	8°36'06	26°10	26°24	3°57	10°21	23°29	9°22	15° 0	11°51	18° 4	0°56	0°22	14°29	n.a.	M13
T 14	0 43 33	9°36'55	8♌42	27°49	3°49	10°57	23°31	9°24	15° 3	11°52	18° 5	0°56	0°19	14°36	n.a.	T 14
W15	0 47 29	10°37'46	20°58	29°13	3°38	11°32	23°34	9°26	15° 6	11°52	18° 7	0°57	0°16	14°43	n.a.	W15
T 16	0 51 26	11°38'39	3♍ 2	0♏37	3°25	12° 7	23°37	9°28	15°10	11°53	18° 9	0°58	0°13	14°49	n.a.	T 16
F 17	0 55 23	12°39'33	14°58	1°59	3° 9	12°42	23°40	9°30	15°13	11°53	18°11	0°59	0° 9	14°56	n.a.	F 17
S 18	0 59 19	13°40'29	26°49	3°20	2°51	13°17	23°44	9°31	15°16	11°53	18°13	1°R 0	0° 6	15° 3	n.a.	S 18
S 19	1 3 16	14°41'26	8♎37	4°40	2°31	13°52	23°47	9°33	15°19	11°53	18°15	1° 0	0° 3	15° 9	n.a.	S 19
M20	1 7 12	15°42'24	20°25	5°58	2° 8	14°27	23°51	9°34	15°23	11°54	18°17	0°59	29♍59	15°16	n.a.	M20
T 21	1 11 9	16°43'24	2♏13	7°15	1°43	15° 2	23°55	9°36	15°26	11°54	18°18	0°57	29°57	15°23	n.a.	T 21
W22	1 15 5	17°44'25	14° 6	8°29	1°16	15°37	23°59	9°37	15°29	11°54	18°20	0°55	29°54	15°29	n.a.	W22
T 23	1 19 2	18°45'27	26° 4	9°42	0°48	16°12	24° 3	9°38	15°32	11°54	18°22	0°52	29°50	15°36	n.a.	T 23
F 24	1 22 58	19°46'29	8♐10	10°51	0°18	16°46	24° 8	9°39	15°36	11°54	18°24	0°49	29°47	15°43	n.a.	F 24
S 25	1 26 55	20°47'33	20°27	11°58	29♎46	17°21	24°13	9°40	15°39	11°54	18°26	0°46	29°44	15°49	n.a.	S 25
S 26	1 30 52	21°48'38	2♑58	13° 1	29°13	17°56	24°18	9°41	15°43	11°R54	18°28	0°44	29°41	15°56	n.a.	S 26
M27	1 34 48	22°49'43	15°47	14° 0	28°38	18°30	24°23	9°41	15°46	11°54	18°30	0°43	29°38	16° 3	n.a.	M27
T 28	1 38 45	23°50'49	28°56	14°55	28° 3	19° 5	24°28	9°42	15°49	11°54	18°32	0°D43	29°34	16° 9	n.a.	T 28
W29	1 42 41	24°51'56	12♒28	15°45	27°27	19°39	24°34	9°42	15°53	11°54	18°34	0°43	29°31	16°16	n.a.	W29
T 30	1 46 38	25°53'03	26°26	16°29	26°51	20°13	24°39	9°43	15°56	11°54	18°36	0°45	29°28	16°23	n.a.	T 30
F 31	1 50 34	26♎54'11	10♓49	17♏ 6	26♎14	20♌47	24♑45	9♋43	16♏ 0	11♋54	18♏38	0♎46	29♍25	16♎29	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	1n25	15s17	4n27	4s24	0s59	18s19	6s 9	21n 9	1n26	23s 9	1s22	23n52	0n19	16s17	0n 9	23n25	0n 7	12s 9	5n28	0s23		0s24		4s17			n.a.
T 2	1 1	12 14	3 37	5 6	1 6	18 28	6 11	21 1	1 26	23 8	1 22	23 52	0 20	16 18	0 9	23 25	0 7	12 10	5 28	0 23		0 23		4 19			n.a.
F 3	0 37	8 21	2 31	5 48	1 12	18 35	6 12	20 53	1 27	23 8	1 21	23 51	0 20	16 19	0 9	23 25	0 7	12 11	5 28	0 23		0 22		4 21			n.a.
S 4	0 12	3 51	1 14	6 29	1 18	18 42	6 14	20 44	1 28	23 8	1 21	23 51	0 20	16 20	0 9	23 25	0 7	12 11	5 27	0 23		0 21		4 22			n.a.
S 5	0s12	0n58	0s10	7 10	1 24	18 47	6 15	20 36	1 28	23 8	1 21	23 51	0 20	16 21	0 9	23 25	0 7	12 12	5 27	0 23		0 19		4 24			n.a.
M 6	0 37	5 44	1 34	7 51	1 30	18 51	6 15	20 27	1 29	23 7	1 21	23 51	0 20	16 22	0 9	23 25	0 7	12 13	5 27	0 23		0 18		4 26			n.a.
T 7	1 1	10 6	2 50	8 31	1 35	18 54	6 15	20 19	1 29	23 7	1 21	23 51	0 20	16 22	0 9	23 25	0 7	12 13	5 27	0 23		0 17		4 28			n.a.
W 8	1 26	13 44	3 53	9 10	1 41	18 56	6 15	20 10	1 30	23 6	1 20	23 51	0 20	16 23	0 9	23 25	0 7	12 14	5 26	0 23		0 15		4 30			n.a.
T 9	1 50	16 25	4 40	9 49	1 46	18 56	6 14	20 1	1 31	23 6	1 20	23 51	0 20	16 24	0 9	23 25	0 7	12 15	5 26	0 23		0 14		4 31			n.a.
F 10	2 15	18 2	5 8	10 27	1 51	18 55	6 12	19 53	1 31	23 5	1 20	23 51	0 21	16 25	0 9	23 25	0 7	12 15	5 26	0 22		0 13		4 33			n.a.
S 11	2 39	18 32	5 18	11 5	1 56	18 53	6 11	19 44	1 32	23 5	1 20	23 51	0 21	16 26	0 9	23 25	0 7	12 16	5 26	0 22		0 12		4 35			n.a.
S 12	3 4	18 0	5 11	11 41	2 1	18 50	6 8	19 35	1 32	23 4	1 20	23 51	0 21	16 27	0 9	23 25	0 7	12 17	5 26	0 22		0 10		4 37			n.a.
M13	3 28	16 33	4 48	12 17	2 5	18 45	6 5	19 25	1 33	23 4	1 20	23 51	0 21	16 28	0 9	23 25	0 7	12 17	5 25	0 22		0 9		4 39			n.a.
T 14	3 52	14 20	4 12	12 53	2 9	18 38	6 1	19 16	1 33	23 3	1 19	23 51	0 21	16 29	0 9	23 25	0 7	12 18	5 25	0 23		0 8		4 41			n.a.
W15	4 16	11 31	3 25	13 27	2 13	18 31	5 57	19 7	1 34	23 2	1 19	23 51	0 21	16 30	0 9	23 25	0 7	12 19	5 25	0 23		0 6		4 42			n.a.
T 16	4 41	8 15	2 29	14 0	2 17	18 21	5 52	18 57	1 35	23 2	1 19	23 51	0 21	16 31	0 9	23 25	0 7	12 19	5 25	0 24		0 5		4 44			n.a.
F 17	5 5	4 40	1 28	14 32	2 20	18 11	5 47	18 48	1 35	23 1	1 19	23 51	0 22	16 32	0 9	23 25	0 7	12 20	5 25	0 24		0 4		4 46			n.a.
S 18	5 29	0 56	0 23	15 3	2 23	17 58	5 40	18 38	1 36	23 0	1 19	23 51	0 22	16 33	0 9	23 25	0 7	12 21	5 24	0 24		0 3		4 48			n.a.
S 19	5 53	2s50	0n42	15 33	2 25	17 45	5 33	18 28	1 36	22 59	1 18	23 51	0 22	16 34	0 9	23 25	0 7	12 21	5 24	0 24		0 1		4 50			n.a.
M20	6 17	6 28	1 46	16 2	2 27	17 29	5 26	18 19	1 37	22 59	1 18	23 51	0 22	16 35	0 9	23 25	0 7	12 22	5 24	0 24		0n 0		4 52			n.a.
T 21	6 41	9 52	2 45	16 29	2 28	17 13	5 17	18 9	1 38	22 58	1 18	23 51	0 22	16 36	0 9	23 25	0 7	12 23	5 24	0 23		0 1		4 53			n.a.
W22	7 4	12 53	3 37	16 54	2 29	16 55	5 8	17 59	1 38	22 57	1 18	23 51	0 22	16 37	0 9	23 25	0 7	12 24	5 24	0 22		0 3		4 55			n.a.
T 23	7 28	15 23	4 20	17 18	2 29	16 35	4 59	17 49	1 39	22 56	1 18	23 51	0 22	16 38	0 9	23 25	0 7	12 24	5 23	0 21		0 4		4 57			n.a.
F 24	7 51	17 14	4 52	17 40	2 28	16 15	4 48	17 39	1 39	22 55	1 18	23 51	0 23	16 39	0 9	23 25	0 7	12 25	5 23	0 20		0 5		4 59			n.a.
S 25	8 15	18 19	5 11	18 0	2 27	15 53	4 37	17 29	1 40	22 54	1 17	23 51	0 23	16 40	0 9	23 25	0 7	12 26	5 23	0 19		0 6		5 1			n.a.
S 26	8 38	18 33	5 15	18 18	2 25	15 30	4 25	17 18	1 41	22 53	1 17	23 51	0 23	16 41	0 9	23 25	0 7	12 26	5 23	0 18		0 8		5 2			n.a.
M27	9 1	17 50	5 5	18 33	2 22	15 6	4 13	17 8	1 41	22 52	1 17	23 51	0 23	16 42	0 9	23 25	0 7	12 27	5 23	0 17		0 9		5 4			n.a.
T 28	9 24	16 10	4 38	18 46	2 18	14 41	4 0	16 58	1 42	22 50	1 17	23 51	0 23	16 43	0 9	23 25	0 7	12 28	5 23	0 17		0 10		5 6			n.a.
W29	9 47	13 34	3 56	18 56	2 13	14 15	3 47	16 47	1 43	22 49	1 17	23 52	0 23	16 44	0 9	23 25	0 7	12 29	5 22	0 18		0 12		5 8			n.a.
T 30	10 10	10 7	2 58	19 3	2 6	13 49	3 33	16 37	1 43	22 48	1 17	23 52	0 23	16 45	0 9	23 25	0 7	12 29	5 22	0 18		0 13		5 10			n.a.
F 31	10s32	5s58	1n48	19s 7	1s59	13s22	3s18	16n26	1n44	22s47	1s16	23n52	0n24	16s46	0n 9	23n25	0n 7	12s30	5n22	0s19		0n14		5s11			n.a.

Julian Day Number = 1281204.5, Delta T = 08h07m58s
Ecliptic obliquity = 23°50'08, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'39, Lahiri = -20°35'38 Julian Calendar 1 Oct. 1206 BCE == Greg. Calendar 20 Sept. 1206 BCE

The year -1205 astronomical counting style corresponds to year 1206 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1206 BCE
geocentric

NOVEMBER 1206 BCE (-1205) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 54 31	27♎55'19	25♓35	17♏35	25°R38	21♌22	24♑51	9°R43	16♏ 3	11°R54	18♏40	0°R47	29♍22	16♎36	n.a.	S 1
S 2	1 58 27	28°56'28	10♈38	17°57	25♎ 2	21°56	24°57	9♋43	16° 7	11♋54	18°43	0♎47	29°19	16°43	n.a.	S 2
M 3	2 2 24	29°57'38	25°52	18° 9	24°26	22°30	25° 3	9°43	16°10	11°53	18°45	0°45	29°15	16°49	n.a.	M 3
T 4	2 6 21	0♏58'48	11♉ 5	18°R11	23°52	23° 4	25°10	9°43	16°14	11°53	18°47	0°42	29°12	16°56	n.a.	T 4
W 5	2 10 17	1°59'59	26° 8	18° 2	23°18	23°38	25°17	9°42	16°17	11°53	18°49	0°38	29° 9	17° 2	n.a.	W 5
T 6	2 14 14	3° 1'11	10♊52	17°42	22°46	24°11	25°23	9°42	16°21	11°52	18°51	0°33	29° 6	17° 9	n.a.	T 6
F 7	2 18 10	4° 2'24	25°10	17°11	22°15	24°45	25°30	9°41	16°24	11°52	18°53	0°28	29° 3	17°16	n.a.	F 7
S 8	2 22 7	5° 3'38	9♋ 0	16°28	21°46	25°19	25°38	9°41	16°28	11°51	18°55	0°24	28°59	17°22	n.a.	S 8
S 9	2 26 3	6° 4'53	22°20	15°34	21°19	25°52	25°45	9°40	16°31	11°51	18°57	0°21	28°56	17°29	n.a.	S 9
M10	2 30 0	7° 6'08	5♌14	14°30	20°54	26°26	25°52	9°39	16°35	11°51	18°59	0°D20	28°53	17°36	n.a.	M10
T 11	2 33 56	8° 7'24	17°45	13°18	20°31	26°59	26° 0	9°38	16°39	11°50	19° 2	0°21	28°50	17°42	n.a.	T 11
W12	2 37 53	9° 8'40	29°57	12° 0	20°11	27°33	26° 8	9°37	16°42	11°49	19° 4	0°22	28°47	17°49	n.a.	W12
T 13	2 41 50	10° 9'58	11♍56	10°39	19°52	28° 6	26°16	9°36	16°46	11°49	19° 6	0°24	28°44	17°56	n.a.	T 13
F 14	2 45 46	11°11'15	23°47	9°16	19°37	28°39	26°24	9°34	16°50	11°48	19° 8	0°25	28°40	18° 2	n.a.	F 14
S 15	2 49 43	12°12'33	5♎34	7°56	19°23	29°12	26°32	9°33	16°53	11°48	19°10	0°R25	28°37	18° 9	n.a.	S 15
S 16	2 53 39	13°13'52	17°20	6°40	19°12	29°45	26°40	9°31	16°57	11°47	19°12	0°24	28°34	18°16	n.a.	S 16
M17	2 57 36	14°15'11	29° 9	5°30	19° 4	0♍18	26°49	9°30	17° 0	11°46	19°15	0°20	28°31	18°22	n.a.	M17
T 18	3 1 32	15°16'30	11♏ 3	4°29	18°58	0°51	26°58	9°28	17° 4	11°46	19°17	0°13	28°28	18°29	n.a.	T 18
W19	3 5 29	16°17'50	23° 4	3°38	18°54	1°24	27° 6	9°26	17° 8	11°45	19°19	0° 5	28°25	18°36	n.a.	W19
T 20	3 9 26	17°19'09	5♐14	2°57	18°D54	1°56	27°15	9°24	17°11	11°44	19°21	29♍56	28°21	18°42	n.a.	T 20
F 21	3 13 22	18°20'29	17°32	2°27	18°55	2°29	27°24	9°22	17°15	11°43	19°23	29°46	28°18	18°49	n.a.	F 21
S 22	3 17 19	19°21'48	0♑ 1	2° 7	18°59	3° 1	27°34	9°20	17°19	11°42	19°26	29°37	28°15	18°56	n.a.	S 22
S 23	3 21 15	20°23'07	12°42	1°58	19° 5	3°33	27°43	9°17	17°22	11°41	19°28	29°30	28°12	19° 2	n.a.	S 23
M24	3 25 12	21°24'26	25°35	1°D58	19°14	4° 6	27°52	9°15	17°26	11°40	19°30	29°24	28° 9	19° 9	n.a.	M24
T 25	3 29 8	22°25'45	8♒44	2° 6	19°24	4°38	28° 2	9°12	17°29	11°39	19°32	29°21	28° 5	19°16	n.a.	T 25
W26	3 33 5	23°27'03	22°10	2°23	19°37	5°10	28°12	9°10	17°33	11°39	19°34	29°D20	28° 2	19°22	n.a.	W26
T 27	3 37 1	24°28'20	5♓54	2°48	19°52	5°42	28°22	9° 7	17°37	11°38	19°36	29°20	27°59	19°29	n.a.	T 27
F 28	3 40 58	25°29'37	19°59	3°19	20°10	6°13	28°32	9° 4	17°40	11°36	19°39	29°21	27°56	19°36	n.a.	F 28
S 29	3 44 55	26°30'53	4♈24	3°56	20°29	6°45	28°42	9° 2	17°44	11°35	19°41	29°R21	27°53	19°42	n.a.	S 29
S 30	3 48 51	27♏32'09	19♈ 7	4♏38	20♎50	7♍16	28♑52	8♋59	17♏47	11♋34	19♏43	29♍20	27♍50	19♎49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s54	1s21	0n29	19s 7	1s50	12s54	3s 3	16n16	1n44	22s46	1s16	23n52	0n24	16s47	0n 9	23n25	0n 7	12s31	5n22	0s19	0n15	5s13		n.a.
S 2	11 17	3n27	0s54	19 4	1 40	12 27	2 48	16 5	1 45	22 44	1 16	23 52	0 24	16 48	0 9	23 25	0 7	12 31	5 22	0 19	0 17	5 15		n.a.
M 3	11 39	8 5	2 13	18 56	1 28	11 59	2 33	15 54	1 46	22 43	1 16	23 52	0 24	16 49	0 9	23 25	0 7	12 32	5 22	0 18	0 18	5 17		n.a.
T 4	12 0	12 11	3 23	18 44	1 15	11 32	2 18	15 43	1 46	22 42	1 16	23 52	0 24	16 50	0 9	23 25	0 7	12 33	5 21	0 17	0 19	5 19		n.a.
W 5	12 22	15 25	4 18	18 27	1 1	11 5	2 2	15 33	1 47	22 40	1 16	23 53	0 24	16 51	0 9	23 25	0 7	12 34	5 21	0 15	0 21	5 20		n.a.
T 6	12 43	17 35	4 55	18 6	0 45	10 38	1 46	15 22	1 48	22 39	1 15	23 53	0 24	16 52	0 9	23 25	0 7	12 34	5 21	0 13	0 22	5 22		n.a.
F 7	13 4	18 34	5 11	17 41	0 27	10 12	1 31	15 11	1 48	22 37	1 15	23 53	0 25	16 53	0 9	23 25	0 7	12 35	5 21	0 11	0 23	5 24		n.a.
S 8	13 25	18 23	5 9	17 10	0 8	9 47	1 15	15 0	1 49	22 36	1 15	23 53	0 25	16 54	0 9	23 25	0 7	12 36	5 21	0 10	0 24	5 26		n.a.
S 9	13 46	17 11	4 50	16 36	0n11	9 22	1 0	14 49	1 49	22 34	1 15	23 53	0 25	16 55	0 9	23 25	0 7	12 36	5 21	0 9	0 26	5 28		n.a.
M10	14 7	15 7	4 17	15 57	0 31	8 59	0 44	14 38	1 50	22 33	1 15	23 54	0 25	16 56	0 8	23 25	0 7	12 37	5 21	0 8	0 27	5 29		n.a.
T 11	14 27	12 24	3 32	15 16	0 52	8 36	0 29	14 27	1 51	22 31	1 15	23 54	0 25	16 57	0 8	23 25	0 7	12 38	5 20	0 8	0 28	5 31		n.a.
W12	14 47	9 12	2 39	14 33	1 12	8 14	0 15	14 16	1 51	22 29	1 14	23 54	0 25	16 58	0 8	23 25	0 7	12 38	5 20	0 9	0 30	5 33		n.a.
T 13	15 7	5 40	1 39	13 49	1 32	7 54	0 0	14 5	1 52	22 28	1 14	23 54	0 25	16 59	0 8	23 25	0 7	12 39	5 20	0 10	0 31	5 35		n.a.
F 14	15 26	1 57	0 36	13 5	1 50	7 35	0n14	13 53	1 53	22 26	1 14	23 54	0 26	17 0	0 8	23 26	0 7	12 40	5 20	0 10	0 32	5 37		n.a.
S 15	15 45	1s49	0n28	12 24	2 6	7 17	0 27	13 42	1 53	22 24	1 14	23 55	0 26	17 1	0 8	23 26	0 8	12 41	5 20	0 10	0 33	5 38		n.a.
S 16	16 4	5 31	1 31	11 45	2 21	7 1	0 41	13 31	1 54	22 22	1 14	23 55	0 26	17 2	0 8	23 26	0 8	12 41	5 20	0 10	0 35	5 40		n.a.
M17	16 23	9 2	2 29	11 10	2 33	6 46	0 53	13 20	1 55	22 21	1 14	23 55	0 26	17 3	0 8	23 26	0 8	12 42	5 20	0 8	0 36	5 42		n.a.
T 18	16 41	12 12	3 22	10 40	2 43	6 32	1 6	13 9	1 55	22 19	1 13	23 56	0 26	17 5	0 8	23 26	0 8	12 43	5 20	0 5	0 37	5 44		n.a.
W19	16 59	14 53	4 6	10 16	2 51	6 20	1 18	12 57	1 56	22 17	1 13	23 56	0 26	17 6	0 8	23 26	0 8	12 43	5 19	0 2	0 39	5 46		n.a.
T 20	17 17	16 57	4 39	9 57	2 56	6 9	1 29	12 46	1 57	22 15	1 13	23 56	0 26	17 7	0 8	23 26	0 8	12 44	5 19	0n 2	0 40	5 47		n.a.
F 21	17 34	18 16	5 0	9 43	3 0	5 59	1 40	12 35	1 57	22 13	1 13	23 56	0 27	17 8	0 8	23 26	0 8	12 45	5 19	0 5	0 41	5 49		n.a.
S 22	17 51	18 43	5 7	9 34	3 2	5 51	1 51	12 24	1 58	22 11	1 13	23 57	0 27	17 9	0 8	23 26	0 8	12 45	5 19	0 9	0 42	5 51		n.a.
S 23	18 8	18 15	4 59	9 31	3 2	5 44	2 1	12 12	1 59	22 9	1 13	23 57	0 27	17 10	0 8	23 26	0 8	12 46	5 19	0 12	0 44	5 53		n.a.
M24	18 25	16 51	4 36	9 32	3 0	5 39	2 10	12 1	1 59	22 7	1 13	23 57	0 27	17 11	0 8	23 26	0 8	12 47	5 19	0 14	0 45	5 55		n.a.
T 25	18 41	14 33	3 58	9 38	2 58	5 34	2 19	11 50	2 0	22 5	1 13	23 58	0 27	17 12	0 8	23 26	0 8	12 47	5 19	0 16	0 46	5 56		n.a.
W26	18 57	11 25	3 6	9 47	2 54	5 31	2 28	11 38	2 1	22 3	1 12	23 58	0 27	17 13	0 8	23 27	0 8	12 48	5 19	0 16	0 48	5 58		n.a.
T 27	19 12	7 36	2 3	10 0	2 49	5 29	2 36	11 27	2 1	22 1	1 12	23 58	0 27	17 14	0 8	23 27	0 8	12 49	5 19	0 16	0 49	6 0		n.a.
F 28	19 27	3 16	0 50	10 15	2 44	5 29	2 44	11 16	2 2	21 58	1 12	23 59	0 28	17 15	0 8	23 27	0 8	12 49	5 19	0 16	0 50	6 2		n.a.
S 29	19 42	1n22	0s27	10 34	2 38	5 29	2 51	11 4	2 3	21 56	1 12	23 59	0 28	17 16	0 8	23 27	0 8	12 50	5 19	0 16	0 51	6 4		n.a.
S 30	19s56	6n 0	1s44	10s54	2n31	5s31	2n58	10n53	2n 3	21s54	1s12	23n59	0n28	17s17	0n 8	23n27	0n 8	12s51	5n18	0n16	0n53	6s 5		n.a.

Julian Day Number = 1281235.5, Delta T = 08h07m56s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'35, Lahiri = -20°35'34 Julian Calendar 1 Nov. 1206 BCE == Greg. Calendar 21 Oct. 1206 BCE

The year -1205 astronomical counting style corresponds to year 1206 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1206 BCE
geocentric

DECEMBER 1206 BCE (-1205) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 52 48	28♏33'24	4♉ 2	5♏26	21♎13	7♍48	29♑ 2	8°R56	17♏51	11°R33	19♏45	29°R16	27♍46	19♎55	n.a.	M 1
T 2	3 56 44	29°34'39	19° 2	6°17	21°38	8°19	29°13	8♋52	17°55	11♋32	19°47	29♍ 9	27°43	20° 2	n.a.	T 2
W 3	4 0 41	0♐35'53	3♊59	7°13	22° 4	8°50	29°23	8°49	17°58	11°31	19°49	29° 0	27°40	20° 9	n.a.	W 3
T 4	4 4 37	1°37'07	18°43	8°12	22°33	9°21	29°34	8°46	18° 2	11°30	19°52	28°50	27°37	20°15	n.a.	T 4
F 5	4 8 34	2°38'20	3♋ 6	9°14	23° 3	9°52	29°45	8°43	18° 5	11°29	19°54	28°39	27°34	20°22	n.a.	F 5
S 6	4 12 31	3°39'33	17° 2	10°19	23°34	10°23	29°56	8°39	18° 9	11°27	19°56	28°30	27°31	20°29	n.a.	S 6
S 7	4 16 27	4°40'45	0♌30	11°27	24° 7	10°53	0♒ 7	8°36	18°12	11°26	19°58	28°23	27°27	20°35	n.a.	S 7
M 8	4 20 24	5°41'58	13°31	12°36	24°42	11°24	0°18	8°32	18°16	11°25	20° 0	28°18	27°24	20°42	n.a.	M 8
T 9	4 24 20	6°43'09	26° 6	13°48	25°18	11°54	0°29	8°28	18°19	11°23	20° 2	28°16	27°21	20°49	n.a.	T 9
W10	4 28 17	7°44'20	8♍21	15° 2	25°55	12°24	0°40	8°24	18°23	11°22	20° 4	28°D15	27°18	20°55	n.a.	W10
T 11	4 32 13	8°45'31	20°21	16°17	26°34	12°54	0°52	8°21	18°26	11°21	20° 6	28°15	27°15	21° 2	n.a.	T 11
F 12	4 36 10	9°46'41	2♎11	17°34	27°13	13°24	1° 3	8°17	18°30	11°19	20° 8	28°R15	27°11	21° 9	n.a.	F 12
S 13	4 40 6	10°47'51	13°57	18°52	27°54	13°54	1°15	8°13	18°33	11°18	20°11	28°14	27° 8	21°15	n.a.	S 13
S 14	4 44 3	11°49'00	25°45	20°11	28°37	14°23	1°27	8° 9	18°37	11°17	20°13	28°11	27° 5	21°22	n.a.	S 14
M15	4 48 0	12°50'08	7♏37	21°32	29°20	14°53	1°38	8° 5	18°40	11°15	20°15	28° 5	27° 2	21°29	n.a.	M15
T 16	4 51 56	13°51'15	19°38	22°54	0♏ 4	15°22	1°50	8° 0	18°43	11°14	20°17	27°55	26°59	21°35	n.a.	T 16
W17	4 55 53	14°52'22	1♐49	24°16	0°49	15°51	2° 2	7°56	18°47	11°12	20°19	27°44	26°56	21°42	n.a.	W17
T 18	4 59 49	15°53'28	14°12	25°40	1°36	16°20	2°14	7°52	18°50	11°11	20°21	27°30	26°52	21°49	n.a.	T 18
F 19	5 3 46	16°54'32	26°48	27° 5	2°23	16°49	2°26	7°48	18°53	11° 9	20°23	27°16	26°49	21°55	n.a.	F 19
S 20	5 7 42	17°55'36	9♑36	28°30	3°11	17°17	2°39	7°43	18°57	11° 8	20°25	27° 2	26°46	22° 2	n.a.	S 20
S 21	5 11 39	18°56'38	22°35	29°57	4° 0	17°46	2°51	7°39	19° 0	11° 6	20°27	26°51	26°43	22° 9	n.a.	S 21
M22	5 15 35	19°57'39	5♒45	1♐24	4°50	18°14	3° 3	7°34	19° 3	11° 5	20°29	26°42	26°40	22°15	n.a.	M22
T 23	5 19 32	20°58'38	19° 6	2°52	5°40	18°42	3°16	7°30	19° 6	11° 3	20°31	26°36	26°37	22°22	n.a.	T 23
W24	5 23 29	21°59'36	2♓38	4°21	6°31	19° 9	3°28	7°25	19°10	11° 2	20°33	26°33	26°33	22°29	n.a.	W24
T 25	5 27 25	23° 0'33	16°22	5°51	7°23	19°37	3°41	7°20	19°13	11° 0	20°35	26°32	26°30	22°35	n.a.	T 25
F 26	5 31 22	24° 1'28	0♈17	7°21	8°16	20° 4	3°54	7°16	19°16	10°59	20°36	26°32	26°27	22°42	n.a.	F 26
S 27	5 35 18	25° 2'21	14°26	8°52	9° 9	20°31	4° 6	7°11	19°19	10°57	20°38	26°31	26°24	22°49	n.a.	S 27
S 28	5 39 15	26° 3'12	28°46	10°24	10° 3	20°58	4°19	7° 6	19°22	10°55	20°40	26°29	26°21	22°55	n.a.	S 28
M29	5 43 11	27° 4'02	13♉16	11°57	10°58	21°25	4°32	7° 2	19°25	10°54	20°42	26°24	26°17	23° 2	n.a.	M29
T 30	5 47 8	28° 4'50	27°51	13°30	11°53	21°51	4°45	6°57	19°28	10°52	20°44	26°16	26°14	23° 9	n.a.	T 30
W31	5 51 5	29♐ 5'37	12♊24	15♐ 5	12♏49	22♍18	4♒58	6♋52	19♏31	10♋51	20♏46	26♍ 5	26♍11	23♎15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	20s10	10n20	2s54	11s17	2n24	5s34	3n 5	10n42	2n 4	21s52	1s12	24n 0	0n28	17s18	0n 8	23n27	0n 8	12s51	5n18	0n18	0n54	6s 7			n.a.
T 2	20 24	14 2	3 53	11 41	2 17	5 37	3 11	10 31	2 5	21 49	1 12	24 0	0 28	17 19	0 8	23 27	0 8	12 52	5 18	0 21	0 55	6 9			n.a.
W 3	20 37	16 47	4 36	12 7	2 9	5 42	3 16	10 19	2 5	21 47	1 12	24 0	0 28	17 20	0 8	23 27	0 8	12 53	5 18	0 24	0 57	6 11			n.a.
T 4	20 50	18 23	4 59	12 33	2 2	5 48	3 22	10 8	2 6	21 44	1 11	24 1	0 28	17 21	0 8	23 27	0 8	12 53	5 18	0 28	0 58	6 12			n.a.
F 5	21 2	18 45	5 3	13 1	1 54	5 54	3 27	9 57	2 7	21 42	1 11	24 1	0 29	17 22	0 8	23 28	0 8	12 54	5 18	0 33	0 59	6 14			n.a.
S 6	21 14	17 58	4 48	13 30	1 45	6 2	3 31	9 46	2 7	21 40	1 11	24 1	0 29	17 23	0 8	23 28	0 8	12 55	5 18	0 36	1 0	6 16			n.a.
S 7	21 25	16 11	4 18	13 59	1 37	6 10	3 35	9 34	2 8	21 37	1 11	24 2	0 29	17 24	0 8	23 28	0 8	12 55	5 18	0 39	1 2	6 18			n.a.
M 8	21 37	13 37	3 35	14 28	1 29	6 20	3 39	9 23	2 9	21 34	1 11	24 2	0 29	17 25	0 8	23 28	0 8	12 56	5 18	0 41	1 3	6 20			n.a.
T 9	21 47	10 29	2 43	14 58	1 20	6 29	3 43	9 12	2 10	21 32	1 11	24 3	0 29	17 26	0 8	23 28	0 8	12 56	5 18	0 42	1 4	6 21			n.a.
W10	21 58	6 58	1 44	15 28	1 12	6 40	3 46	9 1	2 10	21 29	1 11	24 3	0 29	17 27	0 8	23 28	0 8	12 57	5 18	0 42	1 6	6 23			n.a.
T 11	22 8	3 15	0 42	15 58	1 4	6 51	3 49	8 50	2 11	21 27	1 11	24 3	0 29	17 28	0 8	23 28	0 8	12 58	5 18	0 42	1 7	6 25			n.a.
F 12	22 17	0s34	0n21	16 28	0 55	7 3	3 52	8 39	2 12	21 24	1 11	24 4	0 29	17 29	0 8	23 29	0 8	12 58	5 18	0 42	1 8	6 27			n.a.
S 13	22 26	4 20	1 23	16 58	0 47	7 16	3 54	8 28	2 12	21 21	1 10	24 4	0 30	17 30	0 8	23 29	0 8	12 59	5 18	0 43	1 9	6 29			n.a.
S 14	22 35	7 56	2 21	17 28	0 39	7 29	3 56	8 17	2 13	21 19	1 10	24 5	0 30	17 31	0 8	23 29	0 8	12 59	5 18	0 44	1 11	6 30			n.a.
M15	22 43	11 15	3 13	17 57	0 31	7 43	3 58	8 6	2 14	21 16	1 10	24 5	0 30	17 32	0 8	23 29	0 8	13 0	5 18	0 47	1 12	6 32			n.a.
T 16	22 50	14 8	3 57	18 26	0 23	7 57	3 59	7 55	2 15	21 13	1 10	24 5	0 30	17 33	0 8	23 29	0 8	13 1	5 18	0 50	1 13	6 34			n.a.
W17	22 58	16 27	4 31	18 55	0 15	8 12	4 1	7 44	2 15	21 10	1 10	24 6	0 30	17 34	0 8	23 29	0 8	13 1	5 18	0 55	1 14	6 36			n.a.
T 18	23 4	18 2	4 53	19 23	0 7	8 27	4 2	7 34	2 16	21 7	1 10	24 6	0 30	17 35	0 8	23 29	0 8	13 2	5 18	1 1	1 16	6 37			n.a.
F 19	23 11	18 47	5 0	19 50	0s 1	8 43	4 2	7 23	2 17	21 4	1 10	24 6	0 30	17 36	0 8	23 29	0 8	13 2	5 18	1 6	1 17	6 39			n.a.
S 20	23 17	18 36	4 53	20 17	0 8	8 59	4 3	7 12	2 17	21 2	1 10	24 7	0 31	17 37	0 8	23 30	0 8	13 3	5 18	1 12	1 18	6 41			n.a.
S 21	23 22	17 27	4 31	20 43	0 15	9 15	4 3	7 2	2 18	20 59	1 10	24 7	0 31	17 38	0 8	23 30	0 8	13 3	5 17	1 16	1 20	6 43			n.a.
M22	23 27	15 22	3 54	21 9	0 23	9 31	4 3	6 51	2 19	20 56	1 10	24 8	0 31	17 38	0 8	23 30	0 8	13 4	5 17	1 20	1 21	6 44			n.a.
T 23	23 31	12 26	3 4	21 34	0 30	9 48	4 3	6 41	2 20	20 53	1 10	24 8	0 31	17 39	0 8	23 30	0 8	13 4	5 17	1 22	1 22	6 46			n.a.
W24	23 35	8 48	2 3	21 58	0 36	10 6	4 3	6 30	2 20	20 49	1 9	24 8	0 31	17 40	0 8	23 30	0 8	13 5	5 17	1 24	1 23	6 48			n.a.
T 25	23 39	4 39	0 54	22 21	0 43	10 23	4 3	6 20	2 21	20 46	1 9	24 9	0 31	17 41	0 8	23 30	0 8	13 5	5 17	1 24	1 25	6 50			n.a.
F 26	23 42	0 11	0s20	22 43	0 49	10 41	4 2	6 10	2 22	20 43	1 9	24 9	0 31	17 42	0 8	23 31	0 8	13 6	5 17	1 24	1 26	6 52			n.a.
S 27	23 44	4n21	1 33	23 4	0 56	10 59	4 1	6 0	2 23	20 40	1 9	24 10	0 31	17 43	0 8	23 31	0 8	13 6	5 17	1 24	1 27	6 53			n.a.
S 28	23 46	8 42	2 42	23 24	1 2	11 17	4 0	5 49	2 23	20 37	1 9	24 10	0 32	17 44	0 8	23 31	0 8	13 7	5 17	1 25	1 29	6 55			n.a.
M29	23 48	12 35	3 40	23 43	1 7	11 35	3 59	5 39	2 24	20 34	1 9	24 10	0 32	17 45	0 8	23 31	0 8	13 7	5 17	1 27	1 30	6 57			n.a.
T 30	23 49	15 42	4 25	24 0	1 13	11 53	3 57	5 30	2 25	20 31	1 9	24 11	0 32	17 45	0 8	23 31	0 8	13 8	5 17	1 31	1 31	6 59			n.a.
W31	23s50	17n50	4s52	24s17	1s18	12s12	3n56	5n20	2n26	20s27	1s 9	24n11	0n32	17s46	0n 8	23n31	0n 8	13s 8	5n17	1n35	1n32	7s 0			n.a.

Julian Day Number = 1281265.5, Delta T = 08h07m55s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'31, Lahiri = -20°35'30 Julian Calendar 1 Dec. 1206 BCE == Greg. Calendar 20 Nov. 1206 BCE

The year -1205 astronomical counting style corresponds to year 1206 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1205 BCE
geocentric

JANUARY 1205 BCE (-1204) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 55 1	0♉ 6'22	26♊50	16♐40	13♏45	22♍44	5♒11	6°R47	19♏34	10°R49	20♏47	25°R53	26♍ 8	23♎22	n.a.	T 1
F 2	5 58 58	1° 7'06	11♋ 0	18°15	14°42	23° 9	5°24	6♋43	19°37	10♋47	20°49	25♍40	26° 5	23°29	n.a.	F 2
S 3	6 2 54	2° 7'48	24°50	19°52	15°39	23°35	5°37	6°38	19°40	10°46	20°51	25°29	26° 2	23°35	n.a.	S 3
S 4	6 6 51	3° 8'28	8♌16	21°29	16°37	24° 0	5°51	6°33	19°43	10°44	20°53	25°19	25°58	23°42	n.a.	S 4
M 5	6 10 47	4° 9'07	21°17	23° 8	17°35	24°25	6° 4	6°28	19°46	10°42	20°54	25°13	25°55	23°49	n.a.	M 5
T 6	6 14 44	5° 9'45	3♍55	24°47	18°34	24°50	6°17	6°23	19°49	10°41	20°56	25° 9	25°52	23°55	n.a.	T 6
W 7	6 18 40	6°10'21	16°13	26°27	19°33	25°14	6°31	6°18	19°52	10°39	20°58	25° 7	25°49	24° 2	n.a.	W 7
T 8	6 22 37	7°10'56	28°16	28° 7	20°33	25°39	6°44	6°13	19°54	10°37	20°59	25°D 7	25°46	24° 9	n.a.	T 8
F 9	6 26 34	8°11'30	10♎ 9	29°49	21°33	26° 3	6°58	6° 9	19°57	10°36	21° 1	25°R 7	25°43	24°15	n.a.	F 9
S 10	6 30 30	9°12'01	21°57	1♉31	22°33	26°26	7°11	6° 4	20° 0	10°34	21° 3	25° 6	25°39	24°22	n.a.	S 10
S 11	6 34 27	10°12'32	3♏46	3°15	23°34	26°50	7°25	5°59	20° 2	10°32	21° 4	25° 4	25°36	24°29	n.a.	S 11
M12	6 38 23	11°13'01	15°42	4°59	24°35	27°13	7°39	5°54	20° 5	10°31	21° 6	24°59	25°33	24°35	n.a.	M12
T 13	6 42 20	12°13'28	27°47	6°45	25°37	27°35	7°52	5°49	20° 8	10°29	21° 7	24°51	25°30	24°42	n.a.	T 13
W14	6 46 16	13°13'54	10♐ 7	8°31	26°39	27°58	8° 6	5°44	20°10	10°27	21° 9	24°41	25°27	24°49	n.a.	W14
T 15	6 50 13	14°14'18	22°42	10°18	27°41	28°20	8°20	5°40	20°13	10°26	21°10	24°29	25°23	24°55	n.a.	T 15
F 16	6 54 9	15°14'41	5♉34	12° 6	28°43	28°42	8°34	5°35	20°15	10°24	21°12	24°16	25°20	25° 2	n.a.	F 16
S 17	6 58 6	16°15'01	18°41	13°55	29°46	29° 3	8°48	5°30	20°17	10°22	21°13	24° 4	25°17	25° 9	n.a.	S 17
S 18	7 2 3	17°15'20	2♒ 4	15°45	0♐49	29°24	9° 2	5°25	20°20	10°20	21°15	23°54	25°14	25°15	n.a.	S 18
M19	7 5 59	18°15'36	15°38	17°36	1°53	29°45	9°16	5°21	20°22	10°19	21°16	23°46	25°11	25°22	n.a.	M19
T 20	7 9 56	19°15'51	29°22	19°28	2°56	0♎ 5	9°30	5°16	20°24	10°17	21°17	23°41	25° 8	25°29	n.a.	T 20
W21	7 13 52	20°16'03	13♓14	21°21	4° 0	0°25	9°44	5°11	20°27	10°16	21°19	23°38	25° 4	25°35	n.a.	W21
T 22	7 17 49	21°16'13	27°11	23°14	5° 4	0°45	9°58	5° 7	20°29	10°14	21°20	23°D38	25° 1	25°42	n.a.	T 22
F 23	7 21 45	22°16'21	11♈12	25° 9	6° 8	1° 4	10°12	5° 2	20°31	10°12	21°21	23°38	24°58	25°49	n.a.	F 23
S 24	7 25 42	23°16'26	25°18	27° 4	7°13	1°23	10°26	4°58	20°33	10°11	21°23	23°R39	24°55	25°55	n.a.	S 24
S 25	7 29 38	24°16'29	9♉27	28°59	8°18	1°41	10°40	4°53	20°35	10° 9	21°24	23°38	24°52	26° 2	n.a.	S 25
M26	7 33 35	25°16'30	23°37	0♒55	9°23	1°59	10°54	4°49	20°37	10° 7	21°25	23°34	24°48	26° 9	n.a.	M26
T 27	7 37 31	26°16'29	7♊46	2°52	10°28	2°17	11° 9	4°44	20°39	10° 6	21°26	23°29	24°45	26°15	n.a.	T 27
W28	7 41 28	27°16'25	21°51	4°48	11°33	2°34	11°23	4°40	20°41	10° 4	21°27	23°21	24°42	26°22	n.a.	W28
T 29	7 45 25	28°16'19	5♋48	6°44	12°39	2°51	11°37	4°36	20°43	10° 3	21°29	23°12	24°39	26°29	n.a.	T 29
F 30	7 49 21	29°16'11	19°34	8°40	13°45	3° 7	11°51	4°32	20°45	10° 1	21°30	23° 3	24°36	26°35	n.a.	F 30
S 31	7 53 18	0♒16'00	3♌ 4	10♒36	14♐51	3♎23	12♒ 6	4♋28	20♏47	9♋59	21♏31	22♍54	24♍33	26♎42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s50	18n48	5 s 0	24 s32	1 s23	12 s30	3n54	5n10	2n26	20 s24	1 s 9	24n11	0n32	17 s47	0n 8	23n31	0n 8	13 s 9	5n17	1n40	1n34	7 s 2			n.a.
F 2	23 50	18 33	4 50	24 46	1 28	12 49	3 52	5 0	2 27	20 21	1 9	24 12	0 32	17 48	0 8	23 32	0 8	13 9	5 17	1 45	1 35	7 4			n.a.
S 3	23 49	17 13	4 22	24 59	1 33	13 7	3 51	4 51	2 28	20 17	1 9	24 12	0 32	17 49	0 8	23 32	0 8	13 10	5 17	1 49	1 36	7 6			n.a.
S 4	23 48	14 57	3 41	25 10	1 37	13 26	3 48	4 41	2 28	20 14	1 9	24 13	0 32	17 50	0 8	23 32	0 8	13 10	5 17	1 53	1 38	7 7			n.a.
M 5	23 46	11 59	2 49	25 20	1 41	13 45	3 46	4 32	2 29	20 10	1 9	24 13	0 32	17 50	0 8	23 32	0 8	13 11	5 17	1 56	1 39	7 9			n.a.
T 6	23 44	8 32	1 50	25 28	1 44	14 3	3 44	4 22	2 30	20 7	1 9	24 13	0 33	17 51	0 8	23 32	0 8	13 11	5 17	1 58	1 40	7 11			n.a.
W 7	23 41	4 48	0 47	25 35	1 48	14 22	3 41	4 13	2 31	20 4	1 9	24 14	0 33	17 52	0 8	23 32	0 8	13 11	5 18	1 58	1 41	7 13			n.a.
T 8	23 38	0 57	0n17	25 40	1 50	14 40	3 39	4 4	2 31	20 0	1 9	24 14	0 33	17 53	0 8	23 32	0 8	13 12	5 18	1 58	1 43	7 14			n.a.
F 9	23 35	2 s52	1 19	25 43	1 53	14 58	3 36	3 55	2 32	19 57	1 9	24 14	0 33	17 53	0 8	23 33	0 8	13 12	5 18	1 58	1 44	7 16			n.a.
S 10	23 31	6 34	2 17	25 45	1 55	15 17	3 33	3 46	2 33	19 53	1 9	24 15	0 33	17 54	0 8	23 33	0 8	13 13	5 18	1 59	1 45	7 18			n.a.
S 11	23 26	10 0	3 10	25 45	1 57	15 35	3 30	3 37	2 34	19 49	1 8	24 15	0 33	17 55	0 8	23 33	0 8	13 13	5 18	2 0	1 47	7 20			n.a.
M12	23 21	13 4	3 55	25 43	1 59	15 53	3 27	3 29	2 34	19 46	1 8	24 15	0 33	17 56	0 8	23 33	0 8	13 13	5 18	2 2	1 48	7 21			n.a.
T 13	23 16	15 37	4 29	25 39	2 0	16 11	3 24	3 20	2 35	19 42	1 8	24 16	0 33	17 56	0 8	23 33	0 8	13 14	5 18	2 5	1 49	7 23			n.a.
W14	23 10	17 31	4 52	25 33	2 0	16 28	3 21	3 12	2 36	19 38	1 8	24 16	0 33	17 57	0 8	23 33	0 8	13 14	5 18	2 9	1 50	7 25			n.a.
T 15	23 4	18 36	5 2	25 26	2 0	16 46	3 18	3 4	2 37	19 35	1 8	24 16	0 33	17 58	0 8	23 33	0 8	13 14	5 18	2 14	1 52	7 27			n.a.
F 16	22 57	18 47	4 56	25 16	2 0	17 3	3 14	2 56	2 37	19 31	1 8	24 16	0 34	17 58	0 8	23 34	0 8	13 15	5 18	2 19	1 53	7 28			n.a.
S 17	22 50	17 58	4 35	25 4	1 59	17 20	3 11	2 48	2 38	19 27	1 8	24 17	0 34	17 59	0 8	23 34	0 8	13 15	5 18	2 24	1 54	7 30			n.a.
S 18	22 42	16 9	3 58	24 50	1 58	17 36	3 7	2 40	2 39	19 24	1 8	24 17	0 34	18 0	0 8	23 34	0 8	13 15	5 18	2 28	1 55	7 32			n.a.
M19	22 34	13 26	3 8	24 34	1 56	17 53	3 4	2 32	2 40	19 20	1 8	24 17	0 34	18 0	0 8	23 34	0 8	13 16	5 18	2 31	1 57	7 34			n.a.
T 20	22 26	9 56	2 6	24 16	1 54	18 9	3 0	2 24	2 40	19 16	1 8	24 18	0 34	18 1	0 8	23 34	0 8	13 16	5 18	2 33	1 58	7 35			n.a.
W21	22 17	5 51	0 55	23 56	1 51	18 25	2 56	2 17	2 41	19 12	1 8	24 18	0 34	18 1	0 8	23 34	0 9	13 16	5 18	2 34	1 59	7 37			n.a.
T 22	22 7	1 26	0 s19	23 34	1 48	18 40	2 53	2 10	2 42	19 8	1 8	24 18	0 34	18 2	0 8	23 34	0 9	13 17	5 18	2 34	2 1	7 39			n.a.
F 23	21 58	3n 5	1 33	23 9	1 43	18 55	2 49	2 3	2 42	19 4	1 8	24 18	0 34	18 3	0 8	23 35	0 9	13 17	5 18	2 34	2 2	7 41			n.a.
S 24	21 47	7 27	2 41	22 42	1 39	19 10	2 45	1 56	2 43	19 0	1 8	24 19	0 34	18 3	0 8	23 35	0 9	13 17	5 18	2 34	2 3	7 42			n.a.
S 25	21 37	11 25	3 40	22 13	1 33	19 24	2 41	1 49	2 44	18 56	1 8	24 19	0 34	18 4	0 8	23 35	0 9	13 18	5 18	2 34	2 4	7 44			n.a.
M26	21 26	14 43	4 25	21 42	1 28	19 38	2 37	1 42	2 45	18 53	1 8	24 19	0 34	18 4	0 8	23 35	0 9	13 18	5 18	2 36	2 6	7 46			n.a.
T 27	21 15	17 8	4 54	21 9	1 21	19 52	2 33	1 36	2 45	18 49	1 8	24 19	0 35	18 5	0 8	23 35	0 9	13 18	5 18	2 38	2 7	7 48			n.a.
W28	21 3	18 30	5 5	20 34	1 14	20 5	2 29	1 30	2 46	18 45	1 8	24 20	0 35	18 5	0 8	23 35	0 9	13 18	5 18	2 41	2 8	7 49			n.a.
T 29	20 51	18 45	4 58	19 57	1 6	20 18	2 25	1 23	2 47	18 41	1 8	24 20	0 35	18 6	0 8	23 35	0 9	13 19	5 18	2 45	2 10	7 51			n.a.
F 30	20 38	17 52	4 34	19 19	0 57	20 30	2 21	1 17	2 47	18 36	1 8	24 20	0 35	18 6	0 8	23 36	0 9	13 19	5 18	2 48	2 11	7 53			n.a.
S 31	20 s26	16n 0	3 s54	18 s38	0 s48	20 s42	2n16	1n12	2n48	18 s32	1 s 8	24n20	0n35	18 s 7	0n 8	23n36	0n 9	13 s19	5n18	2n52	2n12	7 s54			n.a.

Julian Day Number = 1281296.5, Delta T = 08h07m53s
Ecliptic obliquity = 23°50'06, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'26, Lahiri = -20°35'26 Julian Calendar 1 Jan. 1205 BCE == Greg. Calendar 21 Dec. 1206 BCE

The year -1204 astronomical counting style corresponds to year 1205 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1205 BCE
geocentric

FEBRUARY 1205 BCE (-1204) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 57 14	1♒15'48	16♌15	12♒30	15♐57	3♎38	12♒20	4°R24	20♏49	9°R58	21♏32	22°R47	24♍29	26♎49	n.a.	S 1
M 2	8 1 11	2°15'33	29° 7	14°23	17° 3	3°53	12°34	4♋20	20°50	9♋56	21°33	22♍42	24°26	26°55	n.a.	M 2
T 3	8 5 7	3°15'16	11♍41	16°15	18°10	4° 8	12°48	4°16	20°52	9°55	21°34	22°39	24°23	27° 2	n.a.	T 3
W 4	8 9 4	4°14'58	23°58	18° 5	19°16	4°22	13° 3	4°12	20°54	9°53	21°35	22°D38	24°20	27° 9	n.a.	W 4
T 5	8 13 0	5°14'37	6♎ 1	19°51	20°23	4°35	13°17	4° 8	20°55	9°52	21°36	22°39	24°17	27°15	n.a.	T 5
F 6	8 16 57	6°14'14	17°55	21°35	21°30	4°48	13°32	4° 4	20°57	9°50	21°36	22°41	24°14	27°22	n.a.	F 6
S 7	8 20 54	7°13'50	29°45	23°16	22°37	5° 0	13°46	4° 0	20°58	9°49	21°37	22°42	24°10	27°29	n.a.	S 7
S 8	8 24 50	8°13'24	11♏36	24°53	23°45	5°12	14° 0	3°57	21° 0	9°47	21°38	22°R42	24° 7	27°35	n.a.	S 8
M 9	8 28 47	9°12'55	23°33	26°25	24°52	5°23	14°15	3°53	21° 1	9°46	21°39	22°41	24° 4	27°42	n.a.	M 9
T 10	8 32 43	10°12'25	5♐40	27°52	25°59	5°34	14°29	3°50	21° 2	9°45	21°40	22°38	24° 1	27°49	n.a.	T 10
W11	8 36 40	11°11'53	18° 3	29°14	27° 7	5°44	14°44	3°47	21° 4	9°43	21°40	22°33	23°58	27°55	n.a.	W11
T 12	8 40 36	12°11'19	0♑44	0♓30	28°15	5°53	14°58	3°43	21° 5	9°42	21°41	22°27	23°54	28° 2	n.a.	T 12
F 13	8 44 33	13°10'43	13°46	1°40	29°23	6° 2	15°12	3°40	21° 6	9°41	21°42	22°20	23°51	28° 9	n.a.	F 13
S 14	8 48 29	14°10'05	27° 8	2°43	0♑31	6°10	15°27	3°37	21° 7	9°39	21°42	22°13	23°48	28°15	n.a.	S 14
S 15	8 52 26	15° 9'25	10♒49	3°40	1°39	6°18	15°41	3°34	21° 8	9°38	21°43	22° 8	23°45	28°22	n.a.	S 15
M16	8 56 22	16° 8'43	24°48	4°30	2°47	6°25	15°56	3°31	21°10	9°37	21°44	22° 3	23°42	28°29	n.a.	M16
T 17	9 0 19	17° 7'58	8♓58	5°13	3°56	6°31	16°10	3°28	21°10	9°35	21°44	22° 1	23°39	28°35	n.a.	T 17
W18	9 4 16	18° 7'11	23°16	5°48	5° 4	6°37	16°25	3°25	21°11	9°34	21°45	22°D 0	23°35	28°42	n.a.	W18
T 19	9 8 12	19° 6'22	7♈38	6°16	6°13	6°42	16°39	3°23	21°12	9°33	21°45	22° 1	23°32	28°49	n.a.	T 19
F 20	9 12 9	20° 5'30	21°59	6°36	7°21	6°46	16°54	3°20	21°13	9°32	21°46	22° 2	23°29	28°55	n.a.	F 20
S 21	9 16 5	21° 4'36	6♉16	6°49	8°30	6°50	17° 8	3°18	21°14	9°30	21°46	22° 4	23°26	29° 2	n.a.	S 21
S 22	9 20 2	22° 3'39	20°26	6°R55	9°39	6°53	17°22	3°15	21°15	9°29	21°46	22°R 5	23°23	29° 9	n.a.	S 22
M23	9 23 58	23° 2'40	4♊29	6°53	10°48	6°55	17°37	3°13	21°15	9°28	21°47	22° 4	23°20	29°15	n.a.	M23
T 24	9 27 55	24° 1'39	18°23	6°44	11°57	6°56	17°51	3°11	21°16	9°27	21°47	22° 2	23°16	29°22	n.a.	T 24
W25	9 31 51	25° 0'35	2♋ 5	6°29	13° 6	6°57	18° 5	3° 9	21°17	9°26	21°47	21°59	23°13	29°29	n.a.	W25
T 26	9 35 48	25°59'28	15°37	6° 8	14°15	6°R57	18°20	3° 7	21°17	9°25	21°48	21°56	23°10	29°35	n.a.	T 26
F 27	9 39 45	26°58'19	28°55	5°41	15°24	6°56	18°34	3° 5	21°18	9°24	21°48	21°52	23° 7	29°42	n.a.	F 27
S 28	9 43 41	27°57'08	12♌ 0	5° 8	16°33	6°55	18°49	3° 3	21°18	9°23	21°48	21°48	23° 4	29°49	n.a.	S 28
S 29	9 47 38	28♒55'55	24♌50	4♓32	17♑43	6♎53	19♒ 3	3♋ 1	21♏18	9♋22	21♏48	21♍45	23♍ 0	29♎55	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s12	13n19	3s 3	17s56	0s38	20s53	2n12	1n 6	2n49	18s28	1s 8	24n21	0n35	18s 7	0n 8	23n36	0n 9	13s19	5n19	2n55	2n13	7s56		n.a.
M 2	19 59	10 3	2 3	17 13	0 28	21 4	2 8	1 1	2 49	18 24	1 8	24 21	0 35	18 8	0 8	23 36	0 9	13 19	5 19	2 57	2 15	7 58		n.a.
T 3	19 45	6 24	0 59	16 29	0 16	21 15	2 4	0 55	2 50	18 20	1 8	24 21	0 35	18 8	0 8	23 36	0 9	13 20	5 19	2 58	2 16	8 0		n.a.
W 4	19 31	2 33	0n 7	15 44	0 5	21 25	1 59	0 50	2 50	18 16	1 8	24 21	0 35	18 9	0 8	23 36	0 9	13 20	5 19	2 58	2 17	8 1		n.a.
T 5	19 16	1s20	1 12	14 59	0n 7	21 34	1 55	0 46	2 51	18 12	1 8	24 21	0 35	18 9	0 8	23 36	0 9	13 20	5 19	2 58	2 19	8 3		n.a.
F 6	19 1	5 6	2 13	14 14	0 20	21 43	1 51	0 41	2 52	18 8	1 8	24 22	0 35	18 10	0 8	23 36	0 9	13 20	5 19	2 57	2 20	8 5		n.a.
S 7	18 46	8 39	3 7	13 28	0 33	21 51	1 46	0 36	2 52	18 3	1 8	24 22	0 35	18 10	0 8	23 37	0 9	13 20	5 19	2 57	2 21	8 7		n.a.
S 8	18 31	11 51	3 54	12 43	0 46	21 59	1 42	0 32	2 53	17 59	1 8	24 22	0 35	18 10	0 8	23 37	0 9	13 20	5 19	2 57	2 22	8 8		n.a.
M 9	18 15	14 36	4 31	11 59	1 0	22 6	1 38	0 28	2 53	17 55	1 8	24 22	0 35	18 11	0 8	23 37	0 9	13 21	5 19	2 57	2 24	8 10		n.a.
T 10	17 59	16 44	4 57	11 16	1 13	22 13	1 33	0 24	2 54	17 51	1 8	24 22	0 36	18 11	0 8	23 37	0 9	13 21	5 19	2 58	2 25	8 12		n.a.
W11	17 42	18 10	5 9	10 35	1 27	22 19	1 29	0 21	2 54	17 46	1 8	24 22	0 36	18 12	0 8	23 37	0 9	13 21	5 19	3 0	2 26	8 13		n.a.
T 12	17 25	18 43	5 7	9 55	1 40	22 25	1 25	0 18	2 55	17 42	1 8	24 23	0 36	18 12	0 8	23 37	0 9	13 21	5 19	3 3	2 27	8 15		n.a.
F 13	17 8	18 19	4 49	9 18	1 54	22 30	1 20	0 14	2 55	17 38	1 8	24 23	0 36	18 12	0 8	23 37	0 9	13 21	5 19	3 5	2 29	8 17		n.a.
S 14	16 51	16 55	4 15	8 43	2 7	22 34	1 16	0 12	2 56	17 33	1 9	24 23	0 36	18 12	0 8	23 37	0 9	13 21	5 19	3 8	2 30	8 19		n.a.
S 15	16 33	14 31	3 26	8 10	2 19	22 38	1 12	0 9	2 56	17 29	1 9	24 23	0 36	18 13	0 8	23 38	0 9	13 21	5 19	3 10	2 31	8 20		n.a.
M16	16 16	11 14	2 23	7 41	2 31	22 41	1 8	0 6	2 57	17 25	1 9	24 23	0 36	18 13	0 8	23 38	0 9	13 21	5 20	3 12	2 33	8 22		n.a.
T 17	15 57	7 15	1 11	7 14	2 43	22 43	1 3	0 4	2 57	17 20	1 9	24 23	0 36	18 13	0 8	23 38	0 9	13 21	5 20	3 13	2 34	8 24		n.a.
W18	15 39	2 49	0s 7	6 51	2 53	22 45	0 59	0 2	2 57	17 16	1 9	24 23	0 36	18 14	0 8	23 38	0 9	13 21	5 20	3 13	2 35	8 25		n.a.
T 19	15 20	1n47	1 24	6 32	3 3	22 47	0 55	0 1	2 58	17 12	1 9	24 24	0 36	18 14	0 8	23 38	0 9	13 22	5 20	3 13	2 36	8 27		n.a.
F 20	15 2	6 17	2 37	6 16	3 12	22 47	0 51	0s 1	2 58	17 7	1 9	24 24	0 36	18 14	0 8	23 38	0 9	13 22	5 20	3 12	2 38	8 29		n.a.
S 21	14 42	10 23	3 39	6 4	3 20	22 47	0 46	0 2	2 58	17 3	1 9	24 24	0 36	18 14	0 8	23 38	0 9	13 22	5 20	3 12	2 39	8 31		n.a.
S 22	14 23	13 52	4 27	5 56	3 26	22 47	0 42	0 3	2 58	16 58	1 9	24 24	0 36	18 14	0 8	23 38	0 9	13 22	5 20	3 12	2 40	8 32		n.a.
M23	14 4	16 29	4 59	5 52	3 31	22 45	0 38	0 4	2 58	16 54	1 9	24 24	0 36	18 15	0 8	23 38	0 9	13 22	5 20	3 12	2 42	8 34		n.a.
T 24	13 44	18 7	5 13	5 52	3 35	22 44	0 34	0 4	2 59	16 50	1 9	24 24	0 36	18 15	0 8	23 38	0 9	13 22	5 20	3 13	2 43	8 36		n.a.
W25	13 24	18 40	5 9	5 55	3 37	22 41	0 30	0 4	2 59	16 45	1 9	24 24	0 36	18 15	0 8	23 38	0 9	13 22	5 20	3 14	2 44	8 37		n.a.
T 26	13 4	18 9	4 47	6 3	3 38	22 38	0 26	0 4	2 59	16 41	1 9	24 24	0 36	18 15	0 8	23 39	0 9	13 22	5 20	3 15	2 45	8 39		n.a.
F 27	12 43	16 38	4 11	6 13	3 37	22 34	0 22	0 4	2 59	16 36	1 9	24 24	0 36	18 15	0 8	23 39	0 9	13 22	5 20	3 17	2 47	8 41		n.a.
S 28	12 23	14 15	3 21	6 28	3 34	22 30	0 18	0 4	2 59	16 32	1 9	24 24	0 37	18 15	0 8	23 39	0 9	13 22	5 20	3 18	2 48	8 42		n.a.
S 29	12s 2	11n13	2s23	6s45	3n30	22s25	0n14	0s 3	2n59	16s27	1s 9	24n25	0n37	18s15	0n 8	23n39	0n 9	13s22	5n20	3n19	2n49	8s44		n.a.

Julian Day Number = 1281327.5, Delta T = 08h07m52s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'22, Lahiri = -20°35'22 Julian Calendar 1 Feb. 1205 BCE == Greg. Calendar 21 Jan. 1205 BCE

The year -1204 astronomical counting style corresponds to year 1205 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1205 BCE
geocentric

MARCH 1205 BCE (-1204) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 51 34	29♒54'39	7♍26	3°R52	18♉52	6°R50	19♒17	3°R 0	21♏19	9°R21	21♏48	21°R43	22♍57	0♏ 2	n.a.	M 1
T 2	9 55 31	0♓53'22	19°48	3♓ 9	20° 2	6♎46	19°31	2♋58	21°19	9♋20	21°48	21°D43	22°54	0° 9	n.a.	T 2
W 3	9 59 27	1°52'02	1♎59	2°25	21°11	6°42	19°46	2°57	21°19	9°19	21°49	21♍43	22°51	0°15	n.a.	W 3
T 4	10 3 24	2°50'40	13°59	1°39	22°21	6°37	20° 0	2°56	21°19	9°18	21°49	21°44	22°48	0°22	n.a.	T 4
F 5	10 7 20	3°49'17	25°52	0°53	23°31	6°31	20°14	2°54	21°19	9°17	21°R49	21°45	22°45	0°29	n.a.	F 5
S 6	10 11 17	4°47'51	7♏42	0° 8	24°40	6°24	20°28	2°53	21°20	9°17	21°49	21°47	22°41	0°35	n.a.	S 6
S 7	10 15 13	5°46'24	19°34	29♒25	25°50	6°16	20°42	2°52	21°R20	9°16	21°49	21°48	22°38	0°42	n.a.	S 7
M 8	10 19 10	6°44'55	1♐30	28°43	27° 0	6° 8	20°57	2°51	21°20	9°15	21°48	21°R49	22°35	0°49	n.a.	M 8
T 9	10 23 7	7°43'24	13°37	28° 5	28°10	5°59	21°11	2°51	21°19	9°14	21°48	21°49	22°32	0°55	n.a.	T 9
W10	10 27 3	8°41'52	25°59	27°30	29°20	5°49	21°25	2°50	21°19	9°14	21°48	21°48	22°29	1° 2	n.a.	W10
T 11	10 31 0	9°40'18	8♑40	26°59	0♒30	5°39	21°39	2°49	21°19	9°13	21°48	21°47	22°26	1° 9	n.a.	T 11
F 12	10 34 56	10°38'42	21°43	26°33	1°41	5°27	21°53	2°49	21°19	9°12	21°48	21°46	22°22	1°15	n.a.	F 12
S 13	10 38 53	11°37'04	5♒10	26°11	2°51	5°15	22° 7	2°49	21°19	9°12	21°48	21°44	22°19	1°22	n.a.	S 13
S 14	10 42 49	12°35'24	19° 1	25°54	4° 1	5° 3	22°21	2°48	21°18	9°11	21°47	21°43	22°16	1°29	n.a.	S 14
M15	10 46 46	13°33'43	3♓14	25°42	5°12	4°49	22°35	2°48	21°18	9°11	21°47	21°42	22°13	1°35	n.a.	M15
T 16	10 50 42	14°31'59	17°45	25°35	6°22	4°35	22°49	2°D48	21°17	9°10	21°47	21°D42	22°10	1°42	n.a.	T 16
W17	10 54 39	15°30'14	2♈28	25°D32	7°32	4°20	23° 3	2°48	21°17	9°10	21°46	21°42	22° 6	1°49	n.a.	W17
T 18	10 58 35	16°28'27	17°16	25°35	8°43	4° 5	23°16	2°49	21°16	9° 9	21°46	21°42	22° 3	1°56	n.a.	T 18
F 19	11 2 32	17°26'37	2♉ 2	25°43	9°53	3°49	23°30	2°49	21°16	9° 9	21°45	21°43	22° 0	2° 2	n.a.	F 19
S 20	11 6 29	18°24'46	16°39	25°56	11° 4	3°32	23°44	2°49	21°15	9° 8	21°45	21°43	21°57	2° 9	n.a.	S 20
S 21	11 10 25	19°22'52	1♊ 4	26°13	12°14	3°15	23°58	2°50	21°14	9° 8	21°45	21°43	21°54	2°16	n.a.	S 21
M22	11 14 22	20°20'57	15°11	26°35	13°25	2°57	24°11	2°50	21°14	9° 8	21°44	21°44	21°51	2°22	n.a.	M22
T 23	11 18 18	21°18'59	29° 1	27° 1	14°36	2°39	24°25	2°51	21°13	9° 7	21°43	21°44	21°47	2°29	n.a.	T 23
W24	11 22 15	22°16'59	12♋32	27°31	15°47	2°20	24°39	2°52	21°12	9° 7	21°43	21°44	21°44	2°36	n.a.	W24
T 25	11 26 11	23°14'57	25°46	28° 6	16°57	2° 1	24°52	2°53	21°11	9° 7	21°42	21°44	21°41	2°42	n.a.	T 25
F 26	11 30 8	24°12'53	8♌44	28°44	18° 8	1°41	25° 6	2°54	21°10	9° 7	21°42	21°44	21°38	2°49	n.a.	F 26
S 27	11 34 4	25°10'47	21°27	29°26	19°19	1°22	25°19	2°55	21° 9	9° 7	21°41	21°44	21°35	2°56	n.a.	S 27
S 28	11 38 1	26° 8'40	3♍57	0♓12	20°30	1° 1	25°32	2°56	21° 8	9° 7	21°40	21°45	21°31	3° 2	n.a.	S 28
M29	11 41 57	27° 6'30	16°16	1° 1	21°41	0°41	25°46	2°58	21° 7	9° 6	21°40	21°R45	21°28	3° 9	n.a.	M29
T 30	11 45 54	28° 4'19	28°25	1°54	22°52	0°20	25°59	2°59	21° 6	9° 6	21°39	21°45	21°25	3°16	n.a.	T 30
W31	11 49 51	29♓ 2'06	10♎26	2♓50	24♒ 3	29♍59	26♒12	3♋ 1	21♏ 5	9°D 6	21♏38	21♍44	21♍22	3♏22	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11s41	7n43	1s18	7s 5	3n24	22s19	0n10	0s 2	2n59	16s23	1s 9	24n25	0n37	18s16	0n 8	23n39	0n 9	13s22	5n21	3n20	2n50	8s46			n.a.
T 2	11 20	3 56	0 11	7 28	3 17	22 13	0 6	0 0	2 58	16 18	1 9	24 25	0 37	18 16	0 8	23 39	0 9	13 22	5 21	3 20	2 52	8 48			n.a.
W 3	10 59	0 4	0n56	7 53	3 8	22 6	0 2	0n 1	2 58	16 14	1 10	24 25	0 37	18 16	0 8	23 39	0 9	13 21	5 21	3 20	2 53	8 49			n.a.
T 4	10 38	3s46	2 0	8 19	2 57	21 58	0s 1	0 3	2 58	16 9	1 10	24 25	0 37	18 16	0 8	23 39	0 9	13 21	5 21	3 20	2 54	8 51			n.a.
F 5	10 16	7 24	2 58	8 46	2 45	21 50	0 5	0 5	2 58	16 5	1 10	24 25	0 37	18 16	0 8	23 39	0 9	13 21	5 21	3 19	2 56	8 53			n.a.
S 6	9 55	10 43	3 48	9 14	2 32	21 41	0 9	0 7	2 57	16 0	1 10	24 25	0 37	18 16	0 8	23 39	0 9	13 21	5 21	3 19	2 57	8 54			n.a.
S 7	9 33	13 37	4 28	9 42	2 19	21 32	0 12	0 10	2 57	15 56	1 10	24 25	0 37	18 16	0 8	23 39	0 9	13 21	5 21	3 18	2 58	8 56			n.a.
M 8	9 11	15 57	4 57	10 11	2 4	21 22	0 16	0 13	2 56	15 51	1 10	24 25	0 37	18 16	0 8	23 39	0 9	13 21	5 21	3 18	2 59	8 58			n.a.
T 9	8 49	17 38	5 14	10 38	1 49	21 11	0 19	0 16	2 56	15 47	1 10	24 25	0 37	18 16	0 8	23 39	0 9	13 21	5 21	3 18	3 1	8 59			n.a.
W10	8 27	18 31	5 16	11 5	1 33	21 0	0 23	0 19	2 55	15 42	1 10	24 25	0 37	18 16	0 8	23 39	0 9	13 21	5 21	3 18	3 2	9 1			n.a.
T 11	8 4	18 30	5 3	11 31	1 17	20 48	0 26	0 23	2 54	15 38	1 10	24 25	0 37	18 16	0 8	23 40	0 9	13 21	5 21	3 19	3 3	9 3			n.a.
F 12	7 42	17 32	4 35	11 55	1 1	20 35	0 29	0 27	2 53	15 33	1 10	24 25	0 37	18 16	0 8	23 40	0 9	13 21	5 21	3 19	3 4	9 5			n.a.
S 13	7 19	15 34	3 50	12 18	0 45	20 22	0 33	0 31	2 52	15 29	1 10	24 25	0 37	18 16	0 8	23 40	0 9	13 21	5 21	3 20	3 6	9 6			n.a.
S 14	6 57	12 39	2 52	12 38	0 29	20 9	0 36	0 35	2 52	15 24	1 11	24 25	0 37	18 15	0 8	23 40	0 9	13 20	5 21	3 20	3 7	9 8			n.a.
M15	6 34	8 55	1 41	12 57	0 14	19 55	0 39	0 39	2 50	15 19	1 11	24 25	0 37	18 15	0 8	23 40	0 9	13 20	5 21	3 21	3 8	9 10			n.a.
T 16	6 11	4 35	0 22	13 14	0s 2	19 40	0 42	0 44	2 49	15 15	1 11	24 25	0 37	18 15	0 8	23 40	0 9	13 20	5 21	3 21	3 10	9 11			n.a.
W17	5 48	0n 5	0s59	13 28	0 16	19 25	0 45	0 49	2 48	15 10	1 11	24 25	0 37	18 15	0 8	23 40	0 9	13 20	5 22	3 21	3 11	9 13			n.a.
T 18	5 25	4 47	2 17	13 41	0 31	19 9	0 48	0 54	2 47	15 6	1 11	24 26	0 37	18 15	0 8	23 40	0 9	13 20	5 22	3 20	3 12	9 15			n.a.
F 19	5 2	9 10	3 26	13 51	0 44	18 53	0 51	0 59	2 46	15 1	1 11	24 26	0 37	18 15	0 8	23 40	0 9	13 20	5 22	3 20	3 13	9 16			n.a.
S 20	4 39	12 56	4 20	13 59	0 57	18 36	0 53	1 5	2 44	14 57	1 11	24 26	0 37	18 15	0 8	23 40	0 9	13 20	5 22	3 20	3 15	9 18			n.a.
S 21	4 16	15 52	4 57	14 4	1 9	18 18	0 56	1 10	2 43	14 52	1 11	24 26	0 37	18 14	0 8	23 40	0 9	13 19	5 22	3 20	3 16	9 20			n.a.
M22	3 53	17 46	5 16	14 8	1 21	18 0	0 59	1 16	2 41	14 48	1 11	24 26	0 37	18 14	0 8	23 40	0 9	13 19	5 22	3 20	3 17	9 21			n.a.
T 23	3 30	18 35	5 15	14 9	1 32	17 42	1 1	1 22	2 39	14 43	1 12	24 26	0 37	18 14	0 8	23 40	0 9	13 19	5 22	3 20	3 19	9 23			n.a.
W24	3 7	18 18	4 57	14 8	1 42	17 23	1 4	1 28	2 38	14 39	1 12	24 26	0 37	18 14	0 8	23 40	0 9	13 19	5 22	3 20	3 20	9 25			n.a.
T 25	2 43	17 2	4 23	14 5	1 52	17 4	1 6	1 34	2 36	14 34	1 12	24 26	0 37	18 14	0 8	23 40	0 9	13 19	5 22	3 20	3 21	9 26			n.a.
F 26	2 20	14 53	3 37	13 59	2 1	16 44	1 9	1 40	2 34	14 30	1 12	24 26	0 37	18 13	0 8	23 40	0 9	13 18	5 22	3 20	3 22	9 28			n.a.
S 27	1 57	12 3	2 41	13 52	2 9	16 24	1 11	1 46	2 32	14 25	1 12	24 26	0 37	18 13	0 8	23 40	0 9	13 18	5 22	3 20	3 24	9 30			n.a.
S 28	1 33	8 43	1 37	13 42	2 16	16 3	1 13	1 52	2 30	14 21	1 12	24 26	0 38	18 13	0 8	23 40	0 9	13 18	5 22	3 20	3 25	9 31			n.a.
M29	1 10	5 2	0 30	13 30	2 22	15 42	1 15	1 58	2 27	14 16	1 12	24 26	0 38	18 13	0 8	23 40	0 9	13 18	5 22	3 20	3 26	9 33			n.a.
T 30	0 47	1 12	0n37	13 17	2 28	15 20	1 17	2 5	2 25	14 12	1 12	24 26	0 38	18 12	0 8	23 40	0 9	13 18	5 22	3 20	3 27	9 35			n.a.
W31	0s23	2s38	1n42	13s 1	2s33	14s58	1s19	2n11	2n23	14s 8	1s13	24n26	0n38	18s12	0n 8	23n40	0n 9	13s17	5n22	3n20	3n29	9s36			n.a.

Julian Day Number = 1281356.5, Delta T = 08h07m50s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'18, Lahiri = -20°35'18 Julian Calendar 1 March 1205 BCE == Greg. Calendar 19 Feb. 1205 BCE

The year -1204 astronomical counting style corresponds to year 1205 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1205 BCE
geocentric

APRIL 1205 BCE (-1204) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 53 47	29♓59'51	22♎21	3♓48	25♒14	29°R38	26♒25	3♋ 3	21°R 4	9♋ 6	21°R37	21°R44	21♍19	3♏29	n.a.	T 1
F 2	11 57 44	0♈57'35	4♏13	4°50	26°25	29♍17	26°38	3° 4	21♏ 3	9° 6	21♏37	21♍42	21°16	3°36	n.a.	F 2
S 3	12 1 40	1°55'18	16° 3	5°55	27°36	28°56	26°51	3° 6	21° 1	9° 6	21°36	21°41	21°12	3°42	n.a.	S 3
S 4	12 5 37	2°53'00	27°55	7° 3	28°47	28°35	27° 4	3° 8	21° 0	9° 7	21°35	21°40	21° 9	3°49	n.a.	S 4
M 5	12 9 33	3°50'40	9♐52	8°13	29°58	28°13	27°17	3°10	20°59	9° 7	21°34	21°38	21° 6	3°56	n.a.	M 5
T 6	12 13 30	4°48'19	21°59	9°26	1♓10	27°52	27°30	3°12	20°57	9° 7	21°33	21°37	21° 3	4° 2	n.a.	T 6
W 7	12 17 26	5°45'56	4♑18	10°42	2°21	27°31	27°43	3°15	20°56	9° 7	21°32	21°D37	21° 0	4° 9	n.a.	W 7
T 8	12 21 23	6°43'33	16°56	12° 0	3°32	27°10	27°56	3°17	20°54	9° 7	21°31	21°37	20°57	4°16	n.a.	T 8
F 9	12 25 20	7°41'08	29°55	13°21	4°43	26°50	28° 9	3°19	20°53	9° 8	21°30	21°38	20°53	4°22	n.a.	F 9
S 10	12 29 16	8°38'42	13♒18	14°44	5°55	26°29	28°21	3°22	20°51	9° 8	21°29	21°39	20°50	4°29	n.a.	S 10
S 11	12 33 13	9°36'16	27° 8	16° 9	7° 6	26° 9	28°34	3°25	20°50	9° 8	21°28	21°40	20°47	4°36	n.a.	S 11
M12	12 37 9	10°33'48	11♓23	17°37	8°18	25°49	28°46	3°27	20°48	9° 9	21°27	21°41	20°44	4°43	n.a.	M12
T 13	12 41 6	11°31'18	26° 2	19° 7	9°29	25°30	28°59	3°30	20°46	9° 9	21°26	21°R41	20°41	4°49	n.a.	T 13
W14	12 45 2	12°28'48	10♈59	20°40	10°41	25°11	29°11	3°33	20°45	9° 9	21°25	21°41	20°37	4°56	n.a.	W14
T 15	12 48 59	13°26'17	26° 6	22°15	11°52	24°52	29°23	3°36	20°43	9°10	21°24	21°39	20°34	5° 3	n.a.	T 15
F 16	12 52 55	14°23'44	11♉13	23°52	13° 4	24°34	29°35	3°39	20°41	9°10	21°23	21°36	20°31	5° 9	n.a.	F 16
S 17	12 56 52	15°21'10	26°11	25°31	14°15	24°17	29°47	3°43	20°39	9°11	21°22	21°33	20°28	5°16	n.a.	S 17
S 18	13 0 49	16°18'34	10♊53	27°13	15°27	24° 0	29°59	3°46	20°37	9°11	21°20	21°30	20°25	5°23	n.a.	S 18
M19	13 4 45	17°15'58	25°13	28°57	16°39	23°43	0♓11	3°49	20°36	9°12	21°19	21°28	20°22	5°29	n.a.	M19
T 20	13 8 42	18°13'20	9♋ 8	0♈43	17°50	23°28	0°23	3°53	20°34	9°13	21°18	21°26	20°18	5°36	n.a.	T 20
W21	13 12 38	19°10'40	22°38	2°32	19° 2	23°13	0°35	3°56	20°32	9°13	21°17	21°D26	20°15	5°43	n.a.	W21
T 22	13 16 35	20° 7'59	5♌45	4°23	20°14	22°58	0°47	4° 0	20°30	9°14	21°16	21°27	20°12	5°49	n.a.	T 22
F 23	13 20 31	21° 5'17	18°32	6°16	21°25	22°45	0°58	4° 4	20°28	9°15	21°14	21°28	20° 9	5°56	n.a.	F 23
S 24	13 24 28	22° 2'34	1♍ 1	8°11	22°37	22°32	1°10	4° 8	20°26	9°15	21°13	21°30	20° 6	6° 3	n.a.	S 24
S 25	13 28 24	22°59'49	13°17	10° 8	23°49	22°20	1°21	4°12	20°24	9°16	21°12	21°31	20° 2	6° 9	n.a.	S 25
M26	13 32 21	23°57'04	25°23	12° 8	25° 1	22° 8	1°33	4°16	20°22	9°17	21°10	21°R31	19°59	6°16	n.a.	M26
T 27	13 36 18	24°54'17	7♎21	14° 9	26°13	21°58	1°44	4°20	20°20	9°18	21° 9	21°30	19°56	6°23	n.a.	T 27
W28	13 40 14	25°51'30	19°15	16°12	27°25	21°48	1°55	4°24	20°17	9°19	21° 8	21°27	19°53	6°29	n.a.	W28
T 29	13 44 11	26°48'41	1♏ 6	18°17	28°36	21°39	2° 6	4°28	20°15	9°20	21° 6	21°23	19°50	6°36	n.a.	T 29
F 30	13 48 7	27♈45'52	12♏56	20♈24	29♓48	21♍31	2♓17	4♋33	20♏13	9♋21	21♏ 5	21♍17	19♍47	6♏43	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s 0	6s21	2n42	12s43	2s38	14s36	1s21	2n17	2n20	14s 3	1s13	24n26	0n38	18s12	0n 8	23n40	0n 9	13s17	5n22	3n20	3n30	9s38		n.a.
F 2	0n23	9 46	3 34	12 24	2 42	14 13	1 23	2 23	2 18	13 59	1 13	24 26	0 38	18 11	0 8	23 40	0 9	13 17	5 22	3 20	3 31	9 40		n.a.
S 3	0 47	12 48	4 18	12 2	2 45	13 50	1 25	2 30	2 15	13 54	1 13	24 26	0 38	18 11	0 8	23 40	0 9	13 17	5 22	3 21	3 33	9 41		n.a.
S 4	1 10	15 19	4 50	11 39	2 47	13 26	1 26	2 36	2 13	13 50	1 13	24 26	0 38	18 11	0 8	23 40	0 9	13 16	5 22	3 22	3 34	9 43		n.a.
M 5	1 33	17 11	5 10	11 14	2 49	13 2	1 28	2 42	2 10	13 45	1 13	24 26	0 38	18 10	0 8	23 40	0 9	13 16	5 22	3 22	3 35	9 45		n.a.
T 6	1 56	18 19	5 17	10 46	2 50	12 38	1 29	2 48	2 7	13 41	1 13	24 26	0 38	18 10	0 8	23 40	0 9	13 16	5 22	3 23	3 36	9 46		n.a.
W 7	2 20	18 37	5 9	10 18	2 50	12 13	1 31	2 54	2 4	13 37	1 14	24 25	0 38	18 10	0 8	23 40	0 9	13 16	5 22	3 23	3 38	9 48		n.a.
T 8	2 43	18 1	4 46	9 47	2 50	11 48	1 32	3 0	2 2	13 32	1 14	24 25	0 38	18 9	0 8	23 40	0 9	13 15	5 22	3 23	3 39	9 50		n.a.
F 9	3 6	16 27	4 9	9 15	2 49	11 23	1 33	3 5	1 59	13 28	1 14	24 25	0 38	18 9	0 8	23 40	0 9	13 15	5 22	3 22	3 40	9 51		n.a.
S 10	3 29	13 58	3 17	8 41	2 48	10 57	1 34	3 11	1 56	13 24	1 14	24 25	0 38	18 8	0 8	23 40	0 9	13 15	5 23	3 22	3 41	9 53		n.a.
S 11	3 52	10 37	2 12	8 5	2 45	10 31	1 36	3 16	1 53	13 20	1 14	24 25	0 38	18 8	0 8	23 40	0 9	13 14	5 23	3 21	3 43	9 55		n.a.
M12	4 15	6 32	0 57	7 28	2 43	10 5	1 37	3 21	1 49	13 15	1 14	24 25	0 38	18 8	0 8	23 40	0 9	13 14	5 23	3 21	3 44	9 56		n.a.
T 13	4 38	1 58	0s24	6 49	2 39	9 39	1 37	3 26	1 46	13 11	1 15	24 25	0 38	18 7	0 8	23 40	0 9	13 14	5 23	3 21	3 45	9 58		n.a.
W14	5 1	2n49	1 45	6 8	2 35	9 12	1 38	3 31	1 43	13 7	1 15	24 25	0 38	18 7	0 8	23 40	0 9	13 14	5 23	3 21	3 46	10 0		n.a.
T 15	5 23	7 28	2 59	5 26	2 31	8 45	1 39	3 36	1 40	13 3	1 15	24 25	0 38	18 6	0 8	23 40	0 9	13 13	5 23	3 22	3 48	10 1		n.a.
F 16	5 46	11 39	4 0	4 42	2 26	8 18	1 40	3 40	1 37	12 58	1 15	24 25	0 38	18 6	0 8	23 40	0 9	13 13	5 23	3 23	3 49	10 3		n.a.
S 17	6 9	15 1	4 44	3 57	2 20	7 50	1 40	3 44	1 33	12 54	1 15	24 25	0 38	18 5	0 8	23 40	0 9	13 13	5 23	3 24	3 50	10 4		n.a.
S 18	6 31	17 21	5 9	3 10	2 14	7 22	1 41	3 48	1 30	12 50	1 15	24 25	0 38	18 5	0 8	23 40	0 9	13 12	5 23	3 25	3 52	10 6		n.a.
M19	6 53	18 31	5 14	2 22	2 7	6 55	1 41	3 51	1 27	12 46	1 16	24 25	0 38	18 4	0 8	23 40	0 9	13 12	5 23	3 26	3 53	10 8		n.a.
T 20	7 16	18 32	5 0	1 32	2 0	6 26	1 42	3 55	1 24	12 42	1 16	24 25	0 38	18 4	0 8	23 40	0 9	13 12	5 23	3 27	3 54	10 9		n.a.
W21	7 38	17 28	4 29	0 41	1 52	5 58	1 42	3 58	1 20	12 38	1 16	24 25	0 38	18 3	0 8	23 40	0 9	13 11	5 23	3 27	3 55	10 11		n.a.
T 22	8 0	15 30	3 45	0n11	1 44	5 30	1 42	4 1	1 17	12 34	1 16	24 25	0 38	18 3	0 8	23 40	0 9	13 11	5 23	3 27	3 57	10 13		n.a.
F 23	8 22	12 49	2 51	1 4	1 35	5 1	1 42	4 3	1 14	12 30	1 16	24 25	0 38	18 2	0 8	23 40	0 9	13 11	5 23	3 26	3 58	10 14		n.a.
S 24	8 43	9 35	1 50	1 59	1 26	4 32	1 43	4 5	1 10	12 26	1 17	24 24	0 38	18 2	0 8	23 40	0 9	13 11	5 23	3 25	3 59	10 16		n.a.
S 25	9 5	5 59	0 45	2 54	1 17	4 4	1 43	4 7	1 7	12 22	1 17	24 24	0 38	18 1	0 8	23 40	0 9	13 10	5 22	3 25	4 0	10 18		n.a.
M26	9 27	2 11	0n21	3 51	1 7	3 35	1 42	4 9	1 4	12 18	1 17	24 24	0 38	18 0	0 8	23 40	0 9	13 10	5 22	3 25	4 2	10 19		n.a.
T 27	9 48	1s39	1 25	4 48	0 57	3 5	1 42	4 10	1 1	12 14	1 17	24 24	0 38	18 0	0 8	23 40	0 9	13 10	5 22	3 25	4 3	10 21		n.a.
W28	10 9	5 25	2 26	5 46	0 47	2 36	1 42	4 11	0 57	12 10	1 17	24 24	0 38	17 59	0 8	23 40	0 9	13 9	5 22	3 26	4 4	10 22		n.a.
T 29	10 30	8 56	3 19	6 44	0 36	2 7	1 42	4 11	0 54	12 6	1 18	24 24	0 38	17 59	0 8	23 39	0 9	13 9	5 22	3 28	4 6	10 24		n.a.
F 30	10n51	12s 6	4n 4	7n42	0s25	1s37	1s41	4n12	0n51	12s 2	1s18	24n24	0n38	17s58	0n 8	23n39	0n 9	13s 9	5n22	3n31	4n 7	10s26		n.a.

Julian Day Number = 1281387.5, Delta T = 08h07m48s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'14, Lahiri = -20°35'14 Julian Calendar 1 Apr. 1205 BCE == Greg. Calendar 21 March 1205 BCE

The year -1204 astronomical counting style corresponds to year 1205 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1205 BCE
geocentric

MAY 1205 BCE (-1204) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 52 4	28♈43'03	24♏48	22♈32	1♈ 0	21°R23	2♓28	4♋37	20°R11	9♋21	21°R 4	21°R11	19♍43	6♏50	n.a.	S 1
S 2	13 56 0	29°40'12	6♐43	24°41	2°12	21♍17	2°39	4°42	20♏ 9	9°22	21♏ 2	21♍ 4	19°40	6°56	n.a.	S 2
M 3	13 59 57	0♉37'22	18°43	26°51	3°24	21°11	2°50	4°46	20° 6	9°23	21° 1	20°58	19°37	7° 3	n.a.	M 3
T 4	14 3 53	1°34'31	0♊52	29° 2	4°36	21° 6	3° 0	4°51	20° 4	9°25	20°59	20°52	19°34	7°10	n.a.	T 4
W 5	14 7 50	2°31'39	13°13	1♉13	5°49	21° 2	3°11	4°56	20° 2	9°26	20°58	20°49	19°31	7°16	n.a.	W 5
T 6	14 11 47	3°28'47	25°48	3°25	7° 1	20°59	3°21	5° 0	20° 0	9°27	20°57	20°47	19°28	7°23	n.a.	T 6
F 7	14 15 43	4°25'55	8♒43	5°37	8°13	20°56	3°31	5° 5	19°57	9°28	20°55	20°D47	19°24	7°30	n.a.	F 7
S 8	14 19 40	5°23'03	22° 0	7°48	9°25	20°54	3°42	5°10	19°55	9°29	20°54	20°48	19°21	7°36	n.a.	S 8
S 9	14 23 36	6°20'10	5♓41	9°58	10°37	20°54	3°52	5°15	19°53	9°30	20°52	20°49	19°18	7°43	n.a.	S 9
M10	14 27 33	7°17'17	19°50	12° 8	11°50	20°D54	4° 2	5°20	19°50	9°31	20°51	20°R49	19°15	7°50	n.a.	M10
T 11	14 31 29	8°14'24	4♈24	14°16	13° 2	20°54	4°12	5°25	19°48	9°33	20°49	20°49	19°12	7°56	n.a.	T 11
W12	14 35 26	9°11'31	19°20	16°24	14°14	20°56	4°21	5°31	19°46	9°34	20°48	20°46	19° 8	8° 3	n.a.	W12
T 13	14 39 22	10° 8'38	4♉31	18°30	15°26	20°58	4°31	5°36	19°43	9°35	20°46	20°41	19° 5	8°10	n.a.	T 13
F 14	14 43 19	11° 5'44	19°47	20°34	16°39	21° 2	4°40	5°41	19°41	9°36	20°45	20°35	19° 2	8°16	n.a.	F 14
S 15	14 47 16	12° 2'50	4♊57	22°37	17°51	21° 6	4°50	5°47	19°38	9°38	20°43	20°27	18°59	8°23	n.a.	S 15
S 16	14 51 12	12°59'56	19°53	24°37	19° 4	21°11	4°59	5°52	19°36	9°39	20°42	20°20	18°56	8°30	n.a.	S 16
M17	14 55 9	13°57'02	4♋24	26°36	20°16	21°16	5° 8	5°58	19°34	9°41	20°40	20°13	18°53	8°37	n.a.	M17
T 18	14 59 5	14°54'07	18°28	28°33	21°28	21°23	5°17	6° 4	19°31	9°42	20°39	20° 8	18°49	8°43	n.a.	T 18
W19	15 3 2	15°51'12	2♌ 3	0♊28	22°41	21°30	5°26	6° 9	19°29	9°43	20°37	20° 6	18°46	8°50	n.a.	W19
T 20	15 6 58	16°48'16	15°11	2°21	23°53	21°38	5°35	6°15	19°26	9°45	20°36	20°D 5	18°43	8°57	n.a.	T 20
F 21	15 10 55	17°45'20	27°54	4°11	25° 6	21°46	5°43	6°21	19°24	9°46	20°34	20° 5	18°40	9° 3	n.a.	F 21
S 22	15 14 52	18°42'23	10♍18	6° 0	26°19	21°56	5°52	6°27	19°21	9°48	20°32	20° 6	18°37	9°10	n.a.	S 22
S 23	15 18 48	19°39'26	22°27	7°47	27°31	22° 6	6° 0	6°33	19°19	9°50	20°31	20°R 6	18°33	9°17	n.a.	S 23
M24	15 22 45	20°36'29	4♎26	9°31	28°44	22°17	6° 9	6°39	19°17	9°51	20°29	20° 5	18°30	9°23	n.a.	M24
T 25	15 26 41	21°33'32	16°18	11°13	29°56	22°28	6°17	6°45	19°14	9°53	20°28	20° 2	18°27	9°30	n.a.	T 25
W26	15 30 38	22°30'35	28° 8	12°53	1♏ 9	22°40	6°25	6°51	19°12	9°54	20°26	19°56	18°24	9°37	n.a.	W26
T 27	15 34 34	23°27'38	9♏58	14°31	2°22	22°53	6°32	6°57	19° 9	9°56	20°25	19°48	18°21	9°43	n.a.	T 27
F 28	15 38 31	24°24'41	21°51	16° 7	3°35	23° 7	6°40	7° 3	19° 7	9°58	20°23	19°38	18°18	9°50	n.a.	F 28
S 29	15 42 27	25°21'45	3♐47	17°41	4°47	23°21	6°48	7° 9	19° 4	9°59	20°22	19°26	18°14	9°57	n.a.	S 29
S 30	15 46 24	26°18'48	15°48	19°13	6° 0	23°35	6°55	7°16	19° 2	10° 1	20°20	19°14	18°11	10° 4	n.a.	S 30
M31	15 50 21	27♉15'52	27♐57	20♊42	7♉13	23♍51	7♓ 2	7♋22	19♏ 0	10♋ 3	20♏19	19♍ 3	18♍ 8	10♏10	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n12	14s47	4n38	8n41	0s15	1s 8	1s41	4n12	0n48	11s59	1s18	24n24	0n38	17s58	0n 8	23n39	0n 9	13s 8	5n22	3n33	4n 8	10s27		n.a.
S 2	11 32	16 51	5 0	9 39	0 4	0 38	1 40	4 12	0 44	11 55	1 18	24 23	0 38	17 57	0 8	23 39	0 9	13 8	5 22	3 36	4 9	10 29		n.a.
M 3	11 53	18 12	5 10	10 37	0n 7	0 9	1 40	4 11	0 41	11 51	1 18	24 23	0 39	17 56	0 8	23 39	0 9	13 8	5 22	3 38	4 11	10 31		n.a.
T 4	12 13	18 45	5 5	11 35	0 17	0n21	1 39	4 10	0 38	11 47	1 19	24 23	0 39	17 56	0 8	23 39	0 9	13 7	5 22	3 41	4 12	10 32		n.a.
W 5	12 33	18 25	4 47	12 31	0 27	0 51	1 38	4 9	0 35	11 44	1 19	24 23	0 39	17 55	0 8	23 39	0 9	13 7	5 22	3 42	4 13	10 34		n.a.
T 6	12 53	17 10	4 14	13 27	0 37	1 20	1 38	4 7	0 32	11 40	1 19	24 23	0 39	17 55	0 8	23 39	0 9	13 7	5 22	3 43	4 14	10 35		n.a.
F 7	13 13	15 2	3 28	14 21	0 47	1 50	1 37	4 6	0 29	11 37	1 19	24 23	0 39	17 54	0 8	23 39	0 9	13 6	5 22	3 43	4 16	10 37		n.a.
S 8	13 32	12 3	2 30	15 14	0 56	2 20	1 36	4 3	0 26	11 33	1 20	24 23	0 39	17 53	0 8	23 39	0 9	13 6	5 22	3 42	4 17	10 39		n.a.
S 9	13 51	8 19	1 21	16 4	1 5	2 49	1 35	4 1	0 23	11 29	1 20	24 22	0 39	17 53	0 8	23 39	0 9	13 6	5 22	3 42	4 18	10 40		n.a.
M10	14 10	4 1	0 5	16 54	1 13	3 19	1 34	3 58	0 20	11 26	1 20	24 22	0 39	17 52	0 8	23 39	0 10	13 5	5 22	3 42	4 19	10 42		n.a.
T 11	14 29	0n40	1s13	17 41	1 21	3 49	1 33	3 55	0 17	11 23	1 20	24 22	0 39	17 51	0 8	23 39	0 10	13 5	5 22	3 42	4 21	10 44		n.a.
W12	14 48	5 25	2 28	18 25	1 28	4 18	1 31	3 52	0 14	11 19	1 21	24 22	0 39	17 51	0 8	23 39	0 10	13 5	5 22	3 43	4 22	10 45		n.a.
T 13	15 6	9 54	3 33	19 8	1 35	4 48	1 30	3 49	0 11	11 16	1 21	24 22	0 39	17 50	0 8	23 38	0 10	13 4	5 22	3 45	4 23	10 47		n.a.
F 14	15 24	13 44	4 24	19 48	1 41	5 17	1 29	3 45	0 9	11 13	1 21	24 21	0 39	17 49	0 8	23 38	0 10	13 4	5 22	3 48	4 25	10 48		n.a.
S 15	15 42	16 38	4 56	20 26	1 46	5 46	1 28	3 41	0 6	11 9	1 21	24 21	0 39	17 49	0 8	23 38	0 10	13 4	5 22	3 51	4 26	10 50		n.a.
S 16	16 0	18 21	5 7	21 1	1 50	6 15	1 26	3 36	0 3	11 6	1 22	24 21	0 39	17 48	0 8	23 38	0 10	13 3	5 21	3 54	4 27	10 52		n.a.
M17	16 17	18 48	4 57	21 34	1 54	6 45	1 25	3 31	0 0	11 3	1 22	24 21	0 39	17 47	0 8	23 38	0 10	13 3	5 21	3 56	4 28	10 53		n.a.
T 18	16 34	18 4	4 30	22 4	1 57	7 14	1 23	3 26	0s 2	11 0	1 22	24 21	0 39	17 47	0 8	23 38	0 10	13 3	5 21	3 58	4 30	10 55		n.a.
W19	16 51	16 19	3 49	22 32	2 0	7 42	1 22	3 21	0 5	10 57	1 22	24 20	0 39	17 46	0 8	23 38	0 10	13 2	5 21	3 59	4 31	10 56		n.a.
T 20	17 8	13 45	2 56	22 57	2 1	8 11	1 20	3 16	0 7	10 54	1 23	24 20	0 39	17 46	0 8	23 38	0 10	13 2	5 21	4 0	4 32	10 58		n.a.
F 21	17 24	10 35	1 56	23 20	2 2	8 40	1 18	3 10	0 10	10 51	1 23	24 20	0 39	17 45	0 7	23 38	0 10	13 2	5 21	3 59	4 33	11 0		n.a.
S 22	17 41	7 1	0 52	23 41	2 3	9 8	1 16	3 4	0 12	10 48	1 23	24 20	0 39	17 44	0 7	23 38	0 10	13 2	5 21	3 59	4 35	11 1		n.a.
S 23	17 56	3 14	0n13	23 59	2 2	9 36	1 15	2 58	0 15	10 45	1 23	24 19	0 39	17 44	0 7	23 37	0 10	13 1	5 21	3 59	4 36	11 3		n.a.
M24	18 12	0s38	1 16	24 15	2 2	10 4	1 13	2 51	0 17	10 42	1 24	24 19	0 39	17 43	0 7	23 37	0 10	13 1	5 21	3 59	4 37	11 4		n.a.
T 25	18 27	4 26	2 15	24 28	2 0	10 32	1 11	2 44	0 19	10 39	1 24	24 19	0 39	17 42	0 7	23 37	0 10	13 1	5 21	4 1	4 38	11 6		n.a.
W26	18 42	8 3	3 8	24 40	1 58	10 59	1 9	2 37	0 22	10 36	1 24	24 19	0 39	17 42	0 7	23 37	0 10	13 0	5 21	4 3	4 40	11 8		n.a.
T 27	18 57	11 22	3 53	24 50	1 55	11 27	1 7	2 30	0 24	10 34	1 24	24 18	0 39	17 41	0 7	23 37	0 10	13 0	5 20	4 6	4 41	11 9		n.a.
F 28	19 11	14 13	4 28	24 57	1 52	11 54	1 5	2 23	0 26	10 31	1 25	24 18	0 39	17 40	0 7	23 37	0 10	13 0	5 20	4 10	4 42	11 11		n.a.
S 29	19 25	16 29	4 51	25 3	1 48	12 21	1 3	2 15	0 29	10 28	1 25	24 18	0 39	17 40	0 7	23 37	0 10	12 59	5 20	4 15	4 43	11 12		n.a.
S 30	19 39	18 4	5 2	25 6	1 43	12 47	1 1	2 7	0 31	10 26	1 25	24 17	0 39	17 39	0 7	23 37	0 10	12 59	5 20	4 20	4 45	11 14		n.a.
M31	19n52	18s50	4n59	25n 8	1n38	13n13	0s59	1n59	0s33	10s23	1s26	24n17	0n40	17s38	0n 7	23n37	0n10	12s59	5n20	4n24	4n46	11s16		n.a.

Julian Day Number = 1281417.5, Delta T = 08h07m47s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'10, Lahiri = -20°35'10 Julian Calendar 1 May 1205 BCE == Greg. Calendar 20 Apr. 1205 BCE

The year -1204 astronomical counting style corresponds to year 1205 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1205 BCE
geocentric

JUNE 1205 BCE (-1204) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 54 17	28♉12'57	10♊14	22♊ 9	8♉26	24♍ 7	7♓ 9	7♋29	18°R57	10♋ 4	20°R17	18°R53	18♍ 5	10♏17	n.a.	T 1
W 2	15 58 14	29°10'02	22°40	23°34	9°39	24°23	7°16	7°35	18♏55	10° 6	20♏16	18♍46	18° 2	10°24	n.a.	W 2
T 3	16 2 10	0♊ 7'08	5♒20	24°57	10°52	24°41	7°23	7°42	18°52	10° 8	20°14	18°41	17°59	10°30	n.a.	T 3
F 4	16 6 7	1° 4'14	18°15	26°17	12° 5	24°58	7°30	7°48	18°50	10°10	20°13	18°38	17°55	10°37	n.a.	F 4
S 5	16 10 3	2° 1'21	1♓28	27°36	13°18	25°17	7°36	7°55	18°48	10°12	20°11	18°D38	17°52	10°44	n.a.	S 5
S 6	16 14 0	2°58'29	15° 3	28°51	14°31	25°35	7°43	8° 1	18°45	10°13	20°10	18°R38	17°49	10°50	n.a.	S 6
M 7	16 17 56	3°55'37	29° 1	0♋ 5	15°44	25°55	7°49	8° 8	18°43	10°15	20° 8	18°38	17°46	10°57	n.a.	M 7
T 8	16 21 53	4°52'47	13♈22	1°16	16°57	26°15	7°55	8°15	18°41	10°17	20° 7	18°36	17°43	11° 4	n.a.	T 8
W 9	16 25 50	5°49'57	28° 6	2°24	18°10	26°35	8° 1	8°22	18°38	10°19	20° 5	18°32	17°39	11°11	n.a.	W 9
T 10	16 29 46	6°47'08	13♉ 6	3°30	19°23	26°56	8° 6	8°28	18°36	10°21	20° 4	18°25	17°36	11°17	n.a.	T 10
F 11	16 33 43	7°44'20	28°16	4°32	20°36	27°18	8°12	8°35	18°34	10°23	20° 2	18°16	17°33	11°24	n.a.	F 11
S 12	16 37 39	8°41'33	13♊23	5°33	21°49	27°40	8°17	8°42	18°32	10°25	20° 1	18° 5	17°30	11°31	n.a.	S 12
S 13	16 41 36	9°38'46	28°19	6°30	23° 3	28° 2	8°23	8°49	18°29	10°27	19°59	17°54	17°27	11°37	n.a.	S 13
M14	16 45 32	10°36'00	12♋55	7°24	24°16	28°25	8°28	8°56	18°27	10°29	19°58	17°45	17°24	11°44	n.a.	M14
T 15	16 49 29	11°33'15	27° 4	8°15	25°29	28°48	8°32	9° 3	18°25	10°31	19°57	17°37	17°20	11°51	n.a.	T 15
W16	16 53 26	12°30'31	10♌44	9° 2	26°43	29°12	8°37	9°10	18°23	10°33	19°55	17°32	17°17	11°57	n.a.	W16
T 17	16 57 22	13°27'46	23°55	9°46	27°56	29°37	8°42	9°17	18°21	10°35	19°54	17°29	17°14	12° 4	n.a.	T 17
F 18	17 1 19	14°25'03	6♍40	10°26	29° 9	0♎ 2	8°46	9°24	18°19	10°37	19°52	17°28	17°11	12°11	n.a.	F 18
S 19	17 5 15	15°22'20	19° 5	11° 3	0♊23	0°27	8°50	9°31	18°17	10°39	19°51	17°28	17° 8	12°18	n.a.	S 19
S 20	17 9 12	16°19'38	1♎13	11°35	1°36	0°52	8°54	9°39	18°14	10°41	19°50	17°28	17° 5	12°24	n.a.	S 20
M21	17 13 8	17°16'56	13°10	12° 4	2°50	1°18	8°58	9°46	18°12	10°43	19°48	17°26	17° 1	12°31	n.a.	M21
T 22	17 17 5	18°14'15	25° 1	12°28	4° 3	1°45	9° 2	9°53	18°10	10°45	19°47	17°22	16°58	12°38	n.a.	T 22
W23	17 21 1	19°11'35	6♏50	12°47	5°17	2°12	9° 5	10° 0	18° 8	10°47	19°46	17°16	16°55	12°44	n.a.	W23
T 24	17 24 58	20° 8'56	18°42	13° 2	6°30	2°39	9° 8	10° 7	18° 6	10°49	19°45	17° 6	16°52	12°51	n.a.	T 24
F 25	17 28 55	21° 6'18	0♐38	13°12	7°44	3° 7	9°11	10°15	18° 5	10°51	19°43	16°55	16°49	12°58	n.a.	F 25
S 26	17 32 51	22° 3'41	12°42	13°R17	8°58	3°35	9°14	10°22	18° 3	10°53	19°42	16°42	16°45	13° 4	n.a.	S 26
S 27	17 36 48	23° 1'05	24°53	13°17	10°11	4° 3	9°17	10°29	18° 1	10°56	19°41	16°28	16°42	13°11	n.a.	S 27
M28	17 40 44	23°58'31	7♑14	13°11	11°25	4°32	9°20	10°37	17°59	10°58	19°40	16°16	16°39	13°18	n.a.	M28
T 29	17 44 41	24°55'58	19°44	13° 0	12°39	5° 1	9°22	10°44	17°57	11° 0	19°38	16° 5	16°36	13°25	n.a.	T 29
W30	17 48 37	25♊53'26	2♒25	12♋44	13♊52	5♎30	9♓24	10♋52	17♏55	11♋ 2	19♏37	15♍56	16♍33	13♏31	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n 5	18s45	4n42	25n 8	1n33	13n39	0s57	1n51	0s35	10s21	1s26	24n17	0n40	17s38	0n 7	23n36	0n10	12s59	5n20	4n28	4n47	11s17		n.a.
W 2	20 18	17 45	4 12	25 7	1 26	14 5	0 55	1 42	0 37	10 19	1 26	24 16	0 40	17 37	0 7	23 36	0 10	12 58	5 20	4 31	4 48	11 19		n.a.
T 3	20 31	15 53	3 28	25 4	1 20	14 30	0 52	1 33	0 39	10 16	1 26	24 16	0 40	17 36	0 7	23 36	0 10	12 58	5 20	4 33	4 50	11 20		n.a.
F 4	20 43	13 10	2 34	24 59	1 13	14 55	0 50	1 24	0 41	10 14	1 27	24 16	0 40	17 36	0 7	23 36	0 10	12 58	5 19	4 34	4 51	11 22		n.a.
S 5	20 55	9 44	1 30	24 54	1 5	15 20	0 48	1 15	0 43	10 12	1 27	24 15	0 40	17 35	0 7	23 36	0 10	12 57	5 19	4 34	4 52	11 23		n.a.
S 6	21 6	5 42	0 19	24 46	0 57	15 44	0 46	1 6	0 45	10 10	1 27	24 15	0 40	17 34	0 7	23 36	0 10	12 57	5 19	4 34	4 54	11 25		n.a.
M 7	21 17	1 14	0s55	24 38	0 48	16 8	0 43	0 56	0 47	10 8	1 28	24 15	0 40	17 34	0 7	23 36	0 10	12 57	5 19	4 34	4 55	11 27		n.a.
T 8	21 28	3n25	2 7	24 29	0 39	16 31	0 41	0 46	0 49	10 6	1 28	24 14	0 40	17 33	0 7	23 35	0 10	12 57	5 19	4 35	4 56	11 28		n.a.
W 9	21 38	7 59	3 13	24 18	0 29	16 54	0 39	0 37	0 50	10 4	1 28	24 14	0 40	17 32	0 7	23 35	0 10	12 56	5 19	4 37	4 57	11 30		n.a.
T 10	21 48	12 7	4 6	24 7	0 20	17 17	0 36	0 26	0 52	10 2	1 29	24 13	0 40	17 32	0 7	23 35	0 10	12 56	5 19	4 39	4 59	11 31		n.a.
F 11	21 58	15 30	4 43	23 55	0 9	17 39	0 34	0 16	0 54	10 0	1 29	24 13	0 40	17 31	0 7	23 35	0 10	12 56	5 18	4 43	5 0	11 33		n.a.
S 12	22 7	17 49	5 0	23 41	0s 2	18 1	0 31	0 6	0 56	9 58	1 29	24 13	0 40	17 31	0 7	23 35	0 10	12 56	5 18	4 47	5 1	11 34		n.a.
S 13	22 16	18 53	4 56	23 28	0 13	18 22	0 29	0s 5	0 57	9 57	1 29	24 12	0 40	17 30	0 7	23 35	0 10	12 56	5 18	4 51	5 2	11 36		n.a.
M14	22 24	18 40	4 33	23 13	0 24	18 43	0 27	0 16	0 59	9 55	1 30	24 12	0 40	17 29	0 7	23 35	0 10	12 55	5 18	4 55	5 4	11 38		n.a.
T 15	22 32	17 17	3 53	22 59	0 36	19 4	0 24	0 27	1 1	9 53	1 30	24 11	0 40	17 29	0 7	23 34	0 10	12 55	5 18	4 58	5 5	11 39		n.a.
W16	22 40	14 56	3 1	22 43	0 48	19 24	0 22	0 38	1 2	9 52	1 30	24 11	0 40	17 28	0 7	23 34	0 10	12 55	5 18	5 0	5 6	11 41		n.a.
T 17	22 48	11 52	2 1	22 28	1 0	19 43	0 19	0 49	1 4	9 50	1 31	24 11	0 40	17 28	0 7	23 34	0 10	12 55	5 17	5 1	5 7	11 42		n.a.
F 18	22 54	8 20	0 57	22 12	1 13	20 2	0 17	1 0	1 5	9 49	1 31	24 10	0 40	17 27	0 7	23 34	0 10	12 55	5 17	5 2	5 9	11 44		n.a.
S 19	23 1	4 31	0n 9	21 56	1 26	20 20	0 14	1 12	1 7	9 48	1 31	24 10	0 40	17 26	0 7	23 34	0 10	12 54	5 17	5 2	5 10	11 45		n.a.
S 20	23 7	0 37	1 12	21 41	1 39	20 38	0 12	1 24	1 8	9 47	1 32	24 9	0 41	17 26	0 7	23 34	0 10	12 54	5 17	5 2	5 11	11 47		n.a.
M21	23 13	3s16	2 11	21 25	1 52	20 55	0 9	1 36	1 10	9 45	1 32	24 9	0 41	17 25	0 7	23 34	0 10	12 54	5 17	5 3	5 12	11 49		n.a.
T 22	23 18	6 59	3 5	21 9	2 6	21 12	0 7	1 48	1 11	9 44	1 32	24 8	0 41	17 25	0 7	23 33	0 10	12 54	5 16	5 4	5 14	11 50		n.a.
W23	23 23	10 25	3 50	20 54	2 19	21 28	0 4	2 0	1 13	9 43	1 33	24 8	0 41	17 24	0 7	23 33	0 10	12 54	5 16	5 7	5 15	11 52		n.a.
T 24	23 28	13 26	4 25	20 40	2 32	21 43	0 2	2 12	1 14	9 42	1 33	24 7	0 41	17 24	0 7	23 33	0 10	12 53	5 16	5 10	5 16	11 53		n.a.
F 25	23 32	15 55	4 48	20 26	2 45	21 58	0n 1	2 24	1 15	9 41	1 33	24 7	0 41	17 23	0 7	23 33	0 10	12 53	5 16	5 15	5 17	11 55		n.a.
S 26	23 36	17 45	4 59	20 12	2 58	22 13	0 3	2 37	1 17	9 41	1 34	24 6	0 41	17 23	0 7	23 33	0 10	12 53	5 16	5 20	5 19	11 56		n.a.
S 27	23 39	18 47	4 57	19 59	3 11	22 26	0 6	2 49	1 18	9 40	1 34	24 6	0 41	17 22	0 7	23 33	0 10	12 53	5 16	5 25	5 20	11 58		n.a.
M28	23 42	18 58	4 41	19 48	3 23	22 39	0 8	3 2	1 19	9 39	1 34	24 5	0 41	17 22	0 7	23 32	0 10	12 53	5 15	5 30	5 21	11 59		n.a.
T 29	23 44	18 13	4 11	19 37	3 35	22 52	0 10	3 15	1 20	9 39	1 35	24 5	0 41	17 21	0 7	23 32	0 10	12 53	5 15	5 35	5 22	12 1		n.a.
W30	23n46	16s34	3n28	19n27	3s46	23n 3	0n13	3s28	1s22	9s38	1s35	24n 4	0n41	17s21	0n 7	23n32	0n10	12s53	5n15	5n38	5n24	12s 2		n.a.

Julian Day Number = 1281448.5, Delta T = 08h07m45s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'06, Lahiri = -20°35'05 Julian Calendar 1 June 1205 BCE == Greg. Calendar 21 May 1205 BCE

The year -1204 astronomical counting style corresponds to year 1205 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1205 BCE
geocentric

JULY 1205 BCE (-1204) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 52 34	26♊50'55	15♒16	12°R23	15♊ 6	6♎ 0	9♓26	10♋59	17°R54	11♋ 4	19°R36	15°R50	16♍30	13♏38	n.a.	T 1
F 2	17 56 30	27°48'26	28°20	11♋56	16°20	6°30	9°28	11° 6	17♏52	11° 6	19♏35	15♍47	16°26	13°45	n.a.	F 2
S 3	18 0 27	28°45'58	11♓38	11°24	17°34	7° 1	9°29	11°14	17°50	11° 9	19°34	15°D46	16°23	13°51	n.a.	S 3
S 4	18 4 24	29°43'32	25°12	10°48	18°48	7°31	9°31	11°21	17°49	11°11	19°33	15°R46	16°20	13°58	n.a.	S 4
M 5	18 8 20	0♋41'08	9♈ 4	10° 8	20° 2	8° 2	9°32	11°29	17°47	11°13	19°32	15°46	16°17	14° 5	n.a.	M 5
T 6	18 12 17	1°38'46	23°14	9°24	21°16	8°34	9°33	11°36	17°46	11°15	19°31	15°45	16°14	14°11	n.a.	T 6
W 7	18 16 13	2°36'25	7♉41	8°37	22°30	9° 5	9°34	11°44	17°44	11°17	19°30	15°41	16°11	14°18	n.a.	W 7
T 8	18 20 10	3°34'06	22°22	7°47	23°44	9°37	9°34	11°51	17°43	11°20	19°29	15°35	16° 7	14°25	n.a.	T 8
F 9	18 24 6	4°31'49	7♊12	6°57	24°58	10°10	9°35	11°59	17°41	11°22	19°28	15°26	16° 4	14°32	n.a.	F 9
S 10	18 28 3	5°29'33	22° 2	6° 5	26°12	10°42	9°R35	12° 6	17°40	11°24	19°27	15°16	16° 1	14°38	n.a.	S 10
S 11	18 31 59	6°27'20	6♋44	5°15	27°26	11°15	9°35	12°14	17°39	11°26	19°26	15° 6	15°58	14°45	n.a.	S 11
M12	18 35 56	7°25'07	21°10	4°26	28°40	11°48	9°35	12°22	17°37	11°28	19°25	14°56	15°55	14°52	n.a.	M12
T 13	18 39 53	8°22'57	5♌14	3°39	29°54	12°22	9°34	12°29	17°36	11°31	19°24	14°49	15°51	14°58	n.a.	T 13
W14	18 43 49	9°20'47	18°53	2°56	1♋ 9	12°55	9°34	12°37	17°35	11°33	19°23	14°44	15°48	15° 5	n.a.	W14
T 15	18 47 46	10°18'39	2♍ 5	2°18	2°23	13°29	9°33	12°44	17°34	11°35	19°22	14°41	15°45	15°12	n.a.	T 15
F 16	18 51 42	11°16'33	14°52	1°44	3°37	14° 3	9°32	12°52	17°33	11°37	19°22	14°D40	15°42	15°18	n.a.	F 16
S 17	18 55 39	12°14'28	27°19	1°17	4°51	14°38	9°31	12°59	17°32	11°40	19°21	14°41	15°39	15°25	n.a.	S 17
S 18	18 59 35	13°12'24	9♎28	0°57	6° 6	15°13	9°29	13° 7	17°30	11°42	19°20	14°R41	15°36	15°32	n.a.	S 18
M19	19 3 32	14°10'22	21°27	0°44	7°20	15°47	9°28	13°15	17°30	11°44	19°19	14°41	15°32	15°39	n.a.	M19
T 20	19 7 28	15° 8'21	3♏19	0°D39	8°34	16°23	9°26	13°22	17°29	11°46	19°19	14°39	15°29	15°45	n.a.	T 20
W21	19 11 25	16° 6'22	15°10	0°42	9°49	16°58	9°24	13°30	17°28	11°48	19°18	14°35	15°26	15°52	n.a.	W21
T 22	19 15 22	17° 4'25	27° 4	0°53	11° 3	17°34	9°22	13°37	17°27	11°51	19°17	14°29	15°23	15°59	n.a.	T 22
F 23	19 19 18	18° 2'29	9♐ 5	1°12	12°18	18°10	9°19	13°45	17°26	11°53	19°17	14°21	15°20	16° 5	n.a.	F 23
S 24	19 23 15	19° 0'35	21°16	1°39	13°32	18°46	9°17	13°52	17°25	11°55	19°16	14°11	15°17	16°12	n.a.	S 24
S 25	19 27 11	19°58'42	3♑38	2°15	14°47	19°22	9°14	14° 0	17°25	11°57	19°16	14° 1	15°13	16°19	n.a.	S 25
M26	19 31 8	20°56'52	16°13	2°58	16° 1	19°58	9°11	14° 8	17°24	12° 0	19°15	13°52	15°10	16°26	n.a.	M26
T 27	19 35 4	21°55'03	29° 1	3°50	17°16	20°35	9° 8	14°15	17°23	12° 2	19°15	13°43	15° 7	16°32	n.a.	T 27
W28	19 39 1	22°53'16	12♒ 0	4°48	18°30	21°12	9° 4	14°23	17°23	12° 4	19°14	13°37	15° 4	16°39	n.a.	W28
T 29	19 42 57	23°51'32	25°12	5°54	19°45	21°49	9° 1	14°30	17°22	12° 6	19°14	13°34	15° 1	16°46	n.a.	T 29
F 30	19 46 54	24°49'49	8♓35	7° 6	20°59	22°26	8°57	14°38	17°22	12° 8	19°13	13°D32	14°57	16°52	n.a.	F 30
S 31	19 50 51	25♋48'08	22♓ 9	8♋25	22♋14	23♎ 4	8♓53	14♋45	17♏21	12♋11	19♏13	13♍32	14♍54	16♏59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n48	14s 4	2n34	19n19	3s57	23n14	0n15	3s41	1s23	9s38	1s35	24n 3	0n41	17s20	0n 7	23n32	0n10	12s53	5n15	5n40	5n25	12s 4			n.a.
F 2	23 49	10 50	1 31	19 12	4 6	23 25	0 18	3 54	1 24	9 37	1 36	24 3	0 41	17 20	0 7	23 32	0 10	12 52	5 14	5 42	5 26	12 6			n.a.
S 3	23 50	6 59	0 22	19 6	4 15	23 34	0 20	4 8	1 25	9 37	1 36	24 2	0 41	17 19	0 7	23 32	0 10	12 52	5 14	5 42	5 27	12 7			n.a.
S 4	23 50	2 42	0s50	19 2	4 22	23 43	0 22	4 21	1 26	9 37	1 36	24 2	0 41	17 19	0 7	23 31	0 10	12 52	5 14	5 42	5 29	12 9			n.a.
M 5	23 50	1n49	2 0	19 0	4 28	23 52	0 25	4 34	1 27	9 37	1 37	24 1	0 42	17 18	0 7	23 31	0 10	12 52	5 14	5 42	5 30	12 10			n.a.
T 6	23 49	6 19	3 5	18 59	4 32	23 59	0 27	4 48	1 28	9 37	1 37	24 1	0 42	17 18	0 7	23 31	0 10	12 52	5 14	5 43	5 31	12 12			n.a.
W 7	23 49	10 33	3 59	18 59	4 35	24 6	0 29	5 2	1 29	9 37	1 37	24 0	0 42	17 17	0 7	23 31	0 10	12 52	5 13	5 44	5 32	12 13			n.a.
T 8	23 47	14 11	4 38	19 1	4 35	24 12	0 31	5 15	1 30	9 37	1 38	23 59	0 42	17 17	0 7	23 31	0 10	12 52	5 13	5 47	5 34	12 15			n.a.
F 9	23 45	16 57	4 59	19 5	4 34	24 18	0 34	5 29	1 31	9 37	1 38	23 59	0 42	17 17	0 7	23 30	0 10	12 52	5 13	5 50	5 35	12 16			n.a.
S 10	23 43	18 36	5 0	19 10	4 32	24 23	0 36	5 43	1 32	9 37	1 38	23 58	0 42	17 16	0 7	23 30	0 10	12 52	5 13	5 54	5 36	12 18			n.a.
S 11	23 40	18 59	4 41	19 17	4 27	24 26	0 38	5 57	1 33	9 37	1 39	23 57	0 42	17 16	0 7	23 30	0 10	12 52	5 13	5 58	5 37	12 19			n.a.
M12	23 37	18 7	4 5	19 26	4 20	24 30	0 40	6 11	1 34	9 38	1 39	23 57	0 42	17 16	0 7	23 30	0 10	12 52	5 12	6 2	5 39	12 21			n.a.
T 13	23 34	16 9	3 14	19 35	4 12	24 32	0 42	6 25	1 35	9 38	1 39	23 56	0 42	17 15	0 7	23 30	0 10	12 52	5 12	6 5	5 40	12 22			n.a.
W14	23 30	13 19	2 13	19 46	4 2	24 34	0 44	6 39	1 36	9 39	1 40	23 56	0 42	17 15	0 7	23 30	0 10	12 52	5 12	6 7	5 41	12 24			n.a.
T 15	23 26	9 52	1 7	19 59	3 50	24 35	0 46	6 53	1 37	9 39	1 40	23 55	0 42	17 15	0 7	23 29	0 10	12 52	5 12	6 8	5 42	12 25			n.a.
F 16	23 21	6 4	0n 1	20 12	3 37	24 35	0 48	7 8	1 38	9 40	1 40	23 54	0 42	17 14	0 7	23 29	0 10	12 52	5 11	6 8	5 44	12 27			n.a.
S 17	23 16	2 7	1 7	20 27	3 23	24 35	0 50	7 22	1 39	9 41	1 41	23 54	0 42	17 14	0 7	23 29	0 10	12 52	5 11	6 8	5 45	12 28			n.a.
S 18	23 10	1s51	2 9	20 42	3 8	24 33	0 52	7 36	1 39	9 42	1 41	23 53	0 43	17 14	0 7	23 29	0 10	12 52	5 11	6 7	5 46	12 30			n.a.
M19	23 4	5 40	3 3	20 58	2 52	24 31	0 54	7 51	1 40	9 43	1 41	23 52	0 43	17 13	0 7	23 29	0 10	12 52	5 11	6 8	5 47	12 32			n.a.
T 20	22 58	9 14	3 50	21 15	2 35	24 29	0 56	8 5	1 41	9 44	1 41	23 52	0 43	17 13	0 7	23 28	0 10	12 52	5 10	6 8	5 49	12 33			n.a.
W21	22 51	12 25	4 26	21 32	2 18	24 25	0 57	8 20	1 42	9 45	1 42	23 51	0 43	17 13	0 7	23 28	0 10	12 52	5 10	6 10	5 50	12 35			n.a.
T 22	22 43	15 6	4 51	21 50	2 0	24 21	0 59	8 34	1 42	9 46	1 42	23 50	0 43	17 13	0 7	23 28	0 10	12 52	5 10	6 12	5 51	12 36			n.a.
F 23	22 36	17 10	5 4	22 7	1 43	24 16	1 1	8 49	1 43	9 47	1 42	23 49	0 43	17 12	0 7	23 28	0 10	12 52	5 10	6 16	5 52	12 38			n.a.
S 24	22 28	18 30	5 3	22 24	1 26	24 10	1 2	9 4	1 44	9 48	1 43	23 49	0 43	17 12	0 7	23 28	0 10	12 52	5 9	6 19	5 54	12 39			n.a.
S 25	22 19	18 59	4 48	22 40	1 8	24 4	1 4	9 18	1 44	9 50	1 43	23 48	0 43	17 12	0 7	23 27	0 10	12 52	5 9	6 23	5 55	12 41			n.a.
M26	22 10	18 33	4 18	22 56	0 52	23 56	1 5	9 33	1 45	9 51	1 43	23 47	0 43	17 12	0 7	23 27	0 10	12 52	5 9	6 27	5 56	12 42			n.a.
T 27	22 1	17 11	3 36	23 11	0 36	23 48	1 7	9 48	1 46	9 52	1 44	23 47	0 43	17 12	0 7	23 27	0 10	12 53	5 9	6 30	5 57	12 44			n.a.
W28	21 51	14 54	2 41	23 25	0 20	23 40	1 8	10 2	1 46	9 54	1 44	23 46	0 43	17 12	0 7	23 27	0 10	12 53	5 8	6 33	5 59	12 45			n.a.
T 29	21 41	11 49	1 37	23 37	0 5	23 30	1 10	10 17	1 47	9 56	1 44	23 45	0 43	17 11	0 7	23 27	0 10	12 53	5 8	6 34	6 0	12 47			n.a.
F 30	21 31	8 4	0 27	23 48	0n 9	23 20	1 11	10 32	1 47	9 57	1 44	23 44	0 44	17 11	0 7	23 27	0 10	12 53	5 8	6 35	6 1	12 48			n.a.
S 31	21n20	3s52	0s46	23n56	0n22	23n 9	1n12	10s46	1s48	9s59	1s45	23n44	0n44	17s11	0n 7	23n26	0n10	12s53	5n 8	6n35	6n 2	12s50			n.a.

Julian Day Number = 1281478.5, Delta T = 08h07m43s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°42'02, Lahiri = -20°35'01 Julian Calendar 1 July 1205 BCE == Greg. Calendar 20 June 1205 BCE

The year -1204 astronomical counting style corresponds to year 1205 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1205 BCE
geocentric

AUGUST 1205 BCE (-1204) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 54 47	26♋46'30	5♈53	9♋49	23♋29	23♎42	8°R49	14♋53	17°R21	12♋13	19°R12	13♍33	14♍51	17♏ 6	n.a.	S 1
M 2	19 58 44	27°44'54	19°48	11°17	24°43	24°19	8♓45	15° 0	17♏21	12°15	19♏12	13°34	14°48	17°12	n.a.	M 2
T 3	20 2 40	28°43'20	3♉54	12°51	25°58	24°57	8°40	15° 8	17°20	12°17	19°12	13°R34	14°45	17°19	n.a.	T 3
W 4	20 6 37	29°41'48	18° 8	14°28	27°13	25°36	8°36	15°15	17°20	12°19	19°12	13°33	14°42	17°26	n.a.	W 4
T 5	20 10 33	0♌40'20	2♊30	16° 9	28°28	26°14	8°31	15°22	17°20	12°21	19°11	13°30	14°38	17°33	n.a.	T 5
F 6	20 14 30	1°38'53	16°55	17°52	29°42	26°53	8°26	15°30	17°20	12°23	19°11	13°25	14°35	17°39	n.a.	F 6
S 7	20 18 26	2°37'29	1♋19	19°38	0♌57	27°31	8°21	15°37	17°20	12°26	19°11	13°19	14°32	17°46	n.a.	S 7
S 8	20 22 23	3°36'07	15°36	21°26	2°12	28°10	8°16	15°45	17°D20	12°28	19°11	13°12	14°29	17°53	n.a.	S 8
M 9	20 26 19	4°34'47	29°40	23°15	3°27	28°49	8°10	15°52	17°20	12°30	19°11	13° 6	14°26	17°59	n.a.	M 9
T 10	20 30 16	5°33'29	13♌28	25° 6	4°42	29°29	8° 5	15°59	17°20	12°32	19°11	13° 2	14°22	18° 6	n.a.	T 10
W11	20 34 13	6°32'13	26°55	26°57	5°57	0♏ 8	7°59	16° 6	17°20	12°34	19°11	12°59	14°19	18°13	n.a.	W11
T 12	20 38 9	7°30'59	10♍ 1	28°49	7°12	0°48	7°53	16°14	17°20	12°36	19°D11	12°D58	14°16	18°20	n.a.	T 12
F 13	20 42 6	8°29'47	22°46	0♌41	8°27	1°27	7°47	16°21	17°21	12°38	19°11	12°58	14°13	18°26	n.a.	F 13
S 14	20 46 2	9°28'37	5♎12	2°33	9°42	2° 7	7°41	16°28	17°21	12°40	19°11	12°59	14°10	18°33	n.a.	S 14
S 15	20 49 59	10°27'29	17°23	4°24	10°57	2°47	7°34	16°35	17°21	12°42	19°11	13° 1	14° 7	18°40	n.a.	S 15
M16	20 53 55	11°26'23	29°23	6°16	12°12	3°28	7°28	16°42	17°22	12°44	19°11	13° 3	14° 3	18°46	n.a.	M16
T 17	20 57 52	12°25'19	11♏16	8° 7	13°27	4° 8	7°21	16°50	17°22	12°46	19°11	13°R 3	14° 0	18°53	n.a.	T 17
W18	21 1 48	13°24'17	23° 8	9°57	14°42	4°48	7°14	16°57	17°23	12°48	19°11	13° 3	13°57	19° 0	n.a.	W18
T 19	21 5 45	14°23'17	5♐ 4	11°47	15°57	5°29	7° 8	17° 4	17°23	12°50	19°11	13° 1	13°54	19° 7	n.a.	T 19
F 20	21 9 42	15°22'18	17° 7	13°36	17°12	6°10	7° 1	17°11	17°24	12°52	19°11	12°58	13°51	19°13	n.a.	F 20
S 21	21 13 38	16°21'22	29°22	15°24	18°27	6°51	6°54	17°18	17°24	12°54	19°12	12°54	13°48	19°20	n.a.	S 21
S 22	21 17 35	17°20'28	11♑52	17°12	19°42	7°32	6°46	17°25	17°25	12°56	19°12	12°50	13°44	19°27	n.a.	S 22
M23	21 21 31	18°19'35	24°38	18°59	20°57	8°13	6°39	17°31	17°26	12°58	19°12	12°46	13°41	19°33	n.a.	M23
T 24	21 25 28	19°18'45	7♒41	20°44	22°12	8°54	6°32	17°38	17°27	13° 0	19°13	12°43	13°38	19°40	n.a.	T 24
W25	21 29 24	20°17'57	21° 2	22°30	23°27	9°35	6°24	17°45	17°28	13° 2	19°13	12°40	13°35	19°47	n.a.	W25
T 26	21 33 21	21°17'11	4♓38	24°14	24°42	10°17	6°17	17°52	17°29	13° 3	19°14	12°39	13°32	19°54	n.a.	T 26
F 27	21 37 17	22°16'27	18°26	25°57	25°57	10°58	6° 9	17°59	17°30	13° 5	19°14	12°D39	13°28	20° 0	n.a.	F 27
S 28	21 41 14	23°15'45	2♈25	27°40	27°12	11°40	6° 1	18° 5	17°31	13° 7	19°14	12°40	13°25	20° 7	n.a.	S 28
S 29	21 45 10	24°15'06	16°32	29°21	28°27	12°22	5°54	18°12	17°32	13° 9	19°15	12°41	13°22	20°14	n.a.	S 29
M30	21 49 7	25°14'30	0♉43	1♍ 2	29°43	13° 4	5°46	18°18	17°33	13°11	19°16	12°42	13°19	20°20	n.a.	M30
T 31	21 53 4	26♌13'56	14♉56	2♍43	0♍58	13♏46	5♓38	18♋25	17♏34	13♋12	19♏16	12♍43	13♍16	20♏27	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21n 9	0n35	1s58	24n 3	0n35	22n58	1n13	11s 1	1s48	10s 1	1s45	23n43	0n44	17s11	0n 7	23n26	0n10	12s53	5n 7	6n34	6n 4	12s51			n.a.
M 2	20 57	5 3	3 3	24 7	0 46	22 45	1 14	11 16	1 49	10 3	1 45	23 42	0 44	17 11	0 7	23 26	0 10	12 53	5 7	6 34	6 5	12 53			n.a.
T 3	20 45	9 17	3 58	24 9	0 57	22 32	1 16	11 31	1 49	10 5	1 46	23 41	0 44	17 11	0 7	23 26	0 10	12 54	5 7	6 34	6 6	12 54			n.a.
W 4	20 33	13 2	4 40	24 8	1 6	22 19	1 17	11 45	1 50	10 7	1 46	23 41	0 44	17 11	0 7	23 26	0 10	12 54	5 7	6 34	6 7	12 56			n.a.
T 5	20 20	16 3	5 4	24 5	1 15	22 4	1 18	12 0	1 50	10 9	1 46	23 40	0 44	17 11	0 6	23 25	0 10	12 54	5 6	6 36	6 9	12 57			n.a.
F 6	20 7	18 4	5 9	23 59	1 22	21 49	1 18	12 15	1 51	10 11	1 46	23 39	0 44	17 11	0 6	23 25	0 10	12 54	5 6	6 38	6 10	12 58			n.a.
S 7	19 54	18 55	4 54	23 50	1 29	21 34	1 19	12 29	1 51	10 13	1 47	23 38	0 44	17 11	0 6	23 25	0 10	12 54	5 6	6 40	6 11	13 0			n.a.
S 8	19 40	18 34	4 22	23 39	1 34	21 18	1 20	12 44	1 52	10 15	1 47	23 38	0 44	17 11	0 6	23 25	0 10	12 55	5 6	6 42	6 12	13 1			n.a.
M 9	19 26	17 5	3 34	23 25	1 39	21 1	1 21	12 59	1 52	10 18	1 47	23 37	0 45	17 11	0 6	23 25	0 10	12 55	5 5	6 45	6 14	13 3			n.a.
T 10	19 12	14 36	2 34	23 9	1 43	20 43	1 21	13 13	1 52	10 20	1 47	23 36	0 45	17 11	0 6	23 24	0 11	12 55	5 5	6 46	6 15	13 4			n.a.
W11	18 57	11 24	1 26	22 51	1 46	20 25	1 22	13 28	1 53	10 22	1 48	23 35	0 45	17 11	0 6	23 24	0 11	12 55	5 5	6 48	6 16	13 6			n.a.
T 12	18 42	7 42	0 16	22 30	1 48	20 6	1 23	13 42	1 53	10 25	1 48	23 34	0 45	17 11	0 6	23 24	0 11	12 55	5 5	6 48	6 17	13 7			n.a.
F 13	18 26	3 44	0n53	22 7	1 49	19 47	1 23	13 57	1 53	10 27	1 48	23 34	0 45	17 11	0 6	23 24	0 11	12 56	5 4	6 48	6 19	13 9			n.a.
S 14	18 11	0s17	1 59	21 42	1 50	19 27	1 23	14 11	1 54	10 30	1 48	23 33	0 45	17 11	0 6	23 24	0 11	12 56	5 4	6 47	6 20	13 10			n.a.
S 15	17 54	4 13	2 57	21 15	1 50	19 7	1 24	14 25	1 54	10 32	1 48	23 32	0 45	17 11	0 6	23 24	0 11	12 56	5 4	6 47	6 21	13 12			n.a.
M16	17 38	7 54	3 47	20 47	1 50	18 46	1 24	14 40	1 54	10 35	1 49	23 31	0 45	17 12	0 6	23 23	0 11	12 57	5 4	6 46	6 22	13 13			n.a.
T 17	17 21	11 14	4 27	20 17	1 48	18 24	1 24	14 54	1 55	10 38	1 49	23 30	0 45	17 12	0 6	23 23	0 11	12 57	5 3	6 46	6 24	13 15			n.a.
W18	17 4	14 7	4 55	19 45	1 47	18 2	1 24	15 8	1 55	10 41	1 49	23 30	0 46	17 12	0 6	23 23	0 11	12 57	5 3	6 46	6 25	13 16			n.a.
T 19	16 47	16 24	5 10	19 12	1 44	17 40	1 24	15 22	1 55	10 43	1 49	23 29	0 46	17 12	0 6	23 23	0 11	12 57	5 3	6 47	6 26	13 18			n.a.
F 20	16 30	18 1	5 13	18 38	1 42	17 17	1 24	15 36	1 55	10 46	1 49	23 28	0 46	17 12	0 6	23 23	0 11	12 58	5 2	6 48	6 27	13 19			n.a.
S 21	16 12	18 49	5 1	18 3	1 39	16 53	1 24	15 50	1 55	10 49	1 49	23 27	0 46	17 12	0 6	23 23	0 11	12 58	5 2	6 49	6 29	13 21			n.a.
S 22	15 54	18 44	4 34	17 27	1 35	16 29	1 24	16 4	1 56	10 52	1 50	23 27	0 46	17 13	0 6	23 22	0 11	12 58	5 2	6 51	6 30	13 22			n.a.
M23	15 35	17 43	3 54	16 50	1 31	16 4	1 24	16 18	1 56	10 55	1 50	23 26	0 46	17 13	0 6	23 22	0 11	12 59	5 2	6 53	6 31	13 23			n.a.
T 24	15 16	15 45	3 1	16 11	1 27	15 40	1 24	16 32	1 56	10 58	1 50	23 25	0 46	17 13	0 6	23 22	0 11	12 59	5 1	6 54	6 32	13 25			n.a.
W25	14 58	12 53	1 56	15 33	1 23	15 14	1 23	16 45	1 56	11 0	1 50	23 24	0 46	17 13	0 6	23 22	0 11	12 59	5 1	6 55	6 34	13 26			n.a.
T 26	14 38	9 17	0 44	14 53	1 18	14 48	1 23	16 59	1 56	11 3	1 50	23 23	0 47	17 14	0 6	23 22	0 11	13 0	5 1	6 55	6 35	13 28			n.a.
F 27	14 19	5 8	0s32	14 13	1 13	14 22	1 23	17 12	1 56	11 6	1 50	23 23	0 47	17 14	0 6	23 21	0 11	13 0	5 1	6 55	6 36	13 29			n.a.
S 28	13 59	0 39	1 47	13 32	1 8	13 56	1 22	17 26	1 56	11 9	1 50	23 22	0 47	17 14	0 6	23 21	0 11	13 1	5 0	6 55	6 37	13 31			n.a.
S 29	13 39	3n54	2 56	12 51	1 2	13 29	1 22	17 39	1 56	11 12	1 50	23 21	0 47	17 15	0 6	23 21	0 11	13 1	5 0	6 55	6 39	13 32			n.a.
M30	13 19	8 15	3 55	12 10	0 56	13 1	1 21	17 52	1 57	11 15	1 51	23 20	0 47	17 15	0 6	23 21	0 11	13 1	5 0	6 54	6 40	13 34			n.a.
T 31	12n59	12n 8	4s40	11n28	0n50	12n34	1n20	18s 5	1s57	11s18	1s51	23n19	0n47	17s15	0n 6	23n21	0n11	13s 2	5n 0	6n54	6n41	13s35			n.a.

Julian Day Number = 1281509.5, Delta T = 08h07m42s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'57, Lahiri = -20°34'57 Julian Calendar 1 Aug. 1205 BCE == Greg. Calendar 21 July 1205 BCE

The year -1204 astronomical counting style corresponds to year 1205 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1205 BCE
geocentric

SEPTEMBER 1205 BCE (-1204) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 57 0	27♌13'24	29♉ 8	4♍22	2♍13	14♏28	5°R30	18♋31	17♏35	13♋14	19♏17	12°R43	13♍13	20♏34	n.a.	W 1
T 2	22 0 57	28°12'55	13♊18	6° 1	3°28	15°10	5♓22	18°38	17°36	13°16	19°17	12♍43	13° 9	20°41	n.a.	T 2
F 3	22 4 53	29°12'28	27°23	7°39	4°43	15°53	5°14	18°44	17°38	13°17	19°18	12°42	13° 6	20°47	n.a.	F 3
S 4	22 8 50	0♍12'04	11♋21	9°16	5°59	16°35	5° 6	18°51	17°39	13°19	19°19	12°40	13° 3	20°54	n.a.	S 4
S 5	22 12 46	1°11'42	25° 9	10°52	7°14	17°18	4°58	18°57	17°40	13°21	19°19	12°39	13° 0	21° 1	n.a.	S 5
M 6	22 16 43	2°11'23	8♌46	12°28	8°29	18° 0	4°50	19° 3	17°42	13°22	19°20	12°37	12°57	21° 7	n.a.	M 6
T 7	22 20 39	3°11'06	22° 9	14° 3	9°44	18°43	4°42	19° 9	17°43	13°24	19°21	12°36	12°54	21°14	n.a.	T 7
W 8	22 24 36	4°10'51	5♍16	15°37	10°59	19°26	4°34	19°15	17°45	13°26	19°22	12°36	12°50	21°21	n.a.	W 8
T 9	22 28 32	5°10'38	18° 8	17°11	12°15	20° 9	4°25	19°21	17°47	13°27	19°23	12°D36	12°47	21°28	n.a.	T 9
F 10	22 32 29	6°10'27	0♎44	18°44	13°30	20°52	4°17	19°27	17°48	13°29	19°24	12°36	12°44	21°34	n.a.	F 10
S 11	22 36 26	7°10'18	13° 6	20°17	14°45	21°35	4° 9	19°33	17°50	13°30	19°25	12°37	12°41	21°41	n.a.	S 11
S 12	22 40 22	8°10'11	25°15	21°49	16° 0	22°18	4° 1	19°39	17°52	13°32	19°25	12°37	12°38	21°48	n.a.	S 12
M13	22 44 19	9°10'06	7♏14	23°20	17°16	23° 2	3°53	19°45	17°54	13°33	19°26	12°38	12°34	21°54	n.a.	M13
T 14	22 48 15	10°10'03	19° 8	24°51	18°31	23°45	3°45	19°51	17°55	13°34	19°27	12°38	12°31	22° 1	n.a.	T 14
W15	22 52 12	11°10'02	0♐59	26°21	19°46	24°28	3°37	19°57	17°57	13°36	19°28	12°38	12°28	22° 8	n.a.	W15
T 16	22 56 8	12°10'03	12°54	27°50	21° 1	25°12	3°29	20° 2	17°59	13°37	19°30	12°38	12°25	22°15	n.a.	T 16
F 17	23 0 5	13°10'05	24°56	29°19	22°17	25°56	3°21	20° 8	18° 1	13°38	19°31	12°38	12°22	22°21	n.a.	F 17
S 18	23 4 1	14°10'09	7♑10	0♎47	23°32	26°39	3°13	20°13	18° 3	13°40	19°32	12°38	12°19	22°28	n.a.	S 18
S 19	23 7 58	15°10'15	19°40	2°15	24°47	27°23	3° 6	20°19	18° 5	13°41	19°33	12°38	12°15	22°35	n.a.	S 19
M20	23 11 54	16°10'23	2♒30	3°42	26° 2	28° 7	2°58	20°24	18° 7	13°42	19°34	12°39	12°12	22°41	n.a.	M20
T 21	23 15 51	17°10'32	15°42	5° 8	27°18	28°51	2°50	20°29	18° 9	13°43	19°35	12°39	12° 9	22°48	n.a.	T 21
W22	23 19 48	18°10'43	29°16	6°34	28°33	29°35	2°43	20°34	18°12	13°45	19°37	12°40	12° 6	22°55	n.a.	W22
T 23	23 23 44	19°10'56	13♓12	7°59	29°48	0♐19	2°35	20°39	18°14	13°46	19°38	12°R40	12° 3	23° 2	n.a.	T 23
F 24	23 27 41	20°11'11	27°27	9°23	1♎ 3	1° 3	2°28	20°45	18°16	13°47	19°39	12°39	11°59	23° 8	n.a.	F 24
S 25	23 31 37	21°11'28	11♈55	10°46	2°18	1°47	2°20	20°49	18°19	13°48	19°40	12°39	11°56	23°15	n.a.	S 25
S 26	23 35 34	22°11'47	26°31	12° 9	3°34	2°31	2°13	20°54	18°21	13°49	19°42	12°38	11°53	23°22	n.a.	S 26
M27	23 39 30	23°12'08	11♉ 8	13°30	4°49	3°15	2° 6	20°59	18°23	13°50	19°43	12°37	11°50	23°28	n.a.	M27
T 28	23 43 27	24°12'31	25°41	14°50	6° 4	4° 0	1°59	21° 4	18°26	13°51	19°44	12°35	11°47	23°35	n.a.	T 28
W29	23 47 23	25°12'56	10♊ 4	16°10	7°19	4°44	1°52	21° 9	18°28	13°52	19°46	12°34	11°44	23°42	n.a.	W29
T 30	23 51 20	26♍13'24	24♊15	17♎28	8♎35	5♐28	1♓46	21♋13	18♏31	13♋53	19♏47	12°D34	11♍40	23♏49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	12n38	15n18	5s 7	10n45	0n44	12n 6	1n20	18s18	1s57	11s21	1s51	23n19	0n47	17s16	0n 6	23n21	0n11	13s 2	4n59	6n54	6n42	13s36			n.a.
T 2	12 17	17 33	5 16	10 3	0 38	11 37	1 19	18 31	1 57	11 25	1 51	23 18	0 47	17 16	0 6	23 21	0 11	13 3	4 59	6 54	6 43	13 38			n.a.
F 3	11 56	18 43	5 6	9 20	0 32	11 8	1 18	18 43	1 57	11 28	1 51	23 17	0 48	17 16	0 6	23 20	0 11	13 3	4 59	6 54	6 45	13 39			n.a.
S 4	11 35	18 44	4 38	8 37	0 25	10 39	1 17	18 56	1 57	11 31	1 51	23 16	0 48	17 17	0 6	23 20	0 11	13 3	4 59	6 55	6 46	13 41			n.a.
S 5	11 14	17 38	3 53	7 54	0 19	10 10	1 16	19 8	1 57	11 34	1 51	23 16	0 48	17 17	0 6	23 20	0 11	13 4	4 58	6 55	6 47	13 42			n.a.
M 6	10 52	15 32	2 57	7 11	0 12	9 41	1 15	19 20	1 57	11 37	1 51	23 15	0 48	17 18	0 6	23 20	0 11	13 4	4 58	6 56	6 48	13 44			n.a.
T 7	10 30	12 37	1 51	6 28	0 6	9 11	1 14	19 33	1 57	11 40	1 51	23 14	0 48	17 18	0 6	23 20	0 11	13 5	4 58	6 56	6 50	13 45			n.a.
W 8	10 8	9 6	0 41	5 44	0s 1	8 41	1 13	19 45	1 57	11 43	1 51	23 13	0 48	17 19	0 6	23 20	0 11	13 5	4 58	6 57	6 51	13 47			n.a.
T 9	9 46	5 14	0n31	5 1	0 8	8 10	1 11	19 56	1 56	11 46	1 51	23 13	0 48	17 19	0 6	23 20	0 11	13 6	4 57	6 57	6 52	13 48			n.a.
F 10	9 24	1 13	1 39	4 18	0 15	7 40	1 10	20 8	1 56	11 49	1 51	23 12	0 49	17 20	0 6	23 19	0 11	13 6	4 57	6 56	6 53	13 49			n.a.
S 11	9 1	2s47	2 41	3 35	0 22	7 9	1 9	20 20	1 56	11 52	1 51	23 11	0 49	17 20	0 6	23 19	0 11	13 7	4 57	6 56	6 55	13 51			n.a.
S 12	8 39	6 35	3 35	2 52	0 28	6 38	1 7	20 31	1 56	11 55	1 51	23 10	0 49	17 21	0 6	23 19	0 11	13 7	4 57	6 56	6 56	13 52			n.a.
M13	8 16	10 5	4 19	2 9	0 35	6 7	1 6	20 42	1 56	11 58	1 51	23 10	0 49	17 21	0 6	23 19	0 11	13 8	4 56	6 56	6 57	13 54			n.a.
T 14	7 53	13 8	4 51	1 26	0 42	5 36	1 4	20 53	1 56	12 1	1 51	23 9	0 49	17 22	0 6	23 19	0 11	13 8	4 56	6 56	6 58	13 55			n.a.
W15	7 30	15 38	5 11	0 44	0 49	5 5	1 3	21 4	1 56	12 4	1 51	23 8	0 49	17 22	0 6	23 19	0 11	13 9	4 56	6 56	7 0	13 56			n.a.
T 16	7 7	17 28	5 17	0 1	0 56	4 33	1 1	21 15	1 56	12 7	1 51	23 8	0 49	17 23	0 6	23 19	0 11	13 9	4 56	6 56	7 1	13 58			n.a.
F 17	6 43	18 34	5 10	0s41	1 2	4 1	1 0	21 25	1 55	12 9	1 51	23 7	0 50	17 23	0 6	23 18	0 11	13 10	4 55	6 56	7 2	13 59			n.a.
S 18	6 20	18 50	4 49	1 22	1 9	3 30	0 58	21 36	1 55	12 12	1 51	23 6	0 50	17 24	0 6	23 18	0 11	13 10	4 55	6 56	7 3	14 1			n.a.
S 19	5 56	18 11	4 14	2 4	1 16	2 58	0 56	21 46	1 55	12 15	1 50	23 6	0 50	17 24	0 6	23 18	0 11	13 11	4 55	6 56	7 4	14 2			n.a.
M20	5 33	16 36	3 25	2 45	1 22	2 26	0 54	21 56	1 55	12 18	1 50	23 5	0 50	17 25	0 6	23 18	0 11	13 11	4 55	6 55	7 6	14 3			n.a.
T 21	5 9	14 6	2 24	3 25	1 29	1 54	0 52	22 6	1 55	12 20	1 50	23 4	0 50	17 26	0 6	23 18	0 11	13 12	4 54	6 55	7 7	14 5			n.a.
W22	4 45	10 46	1 14	4 6	1 35	1 22	0 51	22 15	1 54	12 23	1 50	23 4	0 50	17 26	0 6	23 18	0 11	13 13	4 54	6 55	7 8	14 6			n.a.
T 23	4 21	6 45	0s 3	4 45	1 41	0 49	0 49	22 25	1 54	12 26	1 50	23 3	0 51	17 27	0 6	23 18	0 11	13 13	4 54	6 55	7 9	14 8			n.a.
F 24	3 57	2 16	1 21	5 25	1 47	0 17	0 47	22 34	1 54	12 28	1 50	23 2	0 51	17 28	0 6	23 18	0 11	13 14	4 54	6 55	7 11	14 9			n.a.
S 25	3 33	2n25	2 35	6 3	1 53	0s15	0 45	22 43	1 54	12 31	1 50	23 2	0 51	17 28	0 6	23 18	0 11	13 14	4 53	6 55	7 12	14 10			n.a.
S 26	3 9	6 59	3 40	6 41	1 58	0 47	0 43	22 52	1 53	12 33	1 50	23 1	0 51	17 29	0 6	23 18	0 11	13 15	4 53	6 56	7 13	14 12			n.a.
M27	2 44	11 8	4 30	7 18	2 4	1 20	0 41	23 0	1 53	12 36	1 50	23 1	0 51	17 30	0 6	23 17	0 11	13 15	4 53	6 56	7 14	14 13			n.a.
T 28	2 20	14 36	5 3	7 55	2 9	1 52	0 38	23 8	1 53	12 38	1 49	23 0	0 51	17 30	0 6	23 17	0 11	13 16	4 53	6 57	7 16	14 15			n.a.
W29	1 56	17 7	5 16	8 31	2 14	2 24	0 36	23 17	1 52	12 41	1 49	22 59	0 52	17 31	0 6	23 17	0 11	13 17	4 52	6 57	7 17	14 16			n.a.
T 30	1n32	18n33	5s10	9s 5	2s18	2s56	0n34	23s25	1s52	12s43	1s49	22n59	0n52	17s32	0n 6	23n17	0n11	13s17	4n52	6n57	7n18	14s17			n.a.

Julian Day Number = 1281540.5, Delta T = 08h07m40s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'53, Lahiri = -20°34'53 Julian Calendar 1 Sept. 1205 BCE == Greg. Calendar 21 Aug. 1205 BCE

The year -1204 astronomical counting style corresponds to year 1205 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1205 BCE
geocentric

OCTOBER 1205 BCE (-1204) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 55 17	27♍13'53	8♋10	18♎44	9♎50	6♐13	1°R39	21♋18	18♏33	13♋54	19♏49	12♍34	11♍37	23♏55	n.a.	F 1
S 2	23 59 13	28°14'25	21°51	19°59	11° 5	6°57	1♓33	21°22	18°36	13°55	19°50	12°35	11°34	24° 2	n.a.	S 2
S 3	0 3 10	29°14'58	5♌17	21°13	12°20	7°42	1°26	21°26	18°38	13°56	19°52	12°36	11°31	24° 9	n.a.	S 3
M 4	0 7 6	0♎15'34	18°28	22°24	13°35	8°26	1°20	21°31	18°41	13°57	19°53	12°38	11°28	24°15	n.a.	M 4
T 5	0 11 3	1°16'11	1♍26	23°34	14°51	9°11	1°14	21°35	18°44	13°57	19°55	12°39	11°25	24°22	n.a.	T 5
W 6	0 14 59	2°16'50	14°11	24°41	16° 6	9°56	1° 8	21°39	18°47	13°58	19°56	12°R39	11°21	24°29	n.a.	W 6
T 7	0 18 56	3°17'31	26°45	25°45	17°21	10°41	1° 2	21°43	18°49	13°59	19°58	12°38	11°18	24°36	n.a.	T 7
F 8	0 22 52	4°18'13	9♎ 7	26°47	18°36	11°25	0°57	21°47	18°52	14° 0	20° 0	12°37	11°15	24°42	n.a.	F 8
S 9	0 26 49	5°18'57	21°20	27°44	19°51	12°10	0°51	21°50	18°55	14° 0	20° 1	12°34	11°12	24°49	n.a.	S 9
S 10	0 30 45	6°19'43	3♏24	28°38	21° 7	12°55	0°46	21°54	18°58	14° 1	20° 3	12°30	11° 9	24°56	n.a.	S 10
M11	0 34 42	7°20'29	15°21	29°28	22°22	13°40	0°41	21°58	19° 1	14° 1	20° 5	12°25	11° 5	25° 2	n.a.	M11
T 12	0 38 39	8°21'18	27°13	0♏12	23°37	14°25	0°36	22° 1	19° 4	14° 2	20° 6	12°21	11° 2	25° 9	n.a.	T 12
W13	0 42 35	9°22'07	9♐ 4	0°51	24°52	15°10	0°31	22° 5	19° 7	14° 2	20° 8	12°17	10°59	25°16	n.a.	W13
T 14	0 46 32	10°22'58	20°56	1°24	26° 7	15°55	0°27	22° 8	19°10	14° 3	20°10	12°14	10°56	25°23	n.a.	T 14
F 15	0 50 28	11°23'50	2♑55	1°50	27°22	16°40	0°22	22°11	19°13	14° 3	20°12	12°12	10°53	25°29	n.a.	F 15
S 16	0 54 25	12°24'43	15° 5	2° 8	28°38	17°25	0°18	22°14	19°16	14° 4	20°13	12°D12	10°50	25°36	n.a.	S 16
S 17	0 58 21	13°25'37	27°30	2°R17	29°53	18°10	0°14	22°17	19°19	14° 4	20°15	12°13	10°46	25°43	n.a.	S 17
M18	1 2 18	14°26'32	10♒16	2°17	1♏ 8	18°55	0°10	22°20	19°22	14° 5	20°17	12°14	10°43	25°49	n.a.	M18
T 19	1 6 14	15°27'28	23°25	2° 7	2°23	19°40	0° 7	22°23	19°25	14° 5	20°19	12°16	10°40	25°56	n.a.	T 19
W20	1 10 11	16°28'25	7♓ 1	1°46	3°38	20°26	0° 3	22°26	19°28	14° 5	20°21	12°R17	10°37	26° 3	n.a.	W20
T 21	1 14 8	17°29'24	21° 4	1°15	4°53	21°11	0° 0	22°28	19°31	14° 5	20°23	12°17	10°34	26°10	n.a.	T 21
F 22	1 18 4	18°30'23	5♈33	0°32	6° 8	21°56	29♒57	22°31	19°35	14° 6	20°24	12°15	10°30	26°16	n.a.	F 22
S 23	1 22 1	19°31'23	20°22	29♎39	7°23	22°41	29°54	22°33	19°38	14° 6	20°26	12°11	10°27	26°23	n.a.	S 23
S 24	1 25 57	20°32'24	5♉24	28°36	8°38	23°26	29°52	22°35	19°41	14° 6	20°28	12° 6	10°24	26°30	n.a.	S 24
M25	1 29 54	21°33'26	20°30	27°25	9°53	24°12	29°49	22°38	19°44	14° 6	20°30	12° 0	10°21	26°36	n.a.	M25
T 26	1 33 50	22°34'30	5♊29	26° 7	11° 8	24°57	29°47	22°40	19°48	14° 6	20°32	11°54	10°18	26°43	n.a.	T 26
W27	1 37 47	23°35'35	20°13	24°45	12°23	25°42	29°45	22°42	19°51	14° 6	20°34	11°48	10°15	26°50	n.a.	W27
T 28	1 41 43	24°36'41	4♋37	23°23	13°38	26°28	29°43	22°44	19°54	14°R 6	20°36	11°45	10°11	26°57	n.a.	T 28
F 29	1 45 40	25°37'49	18°38	22° 1	14°53	27°13	29°41	22°45	19°58	14° 6	20°38	11°43	10° 8	27° 3	n.a.	F 29
S 30	1 49 37	26°38'58	2♌15	20°44	16° 8	27°58	29°40	22°47	20° 1	14° 6	20°40	11°D43	10° 5	27°10	n.a.	S 30
S 31	1 53 33	27♎40'07	15♌30	19♎34	17♏23	28♐44	29♒39	22♋49	20♏ 4	14♋ 6	20♏42	11♍44	10♍ 2	27♏17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n 7	18n50	4s46	9s39	2s23	3s28	0n32	23s32	1s52	12s45	1s49	22n58	0n52	17s33	0n 6	23n17	0n11	13s18	4n52	6n57	7n19	14s19		n.a.
S 2	0 43	18 0	4 5	10 12	2 27	4 0	0 30	23 40	1 52	12 47	1 49	22 58	0 52	17 33	0 6	23 17	0 11	13 18	4 52	6 57	7 20	14 20		n.a.
S 3	0 18	16 9	3 12	10 43	2 30	4 32	0 27	23 47	1 51	12 49	1 48	22 57	0 52	17 34	0 6	23 17	0 11	13 19	4 52	6 56	7 22	14 22		n.a.
M 4	0s 6	13 29	2 10	11 14	2 33	5 4	0 25	23 54	1 51	12 52	1 48	22 57	0 52	17 35	0 6	23 17	0 11	13 20	4 51	6 56	7 23	14 23		n.a.
T 5	0 31	10 11	1 2	11 42	2 36	5 36	0 23	24 1	1 50	12 54	1 48	22 56	0 53	17 36	0 6	23 17	0 11	13 20	4 51	6 55	7 24	14 24		n.a.
W 6	0 55	6 27	0n 8	12 10	2 38	6 7	0 20	24 7	1 50	12 55	1 48	22 56	0 53	17 36	0 6	23 17	0 11	13 21	4 51	6 55	7 25	14 26		n.a.
T 7	1 20	2 29	1 17	12 35	2 40	6 39	0 18	24 14	1 50	12 57	1 48	22 55	0 53	17 37	0 6	23 17	0 12	13 22	4 51	6 56	7 27	14 27		n.a.
F 8	1 44	1s31	2 21	12 59	2 41	7 10	0 16	24 20	1 49	12 59	1 47	22 55	0 53	17 38	0 6	23 17	0 12	13 22	4 51	6 56	7 28	14 28		n.a.
S 9	2 9	5 25	3 17	13 21	2 41	7 41	0 13	24 25	1 49	13 1	1 47	22 54	0 53	17 39	0 6	23 17	0 12	13 23	4 50	6 57	7 29	14 30		n.a.
S 10	2 33	9 2	4 4	13 40	2 41	8 12	0 11	24 31	1 48	13 3	1 47	22 54	0 53	17 39	0 6	23 17	0 12	13 23	4 50	6 59	7 30	14 31		n.a.
M11	2 58	12 15	4 39	13 57	2 40	8 43	0 8	24 36	1 48	13 4	1 47	22 54	0 54	17 40	0 6	23 17	0 12	13 24	4 50	7 1	7 32	14 33		n.a.
T 12	3 22	14 57	5 3	14 11	2 37	9 14	0 6	24 41	1 48	13 6	1 46	22 53	0 54	17 41	0 6	23 16	0 12	13 25	4 50	7 2	7 33	14 34		n.a.
W13	3 46	17 1	5 13	14 22	2 34	9 44	0 3	24 46	1 47	13 7	1 46	22 53	0 54	17 42	0 6	23 16	0 12	13 25	4 50	7 4	7 34	14 35		n.a.
T 14	4 11	18 22	5 10	14 29	2 30	10 14	0 1	24 51	1 47	13 9	1 46	22 52	0 54	17 43	0 6	23 16	0 12	13 26	4 49	7 5	7 35	14 37		n.a.
F 15	4 35	18 55	4 53	14 33	2 24	10 44	0s 2	24 55	1 46	13 10	1 46	22 52	0 54	17 44	0 6	23 16	0 12	13 27	4 49	7 6	7 36	14 38		n.a.
S 16	4 59	18 36	4 23	14 33	2 17	11 14	0 4	24 59	1 46	13 11	1 45	22 52	0 55	17 45	0 5	23 16	0 12	13 27	4 49	7 6	7 38	14 39		n.a.
S 17	5 23	17 24	3 41	14 29	2 9	11 43	0 7	25 3	1 45	13 12	1 45	22 51	0 55	17 45	0 5	23 16	0 12	13 28	4 49	7 6	7 39	14 41		n.a.
M18	5 47	15 18	2 46	14 19	1 59	12 12	0 9	25 6	1 45	13 14	1 45	22 51	0 55	17 46	0 5	23 16	0 12	13 29	4 49	7 5	7 40	14 42		n.a.
T 19	6 11	12 21	1 41	14 5	1 48	12 41	0 12	25 10	1 44	13 15	1 45	22 51	0 55	17 47	0 5	23 16	0 12	13 29	4 48	7 4	7 41	14 43		n.a.
W20	6 35	8 38	0 29	13 46	1 35	13 9	0 14	25 13	1 44	13 16	1 44	22 51	0 55	17 48	0 5	23 16	0 12	13 30	4 48	7 4	7 43	14 45		n.a.
T 21	6 59	4 19	0s48	13 21	1 20	13 37	0 17	25 15	1 43	13 16	1 44	22 50	0 55	17 49	0 5	23 16	0 12	13 31	4 48	7 4	7 44	14 46		n.a.
F 22	7 22	0n22	2 3	12 50	1 3	14 5	0 19	25 18	1 43	13 17	1 44	22 50	0 56	17 50	0 5	23 16	0 12	13 31	4 48	7 5	7 45	14 47		n.a.
S 23	7 46	5 7	3 12	12 14	0 46	14 33	0 22	25 20	1 42	13 18	1 43	22 50	0 56	17 51	0 5	23 16	0 12	13 32	4 48	7 6	7 46	14 49		n.a.
S 24	8 9	9 38	4 9	11 34	0 26	15 0	0 24	25 22	1 42	13 19	1 43	22 50	0 56	17 52	0 5	23 16	0 12	13 33	4 47	7 8	7 47	14 50		n.a.
M25	8 32	13 32	4 48	10 49	0 6	15 26	0 27	25 23	1 41	13 19	1 43	22 49	0 56	17 53	0 5	23 16	0 12	13 33	4 47	7 11	7 49	14 51		n.a.
T 26	8 55	16 31	5 8	10 2	0n14	15 53	0 29	25 25	1 41	13 20	1 42	22 49	0 56	17 53	0 5	23 16	0 12	13 34	4 47	7 13	7 50	14 53		n.a.
W27	9 18	18 23	5 6	9 12	0 35	16 19	0 32	25 26	1 40	13 20	1 42	22 49	0 57	17 54	0 5	23 16	0 12	13 35	4 47	7 15	7 51	14 54		n.a.
T 28	9 41	19 0	4 46	8 23	0 55	16 44	0 34	25 27	1 40	13 21	1 42	22 49	0 57	17 55	0 5	23 16	0 12	13 35	4 47	7 16	7 52	14 55		n.a.
F 29	10 4	18 25	4 8	7 34	1 14	17 9	0 36	25 27	1 39	13 21	1 42	22 49	0 57	17 56	0 5	23 16	0 12	13 36	4 47	7 17	7 54	14 57		n.a.
S 30	10 27	16 47	3 17	6 49	1 32	17 34	0 39	25 28	1 38	13 21	1 41	22 49	0 57	17 57	0 5	23 16	0 12	13 37	4 46	7 17	7 55	14 58		n.a.
S 31	10s49	14n16	2s17	6s 7	1n48	17s58	0s41	25s28	1s38	13s21	1s41	22n49	0n57	17s58	0n 5	23n16	0n12	13s37	4n46	7n17	7n56	14s59		n.a.

Julian Day Number = 1281570.5, Delta T = 08h07m38s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'49, Lahiri = -20°34'49 Julian Calendar 1 Oct. 1205 BCE == Greg. Calendar 20 Sept. 1205 BCE

The year -1204 astronomical counting style corresponds to year 1205 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1205 BCE
geocentric

NOVEMBER 1205 BCE (-1204) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 57 30	28♎41'18	28♌26	18°R32	18♏38	29♐29	29°R38	22♋50	20♏ 8	14°R 6	20♏44	11♍45	9♍59	27♏24	n.a.	M 1
T 2	2 1 26	29°42'30	11♍ 6	17♎41	19°53	0♑14	29♒37	22°51	20°11	14♋ 6	20°46	11°R46	9°56	27°30	n.a.	T 2
W 3	2 5 23	0♏43'43	23°33	17° 0	21° 8	1° 0	29°36	22°53	20°15	14° 5	20°48	11°45	9°52	27°37	n.a.	W 3
T 4	2 9 19	1°44'56	5♎49	16°30	22°23	1°45	29°36	22°54	20°18	14° 5	20°50	11°42	9°49	27°44	n.a.	T 4
F 5	2 13 16	2°46'11	17°58	16°12	23°38	2°30	29°D36	22°55	20°22	14° 5	20°52	11°36	9°46	27°50	n.a.	F 5
S 6	2 17 12	3°47'26	0♏ 1	16°D 4	24°53	3°16	29°36	22°56	20°25	14° 5	20°54	11°28	9°43	27°57	n.a.	S 6
S 7	2 21 9	4°48'41	11°58	16° 7	26° 8	4° 1	29°36	22°57	20°29	14° 4	20°57	11°18	9°40	28° 4	n.a.	S 7
M 8	2 25 6	5°49'57	23°52	16°19	27°23	4°47	29°37	22°57	20°32	14° 4	20°59	11° 7	9°36	28°11	n.a.	M 8
T 9	2 29 2	6°51'14	5♐43	16°40	28°38	5°32	29°37	22°58	20°36	14° 3	21° 1	10°56	9°33	28°17	n.a.	T 9
W10	2 32 59	7°52'31	17°35	17° 8	29°53	6°17	29°38	22°58	20°39	14° 3	21° 3	10°45	9°30	28°24	n.a.	W10
T 11	2 36 55	8°53'49	29°28	17°44	1♐ 7	7° 3	29°39	22°59	20°43	14° 3	21° 5	10°36	9°27	28°31	n.a.	T 11
F 12	2 40 52	9°55'06	11♑26	18°26	2°22	7°48	29°41	22°59	20°46	14° 2	21° 7	10°29	9°24	28°37	n.a.	F 12
S 13	2 44 48	10°56'24	23°33	19°14	3°37	8°34	29°42	22°59	20°50	14° 2	21° 9	10°25	9°21	28°44	n.a.	S 13
S 14	2 48 45	11°57'41	5♒53	20° 6	4°52	9°19	29°44	22°R59	20°53	14° 1	21°11	10°23	9°17	28°51	n.a.	S 14
M15	2 52 42	12°58'59	18°31	21° 3	6° 7	10° 4	29°46	22°59	20°57	14° 0	21°14	10°D23	9°14	28°58	n.a.	M15
T 16	2 56 38	14° 0'16	1♓31	22° 4	7°21	10°50	29°48	22°59	21° 1	14° 0	21°16	10°24	9°11	29° 4	n.a.	T 16
W17	3 0 35	15° 1'33	14°59	23° 8	8°36	11°35	29°50	22°58	21° 4	13°59	21°18	10°R24	9° 8	29°11	n.a.	W17
T 18	3 4 31	16° 2'51	28°55	24°15	9°51	12°21	29°53	22°58	21° 8	13°58	21°20	10°23	9° 5	29°18	n.a.	T 18
F 19	3 8 28	17° 4'08	13♈21	25°25	11° 6	13° 6	29°55	22°57	21°11	13°58	21°22	10°19	9° 2	29°25	n.a.	F 19
S 20	3 12 24	18° 5'24	28°14	26°37	12°20	13°51	29°58	22°57	21°15	13°57	21°24	10°12	8°58	29°31	n.a.	S 20
S 21	3 16 21	19° 6'41	13♉26	27°51	13°35	14°37	0♓ 2	22°56	21°19	13°56	21°27	10° 3	8°55	29°38	n.a.	S 21
M22	3 20 17	20° 7'58	28°48	29° 7	14°50	15°22	0° 5	22°55	21°22	13°55	21°29	9°53	8°52	29°45	n.a.	M22
T 23	3 24 14	21° 9'15	14♊ 6	0♏25	16° 4	16° 7	0° 8	22°54	21°26	13°54	21°31	9°42	8°49	29°51	n.a.	T 23
W24	3 28 11	22°10'32	29°12	1°44	17°19	16°53	0°12	22°53	21°29	13°54	21°33	9°32	8°46	29°58	n.a.	W24
T 25	3 32 7	23°11'49	13♋54	3° 4	18°33	17°38	0°16	22°52	21°33	13°53	21°35	9°24	8°42	0♐ 5	n.a.	T 25
F 26	3 36 4	24°13'06	28° 9	4°25	19°48	18°23	0°20	22°51	21°37	13°52	21°37	9°19	8°39	0°12	n.a.	F 26
S 27	3 40 0	25°14'23	11♌54	5°48	21° 2	19° 8	0°24	22°49	21°40	13°51	21°40	9°17	8°36	0°18	n.a.	S 27
S 28	3 43 57	26°15'40	25°12	7°11	22°17	19°54	0°29	22°48	21°44	13°50	21°42	9°D16	8°33	0°25	n.a.	S 28
M29	3 47 53	27°16'57	8♍ 5	8°36	23°31	20°39	0°33	22°46	21°48	13°49	21°44	9°R16	8°30	0°32	n.a.	M29
T 30	3 51 50	28♏18'14	20♍38	10♏ 1	24♐46	21♑24	0♓38	22♋44	21♏51	13♋48	21♏46	9♍16	8♍27	0♐38	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s11	11n 6	1s11	5s30	2n 2	18s21	0s44	25s27	1s37	13s21	1s41	22n49	0n58	17s59	0n 5	23n16	0n12	13s38	4n46	7n16	7n57	15s 1		n.a.
T 2	11 33	7 28	0 4	4 59	2 14	18 44	0 46	25 27	1 37	13 21	1 40	22 49	0 58	18 0	0 5	23 16	0 12	13 39	4 46	7 16	7 58	15 2		n.a.
W 3	11 55	3 34	1n 3	4 34	2 24	19 7	0 48	25 26	1 36	13 21	1 40	22 49	0 58	18 1	0 5	23 17	0 12	13 39	4 46	7 16	8 0	15 3		n.a.
T 4	12 17	0s26	2 6	4 15	2 32	19 29	0 51	25 25	1 36	13 21	1 40	22 49	0 58	18 2	0 5	23 17	0 12	13 40	4 46	7 17	8 1	15 5		n.a.
F 5	12 38	4 22	3 2	4 3	2 38	19 51	0 53	25 24	1 35	13 21	1 39	22 49	0 58	18 3	0 5	23 17	0 12	13 41	4 46	7 20	8 2	15 6		n.a.
S 6	12 59	8 5	3 49	3 56	2 42	20 12	0 55	25 22	1 34	13 21	1 39	22 49	0 59	18 4	0 5	23 17	0 12	13 42	4 45	7 23	8 3	15 7		n.a.
S 7	13 20	11 28	4 26	3 55	2 45	20 32	0 57	25 20	1 34	13 20	1 39	22 49	0 59	18 5	0 5	23 17	0 12	13 42	4 45	7 27	8 4	15 9		n.a.
M 8	13 41	14 21	4 51	3 59	2 46	20 52	1 0	25 18	1 33	13 20	1 38	22 49	0 59	18 6	0 5	23 17	0 12	13 43	4 45	7 31	8 6	15 10		n.a.
T 9	14 2	16 39	5 3	4 7	2 45	21 11	1 2	25 15	1 32	13 19	1 38	22 49	0 59	18 7	0 5	23 17	0 12	13 44	4 45	7 35	8 7	15 11		n.a.
W10	14 22	18 14	5 2	4 20	2 44	21 30	1 4	25 13	1 32	13 18	1 38	22 49	0 59	18 8	0 5	23 17	0 12	13 44	4 45	7 39	8 8	15 13		n.a.
T 11	14 42	19 2	4 48	4 36	2 41	21 48	1 6	25 10	1 31	13 18	1 37	22 49	1 0	18 9	0 5	23 17	0 12	13 45	4 45	7 43	8 9	15 14		n.a.
F 12	15 2	18 59	4 22	4 55	2 38	22 5	1 8	25 6	1 31	13 17	1 37	22 49	1 0	18 10	0 5	23 17	0 12	13 46	4 45	7 45	8 11	15 15		n.a.
S 13	15 21	18 5	3 43	5 17	2 33	22 22	1 10	25 3	1 30	13 16	1 37	22 50	1 0	18 11	0 5	23 17	0 12	13 46	4 45	7 47	8 12	15 16		n.a.
S 14	15 41	16 19	2 53	5 42	2 29	22 38	1 12	24 59	1 29	13 15	1 36	22 50	1 0	18 11	0 5	23 17	0 12	13 47	4 44	7 48	8 13	15 18		n.a.
M15	16 0	13 43	1 54	6 8	2 23	22 54	1 14	24 55	1 29	13 14	1 36	22 50	1 0	18 12	0 5	23 17	0 12	13 48	4 44	7 48	8 14	15 19		n.a.
T 16	16 18	10 23	0 47	6 37	2 17	23 9	1 16	24 51	1 28	13 13	1 36	22 50	1 1	18 13	0 5	23 17	0 12	13 48	4 44	7 48	8 15	15 20		n.a.
W17	16 37	6 23	0s24	7 7	2 11	23 23	1 18	24 46	1 27	13 12	1 35	22 50	1 1	18 14	0 5	23 17	0 12	13 49	4 44	7 47	8 17	15 22		n.a.
T 18	16 55	1 55	1 37	7 38	2 5	23 36	1 19	24 41	1 27	13 11	1 35	22 51	1 1	18 15	0 5	23 18	0 12	13 50	4 44	7 48	8 18	15 23		n.a.
F 19	17 13	2n49	2 46	8 10	1 58	23 49	1 21	24 36	1 26	13 10	1 35	22 51	1 1	18 16	0 5	23 18	0 12	13 50	4 44	7 50	8 19	15 24		n.a.
S 20	17 30	7 31	3 45	8 43	1 51	24 1	1 23	24 31	1 25	13 8	1 34	22 51	1 1	18 17	0 5	23 18	0 12	13 51	4 44	7 52	8 20	15 25		n.a.
S 21	17 47	11 50	4 30	9 16	1 44	24 12	1 24	24 25	1 25	13 7	1 34	22 52	1 2	18 18	0 5	23 18	0 12	13 52	4 44	7 55	8 21	15 27		n.a.
M22	18 4	15 24	4 56	9 51	1 36	24 23	1 26	24 19	1 24	13 5	1 34	22 52	1 2	18 19	0 5	23 18	0 12	13 52	4 43	8 0	8 23	15 28		n.a.
T 23	18 21	17 54	5 1	10 25	1 29	24 33	1 27	24 13	1 23	13 4	1 34	22 52	1 2	18 20	0 5	23 18	0 12	13 53	4 43	8 4	8 24	15 29		n.a.
W24	18 37	19 6	4 44	11 0	1 21	24 42	1 29	24 7	1 22	13 2	1 33	22 53	1 2	18 21	0 5	23 18	0 12	13 54	4 43	8 7	8 25	15 31		n.a.
T 25	18 53	18 58	4 9	11 35	1 14	24 50	1 30	24 0	1 22	13 0	1 33	22 53	1 2	18 22	0 5	23 18	0 12	13 54	4 43	8 10	8 26	15 32		n.a.
F 26	19 8	17 37	3 20	12 10	1 6	24 58	1 32	23 53	1 21	12 59	1 33	22 53	1 2	18 23	0 5	23 18	0 12	13 55	4 43	8 12	8 28	15 33		n.a.
S 27	19 23	15 16	2 20	12 45	0 58	25 4	1 33	23 46	1 20	12 57	1 32	22 54	1 3	18 24	0 5	23 19	0 12	13 56	4 43	8 13	8 29	15 34		n.a.
S 28	19 38	12 11	1 14	13 21	0 51	25 10	1 34	23 39	1 20	12 55	1 32	22 54	1 3	18 25	0 5	23 19	0 13	13 56	4 43	8 13	8 30	15 36		n.a.
M29	19 53	8 35	0 6	13 55	0 43	25 16	1 35	23 31	1 19	12 53	1 32	22 55	1 3	18 26	0 5	23 19	0 13	13 57	4 43	8 13	8 31	15 37		n.a.
T 30	20s 7	4n41	1n 0	14s30	0n35	25s20	1s36	23s23	1s18	12s51	1s31	22n55	1n 3	18s27	0n 5	23n19	0n13	13s57	4n43	8n14	8n32	15s38		n.a.

Julian Day Number = 1281601.5, Delta T = 08h07m37s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'45, Lahiri = -20°34'45 Julian Calendar 1 Nov. 1205 BCE == Greg. Calendar 21 Oct. 1205 BCE

The year -1204 astronomical counting style corresponds to year 1205 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1205 BCE
geocentric

DECEMBER 1205 BCE (-1204) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 55 47	29♏19'30	2♎56	11♏27	26♐ 0	22♑ 9	0♓43	22°R43	21♏55	13°R47	21♏48	9°R14	8♍23	0♐45	n.a.	W 1
T 2	3 59 43	0♐20'47	15° 3	12°54	27°15	22°54	0°48	22♋41	21°58	13♋46	21°50	9♍ 9	8°20	0°52	n.a.	T 2
F 3	4 3 40	1°22'03	27° 2	14°21	28°29	23°39	0°54	22°39	22° 2	13°44	21°52	9° 1	8°17	0°59	n.a.	F 3
S 4	4 7 36	2°23'19	8♏57	15°49	29°43	24°25	0°59	22°36	22° 5	13°43	21°55	8°50	8°14	1° 5	n.a.	S 4
S 5	4 11 33	3°24'34	20°49	17°18	0♑58	25°10	1° 5	22°34	22° 9	13°42	21°57	8°37	8°11	1°12	n.a.	S 5
M 6	4 15 29	4°25'49	2♐41	18°47	2°12	25°55	1°11	22°32	22°13	13°41	21°59	8°22	8° 7	1°19	n.a.	M 6
T 7	4 19 26	5°27'03	14°34	20°17	3°26	26°40	1°17	22°29	22°16	13°40	22° 1	8° 6	8° 4	1°26	n.a.	T 7
W 8	4 23 22	6°28'17	26°28	21°47	4°41	27°25	1°23	22°27	22°20	13°38	22° 3	7°52	8° 1	1°32	n.a.	W 8
T 9	4 27 19	7°29'30	8♑26	23°18	5°55	28°10	1°30	22°24	22°23	13°37	22° 5	7°39	7°58	1°39	n.a.	T 9
F 10	4 31 16	8°30'42	20°29	24°49	7° 9	28°55	1°36	22°22	22°27	13°36	22° 7	7°29	7°55	1°46	n.a.	F 10
S 11	4 35 12	9°31'53	2♒39	26°21	8°23	29°40	1°43	22°19	22°30	13°35	22° 9	7°22	7°52	1°52	n.a.	S 11
S 12	4 39 9	10°33'03	15° 0	27°54	9°37	0♒25	1°50	22°16	22°34	13°33	22°11	7°19	7°48	1°59	n.a.	S 12
M13	4 43 5	11°34'11	27°36	29°27	10°51	1°10	1°57	22°13	22°37	13°32	22°14	7°17	7°45	2° 6	n.a.	M13
T 14	4 47 2	12°35'19	10♓31	1♐ 0	12° 6	1°55	2° 4	22°10	22°41	13°31	22°16	7°17	7°42	2°13	n.a.	T 14
W15	4 50 58	13°36'25	23°49	2°35	13°20	2°40	2°12	22° 7	22°44	13°29	22°18	7°17	7°39	2°19	n.a.	W15
T 16	4 54 55	14°37'30	7♈33	4° 9	14°33	3°24	2°19	22° 3	22°48	13°28	22°20	7°15	7°36	2°26	n.a.	T 16
F 17	4 58 51	15°38'34	21°46	5°45	15°47	4° 9	2°27	22° 0	22°51	13°26	22°22	7°12	7°33	2°33	n.a.	F 17
S 18	5 2 48	16°39'36	6♉25	7°21	17° 1	4°54	2°35	21°57	22°54	13°25	22°24	7° 5	7°29	2°40	n.a.	S 18
S 19	5 6 45	17°40'37	21°27	8°57	18°15	5°39	2°43	21°53	22°58	13°23	22°26	6°56	7°26	2°46	n.a.	S 19
M20	5 10 41	18°41'37	6♊44	10°35	19°29	6°23	2°51	21°50	23° 1	13°22	22°28	6°45	7°23	2°53	n.a.	M20
T 21	5 14 38	19°42'36	22° 4	12°13	20°43	7° 8	2°59	21°46	23° 4	13°20	22°30	6°34	7°20	3° 0	n.a.	T 21
W22	5 18 34	20°43'33	7♋15	13°51	21°56	7°53	3° 8	21°42	23° 8	13°19	22°32	6°23	7°17	3° 6	n.a.	W22
T 23	5 22 31	21°44'30	22° 8	15°30	23°10	8°37	3°16	21°39	23°11	13°17	22°34	6°15	7°13	3°13	n.a.	T 23
F 24	5 26 27	22°45'25	6♌35	17°10	24°24	9°22	3°25	21°35	23°14	13°16	22°36	6° 9	7°10	3°20	n.a.	F 24
S 25	5 30 24	23°46'19	20°32	18°51	25°37	10° 7	3°34	21°31	23°18	13°14	22°37	6° 6	7° 7	3°27	n.a.	S 25
S 26	5 34 21	24°47'12	3♍59	20°32	26°51	10°51	3°43	21°27	23°21	13°13	22°39	6°D 5	7° 4	3°33	n.a.	S 26
M27	5 38 17	25°48'04	16°59	22°15	28° 4	11°35	3°52	21°23	23°24	13°11	22°41	6° 5	7° 1	3°40	n.a.	M27
T 28	5 42 14	26°48'55	29°36	23°57	29°18	12°20	4° 1	21°19	23°27	13°10	22°43	6°R 5	6°58	3°47	n.a.	T 28
W29	5 46 10	27°49'45	11♎54	25°41	0♒31	13° 4	4°11	21°15	23°30	13° 8	22°45	6° 4	6°54	3°54	n.a.	W29
T 30	5 50 7	28°50'33	23°58	27°25	1°44	13°49	4°20	21°10	23°33	13° 6	22°47	6° 1	6°51	4° 0	n.a.	T 30
F 31	5 54 3	29♐51'21	5♏54	29♐11	2♒57	14♒33	4♓30	21♋ 6	23♏36	13♋ 5	22♏49	5♍55	6♍48	4♐ 7	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20s20	0n40	2n 2	15s 4	0n28	25s24	1s37	23s15	1s18	12s49	1s31	22n56	1n 3	18s28	0n 5	23n19	0n13	13s58	4n43	8n14	8n34	15s39			n.a.
T 2	20 34	3s18	2 57	15 38	0 20	25 27	1 38	23 7	1 17	12 47	1 31	22 56	1 4	18 29	0 5	23 19	0 13	13 59	4 43	8 16	8 35	15 41			n.a.
F 3	20 46	7 7	3 44	16 12	0 13	25 29	1 39	22 58	1 16	12 44	1 30	22 57	1 4	18 30	0 5	23 19	0 13	13 59	4 43	8 19	8 36	15 42			n.a.
S 4	20 59	10 37	4 20	16 45	0 6	25 30	1 40	22 50	1 15	12 42	1 30	22 57	1 4	18 31	0 5	23 19	0 13	14 0	4 42	8 23	8 37	15 43			n.a.
S 5	21 11	13 40	4 45	17 18	0s 1	25 31	1 41	22 41	1 15	12 40	1 30	22 58	1 4	18 32	0 5	23 20	0 13	14 1	4 42	8 28	8 38	15 44			n.a.
M 6	21 23	16 11	4 58	17 50	0 8	25 31	1 42	22 31	1 14	12 37	1 29	22 59	1 4	18 33	0 5	23 20	0 13	14 1	4 42	8 34	8 40	15 46			n.a.
T 7	21 34	18 0	4 57	18 21	0 15	25 29	1 42	22 22	1 13	12 35	1 29	22 59	1 5	18 34	0 5	23 20	0 13	14 2	4 42	8 40	8 41	15 47			n.a.
W 8	21 45	19 3	4 44	18 52	0 22	25 28	1 43	22 12	1 12	12 32	1 29	23 0	1 5	18 34	0 5	23 20	0 13	14 2	4 42	8 46	8 42	15 48			n.a.
T 9	21 55	19 16	4 18	19 22	0 29	25 25	1 43	22 2	1 12	12 30	1 29	23 0	1 5	18 35	0 5	23 20	0 13	14 3	4 42	8 50	8 43	15 49			n.a.
F 10	22 5	18 37	3 40	19 52	0 36	25 22	1 44	21 52	1 11	12 27	1 28	23 1	1 5	18 36	0 5	23 20	0 13	14 4	4 42	8 54	8 44	15 51			n.a.
S 11	22 15	17 6	2 52	20 20	0 42	25 18	1 44	21 42	1 10	12 24	1 28	23 2	1 5	18 37	0 5	23 20	0 13	14 4	4 42	8 57	8 46	15 52			n.a.
S 12	22 24	14 46	1 55	20 48	0 48	25 13	1 44	21 32	1 10	12 22	1 28	23 2	1 6	18 38	0 5	23 21	0 13	14 5	4 42	8 58	8 47	15 53			n.a.
M13	22 33	11 42	0 51	21 15	0 54	25 7	1 44	21 21	1 9	12 19	1 27	23 3	1 6	18 39	0 5	23 21	0 13	14 5	4 42	8 59	8 48	15 54			n.a.
T 14	22 41	8 0	0s17	21 41	1 0	25 0	1 44	21 10	1 8	12 16	1 27	23 4	1 6	18 40	0 5	23 21	0 13	14 6	4 42	8 59	8 49	15 56			n.a.
W15	22 49	3 49	1 26	22 6	1 6	24 53	1 44	20 59	1 7	12 13	1 27	23 4	1 6	18 41	0 5	23 21	0 13	14 6	4 42	8 59	8 50	15 57			n.a.
T 16	22 56	0n43	2 33	22 29	1 11	24 45	1 44	20 48	1 7	12 10	1 27	23 5	1 6	18 42	0 5	23 21	0 13	14 7	4 42	8 59	8 52	15 58			n.a.
F 17	23 3	5 21	3 32	22 52	1 16	24 36	1 44	20 36	1 6	12 7	1 26	23 6	1 6	18 43	0 5	23 21	0 13	14 8	4 42	9 1	8 53	15 59			n.a.
S 18	23 9	9 48	4 19	23 14	1 21	24 27	1 44	20 24	1 5	12 4	1 26	23 6	1 7	18 44	0 5	23 22	0 13	14 8	4 42	9 3	8 54	16 1			n.a.
S 19	23 15	13 46	4 50	23 34	1 26	24 17	1 44	20 13	1 4	12 0	1 26	23 7	1 7	18 44	0 5	23 22	0 13	14 9	4 42	9 7	8 55	16 2			n.a.
M20	23 21	16 51	5 1	23 54	1 31	24 6	1 43	20 0	1 4	11 57	1 26	23 8	1 7	18 45	0 5	23 22	0 13	14 9	4 42	9 11	8 56	16 3			n.a.
T 21	23 26	18 46	4 50	24 12	1 35	23 54	1 43	19 48	1 3	11 54	1 25	23 9	1 7	18 46	0 5	23 22	0 13	14 10	4 42	9 15	8 58	16 4			n.a.
W22	23 30	19 20	4 19	24 28	1 39	23 42	1 42	19 36	1 2	11 50	1 25	23 10	1 7	18 47	0 5	23 22	0 13	14 10	4 42	9 19	8 59	16 5			n.a.
T 23	23 34	18 31	3 30	24 44	1 42	23 29	1 42	19 23	1 1	11 47	1 25	23 10	1 7	18 48	0 5	23 22	0 13	14 11	4 42	9 22	9 0	16 7			n.a.
F 24	23 38	16 31	2 30	24 58	1 46	23 15	1 41	19 11	1 1	11 44	1 24	23 11	1 8	18 49	0 5	23 23	0 13	14 11	4 41	9 24	9 1	16 8			n.a.
S 25	23 41	13 36	1 21	25 10	1 49	23 0	1 40	18 58	1 0	11 40	1 24	23 12	1 8	18 50	0 5	23 23	0 13	14 12	4 41	9 25	9 2	16 9			n.a.
S 26	23 44	10 2	0 11	25 21	1 52	22 45	1 39	18 45	0 59	11 37	1 24	23 13	1 8	18 50	0 5	23 23	0 13	14 12	4 41	9 26	9 4	16 10			n.a.
M27	23 46	6 6	0n58	25 30	1 54	22 30	1 38	18 31	0 58	11 33	1 24	23 13	1 8	18 51	0 5	23 23	0 13	14 13	4 41	9 26	9 5	16 11			n.a.
T 28	23 48	2 1	2 2	25 37	1 56	22 13	1 37	18 18	0 58	11 29	1 23	23 14	1 8	18 52	0 5	23 23	0 13	14 13	4 41	9 26	9 6	16 13			n.a.
W29	23 49	2s 3	2 58	25 43	1 58	21 56	1 36	18 5	0 57	11 26	1 23	23 15	1 8	18 53	0 5	23 23	0 13	14 14	4 41	9 26	9 7	16 14			n.a.
T 30	23 50	5 58	3 46	25 47	1 59	21 39	1 35	17 51	0 56	11 22	1 23	23 16	1 9	18 54	0 5	23 24	0 13	14 14	4 41	9 27	9 8	16 15			n.a.
F 31	23s50	9s35	4n23	25s50	2s 0	21s20	1s34	17s37	0s55	11s18	1s23	23n17	1n 9	18s54	0n 5	23n24	0n13	14s15	4n41	9n29	9n10	16s16			n.a.

Julian Day Number = 1281631.5, Delta T = 08h07m35s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'41, Lahiri = -20°34'40 Julian Calendar 1 Dec. 1205 BCE == Greg. Calendar 20 Nov. 1205 BCE

The year -1204 astronomical counting style corresponds to year 1205 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1204 BCE
geocentric

JANUARY 1204 BCE (-1203) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 58 0	0♉52'07	17♏46	0♉57	4♒11	15♒17	4♓39	21°R 2	23♏40	13°R 3	22♏50	5°R47	6♍45	4♐14	n.a.	S 1
S 2	6 1 56	1°52'52	29°36	2°43	5°24	16° 2	4°49	20♋57	23°43	13♋ 1	22°52	5♍36	6°42	4°20	n.a.	S 2
M 3	6 5 53	2°53'35	11♐29	4°31	6°37	16°46	4°59	20°53	23°46	13° 0	22°54	5°24	6°39	4°27	n.a.	M 3
T 4	6 9 50	3°54'17	23°24	6°19	7°50	17°30	5° 9	20°49	23°49	12°58	22°56	5°11	6°35	4°34	n.a.	T 4
W 5	6 13 46	4°54'57	5♉25	8° 8	9° 3	18°14	5°20	20°44	23°52	12°57	22°57	4°59	6°32	4°41	n.a.	W 5
T 6	6 17 43	5°55'36	17°31	9°57	10°16	18°58	5°30	20°40	23°54	12°55	22°59	4°49	6°29	4°47	n.a.	T 6
F 7	6 21 39	6°56'13	29°45	11°47	11°29	19°43	5°40	20°35	23°57	12°53	23° 1	4°41	6°26	4°54	n.a.	F 7
S 8	6 25 36	7°56'48	12♒ 7	13°38	12°41	20°27	5°51	20°30	24° 0	12°52	23° 3	4°36	6°23	5° 1	n.a.	S 8
S 9	6 29 32	8°57'21	24°39	15°29	13°54	21°11	6° 2	20°26	24° 3	12°50	23° 4	4°33	6°19	5° 7	n.a.	S 9
M10	6 33 29	9°57'52	7♓24	17°20	15° 7	21°55	6°12	20°21	24° 6	12°48	23° 6	4°D33	6°16	5°14	n.a.	M10
T 11	6 37 25	10°58'21	20°23	19°12	16°19	22°39	6°23	20°16	24° 9	12°47	23° 7	4°33	6°13	5°21	n.a.	T 11
W12	6 41 22	11°58'48	3♈41	21° 4	17°32	23°22	6°34	20°12	24°11	12°45	23° 9	4°34	6°10	5°28	n.a.	W12
T 13	6 45 19	12°59'13	17°19	22°55	18°44	24° 6	6°45	20° 7	24°14	12°43	23°11	4°R35	6° 7	5°34	n.a.	T 13
F 14	6 49 15	13°59'36	1♉19	24°46	19°56	24°50	6°56	20° 2	24°17	12°41	23°12	4°33	6° 4	5°41	n.a.	F 14
S 15	6 53 12	14°59'57	15°40	26°36	21° 8	25°34	7° 8	19°57	24°19	12°40	23°14	4°30	6° 0	5°48	n.a.	S 15
S 16	6 57 8	16° 0'15	0♊21	28°25	22°21	26°18	7°19	19°53	24°22	12°38	23°15	4°24	5°57	5°55	n.a.	S 16
M17	7 1 5	17° 0'32	15°16	0♒13	23°33	27° 1	7°31	19°48	24°24	12°36	23°17	4°17	5°54	6° 1	n.a.	M17
T 18	7 5 1	18° 0'46	0♋17	1°59	24°45	27°45	7°42	19°43	24°27	12°35	23°18	4°10	5°51	6° 8	n.a.	T 18
W19	7 8 58	19° 0'59	15°15	3°43	25°56	28°29	7°54	19°38	24°29	12°33	23°19	4° 3	5°48	6°15	n.a.	W19
T 20	7 12 54	20° 1'09	0♌ 1	5°24	27° 8	29°12	8° 5	19°33	24°32	12°31	23°21	3°57	5°45	6°21	n.a.	T 20
F 21	7 16 51	21° 1'18	14°26	7° 2	28°20	29°56	8°17	19°29	24°34	12°30	23°22	3°54	5°41	6°28	n.a.	F 21
S 22	7 20 48	22° 1'24	28°27	8°37	29°32	0♓39	8°29	19°24	24°37	12°28	23°23	3°D52	5°38	6°35	n.a.	S 22
S 23	7 24 44	23° 1'29	12♍ 0	10° 7	0♓43	1°23	8°41	19°19	24°39	12°27	23°25	3°52	5°35	6°42	n.a.	S 23
M24	7 28 41	24° 1'32	25° 7	11°32	1°54	2° 6	8°53	19°14	24°41	12°25	23°26	3°53	5°32	6°48	n.a.	M24
T 25	7 32 37	25° 1'33	7♎50	12°51	3° 6	2°49	9° 5	19°10	24°43	12°23	23°27	3°55	5°29	6°55	n.a.	T 25
W26	7 36 34	26° 1'32	20°14	14° 5	4°17	3°33	9°17	19° 5	24°46	12°22	23°29	3°56	5°25	7° 2	n.a.	W26
T 27	7 40 30	27° 1'30	2♏22	15°12	5°28	4°16	9°30	19° 0	24°48	12°20	23°30	3°R56	5°22	7° 9	n.a.	T 27
F 28	7 44 27	28° 1'25	14°20	16°11	6°39	4°59	9°42	18°55	24°50	12°18	23°31	3°55	5°19	7°15	n.a.	F 28
S 29	7 48 23	29° 1'19	26°12	17° 4	7°50	5°42	9°55	18°51	24°52	12°17	23°32	3°52	5°16	7°22	n.a.	S 29
S 30	7 52 20	0♒ 1'11	8♐ 3	17°48	9° 1	6°26	10° 7	18°46	24°54	12°15	23°33	3°47	5°13	7°29	n.a.	S 30
M31	7 56 17	1♒ 1'01	19♐57	18♒24	10♓11	7♓ 9	10♓20	18♋41	24♏56	12♋14	23♏34	3♍41	5♍10	7♐35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s50	12s48	4n48	25s50	2s 0	21s 1	1s32	17s23	0s55	11s14	1s22	23n18	1n 9	18s55	0n 5	23n24	0n13	14s15	4n41	9n33	9n11	16s17		n.a.
S 2	23 49	15 30	5 1	25 48	2 0	20 42	1 31	17 9	0 54	11 10	1 22	23 18	1 9	18 56	0 5	23 24	0 13	14 16	4 41	9 37	9 12	16 19		n.a.
M 3	23 48	17 34	5 1	25 45	1 59	20 22	1 29	16 55	0 53	11 6	1 22	23 19	1 9	18 57	0 5	23 24	0 13	14 16	4 41	9 41	9 13	16 20		n.a.
T 4	23 47	18 53	4 48	25 39	1 58	20 1	1 28	16 40	0 52	11 2	1 22	23 20	1 9	18 57	0 5	23 25	0 13	14 17	4 41	9 46	9 14	16 21		n.a.
W 5	23 45	19 22	4 22	25 31	1 57	19 40	1 26	16 26	0 52	10 58	1 22	23 21	1 9	18 58	0 5	23 25	0 13	14 17	4 41	9 50	9 16	16 22		n.a.
T 6	23 42	18 58	3 44	25 21	1 55	19 19	1 24	16 11	0 51	10 54	1 21	23 22	1 10	18 59	0 5	23 25	0 13	14 17	4 41	9 54	9 17	16 23		n.a.
F 7	23 39	17 42	2 55	25 10	1 52	18 57	1 22	15 56	0 50	10 50	1 21	23 23	1 10	19 0	0 5	23 25	0 13	14 18	4 41	9 57	9 18	16 24		n.a.
S 8	23 36	15 34	1 57	24 55	1 49	18 34	1 20	15 41	0 49	10 46	1 21	23 23	1 10	19 0	0 5	23 25	0 13	14 18	4 41	9 59	9 19	16 26		n.a.
S 9	23 32	12 42	0 53	24 39	1 45	18 11	1 18	15 26	0 48	10 42	1 21	23 24	1 10	19 1	0 5	23 25	0 13	14 19	4 41	10 0	9 20	16 27		n.a.
M10	23 27	9 10	0s15	24 21	1 40	17 47	1 16	15 11	0 48	10 38	1 20	23 25	1 10	19 2	0 5	23 26	0 13	14 19	4 41	10 0	9 22	16 28		n.a.
T 11	23 22	5 9	1 24	24 0	1 35	17 23	1 14	14 56	0 47	10 33	1 20	23 26	1 10	19 3	0 5	23 26	0 13	14 19	4 41	10 0	9 23	16 29		n.a.
W12	23 17	0 48	2 30	23 37	1 29	16 59	1 12	14 41	0 46	10 29	1 20	23 27	1 10	19 3	0 5	23 26	0 13	14 20	4 41	10 0	9 24	16 30		n.a.
T 13	23 11	3n42	3 29	23 12	1 22	16 34	1 10	14 25	0 45	10 25	1 20	23 28	1 10	19 4	0 5	23 26	0 13	14 20	4 41	9 59	9 25	16 31		n.a.
F 14	23 5	8 6	4 18	22 46	1 15	16 8	1 7	14 10	0 45	10 20	1 20	23 28	1 10	19 5	0 5	23 26	0 13	14 21	4 41	10 0	9 26	16 33		n.a.
S 15	22 59	12 10	4 51	22 17	1 7	15 43	1 5	13 54	0 44	10 16	1 19	23 29	1 11	19 5	0 5	23 26	0 13	14 21	4 41	10 1	9 27	16 34		n.a.
S 16	22 51	15 34	5 7	21 46	0 58	15 16	1 2	13 38	0 43	10 11	1 19	23 30	1 11	19 6	0 5	23 27	0 13	14 21	4 41	10 3	9 29	16 35		n.a.
M17	22 44	18 0	5 2	21 14	0 49	14 50	1 0	13 22	0 43	10 7	1 19	23 31	1 11	19 7	0 5	23 27	0 13	14 22	4 41	10 6	9 30	16 36		n.a.
T 18	22 36	19 14	4 36	20 40	0 39	14 23	0 57	13 6	0 42	10 2	1 19	23 32	1 11	19 7	0 5	23 27	0 13	14 22	4 41	10 9	9 31	16 37		n.a.
W19	22 28	19 6	3 52	20 5	0 28	13 56	0 54	12 50	0 41	9 58	1 19	23 33	1 11	19 8	0 5	23 27	0 13	14 22	4 42	10 11	9 32	16 38		n.a.
T 20	22 19	17 40	2 53	19 29	0 16	13 28	0 51	12 34	0 40	9 53	1 18	23 33	1 11	19 8	0 5	23 27	0 13	14 23	4 42	10 13	9 33	16 40		n.a.
F 21	22 10	15 8	1 43	18 53	0 4	13 0	0 49	12 18	0 40	9 48	1 18	23 34	1 11	19 9	0 5	23 28	0 13	14 23	4 42	10 15	9 35	16 41		n.a.
S 22	22 0	11 45	0 29	18 15	0n 9	12 32	0 46	12 2	0 39	9 44	1 18	23 35	1 11	19 10	0 5	23 28	0 13	14 23	4 42	10 15	9 36	16 42		n.a.
S 23	21 50	7 51	0n44	17 38	0 23	12 4	0 43	11 45	0 38	9 39	1 18	23 36	1 11	19 10	0 5	23 28	0 13	14 23	4 42	10 15	9 37	16 43		n.a.
M24	21 40	3 42	1 53	17 1	0 37	11 35	0 40	11 29	0 37	9 34	1 18	23 36	1 11	19 11	0 5	23 28	0 13	14 24	4 42	10 15	9 38	16 44		n.a.
T 25	21 29	0s30	2 54	16 25	0 51	11 6	0 36	11 12	0 37	9 29	1 18	23 37	1 12	19 11	0 5	23 28	0 13	14 24	4 42	10 14	9 39	16 45		n.a.
W26	21 18	4 34	3 45	15 50	1 6	10 37	0 33	10 56	0 36	9 24	1 17	23 38	1 12	19 12	0 5	23 28	0 13	14 24	4 42	10 14	9 41	16 46		n.a.
T 27	21 6	8 21	4 25	15 16	1 21	10 7	0 30	10 39	0 35	9 20	1 17	23 39	1 12	19 12	0 5	23 29	0 13	14 25	4 42	10 14	9 42	16 47		n.a.
F 28	20 54	11 44	4 53	14 43	1 36	9 38	0 27	10 22	0 34	9 15	1 17	23 40	1 12	19 13	0 5	23 29	0 13	14 25	4 42	10 14	9 43	16 49		n.a.
S 29	20 42	14 38	5 8	14 13	1 51	9 8	0 23	10 5	0 34	9 10	1 17	23 40	1 12	19 13	0 5	23 29	0 13	14 25	4 42	10 15	9 44	16 50		n.a.
S 30	20 29	16 54	5 10	13 46	2 5	8 38	0 20	9 49	0 33	9 5	1 17	23 41	1 12	19 14	0 5	23 29	0 13	14 25	4 42	10 17	9 45	16 51		n.a.
M31	20s16	18s29	4n59	13s21	2n20	8s 7	0s16	9s32	0s32	9s 0	1s17	23n42	1n12	19s14	0n 5	23n29	0n13	14s26	4n42	10n19	9n46	16s52		n.a.

Julian Day Number = 1281662.5, Delta T = 08h07m34s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'37, Lahiri = -20°34'36 Julian Calendar 1 Jan. 1204 BCE == Greg. Calendar 21 Dec. 1205 BCE

The year -1203 astronomical counting style corresponds to year 1204 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1204 BCE
geocentric

FEBRUARY 1204 BCE (-1203) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 0 13	2♒ 0'50	1♉56	18♒52	11♓22	7♓52	10♓32	18°R37	24♏58	12°R12	23♏35	3°R36	5♍ 6	7♐42	n.a.	T 1
W 2	8 4 10	3° 0'36	14° 4	19°11	12°32	8°35	10°45	18♋32	25° 0	12♋10	23°36	3♍30	5° 3	7°49	n.a.	W 2
T 3	8 8 6	4° 0'20	26°21	19°21	13°42	9°18	10°58	18°28	25° 1	12° 9	23°37	3°25	5° 0	7°56	n.a.	T 3
F 4	8 12 3	5° 0'02	8♒49	19°R22	14°53	10° 1	11°11	18°23	25° 3	12° 7	23°38	3°22	4°57	8° 2	n.a.	F 4
S 5	8 15 59	5°59'42	21°28	19°15	16° 3	10°44	11°23	18°19	25° 5	12° 6	23°39	3°20	4°54	8° 9	n.a.	S 5
S 6	8 19 56	6°59'20	4♓19	19° 0	17°13	11°26	11°36	18°14	25° 7	12° 4	23°40	3°D19	4°51	8°16	n.a.	S 6
M 7	8 23 52	7°58'55	17°23	18°38	18°22	12° 9	11°49	18°10	25° 8	12° 3	23°41	3°20	4°47	8°23	n.a.	M 7
T 8	8 27 49	8°58'28	0♈40	18° 8	19°32	12°52	12° 3	18° 5	25°10	12° 1	23°42	3°21	4°44	8°29	n.a.	T 8
W 9	8 31 45	9°57'58	14°10	17°32	20°42	13°35	12°16	18° 1	25°11	12° 0	23°43	3°23	4°41	8°36	n.a.	W 9
T 10	8 35 42	10°57'26	27°54	16°50	21°51	14°18	12°29	17°57	25°13	11°59	23°44	3°24	4°38	8°43	n.a.	T 10
F 11	8 39 39	11°56'52	11♉52	16° 4	23° 0	15° 0	12°42	17°53	25°14	11°57	23°44	3°R24	4°35	8°49	n.a.	F 11
S 12	8 43 35	12°56'15	26° 3	15°14	24° 9	15°43	12°55	17°49	25°16	11°56	23°45	3°24	4°31	8°56	n.a.	S 12
S 13	8 47 32	13°55'36	10♊25	14°22	25°18	16°25	13° 9	17°45	25°17	11°54	23°46	3°22	4°28	9° 3	n.a.	S 13
M14	8 51 28	14°54'54	24°55	13°29	26°27	17° 8	13°22	17°41	25°18	11°53	23°46	3°20	4°25	9°10	n.a.	M14
T 15	8 55 25	15°54'10	9♋28	12°36	27°36	17°50	13°35	17°37	25°20	11°52	23°47	3°18	4°22	9°16	n.a.	T 15
W16	8 59 21	16°53'23	23°59	11°44	28°44	18°33	13°49	17°33	25°21	11°50	23°48	3°16	4°19	9°23	n.a.	W16
T 17	9 3 18	17°52'34	8♌21	10°53	29°52	19°15	14° 2	17°29	25°22	11°49	23°48	3°14	4°16	9°30	n.a.	T 17
F 18	9 7 14	18°51'43	22°29	10° 6	1♈ 0	19°57	14°16	17°25	25°23	11°48	23°49	3°13	4°12	9°36	n.a.	F 18
S 19	9 11 11	19°50'49	6♍19	9°22	2° 8	20°40	14°30	17°22	25°24	11°47	23°49	3°D13	4° 9	9°43	n.a.	S 19
S 20	9 15 8	20°49'54	19°47	8°42	3°16	21°22	14°43	17°18	25°25	11°45	23°50	3°13	4° 6	9°50	n.a.	S 20
M21	9 19 4	21°48'56	2♎54	8° 7	4°24	22° 4	14°57	17°14	25°26	11°44	23°50	3°14	4° 3	9°57	n.a.	M21
T 22	9 23 1	22°47'56	15°40	7°37	5°31	22°46	15°11	17°11	25°27	11°43	23°51	3°15	4° 0	10° 3	n.a.	T 22
W23	9 26 57	23°46'55	28° 7	7°13	6°38	23°28	15°24	17° 8	25°28	11°42	23°51	3°16	3°56	10°10	n.a.	W23
T 24	9 30 54	24°45'51	10♏19	6°54	7°45	24°10	15°38	17° 4	25°29	11°41	23°51	3°17	3°53	10°17	n.a.	T 24
F 25	9 34 50	25°44'46	22°20	6°41	8°52	24°52	15°52	17° 1	25°30	11°40	23°52	3°R17	3°50	10°24	n.a.	F 25
S 26	9 38 47	26°43'39	4♐14	6°33	9°59	25°34	16° 6	16°58	25°30	11°38	23°52	3°17	3°47	10°30	n.a.	S 26
S 27	9 42 43	27°42'30	16° 7	6°D31	11° 5	26°16	16°20	16°55	25°31	11°37	23°52	3°17	3°44	10°37	n.a.	S 27
M28	9 46 40	28♒41'19	28♐ 2	6♒34	12♈11	26♓58	16♓34	16♋52	25♏32	11♋36	23♏53	3♍16	3♍41	10♐44	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 2	19s15	4n34	12s59	2n34	7s37	0s13	9s15	0s31	8s55	1s16	23n42	1n12	19s15	0n 5	23n29	0n13	14s26	4n42	10n21	9n48	16s53		n.a.
W 2	19 48	19 9	3 57	12 41	2 47	7 6	0 9	8 58	0 31	8 50	1 16	23 43	1 12	19 15	0 5	23 29	0 14	14 26	4 42	10 23	9 49	16 54		n.a.
T 3	19 34	18 9	3 9	12 26	2 59	6 35	0 5	8 41	0 30	8 45	1 16	23 44	1 12	19 16	0 5	23 30	0 14	14 26	4 42	10 25	9 50	16 55		n.a.
F 4	19 20	16 16	2 10	12 14	3 11	6 5	0 2	8 23	0 29	8 40	1 16	23 45	1 12	19 16	0 5	23 30	0 14	14 26	4 42	10 26	9 51	16 56		n.a.
S 5	19 5	13 34	1 5	12 7	3 21	5 34	0n 2	8 6	0 29	8 35	1 16	23 45	1 12	19 17	0 5	23 30	0 14	14 27	4 42	10 27	9 52	16 57		n.a.
S 6	18 50	10 10	0s 6	12 3	3 30	5 2	0 6	7 49	0 28	8 29	1 16	23 46	1 12	19 17	0 5	23 30	0 14	14 27	4 42	10 27	9 54	16 59		n.a.
M 7	18 34	6 14	1 17	12 3	3 37	4 31	0 10	7 32	0 27	8 24	1 16	23 47	1 12	19 17	0 5	23 30	0 14	14 27	4 42	10 27	9 55	17 0		n.a.
T 8	18 19	1 56	2 25	12 7	3 43	4 0	0 14	7 15	0 26	8 19	1 15	23 47	1 12	19 18	0 5	23 30	0 14	14 27	4 42	10 27	9 56	17 1		n.a.
W 9	18 3	2n31	3 26	12 14	3 47	3 29	0 18	6 57	0 26	8 14	1 15	23 48	1 13	19 18	0 5	23 31	0 14	14 27	4 42	10 26	9 57	17 2		n.a.
T 10	17 46	6 55	4 17	12 24	3 49	2 57	0 22	6 40	0 25	8 9	1 15	23 48	1 13	19 19	0 5	23 31	0 14	14 27	4 42	10 26	9 58	17 3		n.a.
F 11	17 29	11 0	4 53	12 38	3 50	2 26	0 26	6 22	0 24	8 3	1 15	23 49	1 13	19 19	0 5	23 31	0 14	14 28	4 42	10 25	9 59	17 4		n.a.
S 12	17 13	14 31	5 12	12 54	3 48	1 54	0 30	6 5	0 24	7 58	1 15	23 50	1 13	19 19	0 5	23 31	0 14	14 28	4 42	10 26	10 1	17 5		n.a.
S 13	16 55	17 13	5 13	13 13	3 45	1 23	0 34	5 48	0 23	7 53	1 15	23 50	1 13	19 20	0 5	23 31	0 14	14 28	4 42	10 26	10 2	17 6		n.a.
M14	16 38	18 51	4 53	13 33	3 39	0 51	0 38	5 30	0 22	7 47	1 15	23 51	1 13	19 20	0 5	23 31	0 14	14 28	4 42	10 27	10 3	17 7		n.a.
T 15	16 20	19 15	4 15	13 55	3 32	0 20	0 42	5 13	0 21	7 42	1 15	23 51	1 13	19 20	0 5	23 31	0 14	14 28	4 43	10 28	10 4	17 8		n.a.
W16	16 2	18 23	3 20	14 18	3 24	0n12	0 46	4 55	0 21	7 37	1 14	23 52	1 13	19 21	0 5	23 31	0 14	14 28	4 43	10 29	10 5	17 9		n.a.
T 17	15 44	16 20	2 13	14 41	3 14	0 43	0 50	4 38	0 20	7 31	1 14	23 52	1 13	19 21	0 5	23 32	0 14	14 28	4 43	10 29	10 6	17 11		n.a.
F 18	15 25	13 19	0 59	15 5	3 2	1 14	0 55	4 20	0 19	7 26	1 14	23 53	1 13	19 21	0 5	23 32	0 14	14 28	4 43	10 29	10 8	17 12		n.a.
S 19	15 6	9 37	0n17	15 29	2 50	1 46	0 59	4 3	0 19	7 20	1 14	23 53	1 13	19 21	0 5	23 32	0 14	14 28	4 43	10 30	10 9	17 13		n.a.
S 20	14 47	5 29	1 30	15 52	2 36	2 17	1 3	3 45	0 18	7 15	1 14	23 54	1 13	19 22	0 5	23 32	0 14	14 29	4 43	10 29	10 10	17 14		n.a.
M21	14 28	1 13	2 37	16 15	2 22	2 48	1 7	3 28	0 17	7 9	1 14	23 54	1 13	19 22	0 4	23 32	0 14	14 29	4 43	10 29	10 11	17 15		n.a.
T 22	14 9	2s59	3 34	16 36	2 8	3 19	1 12	3 10	0 17	7 4	1 14	23 55	1 13	19 22	0 4	23 32	0 14	14 29	4 43	10 29	10 12	17 16		n.a.
W23	13 49	6 57	4 19	16 57	1 53	3 50	1 16	2 52	0 16	6 58	1 14	23 55	1 13	19 22	0 4	23 32	0 14	14 29	4 43	10 28	10 14	17 17		n.a.
T 24	13 29	10 32	4 52	17 16	1 38	4 21	1 20	2 35	0 15	6 53	1 14	23 56	1 13	19 23	0 4	23 32	0 14	14 29	4 43	10 28	10 15	17 18		n.a.
F 25	13 9	13 39	5 11	17 34	1 23	4 52	1 25	2 17	0 14	6 47	1 14	23 56	1 13	19 23	0 4	23 33	0 14	14 29	4 43	10 28	10 16	17 19		n.a.
S 26	12 49	16 9	5 17	17 51	1 8	5 22	1 29	2 0	0 14	6 42	1 13	23 57	1 13	19 23	0 4	23 33	0 14	14 29	4 43	10 28	10 17	17 20		n.a.
S 27	12 28	17 59	5 9	18 6	0 53	5 53	1 33	1 42	0 13	6 36	1 13	23 57	1 13	19 23	0 4	23 33	0 14	14 29	4 43	10 28	10 18	17 21		n.a.
M28	12s 7	19s 1	4n48	18s19	0n38	6n23	1n37	1s25	0s12	6s31	1s13	23n57	1n13	19s23	0n 4	23n33	0n14	14s29	4n43	10n28	10n19	17s22		n.a.

Julian Day Number = 1281693.5, Delta T = 08h07m32s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'32, Lahiri = -20°34'32 Julian Calendar 1 Feb. 1204 BCE == Greg. Calendar 21 Jan. 1204 BCE

The year -1203 astronomical counting style corresponds to year 1204 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1204 BCE
geocentric

MARCH 1204 BCE (-1203) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 50 36	29♒40'06	10♉ 4	6♒43	13♈17	27♓40	16♓47	16°R49	25♏32	11°R35	23♏53	3°R16	3♍37	10♐50	n.a.	T 1
W 2	9 54 33	0♓38'51	22°17	6°56	14°23	28°22	17° 1	16♋46	25°33	11♋34	23°53	3♍15	3°34	10°57	n.a.	W 2
T 3	9 58 30	1°37'34	4♒43	7°15	15°28	29° 4	17°15	16°44	25°33	11°33	23°53	3°15	3°31	11° 4	n.a.	T 3
F 4	10 2 26	2°36'16	17°24	7°38	16°34	29°45	17°29	16°41	25°34	11°32	23°53	3°15	3°28	11°11	n.a.	F 4
S 5	10 6 23	3°34'55	0♓21	8° 6	17°39	0♈27	17°43	16°38	25°34	11°32	23°53	3°15	3°25	11°17	n.a.	S 5
S 6	10 10 19	4°33'32	13°34	8°38	18°43	1° 9	17°58	16°36	25°34	11°31	23°53	3°15	3°22	11°24	n.a.	S 6
M 7	10 14 16	5°32'07	27° 3	9°14	19°48	1°50	18°12	16°34	25°34	11°30	23°R53	3°15	3°18	11°31	n.a.	M 7
T 8	10 18 12	6°30'40	10♈45	9°54	20°52	2°32	18°26	16°31	25°35	11°29	23°53	3°15	3°15	11°38	n.a.	T 8
W 9	10 22 9	7°29'10	24°39	10°38	21°56	3°14	18°40	16°29	25°35	11°28	23°53	3°14	3°12	11°44	n.a.	W 9
T 10	10 26 5	8°27'39	8♉42	11°25	23° 0	3°55	18°54	16°27	25°35	11°27	23°53	3°14	3° 9	11°51	n.a.	T 10
F 11	10 30 2	9°26'05	22°50	12°15	24° 3	4°36	19° 8	16°25	25°R35	11°27	23°53	3°13	3° 6	11°58	n.a.	F 11
S 12	10 33 58	10°24'29	7♊ 3	13° 9	25° 7	5°18	19°22	16°23	25°35	11°26	23°53	3°D13	3° 2	12° 4	n.a.	S 12
S 13	10 37 55	11°22'50	21°17	14° 6	26° 9	5°59	19°36	16°22	25°35	11°25	23°53	3°13	2°59	12°11	n.a.	S 13
M14	10 41 52	12°21'10	5♋29	15° 6	27°12	6°41	19°51	16°20	25°35	11°25	23°53	3°14	2°56	12°18	n.a.	M14
T 15	10 45 48	13°19'27	19°38	16° 8	28°14	7°22	20° 5	16°18	25°35	11°24	23°52	3°14	2°53	12°25	n.a.	T 15
W16	10 49 45	14°17'41	3♌40	17°14	29°16	8° 3	20°19	16°17	25°34	11°23	23°52	3°15	2°50	12°31	n.a.	W16
T 17	10 53 41	15°15'54	17°33	18°21	0♉18	8°44	20°33	16°15	25°34	11°23	23°52	3°16	2°47	12°38	n.a.	T 17
F 18	10 57 38	16°14'05	1♍15	19°32	1°19	9°25	20°47	16°14	25°34	11°22	23°52	3°R16	2°43	12°45	n.a.	F 18
S 19	11 1 34	17°12'13	14°43	20°45	2°20	10° 7	21° 1	16°13	25°33	11°22	23°51	3°16	2°40	12°51	n.a.	S 19
S 20	11 5 31	18°10'20	27°56	22° 0	3°20	10°48	21°16	16°12	25°33	11°21	23°51	3°15	2°37	12°58	n.a.	S 20
M21	11 9 27	19° 8'25	10♎53	23°17	4°20	11°29	21°30	16°11	25°32	11°21	23°50	3°13	2°34	13° 5	n.a.	M21
T 22	11 13 24	20° 6'28	23°33	24°37	5°20	12°10	21°44	16°10	25°32	11°21	23°50	3°11	2°31	13°12	n.a.	T 22
W23	11 17 20	21° 4'29	5♏58	25°59	6°19	12°51	21°58	16° 9	25°31	11°20	23°49	3° 9	2°28	13°18	n.a.	W23
T 24	11 21 17	22° 2'29	18°10	27°23	7°18	13°31	22°13	16° 9	25°31	11°20	23°49	3° 6	2°24	13°25	n.a.	T 24
F 25	11 25 14	23° 0'28	0♐12	28°49	8°17	14°12	22°27	16° 8	25°30	11°20	23°48	3° 4	2°21	13°32	n.a.	F 25
S 26	11 29 10	23°58'25	12° 7	0♓17	9°15	14°53	22°41	16° 8	25°29	11°19	23°48	3° 2	2°18	13°39	n.a.	S 26
S 27	11 33 7	24°56'20	24° 0	1°47	10°12	15°34	22°55	16° 7	25°29	11°19	23°47	3°D 2	2°15	13°45	n.a.	S 27
M28	11 37 3	25°54'14	5♉56	3°19	11° 9	16°15	23° 9	16° 7	25°28	11°19	23°47	3° 2	2°12	13°52	n.a.	M28
T 29	11 41 0	26°52'07	17°58	4°53	12° 6	16°55	23°24	16° 7	25°27	11°19	23°46	3° 3	2° 8	13°59	n.a.	T 29
W30	11 44 56	27°49'58	0♒13	6°29	13° 2	17°36	23°38	16°D 7	25°26	11°19	23°45	3° 5	2° 5	14° 5	n.a.	W30
T 31	11 48 53	28♓47'48	12♒43	8♓ 7	13♉58	18♈17	23♓52	16♋ 7	25♏25	11♋18	23♏45	3♍ 6	2♍ 2	14♐12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s47	19s13	4n14	18s31	0n24	6n53	1n42	1s 7	0s12	6s25	1s13	23n58	1n13	19s23	0n 4	23n33	0n14	14s29	4n43	10n28	10n21	17s23			n.a.
W 2	11 25	18 32	3 28	18 41	0 10	7 23	1 46	0 50	0 11	6 19	1 13	23 58	1 13	19 24	0 4	23 33	0 14	14 29	4 43	10 29	10 22	17 24			n.a.
T 3	11 4	16 57	2 32	18 49	0s 3	7 53	1 50	0 32	0 10	6 14	1 13	23 58	1 13	19 24	0 4	23 33	0 14	14 29	4 43	10 29	10 23	17 25			n.a.
F 4	10 43	14 30	1 27	18 55	0 16	8 22	1 55	0 15	0 10	6 8	1 13	23 59	1 13	19 24	0 4	23 33	0 14	14 29	4 43	10 29	10 24	17 26			n.a.
S 5	10 21	11 17	0 16	19 0	0 28	8 52	1 59	0n 3	0 9	6 3	1 13	23 59	1 13	19 24	0 4	23 33	0 14	14 29	4 43	10 29	10 25	17 27			n.a.
S 6	10 0	7 26	0s57	19 3	0 40	9 21	2 3	0 20	0 8	5 57	1 13	23 59	1 13	19 24	0 4	23 33	0 14	14 29	4 43	10 29	10 26	17 28			n.a.
M 7	9 38	3 9	2 8	19 4	0 52	9 50	2 7	0 38	0 8	5 51	1 13	24 0	1 13	19 24	0 4	23 33	0 14	14 29	4 44	10 29	10 28	17 29			n.a.
T 8	9 16	1n22	3 13	19 4	1 2	10 18	2 12	0 55	0 7	5 46	1 13	24 0	1 13	19 24	0 4	23 34	0 14	14 29	4 44	10 29	10 29	17 30			n.a.
W 9	8 54	5 52	4 8	19 1	1 13	10 46	2 16	1 12	0 6	5 40	1 13	24 0	1 13	19 24	0 4	23 34	0 14	14 29	4 44	10 29	10 30	17 31			n.a.
T 10	8 32	10 5	4 48	18 57	1 22	11 15	2 20	1 30	0 6	5 34	1 12	24 0	1 13	19 24	0 4	23 34	0 14	14 29	4 44	10 29	10 31	17 32			n.a.
F 11	8 10	13 46	5 12	18 52	1 31	11 42	2 24	1 47	0 5	5 29	1 12	24 1	1 13	19 24	0 4	23 34	0 14	14 28	4 44	10 29	10 32	17 33			n.a.
S 12	7 47	16 39	5 16	18 44	1 40	12 10	2 28	2 4	0 5	5 23	1 12	24 1	1 13	19 24	0 4	23 34	0 14	14 28	4 44	10 30	10 33	17 35			n.a.
S 13	7 25	18 32	5 1	18 35	1 47	12 37	2 32	2 21	0 4	5 17	1 12	24 1	1 13	19 24	0 4	23 34	0 14	14 28	4 44	10 29	10 35	17 36			n.a.
M14	7 2	19 15	4 28	18 24	1 55	13 4	2 36	2 39	0 3	5 11	1 12	24 1	1 13	19 24	0 4	23 34	0 14	14 28	4 44	10 29	10 36	17 37			n.a.
T 15	6 40	18 46	3 39	18 11	2 1	13 30	2 40	2 56	0 3	5 6	1 12	24 1	1 13	19 24	0 4	23 34	0 14	14 28	4 44	10 29	10 37	17 38			n.a.
W16	6 17	17 7	2 37	17 57	2 7	13 57	2 44	3 13	0 2	5 0	1 12	24 2	1 13	19 24	0 4	23 34	0 14	14 28	4 44	10 29	10 38	17 39			n.a.
T 17	5 54	14 28	1 26	17 41	2 13	14 22	2 48	3 30	0 1	4 54	1 12	24 2	1 13	19 24	0 4	23 34	0 14	14 28	4 44	10 28	10 39	17 40			n.a.
F 18	5 31	11 2	0 11	17 23	2 18	14 48	2 52	3 47	0 1	4 49	1 12	24 2	1 13	19 24	0 4	23 34	0 14	14 28	4 44	10 28	10 40	17 41			n.a.
S 19	5 8	7 5	1n 3	17 3	2 22	15 13	2 55	4 4	0 0	4 43	1 12	24 2	1 13	19 24	0 4	23 34	0 14	14 28	4 44	10 28	10 42	17 42			n.a.
S 20	4 45	2 51	2 12	16 42	2 26	15 38	2 59	4 21	0n 1	4 37	1 12	24 2	1 13	19 24	0 4	23 34	0 14	14 28	4 44	10 29	10 43	17 43			n.a.
M21	4 22	1s25	3 13	16 19	2 29	16 2	3 3	4 38	0 1	4 31	1 12	24 2	1 13	19 24	0 4	23 34	0 14	14 27	4 44	10 29	10 44	17 44			n.a.
T 22	3 59	5 32	4 3	15 54	2 31	16 26	3 6	4 55	0 2	4 26	1 12	24 2	1 13	19 23	0 4	23 34	0 14	14 27	4 44	10 30	10 45	17 44			n.a.
W23	3 36	9 20	4 40	15 28	2 33	16 49	3 10	5 12	0 2	4 20	1 12	24 2	1 13	19 23	0 4	23 34	0 14	14 27	4 44	10 31	10 46	17 45			n.a.
T 24	3 12	12 39	5 4	15 0	2 34	17 13	3 13	5 28	0 3	4 14	1 12	24 2	1 12	19 23	0 4	23 34	0 14	14 27	4 44	10 32	10 47	17 46			n.a.
F 25	2 49	15 24	5 15	14 30	2 35	17 35	3 16	5 45	0 4	4 8	1 12	24 2	1 12	19 23	0 4	23 34	0 14	14 27	4 44	10 33	10 48	17 47			n.a.
S 26	2 26	17 29	5 11	13 58	2 35	17 57	3 20	6 2	0 4	4 3	1 12	24 2	1 12	19 23	0 4	23 34	0 14	14 27	4 44	10 33	10 50	17 48			n.a.
S 27	2 3	18 48	4 54	13 25	2 35	18 19	3 23	6 18	0 5	3 57	1 12	24 2	1 12	19 23	0 4	23 35	0 14	14 26	4 44	10 34	10 51	17 49			n.a.
M28	1 39	19 18	4 25	12 50	2 34	18 41	3 26	6 35	0 6	3 51	1 12	24 2	1 12	19 23	0 4	23 35	0 14	14 26	4 44	10 34	10 52	17 50			n.a.
T 29	1 16	18 55	3 43	12 14	2 32	19 1	3 29	6 51	0 6	3 46	1 12	24 2	1 12	19 22	0 4	23 35	0 14	14 26	4 44	10 33	10 53	17 51			n.a.
W30	0 53	17 39	2 51	11 36	2 30	19 22	3 32	7 7	0 7	3 40	1 12	24 2	1 12	19 22	0 4	23 35	0 14	14 26	4 44	10 33	10 54	17 52			n.a.
T 31	0s29	15s31	1n50	10s56	2s27	19n42	3n35	7n24	0n 7	3s34	1s12	24n 2	1n12	19s22	0n 4	23n35	0n14	14s26	4n44	10n32	10n55	17s53			n.a.

Julian Day Number = 1281721.5, Delta T = 08h07m30s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'29, Lahiri = -20°34'28 Julian Calendar 1 March 1204 BCE == Greg. Calendar 18 Feb. 1204 BCE

The year -1203 astronomical counting style corresponds to year 1204 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1204 BCE
geocentric

APRIL 1204 BCE (-1203) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 52 49	29♓45'36	25♒32	9♓47	14♉53	18♈57	24♓ 6	16♋ 7	25°R24	11°R18	23°R44	3♍ 7	1♍59	14♐19	n.a.	F 1
S 2	11 56 46	0♈43'23	8♓42	11°29	15°48	19°38	24°20	16° 8	25♏23	11♋18	23♏43	3°R 8	1°56	14°26	n.a.	S 2
S 3	12 0 43	1°41'08	22°14	13°13	16°42	20°19	24°34	16° 8	25°22	11°D18	23°42	3° 6	1°53	14°32	n.a.	S 3
M 4	12 4 39	2°38'52	6♈ 7	14°59	17°35	20°59	24°49	16° 9	25°21	11°18	23°42	3° 4	1°49	14°39	n.a.	M 4
T 5	12 8 36	3°36'35	20°16	16°47	18°28	21°40	25° 3	16° 9	25°20	11°18	23°41	3° 0	1°46	14°46	n.a.	T 5
W 6	12 12 32	4°34'15	4♉38	18°37	19°20	22°20	25°17	16°10	25°19	11°18	23°40	2°55	1°43	14°52	n.a.	W 6
T 7	12 16 29	5°31'55	19° 7	20°29	20°12	23° 0	25°31	16°11	25°17	11°19	23°39	2°51	1°40	14°59	n.a.	T 7
F 8	12 20 25	6°29'32	3♊36	22°23	21° 3	23°41	25°45	16°12	25°16	11°19	23°38	2°47	1°37	15° 6	n.a.	F 8
S 9	12 24 22	7°27'08	18° 1	24°19	21°53	24°21	25°59	16°13	25°15	11°19	23°37	2°44	1°33	15°13	n.a.	S 9
S 10	12 28 18	8°24'43	2♋18	26°16	22°42	25° 1	26°13	16°14	25°13	11°19	23°36	2°D43	1°30	15°19	n.a.	S 10
M11	12 32 15	9°22'15	16°24	28°16	23°31	25°42	26°27	16°15	25°12	11°19	23°35	2°43	1°27	15°26	n.a.	M11
T 12	12 36 11	10°19'46	0♌18	0♈17	24°19	26°22	26°41	16°16	25°11	11°20	23°34	2°44	1°24	15°33	n.a.	T 12
W13	12 40 8	11°17'16	14° 0	2°20	25° 6	27° 2	26°55	16°18	25° 9	11°20	23°33	2°45	1°21	15°39	n.a.	W13
T 14	12 44 5	12°14'44	27°28	4°25	25°52	27°42	27° 9	16°19	25° 8	11°20	23°32	2°R46	1°18	15°46	n.a.	T 14
F 15	12 48 1	13°12'10	10♍45	6°31	26°38	28°22	27°23	16°21	25° 6	11°21	23°31	2°46	1°14	15°53	n.a.	F 15
S 16	12 51 58	14° 9'35	23°50	8°39	27°22	29° 2	27°37	16°23	25° 4	11°21	23°30	2°44	1°11	16° 0	n.a.	S 16
S 17	12 55 54	15° 6'58	6♎42	10°48	28° 6	29°42	27°51	16°24	25° 3	11°22	23°29	2°40	1° 8	16° 6	n.a.	S 17
M18	12 59 51	16° 4'21	19°23	12°58	28°48	0♉22	28° 4	16°26	25° 1	11°22	23°28	2°34	1° 5	16°13	n.a.	M18
T 19	13 3 47	17° 1'42	1♏52	15° 8	29°30	1° 2	28°18	16°28	24°59	11°23	23°27	2°27	1° 2	16°20	n.a.	T 19
W20	13 7 44	17°59'03	14°10	17°19	0♊11	1°42	28°32	16°30	24°58	11°23	23°26	2°19	0°59	16°26	n.a.	W20
T 21	13 11 40	18°56'22	26°17	19°31	0°50	2°22	28°46	16°33	24°56	11°24	23°25	2°11	0°55	16°33	n.a.	T 21
F 22	13 15 37	19°53'41	8♐17	21°42	1°28	3° 2	28°59	16°35	24°54	11°24	23°23	2° 3	0°52	16°40	n.a.	F 22
S 23	13 19 34	20°50'59	20°10	23°54	2° 5	3°42	29°13	16°37	24°52	11°25	23°22	1°57	0°49	16°47	n.a.	S 23
S 24	13 23 30	21°48'16	2♑ 2	26° 5	2°41	4°22	29°27	16°40	24°50	11°26	23°21	1°53	0°46	16°53	n.a.	S 24
M25	13 27 27	22°45'32	13°56	28°15	3°16	5° 2	29°40	16°42	24°48	11°26	23°20	1°51	0°43	17° 0	n.a.	M25
T 26	13 31 23	23°42'48	25°57	0♉24	3°49	5°41	29°54	16°45	24°46	11°27	23°18	1°D51	0°39	17° 7	n.a.	T 26
W27	13 35 20	24°40'03	8♒10	2°32	4°21	6°21	0♈ 7	16°48	24°44	11°28	23°17	1°51	0°36	17°14	n.a.	W27
T 28	13 39 16	25°37'18	20°40	4°38	4°52	7° 1	0°21	16°51	24°42	11°29	23°16	1°52	0°33	17°20	n.a.	T 28
F 29	13 43 13	26°34'32	3♓31	6°43	5°21	7°41	0°34	16°54	24°40	11°29	23°15	1°R53	0°30	17°27	n.a.	F 29
S 30	13 47 9	27♈31'45	16♓46	8♉45	5♊49	8♉20	0♈48	16♋57	24♏38	11♋30	23♏13	1♍52	0♍27	17♐34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s 6	12s34	0n42	10s15	2s24	20n 1	3n37	7n40	0n 8	3s28	1s12	24n 2	1n12	19s22	0n 4	23n35	0n14	14s25	4n44	10n32	10n57	17s54		n.a.
S 2	0n18	8 55	0s31	9 32	2 20	20 20	3 40	7 56	0 9	3 23	1 12	24 2	1 12	19 21	0 4	23 35	0 14	14 25	4 44	10 32	10 58	17 55		n.a.
S 3	0 41	4 42	1 43	8 47	2 16	20 39	3 42	8 12	0 9	3 17	1 12	24 2	1 12	19 21	0 4	23 35	0 14	14 25	4 45	10 32	10 59	17 56		n.a.
M 4	1 4	0 8	2 51	8 1	2 11	20 56	3 45	8 28	0 10	3 11	1 12	24 2	1 12	19 21	0 4	23 35	0 14	14 25	4 45	10 33	11 0	17 57		n.a.
T 5	1 27	4n31	3 50	7 13	2 6	21 14	3 47	8 44	0 10	3 6	1 12	24 2	1 12	19 21	0 4	23 35	0 14	14 25	4 45	10 34	11 1	17 58		n.a.
W 6	1 51	8 58	4 35	6 24	2 0	21 31	3 49	9 0	0 11	3 0	1 12	24 2	1 12	19 20	0 4	23 35	0 14	14 24	4 45	10 36	11 2	17 59		n.a.
T 7	2 14	12 56	5 3	5 33	1 53	21 47	3 51	9 16	0 12	2 54	1 12	24 2	1 12	19 20	0 4	23 35	0 14	14 24	4 45	10 38	11 4	18 0		n.a.
F 8	2 37	16 7	5 12	4 41	1 46	22 3	3 53	9 32	0 12	2 49	1 12	24 1	1 12	19 20	0 4	23 35	0 14	14 24	4 45	10 39	11 5	18 1		n.a.
S 9	3 0	18 18	5 1	3 48	1 38	22 18	3 54	9 47	0 13	2 43	1 12	24 1	1 12	19 19	0 4	23 35	0 14	14 24	4 45	10 40	11 6	18 2		n.a.
S 10	3 23	19 18	4 31	2 53	1 30	22 33	3 56	10 3	0 13	2 37	1 12	24 1	1 12	19 19	0 4	23 35	0 14	14 23	4 45	10 41	11 7	18 3		n.a.
M11	3 46	19 5	3 46	1 57	1 22	22 47	3 57	10 18	0 14	2 32	1 12	24 1	1 12	19 19	0 4	23 35	0 14	14 23	4 45	10 41	11 8	18 4		n.a.
T 12	4 9	17 42	2 47	1 0	1 13	23 0	3 58	10 34	0 14	2 26	1 12	24 1	1 12	19 18	0 4	23 35	0 14	14 23	4 45	10 40	11 9	18 5		n.a.
W13	4 32	15 18	1 40	0 2	1 4	23 13	3 59	10 49	0 15	2 20	1 12	24 1	1 12	19 18	0 4	23 35	0 14	14 23	4 45	10 40	11 10	18 5		n.a.
T 14	4 55	12 6	0 29	0n57	0 54	23 26	4 0	11 4	0 16	2 15	1 12	24 0	1 12	19 18	0 4	23 34	0 14	14 22	4 45	10 39	11 12	18 6		n.a.
F 15	5 18	8 19	0n43	1 57	0 44	23 37	4 1	11 19	0 16	2 9	1 12	24 0	1 12	19 17	0 4	23 34	0 14	14 22	4 45	10 39	11 13	18 7		n.a.
S 16	5 40	4 12	1 52	2 58	0 34	23 49	4 2	11 34	0 17	2 3	1 12	24 0	1 12	19 17	0 4	23 34	0 14	14 22	4 45	10 40	11 14	18 8		n.a.
S 17	6 3	0s 4	2 53	3 59	0 24	23 59	4 2	11 49	0 17	1 58	1 12	24 0	1 12	19 17	0 4	23 34	0 14	14 22	4 45	10 42	11 15	18 9		n.a.
M18	6 25	4 15	3 45	5 0	0 13	24 9	4 2	12 4	0 18	1 52	1 12	23 59	1 11	19 16	0 4	23 34	0 14	14 21	4 45	10 44	11 16	18 10		n.a.
T 19	6 48	8 11	4 25	6 1	0 3	24 18	4 2	12 19	0 18	1 47	1 12	23 59	1 11	19 16	0 4	23 34	0 14	14 21	4 45	10 46	11 17	18 11		n.a.
W20	7 10	11 42	4 52	7 2	0n 8	24 27	4 2	12 33	0 19	1 41	1 12	23 59	1 11	19 15	0 4	23 34	0 14	14 21	4 45	10 49	11 18	18 12		n.a.
T 21	7 32	14 41	5 6	8 2	0 18	24 35	4 1	12 48	0 19	1 36	1 12	23 58	1 11	19 15	0 4	23 34	0 14	14 21	4 45	10 52	11 20	18 13		n.a.
F 22	7 54	17 1	5 6	9 2	0 29	24 43	4 0	13 2	0 20	1 30	1 12	23 58	1 11	19 14	0 4	23 34	0 14	14 20	4 45	10 55	11 21	18 14		n.a.
S 23	8 16	18 36	4 52	10 1	0 39	24 50	3 59	13 17	0 21	1 25	1 12	23 58	1 11	19 14	0 4	23 34	0 14	14 20	4 45	10 57	11 22	18 15		n.a.
S 24	8 38	19 23	4 26	10 59	0 49	24 56	3 58	13 31	0 21	1 19	1 12	23 57	1 11	19 14	0 4	23 34	0 14	14 20	4 45	10 59	11 23	18 15		n.a.
M25	9 0	19 18	3 49	11 56	0 58	25 1	3 57	13 45	0 22	1 14	1 12	23 57	1 11	19 13	0 4	23 34	0 14	14 19	4 44	10 59	11 24	18 16		n.a.
T 26	9 21	18 21	3 1	12 51	1 7	25 6	3 55	13 59	0 22	1 8	1 12	23 57	1 11	19 13	0 4	23 34	0 14	14 19	4 44	11 0	11 25	18 17		n.a.
W27	9 43	16 32	2 4	13 44	1 16	25 10	3 53	14 13	0 23	1 3	1 12	23 56	1 11	19 12	0 4	23 34	0 14	14 19	4 44	10 59	11 26	18 18		n.a.
T 28	10 4	13 54	1 0	14 36	1 24	25 14	3 50	14 27	0 23	0 57	1 12	23 56	1 11	19 12	0 4	23 34	0 14	14 19	4 44	10 59	11 28	18 19		n.a.
F 29	10 25	10 31	0s 9	15 25	1 32	25 17	3 48	14 40	0 24	0 52	1 12	23 55	1 11	19 11	0 4	23 34	0 14	14 18	4 44	10 59	11 29	18 20		n.a.
S 30	10n46	6s31	1s19	16n12	1n39	25n19	3n45	14n54	0n24	0s47	1s12	23n55	1n11	19s11	0n 4	23n34	0n14	14s18	4n44	10n59	11n30	18s21		n.a.

Julian Day Number = 1281752.5, Delta T = 08h07m29s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'24, Lahiri = -20°34'24 Julian Calendar 1 Apr. 1204 BCE == Greg. Calendar 21 March 1204 BCE

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ASTRODIENST EPHEMERIS for the year 1204 BCE
geocentric

MAY 1204 BCE (-1203) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 51 6	28♈28'58	0♈28	10♉46	6♊15	9♉ 0	1♈ 1	17♋ 0	24°R36	11♋31	23°R12	1°R49	0♍24	17♐40	n.a.	S 1
M 2	13 55 3	29°26'10	14°36	12°45	6°39	9°39	1°14	17° 3	24♏34	11°32	23♏11	1♍43	0°20	17°47	n.a.	M 2
T 3	13 58 59	0♉23'22	29° 7	14°42	7° 2	10°19	1°28	17° 7	24°32	11°33	23° 9	1°36	0°17	17°54	n.a.	T 3
W 4	14 2 56	1°20'33	13♉53	16°36	7°23	10°59	1°41	17°10	24°30	11°34	23° 8	1°27	0°14	18° 1	n.a.	W 4
T 5	14 6 52	2°17'44	28°48	18°29	7°42	11°38	1°54	17°14	24°28	11°35	23° 6	1°18	0°11	18° 7	n.a.	T 5
F 6	14 10 49	3°14'53	13♊41	20°18	8° 0	12°18	2° 7	17°17	24°26	11°36	23° 5	1°10	0° 8	18°14	n.a.	F 6
S 7	14 14 45	4°12'03	28°25	22° 6	8°15	12°57	2°20	17°21	24°23	11°37	23° 4	1° 4	0° 4	18°21	n.a.	S 7
S 8	14 18 42	5° 9'11	12♋55	23°51	8°28	13°36	2°33	17°25	24°21	11°38	23° 2	0°59	0° 1	18°27	n.a.	S 8
M 9	14 22 39	6° 6'18	27° 5	25°34	8°40	14°16	2°46	17°28	24°19	11°39	23° 1	0°58	29♌58	18°34	n.a.	M 9
T 10	14 26 35	7° 3'25	10♌55	27°14	8°49	14°55	2°59	17°32	24°17	11°40	22°59	0°D57	29°55	18°41	n.a.	T 10
W11	14 30 32	8° 0'31	24°27	28°51	8°56	15°34	3°12	17°36	24°14	11°41	22°58	0°R58	29°52	18°48	n.a.	W11
T 12	14 34 28	8°57'36	7♍41	0♊27	9° 1	16°14	3°25	17°41	24°12	11°43	22°56	0°58	29°49	18°54	n.a.	T 12
F 13	14 38 25	9°54'41	20°39	1°59	9° 4	16°53	3°37	17°45	24°10	11°44	22°55	0°56	29°45	19° 1	n.a.	F 13
S 14	14 42 21	10°51'45	3♎25	3°30	9°R 4	17°32	3°50	17°49	24° 7	11°45	22°53	0°52	29°42	19° 8	n.a.	S 14
S 15	14 46 18	11°48'49	15°59	4°57	9° 2	18°12	4° 3	17°53	24° 5	11°46	22°52	0°46	29°39	19°14	n.a.	S 15
M16	14 50 14	12°45'52	28°24	6°23	8°58	18°51	4°15	17°58	24° 3	11°48	22°50	0°36	29°36	19°21	n.a.	M16
T 17	14 54 11	13°42'55	10♏40	7°45	8°51	19°30	4°28	18° 2	24° 0	11°49	22°49	0°25	29°33	19°28	n.a.	T 17
W18	14 58 8	14°39'58	22°48	9° 5	8°42	20° 9	4°40	18° 7	23°58	11°50	22°47	0°12	29°30	19°35	n.a.	W18
T 19	15 2 4	15°37'01	4♐48	10°23	8°30	20°48	4°52	18°11	23°55	11°52	22°46	29♌59	29°26	19°41	n.a.	T 19
F 20	15 6 1	16°34'04	16°44	11°37	8°16	21°27	5° 5	18°16	23°53	11°53	22°44	29°48	29°23	19°48	n.a.	F 20
S 21	15 9 57	17°31'06	28°36	12°49	8° 0	22° 6	5°17	18°21	23°51	11°55	22°43	29°37	29°20	19°55	n.a.	S 21
S 22	15 13 54	18°28'10	10♑26	13°58	7°41	22°45	5°29	18°26	23°48	11°56	22°41	29°30	29°17	20° 1	n.a.	S 22
M23	15 17 50	19°25'13	22°19	15° 4	7°21	23°24	5°41	18°31	23°46	11°58	22°40	29°25	29°14	20° 8	n.a.	M23
T 24	15 21 47	20°22'16	4♒19	16° 7	6°58	24° 3	5°53	18°36	23°43	11°59	22°38	29°22	29°10	20°15	n.a.	T 24
W25	15 25 43	21°19'20	16°29	17° 8	6°33	24°42	6° 5	18°41	23°41	12° 1	22°37	29°21	29° 7	20°22	n.a.	W25
T 26	15 29 40	22°16'24	28°56	18° 4	6° 6	25°21	6°17	18°46	23°39	12° 2	22°35	29°21	29° 4	20°28	n.a.	T 26
F 27	15 33 37	23°13'29	11♓45	18°58	5°37	26° 0	6°29	18°51	23°36	12° 4	22°34	29°21	29° 1	20°35	n.a.	F 27
S 28	15 37 33	24°10'34	24°58	19°48	5° 6	26°39	6°40	18°57	23°34	12° 5	22°32	29°19	28°58	20°42	n.a.	S 28
S 29	15 41 30	25° 7'39	8♈41	20°35	4°34	27°18	6°52	19° 2	23°31	12° 7	22°31	29°15	28°55	20°48	n.a.	S 29
M30	15 45 26	26° 4'45	22°53	21°18	4° 0	27°57	7° 3	19° 7	23°29	12° 9	22°29	29° 9	28°51	20°55	n.a.	M30
T 31	15 49 23	27♉ 1'51	7♉32	21♊58	3♊26	28♉36	7♈15	19♋13	23♏26	12♋10	22♏28	29♌ 0	28♌48	21♐ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11n 7	2s 3	2s27	16n58	1n45	25n21	3n42	15n 7	0n25	0s41	1s12	23n54	1n11	19s10	0n 4	23n34	0n14	14s18	4n44	11n 0	11n31	18s22			n.a.
M 2	11 27	2n40	3 28	17 40	1 51	25 22	3 38	15 21	0 25	0 36	1 12	23 54	1 11	19 10	0 4	23 34	0 14	14 17	4 44	11 2	11 32	18 22			n.a.
T 3	11 48	7 20	4 17	18 21	1 55	25 22	3 34	15 34	0 26	0 31	1 12	23 54	1 11	19 9	0 4	23 33	0 14	14 17	4 44	11 5	11 33	18 23			n.a.
W 4	12 8	11 39	4 50	18 59	2 0	25 21	3 30	15 47	0 26	0 25	1 12	23 53	1 11	19 9	0 4	23 33	0 14	14 17	4 44	11 8	11 34	18 24			n.a.
T 5	12 28	15 17	5 4	19 35	2 3	25 20	3 25	16 0	0 27	0 20	1 12	23 53	1 11	19 8	0 4	23 33	0 14	14 16	4 44	11 11	11 36	18 25			n.a.
F 6	12 48	17 55	4 57	20 8	2 6	25 18	3 21	16 13	0 27	0 15	1 12	23 52	1 11	19 7	0 4	23 33	0 14	14 16	4 44	11 14	11 37	18 26			n.a.
S 7	13 8	19 19	4 30	20 40	2 8	25 15	3 15	16 26	0 28	0 10	1 13	23 51	1 11	19 7	0 4	23 33	0 14	14 16	4 44	11 17	11 38	18 27			n.a.
S 8	13 27	19 26	3 47	21 8	2 10	25 12	3 9	16 38	0 29	0 5	1 13	23 51	1 11	19 6	0 4	23 33	0 14	14 16	4 44	11 18	11 39	18 28			n.a.
M 9	13 47	18 18	2 50	21 35	2 11	25 8	3 3	16 51	0 29	0n 1	1 13	23 50	1 11	19 6	0 4	23 33	0 14	14 15	4 44	11 19	11 40	18 28			n.a.
T 10	14 6	16 6	1 45	21 59	2 11	25 3	2 57	17 3	0 30	0 6	1 13	23 50	1 11	19 5	0 4	23 33	0 14	14 15	4 44	11 19	11 41	18 29			n.a.
W11	14 25	13 3	0 35	22 21	2 10	24 57	2 50	17 15	0 30	0 11	1 13	23 49	1 11	19 5	0 4	23 33	0 14	14 15	4 44	11 19	11 42	18 30			n.a.
T 12	14 43	9 23	0n36	22 41	2 9	24 51	2 43	17 27	0 31	0 16	1 13	23 49	1 11	19 4	0 4	23 33	0 14	14 14	4 44	11 19	11 44	18 31			n.a.
F 13	15 2	5 20	1 43	22 58	2 7	24 43	2 35	17 39	0 31	0 21	1 13	23 48	1 11	19 4	0 4	23 33	0 14	14 14	4 44	11 19	11 45	18 32			n.a.
S 14	15 20	1 7	2 43	23 14	2 4	24 35	2 26	17 51	0 32	0 26	1 13	23 48	1 11	19 3	0 4	23 32	0 14	14 14	4 44	11 21	11 46	18 33			n.a.
S 15	15 38	3s 6	3 35	23 27	2 1	24 26	2 18	18 3	0 32	0 31	1 13	23 47	1 11	19 2	0 4	23 32	0 14	14 13	4 44	11 23	11 47	18 33			n.a.
M16	15 56	7 7	4 15	23 39	1 57	24 17	2 9	18 14	0 33	0 36	1 13	23 46	1 10	19 2	0 4	23 32	0 14	14 13	4 43	11 26	11 48	18 34			n.a.
T 17	16 13	10 47	4 43	23 48	1 52	24 6	1 59	18 25	0 33	0 41	1 13	23 46	1 10	19 1	0 4	23 32	0 14	14 13	4 43	11 31	11 49	18 35			n.a.
W18	16 30	13 58	4 58	23 56	1 47	23 55	1 49	18 37	0 34	0 46	1 13	23 45	1 10	19 1	0 4	23 32	0 14	14 13	4 43	11 35	11 50	18 36			n.a.
T 19	16 47	16 32	5 0	24 2	1 41	23 42	1 39	18 48	0 34	0 51	1 13	23 44	1 10	19 0	0 4	23 32	0 14	14 12	4 43	11 40	11 51	18 37			n.a.
F 20	17 4	18 23	4 48	24 6	1 34	23 29	1 28	18 59	0 34	0 56	1 14	23 44	1 10	18 59	0 4	23 32	0 14	14 12	4 43	11 44	11 53	18 38			n.a.
S 21	17 20	19 26	4 24	24 9	1 27	23 16	1 16	19 10	0 35	1 1	1 14	23 43	1 10	18 59	0 4	23 32	0 14	14 12	4 43	11 48	11 54	18 38			n.a.
S 22	17 37	19 38	3 48	24 10	1 19	23 1	1 5	19 20	0 35	1 5	1 14	23 42	1 10	18 58	0 4	23 31	0 14	14 11	4 43	11 50	11 55	18 39			n.a.
M23	17 52	18 57	3 3	24 10	1 11	22 45	0 52	19 31	0 36	1 10	1 14	23 42	1 10	18 58	0 4	23 31	0 14	14 11	4 43	11 52	11 56	18 40			n.a.
T 24	18 8	17 25	2 8	24 8	1 2	22 29	0 40	19 41	0 36	1 15	1 14	23 41	1 10	18 57	0 4	23 31	0 14	14 11	4 43	11 53	11 57	18 41			n.a.
W25	18 23	15 5	1 8	24 4	0 52	22 12	0 27	19 51	0 37	1 19	1 14	23 40	1 10	18 56	0 4	23 31	0 14	14 10	4 43	11 53	11 58	18 42			n.a.
T 26	18 38	12 0	0 2	24 0	0 42	21 55	0 14	20 1	0 37	1 24	1 14	23 39	1 10	18 56	0 4	23 31	0 14	14 10	4 43	11 53	11 59	18 42			n.a.
F 27	18 53	8 16	1s 5	23 54	0 32	21 36	0 1	20 11	0 38	1 29	1 14	23 39	1 10	18 55	0 4	23 31	0 14	14 10	4 42	11 53	12 0	18 43			n.a.
S 28	19 8	4 2	2 11	23 47	0 21	21 17	0s13	20 21	0 38	1 33	1 14	23 38	1 10	18 55	0 4	23 31	0 14	14 10	4 42	11 54	12 2	18 44			n.a.
S 29	19 22	0n34	3 12	23 39	0 9	20 58	0 27	20 31	0 39	1 38	1 14	23 37	1 10	18 54	0 4	23 31	0 14	14 9	4 42	11 55	12 3	18 45			n.a.
M30	19 36	5 17	4 3	23 29	0s 3	20 38	0 41	20 40	0 39	1 42	1 15	23 36	1 10	18 53	0 4	23 30	0 14	14 9	4 42	11 58	12 4	18 46			n.a.
T 31	19n49	9n51	4s40	23n19	0s16	20n17	0s55	20n49	0n40	1n47	1s15	23n35	1n10	18s53	0n 4	23n30	0n14	14s 9	4n42	12n 1	12n 5	18s46			n.a.

Julian Day Number = 1281782.5, Delta T = 08h07m27s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'20, Lahiri = -20°34'20 Julian Calendar 1 May 1204 BCE == Greg. Calendar 20 Apr. 1204 BCE

The year -1203 astronomical counting style corresponds to year 1204 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1204 BCE
geocentric

JUNE 1204 BCE (-1203) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 53 19	27♉58'58	22♉31	22♊34	2°R50	29♉15	7♈26	19♋18	23°R24	12♋12	22°R26	28°R49	28♌45	21♐ 9	n.a.	W 1
T 2	15 57 16	28°56'06	7♊42	23° 5	2♊14	29°54	7°37	19°24	23♏22	12°14	22♏25	28♌38	28°42	21°15	n.a.	T 2
F 3	16 1 13	29°53'13	22°55	23°32	1°37	0♊33	7°49	19°30	23°19	12°15	22°23	28°28	28°39	21°22	n.a.	F 3
S 4	16 5 9	0♊50'21	7♋57	23°55	1° 0	1°11	8° 0	19°35	23°17	12°17	22°21	28°20	28°36	21°29	n.a.	S 4
S 5	16 9 6	1°47'29	22°42	24°14	0°23	1°50	8°11	19°41	23°14	12°19	22°20	28°15	28°32	21°35	n.a.	S 5
M 6	16 13 2	2°44'38	7♌ 4	24°28	29♉45	2°29	8°21	19°47	23°12	12°21	22°18	28°12	28°29	21°42	n.a.	M 6
T 7	16 16 59	3°41'46	21° 0	24°37	29° 9	3° 8	8°32	19°53	23°10	12°23	22°17	28°11	28°26	21°49	n.a.	T 7
W 8	16 20 55	4°38'55	4♍31	24°R42	28°33	3°46	8°43	19°59	23° 7	12°24	22°16	28°11	28°23	21°56	n.a.	W 8
T 9	16 24 52	5°36'04	17°40	24°42	27°57	4°25	8°54	20° 5	23° 5	12°26	22°14	28°10	28°20	22° 2	n.a.	T 9
F 10	16 28 48	6°33'13	0♎30	24°37	27°23	5° 4	9° 4	20°11	23° 2	12°28	22°13	28° 9	28°16	22° 9	n.a.	F 10
S 11	16 32 45	7°30'23	13° 4	24°26	26°50	5°42	9°14	20°17	23° 0	12°30	22°11	28° 5	28°13	22°16	n.a.	S 11
S 12	16 36 42	8°27'33	25°26	24°12	26°19	6°21	9°25	20°23	22°58	12°32	22°10	27°58	28°10	22°22	n.a.	S 12
M13	16 40 38	9°24'44	7♏39	23°52	25°49	7° 0	9°35	20°29	22°55	12°34	22° 8	27°48	28° 7	22°29	n.a.	M13
T 14	16 44 35	10°21'55	19°44	23°28	25°21	7°38	9°45	20°36	22°53	12°36	22° 7	27°37	28° 4	22°36	n.a.	T 14
W15	16 48 31	11°19'08	1♐43	23° 0	24°55	8°17	9°55	20°42	22°51	12°38	22° 5	27°24	28° 1	22°43	n.a.	W15
T 16	16 52 28	12°16'21	13°39	22°27	24°31	8°55	10° 5	20°48	22°49	12°40	22° 4	27°11	27°57	22°49	n.a.	T 16
F 17	16 56 24	13°13'34	25°31	21°51	24° 9	9°34	10°15	20°55	22°46	12°42	22° 3	26°58	27°54	22°56	n.a.	F 17
S 18	17 0 21	14°10'49	7♑22	21°13	23°50	10°12	10°24	21° 1	22°44	12°44	22° 1	26°48	27°51	23° 3	n.a.	S 18
S 19	17 4 17	15° 8'05	19°14	20°31	23°33	10°51	10°34	21° 8	22°42	12°46	22° 0	26°40	27°48	23° 9	n.a.	S 19
M20	17 8 14	16° 5'22	1♒ 8	19°48	23°18	11°29	10°43	21°14	22°40	12°48	21°58	26°35	27°45	23°16	n.a.	M20
T 21	17 12 11	17° 2'39	13°10	19° 4	23° 5	12° 8	10°52	21°21	22°38	12°50	21°57	26°32	27°42	23°23	n.a.	T 21
W22	17 16 7	17°59'59	25°21	18°20	22°55	12°46	11° 2	21°27	22°36	12°52	21°56	26°D31	27°38	23°30	n.a.	W22
T 23	17 20 4	18°57'19	7♓48	17°36	22°47	13°25	11°11	21°34	22°34	12°54	21°54	26°31	27°35	23°36	n.a.	T 23
F 24	17 24 0	19°54'41	20°33	16°53	22°42	14° 3	11°20	21°41	22°31	12°56	21°53	26°R32	27°32	23°43	n.a.	F 24
S 25	17 27 57	20°52'04	3♈43	16°13	22°39	14°42	11°28	21°48	22°29	12°58	21°52	26°31	27°29	23°50	n.a.	S 25
S 26	17 31 53	21°49'28	17°20	15°35	22°D38	15°20	11°37	21°54	22°27	13° 0	21°50	26°28	27°26	23°56	n.a.	S 26
M27	17 35 50	22°46'54	1♉26	15° 2	22°40	15°59	11°46	22° 1	22°25	13° 2	21°49	26°24	27°22	24° 3	n.a.	M27
T 28	17 39 47	23°44'21	16° 0	14°32	22°44	16°37	11°54	22° 8	22°23	13° 4	21°48	26°17	27°19	24°10	n.a.	T 28
W29	17 43 43	24°41'50	0♊57	14° 7	22°50	17°15	12° 2	22°15	22°21	13° 6	21°47	26° 8	27°16	24°17	n.a.	W29
T 30	17 47 40	25♊39'21	16♊10	13♊48	22♉58	17♊54	12♈11	22♋22	22♏20	13♋ 9	21♏46	25♌59	27♌13	24♐23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n 2	13n54	4s59	23n 8	0s29	19n57	1s 9	20n58	0n40	1n51	1s15	23n35	1n10	18s52	0n 4	23n30	0n14	14s 9	4n42	12n 5	12n 6	18s47		n.a.
T 2	20 15	17 5	4 57	22 57	0 42	19 36	1 23	21 7	0 41	1 56	1 15	23 34	1 10	18 52	0 4	23 30	0 14	14 8	4 42	12 8	12 7	18 48		n.a.
F 3	20 28	19 5	4 34	22 44	0 56	19 15	1 37	21 16	0 41	2 0	1 15	23 33	1 10	18 51	0 4	23 30	0 14	14 8	4 42	12 12	12 8	18 49		n.a.
S 4	20 40	19 44	3 52	22 31	1 10	18 54	1 51	21 25	0 41	2 4	1 15	23 32	1 10	18 50	0 4	23 30	0 14	14 8	4 42	12 15	12 9	18 49		n.a.
S 5	20 52	19 0	2 56	22 18	1 25	18 32	2 4	21 33	0 42	2 9	1 15	23 31	1 10	18 50	0 4	23 29	0 14	14 7	4 41	12 17	12 11	18 50		n.a.
M 6	21 3	17 3	1 49	22 4	1 39	18 11	2 18	21 42	0 42	2 13	1 15	23 30	1 10	18 49	0 4	23 29	0 14	14 7	4 41	12 18	12 12	18 51		n.a.
T 7	21 14	14 8	0 38	21 49	1 54	17 51	2 31	21 50	0 43	2 17	1 16	23 29	1 10	18 49	0 4	23 29	0 14	14 7	4 41	12 18	12 13	18 52		n.a.
W 8	21 25	10 32	0n33	21 35	2 9	17 30	2 44	21 58	0 43	2 21	1 16	23 29	1 10	18 48	0 4	23 29	0 14	14 7	4 41	12 18	12 14	18 52		n.a.
T 9	21 36	6 30	1 41	21 20	2 24	17 11	2 56	22 6	0 44	2 25	1 16	23 28	1 10	18 47	0 4	23 29	0 14	14 6	4 41	12 18	12 15	18 53		n.a.
F 10	21 46	2 16	2 42	21 5	2 38	16 51	3 8	22 13	0 44	2 30	1 16	23 27	1 10	18 47	0 4	23 29	0 14	14 6	4 41	12 19	12 16	18 54		n.a.
S 11	21 55	1s58	3 34	20 50	2 53	16 33	3 19	22 21	0 45	2 34	1 16	23 26	1 10	18 46	0 4	23 28	0 14	14 6	4 41	12 20	12 17	18 55		n.a.
S 12	22 5	6 4	4 14	20 36	3 7	16 15	3 30	22 28	0 45	2 38	1 16	23 25	1 10	18 46	0 4	23 28	0 14	14 6	4 40	12 23	12 18	18 55		n.a.
M13	22 14	9 50	4 43	20 21	3 20	15 57	3 41	22 35	0 45	2 41	1 16	23 24	1 10	18 45	0 4	23 28	0 14	14 6	4 40	12 26	12 19	18 56		n.a.
T 14	22 22	13 11	4 58	20 7	3 33	15 41	3 51	22 42	0 46	2 45	1 16	23 23	1 10	18 44	0 4	23 28	0 14	14 5	4 40	12 30	12 21	18 57		n.a.
W15	22 30	15 57	5 0	19 54	3 45	15 26	4 0	22 49	0 46	2 49	1 17	23 22	1 10	18 44	0 4	23 28	0 14	14 5	4 40	12 35	12 22	18 58		n.a.
T 16	22 38	18 3	4 49	19 41	3 56	15 12	4 9	22 55	0 47	2 53	1 17	23 21	1 10	18 43	0 4	23 28	0 14	14 5	4 40	12 39	12 23	18 58		n.a.
F 17	22 46	19 21	4 25	19 29	4 6	14 58	4 17	23 2	0 47	2 57	1 17	23 20	1 10	18 43	0 4	23 27	0 14	14 5	4 40	12 43	12 24	18 59		n.a.
S 18	22 53	19 48	3 50	19 18	4 15	14 46	4 25	23 8	0 48	3 0	1 17	23 19	1 10	18 42	0 4	23 27	0 14	14 4	4 39	12 47	12 25	19 0		n.a.
S 19	22 59	19 23	3 4	19 7	4 23	14 35	4 32	23 14	0 48	3 4	1 17	23 18	1 10	18 42	0 4	23 27	0 14	14 4	4 39	12 50	12 26	19 1		n.a.
M20	23 6	18 7	2 11	18 58	4 29	14 25	4 38	23 20	0 48	3 8	1 17	23 17	1 10	18 41	0 4	23 27	0 14	14 4	4 39	12 52	12 27	19 1		n.a.
T 21	23 12	16 1	1 10	18 50	4 33	14 16	4 44	23 26	0 49	3 11	1 17	23 16	1 10	18 41	0 4	23 27	0 14	14 4	4 39	12 53	12 28	19 2		n.a.
W22	23 17	13 11	0 6	18 44	4 36	14 8	4 50	23 31	0 49	3 15	1 18	23 15	1 10	18 40	0 4	23 26	0 14	14 4	4 39	12 53	12 30	19 3		n.a.
T 23	23 22	9 42	1s 0	18 39	4 37	14 1	4 55	23 36	0 50	3 18	1 18	23 14	1 10	18 39	0 4	23 26	0 14	14 4	4 39	12 53	12 31	19 3		n.a.
F 24	23 27	5 42	2 4	18 36	4 36	13 56	4 59	23 42	0 50	3 22	1 18	23 13	1 10	18 39	0 4	23 26	0 14	14 3	4 38	12 53	12 32	19 4		n.a.
S 25	23 31	1 19	3 5	18 34	4 34	13 51	5 3	23 47	0 51	3 25	1 18	23 12	1 10	18 38	0 3	23 26	0 14	14 3	4 38	12 53	12 33	19 5		n.a.
S 26	23 35	3n17	3 57	18 35	4 29	13 48	5 7	23 51	0 51	3 28	1 18	23 10	1 10	18 38	0 3	23 26	0 14	14 3	4 38	12 54	12 34	19 6		n.a.
M27	23 38	7 51	4 36	18 37	4 24	13 45	5 9	23 56	0 51	3 31	1 18	23 9	1 10	18 37	0 3	23 25	0 14	14 3	4 38	12 56	12 35	19 6		n.a.
T 28	23 41	12 7	4 59	18 41	4 16	13 44	5 12	24 0	0 52	3 35	1 19	23 8	1 10	18 37	0 3	23 25	0 14	14 3	4 38	12 58	12 36	19 7		n.a.
W29	23 44	15 45	5 3	18 47	4 7	13 43	5 14	24 5	0 52	3 38	1 19	23 7	1 10	18 36	0 3	23 25	0 14	14 3	4 38	13 1	12 37	19 8		n.a.
T 30	23n46	18n22	4s46	18n55	3s57	13n44	5s16	24n 9	0n53	3n41	1s19	23n 6	1n10	18s36	0n 3	23n25	0n15	14s 3	4n37	13n 4	12n38	19s 8		n.a.

Julian Day Number = 1281813.5, Delta T = 08h07m25s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'16, Lahiri = -20°34'16 Julian Calendar 1 June 1204 BCE == Greg. Calendar 21 May 1204 BCE

The year -1203 astronomical counting style corresponds to year 1204 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1204 BCE
geocentric

JULY 1204 BCE (-1203) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 51 36	26♊36'52	1♋28	13°R35	23♉ 9	18♊32	12♈19	22♋29	22°R18	13♋11	21°R44	25°R51	27♌10	24♐30	n.a.	F 1
S 2	17 55 33	27°34'25	16°40	13♊28	23°21	19°10	12°26	22°36	22♏16	13°13	21♏43	25♌44	27° 7	24°37	n.a.	S 2
S 3	17 59 29	28°31'59	1♌36	13°D28	23°36	19°49	12°34	22°43	22°14	13°15	21°42	25°40	27° 3	24°43	n.a.	S 3
M 4	18 3 26	29°29'35	16° 8	13°35	23°52	20°27	12°42	22°50	22°12	13°17	21°41	25°37	27° 0	24°50	n.a.	M 4
T 5	18 7 22	0♋27'11	0♍14	13°48	24°11	21° 5	12°49	22°57	22°11	13°19	21°40	25°D37	26°57	24°57	n.a.	T 5
W 6	18 11 19	1°24'48	13°52	14° 9	24°31	21°44	12°57	23° 4	22° 9	13°22	21°39	25°38	26°54	25° 3	n.a.	W 6
T 7	18 15 16	2°22'27	27° 4	14°37	24°53	22°22	13° 4	23°11	22° 7	13°24	21°38	25°R39	26°51	25°10	n.a.	T 7
F 8	18 19 12	3°20'07	9♎54	15°11	25°16	23° 0	13°11	23°19	22° 6	13°26	21°37	25°39	26°47	25°17	n.a.	F 8
S 9	18 23 9	4°17'48	22°25	15°53	25°42	23°39	13°18	23°26	22° 4	13°28	21°36	25°37	26°44	25°24	n.a.	S 9
S 10	18 27 5	5°15'30	4♏42	16°42	26° 9	24°17	13°24	23°33	22° 2	13°30	21°35	25°33	26°41	25°30	n.a.	S 10
M11	18 31 2	6°13'13	16°48	17°38	26°37	24°55	13°31	23°40	22° 1	13°33	21°34	25°27	26°38	25°37	n.a.	M11
T 12	18 34 58	7°10'58	28°47	18°40	27° 7	25°33	13°37	23°47	21°59	13°35	21°33	25°20	26°35	25°44	n.a.	T 12
W13	18 38 55	8° 8'45	10♐41	19°48	27°38	26°11	13°44	23°55	21°58	13°37	21°32	25°11	26°32	25°50	n.a.	W13
T 14	18 42 51	9° 6'33	22°33	21° 2	28°11	26°50	13°50	24° 2	21°57	13°39	21°31	25° 2	26°28	25°57	n.a.	T 14
F 15	18 46 48	10° 4'22	4♑24	22°22	28°45	27°28	13°56	24° 9	21°55	13°41	21°30	24°54	26°25	26° 4	n.a.	F 15
S 16	18 50 45	11° 2'14	16°18	23°48	29°21	28° 6	14° 1	24°17	21°54	13°44	21°29	24°47	26°22	26°11	n.a.	S 16
S 17	18 54 41	12° 0'06	28°14	25°18	29°57	28°44	14° 7	24°24	21°53	13°46	21°28	24°42	26°19	26°17	n.a.	S 17
M18	18 58 38	12°58'01	10♒16	26°53	0♊35	29°22	14°13	24°31	21°51	13°48	21°27	24°39	26°16	26°24	n.a.	M18
T 19	19 2 34	13°55'58	22°25	28°32	1°14	0♋ 1	14°18	24°39	21°50	13°50	21°27	24°D38	26°13	26°31	n.a.	T 19
W20	19 6 31	14°53'56	4♓44	0♋15	1°55	0°39	14°23	24°46	21°49	13°53	21°26	24°38	26° 9	26°37	n.a.	W20
T 21	19 10 27	15°51'56	17°16	2° 1	2°36	1°17	14°28	24°54	21°48	13°55	21°25	24°40	26° 6	26°44	n.a.	T 21
F 22	19 14 24	16°49'59	0♈ 5	3°50	3°18	1°55	14°33	25° 1	21°47	13°57	21°24	24°41	26° 3	26°51	n.a.	F 22
S 23	19 18 20	17°48'03	13°13	5°41	4° 1	2°33	14°37	25° 8	21°46	13°59	21°24	24°R42	26° 0	26°57	n.a.	S 23
S 24	19 22 17	18°46'09	26°45	7°34	4°46	3°11	14°42	25°16	21°45	14° 1	21°23	24°42	25°57	27° 4	n.a.	S 24
M25	19 26 14	19°44'18	10♉42	9°28	5°31	3°49	14°46	25°23	21°44	14° 4	21°22	24°40	25°53	27°11	n.a.	M25
T 26	19 30 10	20°42'29	25° 2	11°23	6°17	4°28	14°50	25°31	21°43	14° 6	21°22	24°37	25°50	27°18	n.a.	T 26
W27	19 34 7	21°40'42	9♊45	13°19	7° 4	5° 6	14°54	25°38	21°42	14° 8	21°21	24°33	25°47	27°24	n.a.	W27
T 28	19 38 3	22°38'58	24°44	15°16	7°52	5°44	14°58	25°46	21°41	14°10	21°21	24°28	25°44	27°31	n.a.	T 28
F 29	19 42 0	23°37'15	9♋51	17°13	8°40	6°22	15° 1	25°53	21°41	14°13	21°20	24°24	25°41	27°38	n.a.	F 29
S 30	19 45 56	24°35'35	24°57	19° 9	9°30	7° 0	15° 5	26° 1	21°40	14°15	21°20	24°21	25°38	27°44	n.a.	S 30
S 31	19 49 53	25♋33'56	9♌52	21♋ 6	10♊20	7♋38	15♈ 8	26♋ 8	21♏39	14♋17	21♏19	24♌19	25♌34	27♐51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n47	19n42	4s 8	19n 4	3s46	13n45	5s17	24n13	0n53	3n44	1s19	23n 5	1n10	18s35	0n 3	23n25	0n15	14s 2	4n37	13n 7	12n39	19s 9		n.a.
S 2	23 49	19 35	3 13	19 16	3 33	13 47	5 18	24 16	0 53	3 47	1 19	23 4	1 10	18 35	0 3	23 24	0 15	14 2	4 37	13 9	12 41	19 10		n.a.
S 3	23 50	18 6	2 5	19 29	3 20	13 50	5 18	24 20	0 54	3 50	1 20	23 3	1 10	18 35	0 3	23 24	0 15	14 2	4 37	13 11	12 42	19 10		n.a.
M 4	23 50	15 27	0 51	19 44	3 6	13 54	5 19	24 23	0 54	3 53	1 20	23 1	1 10	18 34	0 3	23 24	0 15	14 2	4 37	13 11	12 43	19 11		n.a.
T 5	23 50	11 58	0n25	20 0	2 51	13 59	5 19	24 26	0 54	3 55	1 20	23 0	1 10	18 34	0 3	23 24	0 15	14 2	4 36	13 11	12 44	19 12		n.a.
W 6	23 50	7 56	1 36	20 18	2 36	14 4	5 18	24 29	0 55	3 58	1 20	22 59	1 10	18 33	0 3	23 24	0 15	14 2	4 36	13 11	12 45	19 12		n.a.
T 7	23 49	3 38	2 41	20 37	2 20	14 10	5 17	24 32	0 55	4 1	1 20	22 58	1 11	18 33	0 3	23 23	0 15	14 2	4 36	13 11	12 46	19 13		n.a.
F 8	23 48	0s42	3 35	20 56	2 4	14 17	5 16	24 34	0 56	4 3	1 20	22 57	1 11	18 32	0 3	23 23	0 15	14 2	4 36	13 11	12 47	19 14		n.a.
S 9	23 46	4 53	4 17	21 17	1 48	14 24	5 15	24 37	0 56	4 6	1 21	22 55	1 11	18 32	0 3	23 23	0 15	14 2	4 36	13 12	12 48	19 14		n.a.
S 10	23 44	8 48	4 47	21 37	1 32	14 32	5 14	24 39	0 56	4 8	1 21	22 54	1 11	18 32	0 3	23 23	0 15	14 2	4 35	13 13	12 49	19 15		n.a.
M11	23 41	12 17	5 4	21 59	1 17	14 40	5 12	24 41	0 57	4 11	1 21	22 53	1 11	18 31	0 3	23 23	0 15	14 2	4 35	13 15	12 51	19 16		n.a.
T 12	23 38	15 14	5 7	22 20	1 1	14 49	5 10	24 43	0 57	4 13	1 21	22 52	1 11	18 31	0 3	23 22	0 15	14 1	4 35	13 17	12 52	19 16		n.a.
W13	23 35	17 32	4 56	22 40	0 46	14 58	5 8	24 44	0 58	4 15	1 21	22 50	1 11	18 30	0 3	23 22	0 15	14 1	4 35	13 20	12 53	19 17		n.a.
T 14	23 31	19 5	4 33	23 1	0 31	15 7	5 5	24 46	0 58	4 18	1 22	22 49	1 11	18 30	0 3	23 22	0 15	14 1	4 35	13 23	12 54	19 18		n.a.
F 15	23 27	19 48	3 58	23 20	0 17	15 17	5 3	24 47	0 58	4 20	1 22	22 48	1 11	18 30	0 3	23 22	0 15	14 1	4 34	13 26	12 55	19 18		n.a.
S 16	23 22	19 38	3 12	23 38	0 3	15 28	5 0	24 48	0 59	4 22	1 22	22 47	1 11	18 29	0 3	23 21	0 15	14 1	4 34	13 29	12 56	19 19		n.a.
S 17	23 17	18 36	2 18	23 55	0n10	15 38	4 57	24 49	0 59	4 24	1 22	22 45	1 11	18 29	0 3	23 21	0 15	14 1	4 34	13 30	12 57	19 19		n.a.
M18	23 11	16 43	1 17	24 10	0 23	15 49	4 54	24 49	0 59	4 26	1 22	22 44	1 11	18 29	0 3	23 21	0 15	14 1	4 34	13 31	12 58	19 20		n.a.
T 19	23 6	14 5	0 12	24 24	0 34	16 0	4 51	24 50	1 0	4 28	1 23	22 43	1 11	18 28	0 3	23 21	0 15	14 1	4 34	13 32	12 59	19 21		n.a.
W20	22 59	10 47	0s55	24 35	0 45	16 12	4 47	24 50	1 0	4 30	1 23	22 42	1 11	18 28	0 3	23 21	0 15	14 1	4 33	13 32	13 0	19 21		n.a.
T 21	22 52	6 57	2 0	24 44	0 55	16 23	4 44	24 50	1 0	4 31	1 23	22 40	1 11	18 28	0 3	23 20	0 15	14 1	4 33	13 31	13 1	19 22		n.a.
F 22	22 45	2 44	3 1	24 51	1 4	16 35	4 40	24 50	1 1	4 33	1 23	22 39	1 11	18 28	0 3	23 20	0 15	14 1	4 33	13 31	13 3	19 23		n.a.
S 23	22 38	1n43	3 54	24 55	1 12	16 47	4 36	24 50	1 1	4 35	1 23	22 38	1 11	18 27	0 3	23 20	0 15	14 2	4 33	13 30	13 4	19 23		n.a.
S 24	22 30	6 12	4 36	24 56	1 20	16 59	4 32	24 49	1 2	4 36	1 24	22 36	1 11	18 27	0 3	23 20	0 15	14 2	4 32	13 30	13 5	19 24		n.a.
M25	22 21	10 29	5 3	24 55	1 26	17 11	4 28	24 49	1 2	4 38	1 24	22 35	1 11	18 27	0 3	23 19	0 15	14 2	4 32	13 31	13 6	19 24		n.a.
T 26	22 13	14 18	5 12	24 51	1 32	17 23	4 24	24 48	1 2	4 39	1 24	22 34	1 11	18 27	0 3	23 19	0 15	14 2	4 32	13 32	13 7	19 25		n.a.
W27	22 3	17 19	5 1	24 45	1 36	17 35	4 20	24 47	1 3	4 40	1 24	22 32	1 12	18 26	0 3	23 19	0 15	14 2	4 32	13 33	13 8	19 26		n.a.
T 28	21 54	19 14	4 30	24 36	1 40	17 47	4 15	24 45	1 3	4 42	1 24	22 31	1 12	18 26	0 3	23 19	0 15	14 2	4 31	13 35	13 9	19 26		n.a.
F 29	21 44	19 49	3 40	24 25	1 43	17 59	4 11	24 44	1 3	4 43	1 25	22 30	1 12	18 26	0 3	23 19	0 15	14 2	4 31	13 36	13 10	19 27		n.a.
S 30	21 33	18 58	2 34	24 11	1 46	18 11	4 6	24 42	1 4	4 44	1 25	22 28	1 12	18 26	0 3	23 18	0 15	14 2	4 31	13 37	13 11	19 27		n.a.
S 31	21n23	16n49	1s18	23n55	1n47	18n23	4s 2	24n41	1n 4	4n45	1s25	22n27	1n12	18s26	0n 3	23n18	0n15	14s 2	4n31	13n38	13n12	19s28		n.a.

Julian Day Number = 1281843.5, Delta T = 08h07m24s
Ecliptic obliquity = 23°50'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'12, Lahiri = -20°34'12 Julian Calendar 1 July 1204 BCE == Greg. Calendar 20 June 1204 BCE

The year -1203 astronomical counting style corresponds to year 1204 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1204 BCE
geocentric

AUGUST 1204 BCE (-1203) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 53 49	26♋32'19	24♌28	23♋ 1	11♊11	8♋16	15♈11	26♋16	21°R39	14♋19	21°R19	24°D18	25♌31	27♐58	n.a.	M 1
T 2	19 57 46	27°30'44	8♍40	24°57	12° 2	8°54	15°13	26°23	21♏38	14°21	21♏18	24♌18	25°28	28° 5	n.a.	T 2
W 3	20 1 42	28°29'11	22°25	26°51	12°54	9°32	15°16	26°31	21°38	14°24	21°18	24°20	25°25	28°11	n.a.	W 3
T 4	20 5 39	29°27'40	5♎44	28°45	13°47	10°10	15°18	26°38	21°37	14°26	21°18	24°21	25°22	28°18	n.a.	T 4
F 5	20 9 36	0♌26'10	18°38	0♌38	14°40	10°48	15°21	26°46	21°37	14°28	21°17	24°23	25°19	28°25	n.a.	F 5
S 6	20 13 32	1°24'42	1♏12	2°30	15°35	11°26	15°23	26°53	21°37	14°30	21°17	24°R23	25°15	28°31	n.a.	S 6
S 7	20 17 29	2°23'16	13°29	4°21	16°29	12° 4	15°24	27° 1	21°36	14°32	21°17	24°23	25°12	28°38	n.a.	S 7
M 8	20 21 25	3°21'52	25°33	6°11	17°24	12°42	15°26	27° 8	21°36	14°34	21°17	24°21	25° 9	28°45	n.a.	M 8
T 9	20 25 22	4°20'30	7♐29	8° 0	18°20	13°20	15°28	27°15	21°36	14°36	21°16	24°19	25° 6	28°51	n.a.	T 9
W10	20 29 18	5°19'09	19°22	9°48	19°16	13°59	15°29	27°23	21°36	14°39	21°16	24°16	25° 3	28°58	n.a.	W10
T 11	20 33 15	6°17'51	1♑13	11°35	20°13	14°37	15°30	27°30	21°36	14°41	21°16	24°13	24°59	29° 5	n.a.	T 11
F 12	20 37 11	7°16'34	13° 6	13°21	21°10	15°15	15°31	27°38	21°D36	14°43	21°16	24°10	24°56	29°12	n.a.	F 12
S 13	20 41 8	8°15'20	25° 5	15° 6	22° 8	15°53	15°31	27°45	21°36	14°45	21°16	24° 8	24°53	29°18	n.a.	S 13
S 14	20 45 5	9°14'07	7♒ 9	16°50	23° 6	16°31	15°32	27°52	21°36	14°47	21°16	24° 7	24°50	29°25	n.a.	S 14
M15	20 49 1	10°12'57	19°23	18°33	24° 5	17° 8	15°32	28° 0	21°36	14°49	21°D16	24°D 6	24°47	29°32	n.a.	M15
T 16	20 52 58	11°11'49	1♓46	20°15	25° 4	17°46	15°R32	28° 7	21°36	14°51	21°16	24° 6	24°44	29°38	n.a.	T 16
W17	20 56 54	12°10'43	14°20	21°55	26° 4	18°24	15°32	28°15	21°36	14°53	21°16	24° 7	24°40	29°45	n.a.	W17
T 18	21 0 51	13° 9'39	27° 7	23°35	27° 4	19° 2	15°32	28°22	21°36	14°55	21°16	24° 8	24°37	29°52	n.a.	T 18
F 19	21 4 47	14° 8'38	10♈ 8	25°15	28° 4	19°40	15°31	28°29	21°37	14°57	21°16	24° 9	24°34	29°58	n.a.	F 19
S 20	21 8 44	15° 7'39	23°25	26°53	29° 5	20°18	15°30	28°36	21°37	14°59	21°16	24° 9	24°31	0♑ 5	n.a.	S 20
S 21	21 12 40	16° 6'43	6♉59	28°30	0♋ 6	20°56	15°29	28°44	21°37	15° 1	21°17	24°10	24°28	0°12	n.a.	S 21
M22	21 16 37	17° 5'49	20°50	0♍ 6	1° 8	21°34	15°28	28°51	21°38	15° 3	21°17	24°R10	24°25	0°18	n.a.	M22
T 23	21 20 33	18° 4'57	4♊58	1°42	2°10	22°12	15°27	28°58	21°38	15° 5	21°17	24°10	24°21	0°25	n.a.	T 23
W24	21 24 30	19° 4'09	19°22	3°16	3°12	22°50	15°25	29° 5	21°39	15° 7	21°17	24° 9	24°18	0°32	n.a.	W24
T 25	21 28 27	20° 3'22	3♋58	4°50	4°15	23°28	15°23	29°13	21°40	15° 9	21°18	24° 9	24°15	0°39	n.a.	T 25
F 26	21 32 23	21° 2'39	18°42	6°23	5°18	24° 6	15°21	29°20	21°40	15°11	21°18	24° 8	24°12	0°45	n.a.	F 26
S 27	21 36 20	22° 1'57	3♌26	7°55	6°21	24°44	15°19	29°27	21°41	15°13	21°18	24° 8	24° 9	0°52	n.a.	S 27
S 28	21 40 16	23° 1'18	18° 5	9°27	7°25	25°22	15°17	29°34	21°42	15°14	21°19	24°D 8	24° 5	0°59	n.a.	S 28
M29	21 44 13	24° 0'41	2♍31	10°57	8°29	26° 0	15°14	29°41	21°43	15°16	21°19	24°R 8	24° 2	1° 5	n.a.	M29
T 30	21 48 9	25° 0'06	16°39	12°27	9°33	26°38	15°12	29°48	21°44	15°18	21°20	24° 8	23°59	1°12	n.a.	T 30
W31	21 52 6	25♌59'33	0♎24	13♍55	10♋38	27♋16	15♈ 9	29♋55	21♏45	15♋20	21♏20	24♌ 8	23♌56	1♑19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21n12	13n36	0n 1	23n37	1n48	18n35	3s57	24n39	1n 4	4n46	1s25	22n25	1n12	18s26	0n 3	23n18	0n15	14s 2	4n31	13n38	13n13	19s28			n.a.
T 2	21 0	9 40	1 18	23 16	1 48	18 46	3 52	24 36	1 5	4 47	1 25	22 24	1 12	18 25	0 3	23 18	0 15	14 2	4 30	13 38	13 15	19 29			n.a.
W 3	20 48	5 19	2 28	22 54	1 48	18 58	3 48	24 34	1 5	4 48	1 26	22 23	1 12	18 25	0 3	23 17	0 15	14 3	4 30	13 38	13 16	19 30			n.a.
T 4	20 36	0 52	3 28	22 30	1 47	19 9	3 43	24 31	1 5	4 48	1 26	22 21	1 12	18 25	0 3	23 17	0 15	14 3	4 30	13 37	13 17	19 30			n.a.
F 5	20 23	3s29	4 16	22 4	1 46	19 20	3 38	24 29	1 6	4 49	1 26	22 20	1 12	18 25	0 3	23 17	0 15	14 3	4 30	13 37	13 18	19 31			n.a.
S 6	20 10	7 34	4 50	21 36	1 44	19 31	3 33	24 26	1 6	4 50	1 26	22 19	1 12	18 25	0 3	23 17	0 15	14 3	4 29	13 37	13 19	19 31			n.a.
S 7	19 57	11 14	5 9	21 8	1 41	19 42	3 28	24 23	1 6	4 50	1 26	22 17	1 12	18 25	0 3	23 17	0 15	14 3	4 29	13 37	13 20	19 32			n.a.
M 8	19 44	14 22	5 15	20 37	1 38	19 52	3 23	24 19	1 7	4 51	1 27	22 16	1 12	18 25	0 3	23 16	0 15	14 3	4 29	13 37	13 21	19 32			n.a.
T 9	19 30	16 53	5 7	20 6	1 35	20 2	3 18	24 16	1 7	4 51	1 27	22 14	1 13	18 25	0 3	23 16	0 15	14 3	4 29	13 38	13 22	19 33			n.a.
W10	19 15	18 39	4 45	19 33	1 31	20 12	3 12	24 12	1 7	4 51	1 27	22 13	1 13	18 25	0 3	23 16	0 15	14 4	4 28	13 39	13 23	19 34			n.a.
T 11	19 0	19 38	4 12	18 59	1 27	20 21	3 7	24 8	1 8	4 52	1 27	22 12	1 13	18 25	0 3	23 16	0 15	14 4	4 28	13 40	13 24	19 34			n.a.
F 12	18 45	19 44	3 28	18 25	1 23	20 31	3 2	24 4	1 8	4 52	1 28	22 10	1 13	18 25	0 3	23 15	0 15	14 4	4 28	13 41	13 25	19 35			n.a.
S 13	18 30	18 57	2 34	17 49	1 18	20 39	2 57	24 0	1 8	4 52	1 28	22 9	1 13	18 25	0 3	23 15	0 15	14 4	4 28	13 42	13 26	19 35			n.a.
S 14	18 14	17 18	1 32	17 13	1 13	20 48	2 52	23 56	1 9	4 52	1 28	22 7	1 13	18 25	0 3	23 15	0 15	14 5	4 27	13 42	13 28	19 36			n.a.
M15	17 58	14 51	0 26	16 36	1 8	20 56	2 46	23 51	1 9	4 52	1 28	22 6	1 13	18 25	0 3	23 15	0 15	14 5	4 27	13 42	13 29	19 36			n.a.
T 16	17 42	11 41	0s42	15 58	1 2	21 4	2 41	23 47	1 9	4 51	1 28	22 4	1 13	18 25	0 3	23 15	0 15	14 5	4 27	13 42	13 30	19 37			n.a.
W17	17 26	7 57	1 50	15 19	0 57	21 11	2 36	23 42	1 10	4 51	1 29	22 3	1 13	18 25	0 3	23 14	0 15	14 5	4 27	13 42	13 31	19 37			n.a.
T 18	17 9	3 48	2 53	14 41	0 51	21 18	2 30	23 37	1 10	4 51	1 29	22 2	1 13	18 25	0 3	23 14	0 15	14 5	4 26	13 42	13 32	19 38			n.a.
F 19	16 51	0n35	3 48	14 1	0 45	21 24	2 25	23 31	1 10	4 51	1 29	22 0	1 14	18 25	0 3	23 14	0 15	14 6	4 26	13 42	13 33	19 38			n.a.
S 20	16 34	5 1	4 33	13 21	0 38	21 30	2 20	23 26	1 10	4 50	1 29	21 59	1 14	18 25	0 3	23 14	0 15	14 6	4 26	13 41	13 34	19 39			n.a.
S 21	16 16	9 18	5 3	12 41	0 32	21 36	2 14	23 20	1 11	4 49	1 29	21 57	1 14	18 25	0 3	23 14	0 15	14 6	4 26	13 41	13 35	19 39			n.a.
M22	15 58	13 10	5 17	12 1	0 25	21 41	2 9	23 15	1 11	4 49	1 30	21 56	1 14	18 26	0 3	23 13	0 15	14 7	4 26	13 41	13 36	19 40			n.a.
T 23	15 40	16 22	5 12	11 20	0 19	21 45	2 4	23 9	1 11	4 48	1 30	21 55	1 14	18 26	0 3	23 13	0 15	14 7	4 25	13 41	13 37	19 40			n.a.
W24	15 21	18 38	4 47	10 39	0 12	21 49	1 59	23 3	1 12	4 47	1 30	21 53	1 14	18 26	0 3	23 13	0 15	14 7	4 25	13 41	13 38	19 41			n.a.
T 25	15 2	19 43	4 4	9 58	0 5	21 53	1 53	22 56	1 12	4 46	1 30	21 52	1 14	18 26	0 3	23 13	0 15	14 8	4 25	13 42	13 39	19 41			n.a.
F 26	14 43	19 28	3 4	9 17	0s 2	21 56	1 48	22 50	1 12	4 46	1 30	21 50	1 14	18 26	0 3	23 13	0 15	14 8	4 25	13 42	13 40	19 42			n.a.
S 27	14 24	17 53	1 52	8 36	0 9	21 58	1 43	22 43	1 13	4 45	1 30	21 49	1 14	18 27	0 3	23 12	0 15	14 8	4 24	13 42	13 42	19 42			n.a.
S 28	14 4	15 8	0 34	7 54	0 16	22 0	1 38	22 37	1 13	4 43	1 31	21 48	1 15	18 27	0 3	23 12	0 15	14 9	4 24	13 42	13 43	19 43			n.a.
M29	13 44	11 28	0n46	7 13	0 23	22 1	1 32	22 30	1 13	4 42	1 31	21 46	1 15	18 27	0 3	23 12	0 15	14 9	4 24	13 42	13 44	19 43			n.a.
T 30	13 24	7 13	2 2	6 32	0 31	22 2	1 27	22 23	1 13	4 41	1 31	21 45	1 15	18 27	0 3	23 12	0 15	14 9	4 24	13 42	13 45	19 44			n.a.
W31	13n 4	2n42	3n 8	5n51	0s38	22n 2	1s22	22n15	1n14	4n40	1s31	21n43	1n15	18s27	0n 3	23n12	0n15	14s10	4n23	13n42	13n46	19s44			n.a.

Julian Day Number = 1281874.5, Delta T = 08h07m22s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'08, Lahiri = -20°34'07 Julian Calendar 1 Aug. 1204 BCE == Greg. Calendar 21 July 1204 BCE

The year -1203 astronomical counting style corresponds to year 1204 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1204 BCE
geocentric

SEPTEMBER 1204 BCE (-1203) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 56 2	26♌59'02	13♎47	15♍23	11♋42	27♋54	15°R 5	0♌ 2	21♏46	15♋22	21♏21	24°R 8	23♌53	1♑25	n.a.	T 1
F 2	21 59 59	27°58'33	26°45	16°51	12°48	28°32	15♈ 2	0° 9	21°47	15°23	21°21	24♌ 7	23°50	1°32	n.a.	F 2
S 3	22 3 55	28°58'06	9♏23	18°17	13°53	29°10	14°59	0°16	21°48	15°25	21°22	24° 7	23°46	1°39	n.a.	S 3
S 4	22 7 52	29°57'41	21°42	19°42	14°58	29°48	14°55	0°23	21°49	15°27	21°23	24° 6	23°43	1°46	n.a.	S 4
M 5	22 11 49	0♍57'18	3♐48	21° 7	16° 4	0♌26	14°51	0°29	21°50	15°29	21°23	24°D 6	23°40	1°52	n.a.	M 5
T 6	22 15 45	1°56'57	15°44	22°30	17°10	1° 3	14°47	0°36	21°51	15°30	21°24	24° 7	23°37	1°59	n.a.	T 6
W 7	22 19 42	2°56'38	27°36	23°53	18°17	1°41	14°43	0°43	21°52	15°32	21°25	24° 7	23°34	2° 6	n.a.	W 7
T 8	22 23 38	3°56'21	9♑27	25°15	19°23	2°19	14°38	0°50	21°54	15°33	21°25	24° 8	23°30	2°12	n.a.	T 8
F 9	22 27 35	4°56'05	21°23	26°35	20°30	2°57	14°33	0°56	21°55	15°35	21°26	24° 9	23°27	2°19	n.a.	F 9
S 10	22 31 31	5°55'52	3♒26	27°55	21°37	3°35	14°29	1° 3	21°57	15°37	21°27	24°10	23°24	2°26	n.a.	S 10
S 11	22 35 28	6°55'40	15°40	29°13	22°45	4°13	14°24	1° 9	21°58	15°38	21°28	24°11	23°21	2°32	n.a.	S 11
M12	22 39 24	7°55'31	28° 7	0♓30	23°52	4°51	14°19	1°16	22° 0	15°40	21°29	24°R11	23°18	2°39	n.a.	M12
T 13	22 43 21	8°55'23	10♓48	1°45	25° 0	5°29	14°13	1°22	22° 1	15°41	21°30	24°11	23°15	2°46	n.a.	T 13
W14	22 47 18	9°55'18	23°43	3° 0	26° 8	6° 6	14° 8	1°29	22° 3	15°43	21°30	24° 9	23°11	2°52	n.a.	W14
T 15	22 51 14	10°55'14	6♈53	4°12	27°16	6°44	14° 2	1°35	22° 4	15°44	21°31	24° 7	23° 8	2°59	n.a.	T 15
F 16	22 55 11	11°55'13	20°17	5°23	28°24	7°22	13°56	1°41	22° 6	15°46	21°32	24° 5	23° 5	3° 6	n.a.	F 16
S 17	22 59 7	12°55'15	3♉53	6°32	29°33	8° 0	13°50	1°48	22° 8	15°47	21°33	24° 2	23° 2	3°13	n.a.	S 17
S 18	23 3 4	13°55'18	17°41	7°38	0♌41	8°38	13°44	1°54	22°10	15°48	21°34	24° 0	22°59	3°19	n.a.	S 18
M19	23 7 0	14°55'24	1♊37	8°43	1°50	9°16	13°38	2° 0	22°12	15°50	21°35	23°58	22°56	3°26	n.a.	M19
T 20	23 10 57	15°55'32	15°42	9°45	3° 0	9°54	13°32	2° 6	22°14	15°51	21°37	23°D58	22°52	3°33	n.a.	T 20
W21	23 14 53	16°55'43	29°53	10°44	4° 9	10°32	13°25	2°12	22°15	15°52	21°38	23°58	22°49	3°39	n.a.	W21
T 22	23 18 50	17°55'55	14♋ 8	11°39	5°18	11° 9	13°18	2°18	22°17	15°54	21°39	23°59	22°46	3°46	n.a.	T 22
F 23	23 22 46	18°56'10	28°25	12°32	6°28	11°47	13°12	2°24	22°19	15°55	21°40	24° 1	22°43	3°53	n.a.	F 23
S 24	23 26 43	19°56'28	12♌41	13°20	7°38	12°25	13° 5	2°30	22°22	15°56	21°41	24° 2	22°40	3°59	n.a.	S 24
S 25	23 30 40	20°56'47	26°53	14° 4	8°48	13° 3	12°58	2°36	22°24	15°57	21°42	24°R 2	22°36	4° 6	n.a.	S 25
M26	23 34 36	21°57'08	10♍56	14°43	9°58	13°41	12°51	2°41	22°26	15°58	21°44	24° 1	22°33	4°13	n.a.	M26
T 27	23 38 33	22°57'31	24°47	15°17	11° 8	14°19	12°43	2°47	22°28	15°59	21°45	23°59	22°30	4°19	n.a.	T 27
W28	23 42 29	23°57'56	8♎22	15°45	12°18	14°56	12°36	2°53	22°30	16° 1	21°46	23°55	22°27	4°26	n.a.	W28
T 29	23 46 26	24°58'23	21°38	16° 5	13°29	15°34	12°29	2°58	22°33	16° 2	21°48	23°50	22°24	4°33	n.a.	T 29
F 30	23 50 22	25♍58'52	4♏35	16♎19	14♌40	16♌12	12♈21	3♌ 4	22♏35	16♋ 3	21♏49	23♌44	22♌21	4♑40	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n43	1s49	4n 2	5n10	0s45	22n 2	1s17	22n 8	1n14	4n38	1s31	21n42	1n15	18s28	0n 3	23n11	0n15	14s10	4n23	13n42	13n47	19s45		n.a.
F 2	12 22	6 6	4 42	4 29	0 52	22 1	1 12	22 0	1 14	4 37	1 31	21 41	1 15	18 28	0 3	23 11	0 15	14 10	4 23	13 42	13 48	19 45		n.a.
S 3	12 1	10 1	5 7	3 48	0 59	22 0	1 7	21 53	1 15	4 35	1 32	21 39	1 15	18 28	0 3	23 11	0 15	14 11	4 23	13 42	13 49	19 46		n.a.
S 4	11 40	13 23	5 17	3 7	1 7	21 58	1 2	21 45	1 15	4 34	1 32	21 38	1 15	18 29	0 3	23 11	0 15	14 11	4 22	13 42	13 50	19 46		n.a.
M 5	11 19	16 8	5 13	2 27	1 14	21 55	0 57	21 37	1 15	4 32	1 32	21 36	1 16	18 29	0 3	23 11	0 15	14 11	4 22	13 42	13 51	19 47		n.a.
T 6	10 57	18 10	4 55	1 47	1 21	21 51	0 52	21 29	1 15	4 30	1 32	21 35	1 16	18 29	0 3	23 10	0 15	14 12	4 22	13 42	13 52	19 47		n.a.
W 7	10 36	19 24	4 25	1 8	1 28	21 48	0 47	21 20	1 16	4 29	1 32	21 34	1 16	18 30	0 3	23 10	0 16	14 12	4 22	13 42	13 53	19 47		n.a.
T 8	10 14	19 47	3 43	0 28	1 35	21 43	0 42	21 12	1 16	4 27	1 32	21 32	1 16	18 30	0 3	23 10	0 16	14 13	4 21	13 42	13 54	19 48		n.a.
F 9	9 51	19 16	2 52	0s10	1 42	21 38	0 37	21 3	1 16	4 25	1 33	21 31	1 16	18 30	0 3	23 10	0 16	14 13	4 21	13 41	13 55	19 48		n.a.
S 10	9 29	17 53	1 52	0 48	1 48	21 32	0 32	20 55	1 17	4 23	1 33	21 30	1 16	18 31	0 3	23 10	0 16	14 14	4 21	13 41	13 56	19 49		n.a.
S 11	9 7	15 39	0 47	1 26	1 55	21 26	0 28	20 46	1 17	4 21	1 33	21 28	1 16	18 31	0 3	23 10	0 16	14 14	4 21	13 41	13 58	19 49		n.a.
M12	8 44	12 40	0s22	2 3	2 1	21 19	0 23	20 37	1 17	4 18	1 33	21 27	1 17	18 32	0 3	23 9	0 16	14 14	4 21	13 41	13 59	19 50		n.a.
T 13	8 21	9 2	1 31	2 39	2 8	21 11	0 18	20 28	1 17	4 16	1 33	21 26	1 17	18 32	0 3	23 9	0 16	14 15	4 20	13 41	14 0	19 50		n.a.
W14	7 58	4 55	2 36	3 15	2 14	21 3	0 14	20 18	1 18	4 14	1 33	21 25	1 17	18 32	0 3	23 9	0 16	14 15	4 20	13 41	14 1	19 50		n.a.
T 15	7 35	0 30	3 35	3 49	2 19	20 54	0 9	20 9	1 18	4 12	1 33	21 23	1 17	18 33	0 3	23 9	0 16	14 16	4 20	13 42	14 2	19 51		n.a.
F 16	7 12	4n 1	4 22	4 23	2 25	20 45	0 5	19 59	1 18	4 9	1 33	21 22	1 17	18 33	0 3	23 9	0 16	14 16	4 20	13 43	14 3	19 51		n.a.
S 17	6 49	8 23	4 56	4 55	2 30	20 34	0 1	19 50	1 18	4 7	1 33	21 21	1 17	18 34	0 3	23 9	0 16	14 17	4 19	13 44	14 4	19 52		n.a.
S 18	6 26	12 23	5 13	5 27	2 35	20 24	0n 4	19 40	1 19	4 4	1 34	21 19	1 17	18 34	0 2	23 9	0 16	14 17	4 19	13 45	14 5	19 52		n.a.
M19	6 2	15 44	5 12	5 57	2 40	20 12	0 8	19 30	1 19	4 2	1 34	21 18	1 18	18 35	0 2	23 8	0 16	14 18	4 19	13 45	14 6	19 53		n.a.
T 20	5 38	18 12	4 53	6 25	2 44	20 1	0 12	19 20	1 19	3 59	1 34	21 17	1 18	18 35	0 2	23 8	0 16	14 18	4 19	13 45	14 7	19 53		n.a.
W21	5 15	19 35	4 15	6 52	2 47	19 48	0 16	19 10	1 19	3 57	1 34	21 16	1 18	18 36	0 2	23 8	0 16	14 19	4 18	13 45	14 8	19 53		n.a.
T 22	4 51	19 43	3 22	7 17	2 51	19 35	0 20	18 59	1 20	3 54	1 34	21 14	1 18	18 36	0 2	23 8	0 16	14 19	4 18	13 45	14 9	19 54		n.a.
F 23	4 27	18 36	2 16	7 41	2 53	19 21	0 24	18 49	1 20	3 51	1 34	21 13	1 18	18 37	0 2	23 8	0 16	14 20	4 18	13 44	14 10	19 54		n.a.
S 24	4 3	16 17	1 2	8 2	2 55	19 7	0 28	18 38	1 20	3 49	1 34	21 12	1 18	18 37	0 2	23 8	0 16	14 20	4 18	13 44	14 11	19 54		n.a.
S 25	3 39	13 0	0n16	8 20	2 56	18 52	0 32	18 28	1 20	3 46	1 34	21 11	1 19	18 38	0 2	23 8	0 16	14 21	4 18	13 44	14 12	19 55		n.a.
M26	3 15	8 59	1 31	8 36	2 57	18 37	0 36	18 17	1 21	3 43	1 34	21 10	1 19	18 39	0 2	23 8	0 16	14 21	4 17	13 44	14 13	19 55		n.a.
T 27	2 50	4 33	2 41	8 49	2 56	18 21	0 39	18 6	1 21	3 40	1 34	21 8	1 19	18 39	0 2	23 7	0 16	14 22	4 17	13 45	14 14	19 56		n.a.
W28	2 26	0s 1	3 39	8 59	2 55	18 4	0 43	17 55	1 21	3 37	1 34	21 7	1 19	18 40	0 2	23 7	0 16	14 23	4 17	13 46	14 16	19 56		n.a.
T 29	2 2	4 29	4 24	9 5	2 53	17 47	0 46	17 44	1 21	3 34	1 34	21 6	1 19	18 40	0 2	23 7	0 16	14 23	4 17	13 48	14 17	19 56		n.a.
F 30	1n37	8s38	4n55	9s 7	2s49	17n30	0n50	17n32	1n22	3n31	1s34	21n 5	1n20	18s41	0n 2	23n 7	0n16	14s24	4n17	13n50	14n18	19s57		n.a.

Julian Day Number = 1281905.5, Delta T = 08h07m20s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'04, Lahiri = -20°34'03 Julian Calendar 1 Sept. 1204 BCE == Greg. Calendar 21 Aug. 1204 BCE

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ASTRODIENST EPHEMERIS for the year 1204 BCE
geocentric

OCTOBER 1204 BCE (-1203) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 54 19	26♍59'22	17♏13	16°R25	15♌51	16♌50	12°R13	3♌ 9	22♏37	16♋ 4	21♏50	23°R39	22♌17	4♉46	n.a.	S 1
S 2	23 58 15	27°59'53	29°34	16♎22	17° 1	17°28	12♈ 6	3°14	22°40	16° 5	21°52	23♌34	22°14	4°53	n.a.	S 2
M 3	0 2 12	29° 0'27	11♐41	16° 9	18°13	18° 5	11°58	3°20	22°42	16° 5	21°53	23°31	22°11	5° 0	n.a.	M 3
T 4	0 6 8	0♎ 1'01	23°37	15°47	19°24	18°43	11°50	3°25	22°45	16° 6	21°55	23°29	22° 8	5° 6	n.a.	T 4
W 5	0 10 5	1° 1'38	5♑28	15°15	20°35	19°21	11°42	3°30	22°47	16° 7	21°56	23°D29	22° 5	5°13	n.a.	W 5
T 6	0 14 2	2° 2'15	17°19	14°32	21°47	19°59	11°34	3°35	22°50	16° 8	21°58	23°30	22° 2	5°20	n.a.	T 6
F 7	0 17 58	3° 2'54	29°14	13°40	22°58	20°36	11°26	3°40	22°52	16° 9	21°59	23°32	21°58	5°26	n.a.	F 7
S 8	0 21 55	4° 3'34	11♒20	12°39	24°10	21°14	11°18	3°45	22°55	16°10	22° 1	23°34	21°55	5°33	n.a.	S 8
S 9	0 25 51	5° 4'16	23°39	11°29	25°22	21°52	11°10	3°50	22°58	16°10	22° 2	23°R34	21°52	5°40	n.a.	S 9
M10	0 29 48	6° 4'59	6♓16	10°14	26°34	22°30	11° 2	3°55	23° 0	16°11	22° 4	23°33	21°49	5°46	n.a.	M10
T 11	0 33 44	7° 5'43	19°12	8°54	27°46	23° 7	10°54	3°59	23° 3	16°12	22° 6	23°31	21°46	5°53	n.a.	T 11
W12	0 37 41	8° 6'29	2♈29	7°32	28°58	23°45	10°46	4° 4	23° 6	16°12	22° 7	23°26	21°42	6° 0	n.a.	W12
T 13	0 41 37	9° 7'16	16° 4	6°12	0♍10	24°23	10°37	4° 8	23° 9	16°13	22° 9	23°19	21°39	6° 6	n.a.	T 13
F 14	0 45 34	10° 8'05	29°56	4°55	1°22	25° 1	10°29	4°13	23°11	16°14	22°11	23°11	21°36	6°13	n.a.	F 14
S 15	0 49 31	11° 8'55	14♉ 1	3°45	2°35	25°38	10°21	4°17	23°14	16°14	22°12	23° 3	21°33	6°20	n.a.	S 15
S 16	0 53 27	12° 9'47	28°13	2°43	3°47	26°16	10°13	4°21	23°17	16°15	22°14	22°55	21°30	6°26	n.a.	S 16
M17	0 57 24	13°10'40	12♊28	1°51	5° 0	26°54	10° 5	4°25	23°20	16°15	22°16	22°50	21°27	6°33	n.a.	M17
T 18	1 1 20	14°11'35	26°43	1°10	6°13	27°31	9°57	4°29	23°23	16°15	22°18	22°46	21°23	6°40	n.a.	T 18
W19	1 5 17	15°12'32	10♋54	0°41	7°25	28° 9	9°48	4°33	23°26	16°16	22°19	22°D44	21°20	6°47	n.a.	W19
T 20	1 9 13	16°13'30	24°59	0°23	8°38	28°47	9°40	4°37	23°29	16°16	22°21	22°45	21°17	6°53	n.a.	T 20
F 21	1 13 10	17°14'30	8♌58	0°D16	9°51	29°24	9°32	4°41	23°32	16°17	22°23	22°46	21°14	7° 0	n.a.	F 21
S 22	1 17 6	18°15'31	22°49	0°21	11° 4	0♍ 2	9°24	4°45	23°35	16°17	22°25	22°R46	21°11	7° 7	n.a.	S 22
S 23	1 21 3	19°16'34	6♍34	0°35	12°17	0°40	9°16	4°49	23°38	16°17	22°27	22°45	21° 7	7°13	n.a.	S 23
M24	1 25 0	20°17'37	20°10	0°59	13°31	1°17	9° 8	4°52	23°42	16°17	22°29	22°42	21° 4	7°20	n.a.	M24
T 25	1 28 56	21°18'42	3♎36	1°31	14°44	1°55	9° 1	4°56	23°45	16°18	22°30	22°36	21° 1	7°27	n.a.	T 25
W26	1 32 53	22°19'49	16°50	2°11	15°57	2°33	8°53	4°59	23°48	16°18	22°32	22°27	20°58	7°33	n.a.	W26
T 27	1 36 49	23°20'56	29°51	2°57	17°11	3°10	8°45	5° 2	23°51	16°18	22°34	22°17	20°55	7°40	n.a.	T 27
F 28	1 40 46	24°22'04	12♏38	3°49	18°24	3°48	8°37	5° 5	23°54	16°18	22°36	22° 5	20°52	7°47	n.a.	F 28
S 29	1 44 42	25°23'13	25° 9	4°47	19°38	4°25	8°30	5° 8	23°58	16°18	22°38	21°53	20°48	7°53	n.a.	S 29
S 30	1 48 39	26°24'23	7♐27	5°48	20°51	5° 3	8°22	5°11	24° 1	16°R18	22°40	21°42	20°45	8° 0	n.a.	S 30
M31	1 52 35	27♎25'33	19♐31	6♎54	22♍ 5	5♍40	8♈15	5♌14	24♏ 4	16♋18	22♏42	21♌33	20♌42	8♉ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	1n13	12s18	5n10	9s 4	2s44	17n12	0n53	17n21	1n22	3n28	1s34	21n 4	1n20	18s42	0n 2	23n 7	0n16	14s24	4n16	13n52	14n19	19s57		n.a.	S 1
S 2	0 49	15 21	5 10	8 57	2 37	16 53	0 56	17 9	1 22	3 25	1 34	21 3	1 20	18 42	0 2	23 7	0 16	14 25	4 16	13 53	14 20	19 57		n.a.	S 2
M 3	0 24	17 40	4 56	8 45	2 29	16 34	0 59	16 58	1 22	3 22	1 34	21 2	1 20	18 43	0 2	23 7	0 16	14 25	4 16	13 54	14 21	19 58		n.a.	M 3
T 4	0s 0	19 11	4 30	8 27	2 19	16 14	1 2	16 46	1 23	3 19	1 34	21 1	1 20	18 44	0 2	23 7	0 16	14 26	4 16	13 55	14 22	19 58		n.a.	T 4
W 5	0 25	19 51	3 52	8 4	2 8	15 54	1 5	16 34	1 23	3 16	1 34	21 0	1 20	18 44	0 2	23 7	0 16	14 26	4 15	13 55	14 23	19 58		n.a.	W 5
T 6	0 49	19 39	3 4	7 35	1 55	15 33	1 8	16 22	1 23	3 13	1 34	20 59	1 21	18 45	0 2	23 7	0 16	14 27	4 15	13 54	14 24	19 59		n.a.	T 6
F 7	1 14	18 33	2 8	7 0	1 39	15 12	1 11	16 10	1 23	3 9	1 34	20 58	1 21	18 46	0 2	23 6	0 16	14 28	4 15	13 54	14 25	19 59		n.a.	F 7
S 8	1 38	16 36	1 6	6 20	1 23	14 51	1 14	15 58	1 23	3 6	1 34	20 57	1 21	18 46	0 2	23 6	0 16	14 28	4 15	13 53	14 26	19 59		n.a.	S 8
S 9	2 3	13 52	0s 0	5 36	1 4	14 29	1 16	15 46	1 24	3 3	1 34	20 56	1 21	18 47	0 2	23 6	0 16	14 29	4 15	13 53	14 27	20 0		n.a.	S 9
M10	2 27	10 25	1 8	4 48	0 45	14 6	1 19	15 34	1 24	3 0	1 34	20 55	1 21	18 48	0 2	23 6	0 16	14 29	4 14	13 53	14 28	20 0		n.a.	M10
T 11	2 52	6 24	2 14	3 58	0 25	13 43	1 21	15 21	1 24	2 57	1 34	20 54	1 22	18 48	0 2	23 6	0 16	14 30	4 14	13 54	14 29	20 0		n.a.	T 11
W12	3 16	1 58	3 15	3 6	0 4	13 20	1 24	15 9	1 24	2 54	1 34	20 53	1 22	18 49	0 2	23 6	0 16	14 31	4 14	13 56	14 30	20 1		n.a.	W12
T 13	3 40	2n39	4 5	2 15	0n17	12 56	1 26	14 56	1 24	2 50	1 34	20 52	1 22	18 50	0 2	23 6	0 16	14 31	4 14	13 58	14 31	20 1		n.a.	T 13
F 14	4 5	7 14	4 43	1 26	0 37	12 32	1 28	14 44	1 25	2 47	1 34	20 51	1 22	18 51	0 2	23 6	0 16	14 32	4 14	14 1	14 32	20 1		n.a.	F 14
S 15	4 29	11 29	5 3	0 40	0 56	12 8	1 30	14 31	1 25	2 44	1 33	20 50	1 22	18 51	0 2	23 6	0 16	14 32	4 14	14 4	14 33	20 2		n.a.	S 15
S 16	4 53	15 7	5 6	0n 1	1 13	11 43	1 32	14 18	1 25	2 41	1 33	20 50	1 23	18 52	0 2	23 6	0 16	14 33	4 13	14 6	14 34	20 2		n.a.	S 16
M17	5 17	17 53	4 50	0 37	1 29	11 17	1 34	14 5	1 25	2 38	1 33	20 49	1 23	18 53	0 2	23 6	0 16	14 34	4 13	14 8	14 35	20 2		n.a.	M17
T 18	5 41	19 32	4 15	1 6	1 43	10 52	1 36	13 52	1 25	2 35	1 33	20 48	1 23	18 54	0 2	23 6	0 16	14 34	4 13	14 9	14 36	20 3		n.a.	T 18
W19	6 5	19 58	3 26	1 29	1 55	10 26	1 38	13 39	1 26	2 32	1 33	20 47	1 23	18 54	0 2	23 6	0 16	14 35	4 13	14 10	14 37	20 3		n.a.	W19
T 20	6 29	19 8	2 24	1 46	2 6	10 0	1 39	13 26	1 26	2 28	1 33	20 46	1 23	18 55	0 2	23 6	0 16	14 36	4 13	14 10	14 38	20 3		n.a.	T 20
F 21	6 53	17 8	1 13	1 56	2 14	9 33	1 41	13 13	1 26	2 25	1 33	20 46	1 24	18 56	0 2	23 6	0 16	14 36	4 12	14 9	14 39	20 3		n.a.	F 21
S 22	7 16	14 8	0n 0	2 0	2 20	9 6	1 42	12 59	1 26	2 22	1 33	20 45	1 24	18 57	0 2	23 6	0 16	14 37	4 12	14 9	14 41	20 4		n.a.	S 22
S 23	7 40	10 23	1 13	1 59	2 25	8 39	1 44	12 46	1 26	2 19	1 32	20 44	1 24	18 57	0 2	23 6	0 16	14 37	4 12	14 9	14 42	20 4		n.a.	S 23
M24	8 3	6 7	2 21	1 52	2 28	8 12	1 45	12 32	1 27	2 16	1 32	20 44	1 24	18 58	0 2	23 6	0 17	14 38	4 12	14 11	14 43	20 4		n.a.	M24
T 25	8 27	1 36	3 20	1 41	2 30	7 44	1 46	12 19	1 27	2 13	1 32	20 43	1 25	18 59	0 2	23 6	0 17	14 39	4 12	14 13	14 44	20 5		n.a.	T 25
W26	8 50	2s55	4 7	1 25	2 31	7 16	1 47	12 5	1 27	2 10	1 32	20 42	1 25	19 0	0 2	23 6	0 17	14 39	4 12	14 15	14 45	20 5		n.a.	W26
T 27	9 13	7 14	4 41	1 6	2 31	6 48	1 48	11 52	1 27	2 7	1 32	20 42	1 25	19 1	0 2	23 6	0 17	14 40	4 11	14 19	14 46	20 5		n.a.	T 27
F 28	9 36	11 8	4 59	0 44	2 29	6 19	1 49	11 38	1 27	2 5	1 32	20 41	1 25	19 2	0 2	23 6	0 17	14 41	4 11	14 23	14 47	20 5		n.a.	F 28
S 29	9 59	14 29	5 3	0 19	2 27	5 51	1 49	11 24	1 28	2 2	1 31	20 41	1 25	19 2	0 2	23 6	0 17	14 41	4 11	14 27	14 48	20 6		n.a.	S 29
S 30	10 21	17 7	4 52	0s 9	2 24	5 22	1 50	11 10	1 28	1 59	1 31	20 40	1 26	19 3	0 2	23 6	0 17	14 42	4 11	14 30	14 49	20 6		n.a.	S 30
M31	10s44	18s57	4n28	0s38	2n20	4n53	1n51	10n56	1n28	1n56	1s31	20n40	1n26	19s 4	0n 2	23n 6	0n17	14s43	4n11	14n33	14n50	20s 6		n.a.	M31

Julian Day Number = 1281935.5, Delta T = 08h07m19s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°41'00, Lahiri = -20°33'59 Julian Calendar 1 Oct. 1204 BCE == Greg. Calendar 20 Sept. 1204 BCE

The year -1203 astronomical counting style corresponds to year 1204 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1204 BCE
geocentric

NOVEMBER 1204 BCE (-1203) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 56 32	28♎26'45	1♉27	8♎ 3	23♍19	6♍18	8°R 8	5♌17	24♏ 7	16°R18	22♏44	21°R27	20♌39	8♉13	n.a.	T 1
W 2	2 0 29	29°27'56	13°16	9°15	24°32	6°55	8♈ 1	5°20	24°11	16♋18	22°46	21♌23	20°36	8°20	n.a.	W 2
T 3	2 4 25	0♏29'08	25° 5	10°30	25°46	7°33	7°54	5°22	24°14	16°18	22°48	21°22	20°33	8°27	n.a.	T 3
F 4	2 8 22	1°30'21	6♒58	11°47	27° 0	8°10	7°47	5°25	24°18	16°18	22°50	21°D22	20°29	8°33	n.a.	F 4
S 5	2 12 18	2°31'34	19° 1	13° 6	28°14	8°48	7°40	5°27	24°21	16°17	22°52	21°R22	20°26	8°40	n.a.	S 5
S 6	2 16 15	3°32'47	1♓20	14°26	29°28	9°25	7°33	5°29	24°24	16°17	22°54	21°22	20°23	8°47	n.a.	S 6
M 7	2 20 11	4°34'01	13°59	15°48	0♎42	10° 3	7°27	5°31	24°28	16°17	22°56	21°19	20°20	8°54	n.a.	M 7
T 8	2 24 8	5°35'15	27° 2	17°11	1°56	10°40	7°20	5°33	24°31	16°17	22°58	21°15	20°17	9° 0	n.a.	T 8
W 9	2 28 4	6°36'29	10♈31	18°35	3°10	11°18	7°14	5°35	24°35	16°16	23° 0	21° 7	20°13	9° 7	n.a.	W 9
T 10	2 32 1	7°37'44	24°25	20° 1	4°24	11°55	7° 8	5°37	24°38	16°16	23° 2	20°57	20°10	9°14	n.a.	T 10
F 11	2 35 58	8°38'58	8♉41	21°27	5°38	12°32	7° 2	5°39	24°42	16°16	23° 5	20°46	20° 7	9°20	n.a.	F 11
S 12	2 39 54	9°40'14	23°14	22°53	6°53	13°10	6°56	5°41	24°45	16°15	23° 7	20°33	20° 4	9°27	n.a.	S 12
S 13	2 43 51	10°41'30	7♊56	24°21	8° 7	13°47	6°51	5°42	24°49	16°15	23° 9	20°22	20° 1	9°34	n.a.	S 13
M14	2 47 47	11°42'46	22°38	25°49	9°21	14°24	6°45	5°43	24°52	16°14	23°11	20°13	19°58	9°40	n.a.	M14
T 15	2 51 44	12°44'03	7♋14	27°17	10°35	15° 2	6°40	5°45	24°56	16°14	23°13	20° 6	19°54	9°47	n.a.	T 15
W16	2 55 40	13°45'20	21°39	28°46	11°50	15°39	6°35	5°46	24°59	16°13	23°15	20° 3	19°51	9°54	n.a.	W16
T 17	2 59 37	14°46'38	5♌50	0♏16	13° 4	16°16	6°30	5°47	25° 3	16°13	23°17	20° 2	19°48	10° 0	n.a.	T 17
F 18	3 3 34	15°47'56	19°45	1°46	14°19	16°54	6°25	5°48	25° 6	16°12	23°19	20° 1	19°45	10° 7	n.a.	F 18
S 19	3 7 30	16°49'15	3♍25	3°16	15°33	17°31	6°21	5°49	25°10	16°11	23°22	20° 1	19°42	10°14	n.a.	S 19
S 20	3 11 27	17°50'34	16°52	4°47	16°47	18° 8	6°16	5°50	25°13	16°11	23°24	19°59	19°38	10°20	n.a.	S 20
M21	3 15 23	18°51'53	0♎ 6	6°18	18° 2	18°45	6°12	5°50	25°17	16°10	23°26	19°55	19°35	10°27	n.a.	M21
T 22	3 19 20	19°53'12	13° 8	7°49	19°16	19°23	6° 8	5°51	25°21	16° 9	23°28	19°47	19°32	10°34	n.a.	T 22
W23	3 23 16	20°54'31	26° 0	9°21	20°31	20° 0	6° 4	5°51	25°24	16° 8	23°30	19°36	19°29	10°40	n.a.	W23
T 24	3 27 13	21°55'51	8♏42	10°53	21°46	20°37	6° 0	5°52	25°28	16° 8	23°32	19°23	19°26	10°47	n.a.	T 24
F 25	3 31 9	22°57'10	21°12	12°25	23° 0	21°14	5°57	5°52	25°31	16° 7	23°34	19° 9	19°23	10°54	n.a.	F 25
S 26	3 35 6	23°58'30	3♐32	13°58	24°15	21°51	5°54	5°R52	25°35	16° 6	23°37	18°54	19°19	11° 0	n.a.	S 26
S 27	3 39 3	24°59'49	15°41	15°31	25°29	22°28	5°51	5°52	25°39	16° 5	23°39	18°40	19°16	11° 7	n.a.	S 27
M28	3 42 59	26° 1'07	27°41	17° 5	26°44	23° 5	5°48	5°52	25°42	16° 4	23°41	18°29	19°13	11°14	n.a.	M28
T 29	3 46 56	27° 2'25	9♑33	18°38	27°59	23°42	5°45	5°52	25°46	16° 3	23°43	18°20	19°10	11°20	n.a.	T 29
W30	3 50 52	28♏ 3'43	21♑21	20♏13	29♎13	24♍19	5♈43	5♌51	25♏49	16♋ 2	23♏45	18♌15	19♌ 7	11♑27	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 6	19s57	3n53	1s10	2n16	4n24	1n51	10n42	1n28	1n53	1s31	20n39	1n26	19s 5	0n 2	23n 6	0n17	14s43	4n11	14n35	14n51	20s 6		n.a.
W 2	11 28	20 3	3 8	1 43	2 11	3 54	1 52	10 28	1 28	1 51	1 30	20 39	1 26	19 6	0 2	23 6	0 17	14 44	4 11	14 36	14 52	20 7		n.a.
T 3	11 50	19 15	2 15	2 18	2 6	3 25	1 52	10 14	1 28	1 48	1 30	20 38	1 27	19 7	0 2	23 6	0 17	14 45	4 10	14 37	14 53	20 7		n.a.
F 4	12 11	17 37	1 16	2 53	2 1	2 55	1 52	10 0	1 28	1 46	1 30	20 38	1 27	19 7	0 2	23 6	0 17	14 45	4 10	14 37	14 54	20 7		n.a.
S 5	12 33	15 10	0 12	3 30	1 55	2 26	1 52	9 46	1 29	1 43	1 30	20 38	1 27	19 8	0 2	23 6	0 17	14 46	4 10	14 37	14 55	20 7		n.a.
S 6	12 54	12 0	0s53	4 7	1 49	1 56	1 52	9 32	1 29	1 41	1 30	20 37	1 27	19 9	0 2	23 6	0 17	14 47	4 10	14 37	14 56	20 8		n.a.
M 7	13 15	8 12	1 57	4 45	1 42	1 26	1 52	9 18	1 29	1 38	1 29	20 37	1 28	19 10	0 2	23 6	0 17	14 47	4 10	14 38	14 57	20 8		n.a.
T 8	13 36	3 54	2 57	5 23	1 36	0 56	1 52	9 3	1 29	1 36	1 29	20 37	1 28	19 11	0 2	23 6	0 17	14 48	4 10	14 39	14 58	20 8		n.a.
W 9	13 57	0n43	3 49	6 2	1 29	0 26	1 52	8 49	1 29	1 34	1 29	20 36	1 28	19 12	0 2	23 6	0 17	14 48	4 10	14 42	14 59	20 8		n.a.
T 10	14 17	5 27	4 30	6 41	1 22	0s 4	1 52	8 35	1 29	1 32	1 28	20 36	1 28	19 13	0 2	23 6	0 17	14 49	4 9	14 45	15 0	20 8		n.a.
F 11	14 37	10 0	4 54	7 20	1 15	0 35	1 51	8 20	1 29	1 29	1 28	20 36	1 28	19 13	0 2	23 6	0 17	14 50	4 9	14 49	15 1	20 9		n.a.
S 12	14 57	14 3	5 0	7 59	1 8	1 5	1 51	8 6	1 30	1 27	1 28	20 36	1 29	19 14	0 2	23 6	0 17	14 50	4 9	14 53	15 2	20 9		n.a.
S 13	15 17	17 16	4 47	8 38	1 1	1 35	1 50	7 51	1 30	1 25	1 28	20 36	1 29	19 15	0 2	23 7	0 17	14 51	4 9	14 56	15 3	20 9		n.a.
M14	15 36	19 24	4 14	9 18	0 54	2 5	1 50	7 37	1 30	1 23	1 27	20 35	1 29	19 16	0 2	23 7	0 17	14 52	4 9	14 59	15 4	20 9		n.a.
T 15	15 55	20 13	3 26	9 57	0 47	2 36	1 49	7 22	1 30	1 22	1 27	20 35	1 29	19 17	0 2	23 7	0 17	14 52	4 9	15 1	15 5	20 9		n.a.
W16	16 14	19 42	2 24	10 36	0 40	3 6	1 48	7 8	1 30	1 20	1 27	20 35	1 30	19 18	0 2	23 7	0 17	14 53	4 9	15 2	15 6	20 10		n.a.
T 17	16 32	17 56	1 14	11 14	0 33	3 36	1 47	6 53	1 30	1 18	1 27	20 35	1 30	19 19	0 2	23 7	0 17	14 54	4 9	15 3	15 7	20 10		n.a.
F 18	16 50	15 7	0 1	11 53	0 26	4 6	1 46	6 38	1 30	1 16	1 26	20 35	1 30	19 20	0 2	23 7	0 17	14 54	4 8	15 3	15 8	20 10		n.a.
S 19	17 8	11 30	1n10	12 31	0 19	4 36	1 45	6 24	1 30	1 15	1 26	20 35	1 30	19 21	0 2	23 7	0 17	14 55	4 8	15 3	15 9	20 10		n.a.
S 20	17 26	7 22	2 17	13 9	0 12	5 6	1 44	6 9	1 30	1 13	1 26	20 35	1 31	19 21	0 2	23 7	0 17	14 56	4 8	15 4	15 10	20 10		n.a.
M21	17 43	2 56	3 15	13 46	0 5	5 36	1 43	5 54	1 31	1 12	1 25	20 35	1 31	19 22	0 2	23 7	0 17	14 56	4 8	15 5	15 11	20 10		n.a.
T 22	18 0	1s34	4 1	14 23	0s 2	6 6	1 42	5 40	1 31	1 11	1 25	20 35	1 31	19 23	0 2	23 7	0 17	14 57	4 8	15 7	15 12	20 11		n.a.
W23	18 17	5 56	4 35	14 59	0 9	6 35	1 41	5 25	1 31	1 9	1 25	20 36	1 31	19 24	0 2	23 8	0 17	14 58	4 8	15 11	15 13	20 11		n.a.
T 24	18 33	9 59	4 55	15 35	0 16	7 5	1 39	5 10	1 31	1 8	1 24	20 36	1 32	19 25	0 2	23 8	0 17	14 58	4 8	15 15	15 14	20 11		n.a.
F 25	18 49	13 33	4 59	16 10	0 22	7 34	1 38	4 55	1 31	1 7	1 24	20 36	1 32	19 26	0 2	23 8	0 17	14 59	4 8	15 20	15 15	20 11		n.a.
S 26	19 5	16 28	4 50	16 45	0 29	8 4	1 36	4 40	1 31	1 6	1 24	20 36	1 32	19 27	0 2	23 8	0 17	14 59	4 8	15 24	15 16	20 11		n.a.
S 27	19 20	18 37	4 28	17 19	0 35	8 33	1 35	4 26	1 31	1 5	1 23	20 36	1 32	19 28	0 2	23 8	0 17	15 0	4 7	15 29	15 17	20 11		n.a.
M28	19 35	19 55	3 53	17 52	0 41	9 2	1 33	4 11	1 31	1 4	1 23	20 37	1 33	19 28	0 2	23 8	0 17	15 1	4 7	15 32	15 18	20 11		n.a.
T 29	19 49	20 20	3 9	18 25	0 47	9 30	1 32	3 56	1 31	1 3	1 23	20 37	1 33	19 29	0 2	23 8	0 17	15 1	4 7	15 35	15 19	20 12		n.a.
W30	20s 3	19s51	2n17	18s57	0s53	9s59	1n30	3n41	1n31	1n 3	1s22	20n37	1n33	19s30	0n 2	23n 8	0n17	15s 2	4n 7	15n37	15n20	20s12		n.a.

Julian Day Number = 1281966.5, Delta T = 08h07m17s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'55, Lahiri = -20°33'55 Julian Calendar 1 Nov. 1204 BCE == Greg. Calendar 21 Oct. 1204 BCE

The year -1203 astronomical counting style corresponds to year 1204 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1204 BCE
geocentric

DECEMBER 1204 BCE (-1203) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 54 49	29♏ 5'00	3♒ 8	21♏47	0♏28	24♍56	5°R40	5°R51	25♏53	16°R 1	23♏47	18°R12	19♌ 4	11♉34	n.a.	T 1
F 2	3 58 45	0♐ 6'17	14°58	23°22	1°42	25°33	5♈38	5♌50	25°57	16♋ 0	23°49	18°D11	19° 0	11°40	n.a.	F 2
S 3	4 2 42	1° 7'32	26°59	24°58	2°57	26°10	5°36	5°50	26° 0	15°59	23°52	18°R11	18°57	11°47	n.a.	S 3
S 4	4 6 39	2° 8'47	9♓13	26°33	4°12	26°47	5°35	5°49	26° 4	15°58	23°54	18♌11	18°54	11°54	n.a.	S 4
M 5	4 10 35	3°10'01	21°48	28°10	5°26	27°24	5°33	5°48	26° 7	15°57	23°56	18° 9	18°51	12° 0	n.a.	M 5
T 6	4 14 32	4°11'14	4♈49	29°47	6°41	28° 0	5°32	5°47	26°11	15°56	23°58	18° 6	18°48	12° 7	n.a.	T 6
W 7	4 18 28	5°12'26	18°17	1♐24	7°56	28°37	5°31	5°46	26°15	15°54	24° 0	17°59	18°44	12°14	n.a.	W 7
T 8	4 22 25	6°13'37	2♉15	3° 1	9°11	29°14	5°30	5°45	26°18	15°53	24° 2	17°50	18°41	12°20	n.a.	T 8
F 9	4 26 21	7°14'48	16°41	4°40	10°25	29°51	5°30	5°43	26°22	15°52	24° 4	17°40	18°38	12°27	n.a.	F 9
S 10	4 30 18	8°15'57	1♊29	6°18	11°40	0♎27	5°29	5°42	26°25	15°51	24° 6	17°29	18°35	12°34	n.a.	S 10
S 11	4 34 14	9°17'06	16°32	7°58	12°55	1° 4	5°29	5°41	26°29	15°50	24° 8	17°18	18°32	12°41	n.a.	S 11
M12	4 38 11	10°18'14	1♋39	9°38	14° 9	1°41	5°D29	5°39	26°32	15°48	24°11	17°10	18°29	12°47	n.a.	M12
T 13	4 42 8	11°19'22	16°40	11°18	15°24	2°17	5°29	5°37	26°36	15°47	24°13	17° 4	18°25	12°54	n.a.	T 13
W14	4 46 4	12°20'28	1♌27	12°59	16°39	2°54	5°29	5°35	26°39	15°46	24°15	17° 0	18°22	13° 1	n.a.	W14
T 15	4 50 1	13°21'34	15°55	14°41	17°54	3°30	5°30	5°33	26°43	15°44	24°17	16°D59	18°19	13° 7	n.a.	T 15
F 16	4 53 57	14°22'39	0♍ 1	16°23	19° 8	4° 7	5°31	5°31	26°46	15°43	24°19	17° 0	18°16	13°14	n.a.	F 16
S 17	4 57 54	15°23'44	13°45	18° 5	20°23	4°43	5°32	5°29	26°50	15°42	24°21	17°R 0	18°13	13°21	n.a.	S 17
S 18	5 1 50	16°24'47	27° 8	19°49	21°38	5°20	5°33	5°27	26°53	15°40	24°23	17° 0	18°10	13°27	n.a.	S 18
M19	5 5 47	17°25'50	10♎12	21°33	22°52	5°56	5°35	5°25	26°57	15°39	24°25	16°57	18° 6	13°34	n.a.	M19
T 20	5 9 44	18°26'52	23° 1	23°17	24° 7	6°33	5°36	5°22	27° 0	15°37	24°27	16°52	18° 3	13°41	n.a.	T 20
W21	5 13 40	19°27'53	5♏36	25° 2	25°22	7° 9	5°38	5°20	27° 3	15°36	24°29	16°45	18° 0	13°47	n.a.	W21
T 22	5 17 37	20°28'53	18° 0	26°47	26°37	7°45	5°40	5°17	27° 7	15°34	24°31	16°35	17°57	13°54	n.a.	T 22
F 23	5 21 33	21°29'52	0♐15	28°33	27°51	8°21	5°42	5°15	27°10	15°33	24°33	16°24	17°54	14° 1	n.a.	F 23
S 24	5 25 30	22°30'50	12°22	0♑19	29° 6	8°57	5°45	5°12	27°14	15°31	24°35	16°13	17°50	14° 7	n.a.	S 24
S 25	5 29 26	23°31'47	24°21	2° 5	0♐21	9°34	5°47	5° 9	27°17	15°30	24°37	16° 3	17°47	14°14	n.a.	S 25
M26	5 33 23	24°32'43	6♑14	3°52	1°36	10°10	5°50	5° 6	27°20	15°28	24°39	15°54	17°44	14°21	n.a.	M26
T 27	5 37 19	25°33'37	18° 4	5°38	2°50	10°46	5°53	5° 3	27°23	15°27	24°41	15°48	17°41	14°27	n.a.	T 27
W28	5 41 16	26°34'29	29°51	7°24	4° 5	11°22	5°56	5° 0	27°27	15°25	24°42	15°44	17°38	14°34	n.a.	W28
T 29	5 45 13	27°35'20	11♒39	9°10	5°20	11°58	6° 0	4°57	27°30	15°24	24°44	15°D42	17°35	14°41	n.a.	T 29
F 30	5 49 9	28°36'09	23°31	10°55	6°34	12°34	6° 3	4°53	27°33	15°22	24°46	15°42	17°31	14°47	n.a.	F 30
S 31	5 53 6	29♐36'57	5♓31	12♑40	7♐49	13♎ 9	6♈ 7	4♌50	27♏36	15♋21	24♏48	15♌44	17♌28	14♉54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s17	18s30	1n19	19s28	0s59	10s27	1n28	3n26	1n31	1n 2	1s22	20n38	1n33	19s31	0n 2	23n 9	0n17	15s 2	4n 7	15n38	15n21	20s12			n.a.
F 2	20 30	16 20	0 17	19 58	1 5	10 55	1 26	3 11	1 31	1 2	1 22	20 38	1 33	19 32	0 2	23 9	0 17	15 3	4 7	15 38	15 22	20 12			n.a.
S 3	20 43	13 27	0s47	20 27	1 10	11 23	1 24	2 57	1 31	1 1	1 21	20 38	1 34	19 33	0 2	23 9	0 17	15 4	4 7	15 38	15 23	20 12			n.a.
S 4	20 56	9 55	1 49	20 56	1 15	11 50	1 22	2 42	1 31	1 1	1 21	20 39	1 34	19 34	0 2	23 9	0 17	15 4	4 7	15 38	15 24	20 12			n.a.
M 5	21 8	5 52	2 48	21 23	1 20	12 17	1 20	2 27	1 31	1 1	1 21	20 39	1 34	19 35	0 2	23 9	0 17	15 5	4 7	15 38	15 25	20 12			n.a.
T 6	21 20	1 26	3 41	21 49	1 25	12 44	1 18	2 12	1 32	1 0	1 20	20 40	1 34	19 35	0 2	23 9	0 17	15 6	4 7	15 40	15 26	20 12			n.a.
W 7	21 31	3n14	4 23	22 15	1 30	13 11	1 16	1 57	1 32	1 0	1 20	20 40	1 35	19 36	0 2	23 10	0 17	15 6	4 7	15 42	15 27	20 13			n.a.
T 8	21 42	7 54	4 51	22 39	1 34	13 37	1 14	1 42	1 32	1 0	1 20	20 41	1 35	19 37	0 2	23 10	0 17	15 7	4 7	15 44	15 28	20 13			n.a.
F 9	21 53	12 16	5 2	23 2	1 38	14 3	1 12	1 27	1 32	1 0	1 19	20 41	1 35	19 38	0 2	23 10	0 17	15 7	4 6	15 48	15 29	20 13			n.a.
S 10	22 3	16 1	4 53	23 23	1 42	14 29	1 10	1 13	1 32	1 0	1 19	20 42	1 35	19 39	0 2	23 10	0 18	15 8	4 6	15 51	15 30	20 13			n.a.
S 11	22 13	18 45	4 24	23 44	1 45	14 54	1 8	0 58	1 32	1 1	1 19	20 42	1 36	19 40	0 2	23 10	0 18	15 8	4 6	15 54	15 31	20 13			n.a.
M12	22 22	20 13	3 37	24 3	1 48	15 19	1 5	0 43	1 32	1 1	1 18	20 43	1 36	19 41	0 2	23 10	0 18	15 9	4 6	15 57	15 32	20 13			n.a.
T 13	22 31	20 14	2 34	24 21	1 51	15 43	1 3	0 28	1 32	1 1	1 18	20 44	1 36	19 41	0 2	23 11	0 18	15 10	4 6	15 59	15 33	20 13			n.a.
W14	22 39	18 50	1 22	24 37	1 54	16 7	1 1	0 14	1 32	1 2	1 18	20 44	1 36	19 42	0 2	23 11	0 18	15 10	4 6	16 0	15 34	20 13			n.a.
T 15	22 47	16 14	0 6	24 52	1 56	16 31	0 58	0s 1	1 32	1 2	1 17	20 45	1 37	19 43	0 2	23 11	0 18	15 11	4 6	16 0	15 35	20 13			n.a.
F 16	22 54	12 43	1n 9	25 5	1 58	16 54	0 56	0 16	1 31	1 3	1 17	20 46	1 37	19 44	0 2	23 11	0 18	15 11	4 6	16 0	15 36	20 13			n.a.
S 17	23 1	8 37	2 18	25 16	1 59	17 17	0 54	0 31	1 31	1 4	1 17	20 47	1 37	19 45	0 2	23 11	0 18	15 12	4 6	16 0	15 37	20 13			n.a.
S 18	23 8	4 10	3 17	25 26	2 0	17 39	0 51	0 45	1 31	1 5	1 16	20 47	1 37	19 46	0 2	23 11	0 18	15 12	4 6	16 0	15 38	20 13			n.a.
M19	23 14	0s22	4 5	25 34	2 1	18 1	0 49	1 0	1 31	1 5	1 16	20 48	1 37	19 46	0 2	23 12	0 18	15 13	4 6	16 1	15 39	20 13			n.a.
T 20	23 19	4 47	4 39	25 41	2 1	18 22	0 46	1 15	1 31	1 6	1 16	20 49	1 38	19 47	0 2	23 12	0 18	15 13	4 6	16 2	15 40	20 13			n.a.
W21	23 25	8 54	4 59	25 45	2 1	18 43	0 44	1 29	1 31	1 7	1 15	20 50	1 38	19 48	0 2	23 12	0 18	15 14	4 6	16 5	15 41	20 14			n.a.
T 22	23 29	12 36	5 5	25 48	2 0	19 3	0 41	1 44	1 31	1 9	1 15	20 51	1 38	19 49	0 2	23 12	0 18	15 14	4 6	16 8	15 42	20 14			n.a.
F 23	23 33	15 43	4 56	25 48	1 58	19 23	0 38	1 58	1 31	1 10	1 15	20 51	1 38	19 50	0 2	23 12	0 18	15 15	4 6	16 11	15 43	20 14			n.a.
S 24	23 37	18 7	4 34	25 47	1 57	19 42	0 36	2 13	1 31	1 11	1 14	20 52	1 38	19 50	0 2	23 13	0 18	15 15	4 6	16 14	15 44	20 14			n.a.
S 25	23 40	19 43	4 0	25 43	1 54	20 1	0 33	2 28	1 31	1 12	1 14	20 53	1 39	19 51	0 2	23 13	0 18	15 16	4 6	16 17	15 45	20 14			n.a.
M26	23 43	20 25	3 16	25 38	1 51	20 19	0 31	2 42	1 31	1 14	1 14	20 54	1 39	19 52	0 2	23 13	0 18	15 16	4 6	16 20	15 46	20 14			n.a.
T 27	23 46	20 14	2 23	25 30	1 47	20 37	0 28	2 56	1 31	1 15	1 13	20 55	1 39	19 53	0 2	23 13	0 18	15 17	4 6	16 22	15 47	20 14			n.a.
W28	23 47	19 8	1 25	25 20	1 43	20 54	0 25	3 11	1 31	1 17	1 13	20 56	1 39	19 53	0 2	23 13	0 18	15 17	4 6	16 23	15 48	20 14			n.a.
T 29	23 49	17 14	0 22	25 8	1 37	21 10	0 23	3 25	1 31	1 19	1 13	20 57	1 40	19 54	0 2	23 14	0 18	15 18	4 6	16 24	15 49	20 14			n.a.
F 30	23 50	14 34	0s42	24 54	1 32	21 26	0 20	3 39	1 30	1 20	1 12	20 58	1 40	19 55	0 2	23 14	0 18	15 18	4 5	16 24	15 50	20 14			n.a.
S 31	23s50	11s16	1s45	24s38	1s25	21s41	0n18	3s54	1n30	1n22	1s12	20n59	1n40	19s56	0n 1	23n14	0n18	15s19	4n 5	16n23	15n51	20s14			n.a.

Julian Day Number = 1281996.5, Delta T = 08h07m16s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'51, Lahiri = -20°33'51 Julian Calendar 1 Dec. 1204 BCE == Greg. Calendar 20 Nov. 1204 BCE

The year -1203 astronomical counting style corresponds to year 1204 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1203 BCE
geocentric

JANUARY 1203 BCE (-1202) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 57 2	0♉37'42	17♓44	14♉23	9♐ 4	13♎45	6♈11	4°R47	27♏40	15°R19	24♏50	15♌45	17♌25	15♉ 1	n.a.	S 1
M 2	6 0 59	1°38'26	0♈15	16° 5	10°18	14°21	6°15	4♌43	27°43	15♋17	24°52	15°R46	17°22	15° 7	n.a.	M 2
T 3	6 4 55	2°39'08	13° 9	17°45	11°33	14°56	6°20	4°40	27°46	15°16	24°53	15°45	17°19	15°14	n.a.	T 3
W 4	6 8 52	3°39'49	26°30	19°22	12°48	15°32	6°24	4°36	27°49	15°14	24°55	15°43	17°16	15°21	n.a.	W 4
T 5	6 12 48	4°40'27	10♉20	20°57	14° 2	16° 8	6°29	4°32	27°52	15°12	24°57	15°39	17°12	15°27	n.a.	T 5
F 6	6 16 45	5°41'03	24°39	22°28	15°17	16°43	6°34	4°28	27°55	15°11	24°59	15°33	17° 9	15°34	n.a.	F 6
S 7	6 20 42	6°41'38	9♊24	23°56	16°32	17°19	6°39	4°25	27°58	15° 9	25° 0	15°27	17° 6	15°41	n.a.	S 7
S 8	6 24 38	7°42'11	24°29	25°18	17°46	17°54	6°44	4°21	28° 1	15° 8	25° 2	15°21	17° 3	15°47	n.a.	S 8
M 9	6 28 35	8°42'42	9♋45	26°35	19° 1	18°29	6°49	4°17	28° 4	15° 6	25° 4	15°16	17° 0	15°54	n.a.	M 9
T 10	6 32 31	9°43'11	25° 0	27°46	20°15	19° 4	6°55	4°13	28° 7	15° 4	25° 5	15°13	16°56	16° 1	n.a.	T 10
W11	6 36 28	10°43'39	10♌ 6	28°51	21°30	19°40	7° 1	4° 9	28°10	15° 3	25° 7	15°D12	16°53	16° 7	n.a.	W11
T 12	6 40 24	11°44'05	24°53	29°48	22°45	20°15	7° 6	4° 4	28°13	15° 1	25° 9	15°12	16°50	16°14	n.a.	T 12
F 13	6 44 21	12°44'29	9♍16	0♒37	23°59	20°50	7°13	4° 0	28°15	14°59	25°10	15°13	16°47	16°21	n.a.	F 13
S 14	6 48 17	13°44'52	23°13	1°17	25°14	21°25	7°19	3°56	28°18	14°58	25°12	15°15	16°44	16°27	n.a.	S 14
S 15	6 52 14	14°45'13	6♎44	1°48	26°28	22° 0	7°25	3°52	28°21	14°56	25°13	15°16	16°41	16°34	n.a.	S 15
M16	6 56 11	15°45'32	19°51	2°10	27°43	22°35	7°32	3°47	28°24	14°54	25°15	15°R16	16°37	16°41	n.a.	M16
T 17	7 0 7	16°45'50	2♏37	2°22	28°57	23° 9	7°38	3°43	28°26	14°53	25°16	15°15	16°34	16°47	n.a.	T 17
W18	7 4 4	17°46'06	15° 5	2°R24	0♉12	23°44	7°45	3°38	28°29	14°51	25°18	15°13	16°31	16°54	n.a.	W18
T 19	7 8 0	18°46'21	27°20	2°16	1°26	24°19	7°52	3°34	28°32	14°49	25°19	15° 9	16°28	17° 1	n.a.	T 19
F 20	7 11 57	19°46'34	9♐25	1°59	2°41	24°53	7°59	3°30	28°34	14°47	25°21	15° 5	16°25	17° 7	n.a.	F 20
S 21	7 15 53	20°46'45	21°22	1°33	3°55	25°28	8° 7	3°25	28°37	14°46	25°22	15° 0	16°22	17°14	n.a.	S 21
S 22	7 19 50	21°46'54	3♉13	0°58	5°10	26° 2	8°14	3°20	28°39	14°44	25°24	14°56	16°18	17°21	n.a.	S 22
M23	7 23 46	22°47'02	15° 2	0°16	6°24	26°37	8°22	3°16	28°42	14°42	25°25	14°53	16°15	17°27	n.a.	M23
T 24	7 27 43	23°47'07	26°50	29♉27	7°39	27°11	8°30	3°11	28°44	14°41	25°26	14°51	16°12	17°34	n.a.	T 24
W25	7 31 40	24°47'10	8♒39	28°34	8°53	27°45	8°37	3° 7	28°47	14°39	25°28	14°50	16° 9	17°41	n.a.	W25
T 26	7 35 36	25°47'11	20°32	27°36	10° 8	28°19	8°46	3° 2	28°49	14°38	25°29	14°D50	16° 6	17°47	n.a.	T 26
F 27	7 39 33	26°47'10	2♓30	26°36	11°22	28°53	8°54	2°57	28°51	14°36	25°30	14°50	16° 2	17°54	n.a.	F 27
S 28	7 43 29	27°47'07	14°37	25°35	12°37	29°27	9° 2	2°53	28°54	14°34	25°31	14°52	15°59	18° 1	n.a.	S 28
S 29	7 47 26	28°47'01	26°56	24°35	13°51	0♏ 0	9°10	2°48	28°56	14°33	25°33	14°53	15°56	18° 7	n.a.	S 29
M30	7 51 22	29°46'53	9♈30	23°36	15° 6	0°34	9°19	2°43	28°58	14°31	25°34	14°54	15°53	18°14	n.a.	M30
T 31	7 55 19	0♒46'43	22♈23	22♉40	16♉20	1♏ 8	9♈28	2♌38	29♏ 0	14♋29	25♏35	14♌55	15♌50	18♉21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23s50	7s27	2s45	24s20	1s17	21s56	0n15	4s 8	1n30	1n24	1s12	21n 0	1n40	19s56	0n 1	23n14	0n18	15s19	4n 5	16n23	15n52	20s14			n.a.
M 2	23 50	3 13	3 38	24 0	1 9	22 10	0 12	4 22	1 30	1 26	1 11	21 1	1 40	19 57	0 1	23 14	0 18	15 20	4 5	16 22	15 53	20 14			n.a.
T 3	23 48	1n16	4 22	23 38	1 0	22 23	0 10	4 36	1 30	1 28	1 11	21 2	1 40	19 58	0 1	23 15	0 18	15 20	4 5	16 23	15 54	20 14			n.a.
W 4	23 47	5 50	4 53	23 14	0 50	22 35	0 7	4 50	1 30	1 30	1 11	21 3	1 41	19 59	0 1	23 15	0 18	15 21	4 5	16 23	15 55	20 14			n.a.
T 5	23 45	10 16	5 9	22 49	0 39	22 47	0 5	5 4	1 29	1 32	1 10	21 4	1 41	19 59	0 1	23 15	0 18	15 21	4 5	16 25	15 56	20 14			n.a.
F 6	23 43	14 17	5 7	22 23	0 28	22 59	0 2	5 18	1 29	1 35	1 10	21 6	1 41	20 0	0 1	23 15	0 18	15 22	4 5	16 26	15 57	20 14			n.a.
S 7	23 40	17 33	4 44	21 56	0 15	23 9	0s 1	5 32	1 29	1 37	1 10	21 7	1 41	20 1	0 1	23 15	0 18	15 22	4 5	16 28	15 58	20 14			n.a.
S 8	23 36	19 42	4 1	21 28	0 2	23 19	0 3	5 46	1 29	1 39	1 9	21 8	1 41	20 1	0 1	23 16	0 18	15 22	4 5	16 30	15 59	20 14			n.a.
M 9	23 33	20 27	3 1	21 0	0n12	23 28	0 6	6 0	1 29	1 42	1 9	21 9	1 42	20 2	0 1	23 16	0 18	15 23	4 5	16 31	16 0	20 14			n.a.
T 10	23 28	19 43	1 48	20 31	0 26	23 37	0 8	6 14	1 28	1 44	1 9	21 10	1 42	20 3	0 1	23 16	0 18	15 23	4 5	16 32	16 1	20 14			n.a.
W11	23 24	17 34	0 28	20 3	0 42	23 44	0 11	6 27	1 28	1 47	1 9	21 11	1 42	20 3	0 1	23 16	0 18	15 24	4 5	16 33	16 2	20 14			n.a.
T 12	23 18	14 16	0n53	19 36	0 57	23 51	0 13	6 41	1 28	1 49	1 8	21 12	1 42	20 4	0 1	23 16	0 18	15 24	4 5	16 33	16 3	20 14			n.a.
F 13	23 13	10 12	2 8	19 9	1 13	23 58	0 16	6 55	1 28	1 52	1 8	21 14	1 42	20 5	0 1	23 17	0 18	15 24	4 5	16 32	16 4	20 13			n.a.
S 14	23 7	5 41	3 13	18 45	1 30	24 3	0 18	7 8	1 27	1 55	1 8	21 15	1 42	20 5	0 1	23 17	0 18	15 25	4 5	16 32	16 5	20 13			n.a.
S 15	23 0	1 2	4 6	18 22	1 46	24 8	0 21	7 22	1 27	1 58	1 7	21 16	1 43	20 6	0 1	23 17	0 18	15 25	4 5	16 31	16 6	20 13			n.a.
M16	22 53	3s31	4 44	18 1	2 3	24 12	0 23	7 35	1 27	2 1	1 7	21 17	1 43	20 7	0 1	23 17	0 18	15 26	4 5	16 31	16 7	20 13			n.a.
T 17	22 46	7 47	5 6	17 42	2 19	24 15	0 25	7 48	1 27	2 4	1 7	21 18	1 43	20 7	0 1	23 17	0 18	15 26	4 5	16 32	16 8	20 13			n.a.
W18	22 38	11 38	5 14	17 27	2 34	24 18	0 28	8 2	1 26	2 7	1 6	21 20	1 43	20 8	0 1	23 18	0 18	15 26	4 5	16 32	16 9	20 13			n.a.
T 19	22 30	14 55	5 7	17 14	2 49	24 20	0 30	8 15	1 26	2 10	1 6	21 21	1 43	20 8	0 1	23 18	0 18	15 27	4 5	16 34	16 10	20 13			n.a.
F 20	22 21	17 31	4 46	17 5	3 3	24 21	0 32	8 28	1 26	2 13	1 6	21 22	1 43	20 9	0 1	23 18	0 18	15 27	4 5	16 35	16 11	20 13			n.a.
S 21	22 12	19 20	4 13	16 58	3 15	24 21	0 35	8 41	1 25	2 16	1 6	21 23	1 43	20 10	0 1	23 18	0 18	15 27	4 5	16 36	16 12	20 13			n.a.
S 22	22 2	20 18	3 30	16 55	3 27	24 21	0 37	8 54	1 25	2 19	1 5	21 24	1 43	20 10	0 1	23 18	0 18	15 28	4 5	16 37	16 13	20 13			n.a.
M23	21 52	20 22	2 37	16 55	3 36	24 20	0 39	9 7	1 25	2 23	1 5	21 26	1 44	20 11	0 1	23 19	0 18	15 28	4 5	16 38	16 14	20 13			n.a.
T 24	21 42	19 32	1 38	16 57	3 44	24 18	0 41	9 20	1 24	2 26	1 5	21 27	1 44	20 11	0 1	23 19	0 18	15 28	4 5	16 39	16 15	20 13			n.a.
W25	21 31	17 51	0 34	17 3	3 49	24 15	0 43	9 33	1 24	2 29	1 5	21 28	1 44	20 12	0 1	23 19	0 18	15 29	4 5	16 39	16 16	20 13			n.a.
T 26	21 20	15 23	0s32	17 11	3 53	24 12	0 45	9 45	1 23	2 33	1 4	21 29	1 44	20 12	0 1	23 19	0 18	15 29	4 5	16 39	16 16	20 12			n.a.
F 27	21 9	12 15	1 36	17 21	3 54	24 8	0 48	9 58	1 23	2 36	1 4	21 30	1 44	20 13	0 1	23 19	0 18	15 29	4 5	16 39	16 17	20 12			n.a.
S 28	20 57	8 34	2 38	17 33	3 54	24 3	0 50	10 11	1 22	2 40	1 4	21 32	1 44	20 13	0 1	23 20	0 18	15 29	4 5	16 39	16 18	20 12			n.a.
S 29	20 45	4 29	3 33	17 46	3 51	23 57	0 51	10 23	1 22	2 44	1 3	21 33	1 44	20 14	0 1	23 20	0 18	15 30	4 5	16 38	16 19	20 12			n.a.
M30	20 32	0 8	4 19	18 1	3 46	23 51	0 53	10 35	1 21	2 47	1 3	21 34	1 44	20 14	0 1	23 20	0 18	15 30	4 5	16 38	16 20	20 12			n.a.
T 31	20s19	4n19	4s53	18s17	3n40	23s44	0s55	10s48	1n21	2n51	1s 3	21n35	1n44	20s15	0n 1	23n20	0n18	15s30	4n 5	16n38	16n21	20s12			n.a.

Julian Day Number = 1282027.5, Delta T = 08h07m14s
Ecliptic obliquity = 23°50'08, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'47, Lahiri = -20°33'47 Julian Calendar 1 Jan. 1203 BCE == Greg. Calendar 21 Dec. 1204 BCE

The year -1202 astronomical counting style corresponds to year 1203 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1203 BCE
geocentric

FEBRUARY 1203 BCE (-1202) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 59 15	1♒46'30	5♉38	21°R48	17♑35	1♏41	9♈37	2°R34	29♏ 2	14°R28	25♏36	14°R55	15♌47	18♑27	n.a.	W 1
T 2	8 3 12	2°46'15	19°17	21♑ 1	18°49	2°14	9°46	2♌29	29° 4	14♋26	25°37	14♌55	15°43	18°34	n.a.	T 2
F 3	8 7 8	3°45'57	3♊22	20°19	20° 3	2°47	9°55	2°24	29° 6	14°25	25°38	14°54	15°40	18°41	n.a.	F 3
S 4	8 11 5	4°45'37	17°52	19°43	21°18	3°21	10° 4	2°19	29° 8	14°23	25°39	14°53	15°37	18°47	n.a.	S 4
S 5	8 15 2	5°45'15	2♋42	19°13	22°32	3°54	10°13	2°15	29°10	14°22	25°40	14°52	15°34	18°54	n.a.	S 5
M 6	8 18 58	6°44'50	17°47	18°50	23°46	4°26	10°23	2°10	29°12	14°20	25°41	14°51	15°31	19° 1	n.a.	M 6
T 7	8 22 55	7°44'23	2♌58	18°33	25° 1	4°59	10°32	2° 5	29°14	14°19	25°42	14°50	15°28	19° 7	n.a.	T 7
W 8	8 26 51	8°43'54	18° 5	18°22	26°15	5°32	10°42	2° 1	29°16	14°17	25°43	14°D50	15°24	19°14	n.a.	W 8
T 9	8 30 48	9°43'23	3♍ 0	18°D17	27°29	6° 4	10°52	1°56	29°18	14°16	25°44	14°50	15°21	19°21	n.a.	T 9
F 10	8 34 44	10°42'49	17°34	18°18	28°44	6°37	11° 2	1°51	29°19	14°14	25°45	14°51	15°18	19°27	n.a.	F 10
S 11	8 38 41	11°42'14	1♎44	18°26	29°58	7° 9	11°12	1°47	29°21	14°13	25°46	14°51	15°15	19°34	n.a.	S 11
S 12	8 42 37	12°41'36	15°26	18°38	1♒12	7°41	11°22	1°42	29°23	14°11	25°46	14°51	15°12	19°41	n.a.	S 12
M13	8 46 34	13°40'57	28°42	18°56	2°26	8°13	11°32	1°38	29°24	14°10	25°47	14°51	15° 8	19°47	n.a.	M13
T 14	8 50 31	14°40'16	11♏33	19°19	3°41	8°45	11°42	1°33	29°26	14° 8	25°48	14°51	15° 5	19°54	n.a.	T 14
W15	8 54 27	15°39'33	24° 3	19°46	4°55	9°17	11°53	1°28	29°27	14° 7	25°49	14°51	15° 2	20° 0	n.a.	W15
T 16	8 58 24	16°38'48	6♐17	20°19	6° 9	9°49	12° 3	1°24	29°29	14° 6	25°49	14°51	14°59	20° 7	n.a.	T 16
F 17	9 2 20	17°38'01	18°17	20°55	7°24	10°20	12°14	1°20	29°30	14° 4	25°50	14°52	14°56	20°14	n.a.	F 17
S 18	9 6 17	18°37'12	0♑10	21°35	8°38	10°51	12°25	1°15	29°31	14° 3	25°51	14°52	14°53	20°20	n.a.	S 18
S 19	9 10 13	19°36'21	11°58	22°19	9°52	11°23	12°36	1°11	29°33	14° 2	25°51	14°53	14°49	20°27	n.a.	S 19
M20	9 14 10	20°35'28	23°45	23° 6	11° 6	11°53	12°46	1° 6	29°34	14° 0	25°52	14°53	14°46	20°34	n.a.	M20
T 21	9 18 6	21°34'33	5♒35	23°57	12°20	12°24	12°57	1° 2	29°35	13°59	25°52	14°53	14°43	20°40	n.a.	T 21
W22	9 22 3	22°33'36	17°29	24°51	13°35	12°55	13° 9	0°58	29°36	13°58	25°53	14°R54	14°40	20°47	n.a.	W22
T 23	9 25 59	23°32'37	29°30	25°48	14°49	13°25	13°20	0°54	29°37	13°57	25°53	14°53	14°37	20°54	n.a.	T 23
F 24	9 29 56	24°31'36	11♓40	26°48	16° 3	13°56	13°31	0°50	29°38	13°55	25°54	14°52	14°33	21° 0	n.a.	F 24
S 25	9 33 53	25°30'32	24° 1	27°51	17°17	14°26	13°42	0°45	29°39	13°54	25°54	14°51	14°30	21° 7	n.a.	S 25
S 26	9 37 49	26°29'26	6♈33	28°56	18°31	14°56	13°54	0°41	29°40	13°53	25°54	14°50	14°27	21°14	n.a.	S 26
M27	9 41 46	27°28'17	19°19	0♒ 3	19°45	15°25	14° 5	0°37	29°41	13°52	25°55	14°48	14°24	21°20	n.a.	M27
T 28	9 45 42	28♒27'07	2♉20	1♒13	21♒ 0	15♏55	14♈17	0♌34	29♏42	13♋51	25♏55	14♌46	14♌21	21♑27	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s 6	8n42	5s13	18s33	3n32	23s36	0s57	11s 0	1n20	2n55	1s 3	21n36	1n45	20s15	0n 1	23n20	0n18	15s30	4n 5	16n38	16n22	20s12		n.a.
T 2	19 52	12 46	5 16	18 50	3 22	23 28	0 59	11 12	1 20	2 58	1 2	21 38	1 45	20 16	0 1	23 21	0 18	15 31	4 5	16 38	16 23	20 12		n.a.
F 3	19 38	16 15	5 1	19 7	3 12	23 18	1 1	11 24	1 19	3 2	1 2	21 39	1 45	20 16	0 1	23 21	0 18	15 31	4 5	16 38	16 24	20 12		n.a.
S 4	19 23	18 51	4 26	19 24	3 0	23 8	1 2	11 36	1 19	3 6	1 2	21 40	1 45	20 17	0 1	23 21	0 18	15 31	4 5	16 38	16 25	20 11		n.a.
S 5	19 9	20 15	3 33	19 40	2 47	22 58	1 4	11 48	1 18	3 10	1 2	21 41	1 45	20 17	0 1	23 21	0 18	15 31	4 5	16 39	16 26	20 11		n.a.
M 6	18 54	20 14	2 25	19 56	2 34	22 47	1 5	12 0	1 18	3 14	1 1	21 42	1 45	20 18	0 1	23 21	0 18	15 32	4 6	16 39	16 27	20 11		n.a.
T 7	18 38	18 45	1 6	20 12	2 21	22 35	1 7	12 11	1 17	3 18	1 1	21 43	1 45	20 18	0 1	23 21	0 18	15 32	4 6	16 39	16 28	20 11		n.a.
W 8	18 23	15 57	0n18	20 27	2 7	22 22	1 8	12 23	1 17	3 22	1 1	21 45	1 45	20 18	0 1	23 22	0 18	15 32	4 6	16 39	16 29	20 11		n.a.
T 9	18 7	12 7	1 39	20 41	1 53	22 9	1 10	12 34	1 16	3 26	1 1	21 46	1 45	20 19	0 1	23 22	0 18	15 32	4 6	16 39	16 30	20 11		n.a.
F 10	17 50	7 38	2 52	20 55	1 40	21 55	1 11	12 46	1 15	3 31	1 0	21 47	1 45	20 19	0 1	23 22	0 18	15 32	4 6	16 39	16 31	20 10		n.a.
S 11	17 34	2 51	3 52	21 8	1 26	21 40	1 12	12 57	1 15	3 35	1 0	21 48	1 45	20 20	0 1	23 22	0 18	15 32	4 6	16 39	16 32	20 10		n.a.
S 12	17 17	1s55	4 37	21 20	1 12	21 25	1 14	13 8	1 14	3 39	1 0	21 49	1 45	20 20	0 1	23 22	0 18	15 33	4 6	16 39	16 33	20 10		n.a.
M13	17 0	6 26	5 6	21 30	0 58	21 9	1 15	13 20	1 13	3 43	1 0	21 50	1 45	20 20	0 1	23 22	0 18	15 33	4 6	16 39	16 34	20 10		n.a.
T 14	16 42	10 31	5 17	21 40	0 45	20 53	1 16	13 31	1 12	3 48	1 0	21 51	1 45	20 21	0 1	23 23	0 18	15 33	4 6	16 39	16 35	20 10		n.a.
W15	16 24	14 2	5 14	21 49	0 32	20 36	1 17	13 42	1 12	3 52	0 59	21 52	1 45	20 21	0 1	23 23	0 18	15 33	4 6	16 39	16 36	20 10		n.a.
T 16	16 6	16 51	4 56	21 57	0 20	20 18	1 18	13 53	1 11	3 56	0 59	21 53	1 45	20 21	0 1	23 23	0 18	15 33	4 6	16 39	16 37	20 9		n.a.
F 17	15 48	18 54	4 26	22 3	0 8	20 0	1 19	14 3	1 10	4 1	0 59	21 54	1 45	20 22	0 1	23 23	0 18	15 33	4 6	16 39	16 38	20 9		n.a.
S 18	15 30	20 6	3 44	22 8	0s 4	19 41	1 20	14 14	1 9	4 5	0 59	21 55	1 45	20 22	0 1	23 23	0 18	15 33	4 6	16 39	16 38	20 9		n.a.
S 19	15 11	20 25	2 53	22 12	0 15	19 22	1 21	14 25	1 8	4 10	0 58	21 56	1 45	20 22	0 1	23 23	0 18	15 34	4 6	16 38	16 39	20 9		n.a.
M20	14 52	19 49	1 55	22 15	0 26	19 2	1 21	14 35	1 8	4 14	0 58	21 57	1 46	20 22	0 1	23 23	0 18	15 34	4 6	16 38	16 40	20 9		n.a.
T 21	14 33	18 21	0 52	22 17	0 37	18 41	1 22	14 45	1 7	4 19	0 58	21 58	1 46	20 23	0 1	23 24	0 18	15 34	4 6	16 38	16 41	20 8		n.a.
W22	14 13	16 5	0s14	22 17	0 47	18 20	1 23	14 56	1 6	4 23	0 58	21 59	1 46	20 23	0 1	23 24	0 18	15 34	4 6	16 38	16 42	20 8		n.a.
T 23	13 54	13 5	1 20	22 15	0 56	17 59	1 23	15 6	1 5	4 28	0 58	22 0	1 46	20 23	0 1	23 24	0 18	15 34	4 6	16 38	16 43	20 8		n.a.
F 24	13 34	9 30	2 23	22 13	1 5	17 37	1 24	15 16	1 4	4 32	0 57	22 1	1 46	20 23	0 1	23 24	0 18	15 34	4 6	16 38	16 44	20 8		n.a.
S 25	13 14	5 29	3 20	22 9	1 14	17 15	1 24	15 26	1 3	4 37	0 57	22 2	1 46	20 24	0 1	23 24	0 19	15 34	4 6	16 39	16 45	20 7		n.a.
S 26	12 53	1 10	4 9	22 3	1 22	16 52	1 24	15 36	1 2	4 42	0 57	22 3	1 46	20 24	0 1	23 24	0 19	15 34	4 6	16 39	16 46	20 7		n.a.
M27	12 33	3n17	4 46	21 56	1 30	16 28	1 25	15 46	1 1	4 47	0 57	22 4	1 46	20 24	0 1	23 24	0 19	15 34	4 6	16 40	16 47	20 7		n.a.
T 28	12s12	7n39	5s 9	21s48	1s37	16s 5	1s25	15s55	1n 0	4n51	0s57	22n 5	1n46	20s24	0n 1	23n25	0n19	15s34	4n 6	16n40	16n48	20s 7		n.a.

Julian Day Number = 1282058.5, Delta T = 08h07m12s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'43, Lahiri = -20°33'42 Julian Calendar 1 Feb. 1203 BCE == Greg. Calendar 21 Jan. 1203 BCE

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ASTRODIENST EPHEMERIS for the year 1203 BCE
geocentric

MARCH 1203 BCE (-1202) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 49 39	29♒25'53	15♉38	2♒25	22♒14	16♏24	14♈29	0°R30	29♏43	13°R50	25♏55	14°R45	14♌18	21♑34	n.a.	W 1
T 2	9 53 35	0♓24'38	29°15	3°39	23°28	16°53	14°40	0♌26	29°43	13♋49	25°55	14°D45	14°14	21°40	n.a.	T 2
F 3	9 57 32	1°23'20	13♊ 9	4°56	24°42	17°22	14°52	0°22	29°44	13°48	25°56	14♌45	14°11	21°47	n.a.	F 3
S 4	10 1 28	2°22'00	27°23	6°14	25°56	17°51	15° 4	0°19	29°45	13°47	25°56	14°46	14° 8	21°54	n.a.	S 4
S 5	10 5 25	3°20'37	11♋52	7°34	27°10	18°19	15°16	0°15	29°45	13°46	25°56	14°47	14° 5	22° 0	n.a.	S 5
M 6	10 9 21	4°19'12	26°35	8°57	28°24	18°48	15°28	0°11	29°46	13°45	25°56	14°49	14° 2	22° 7	n.a.	M 6
T 7	10 13 18	5°17'45	11♌26	10°21	29°38	19°16	15°40	0° 8	29°46	13°44	25°56	14°R49	13°59	22°14	n.a.	T 7
W 8	10 17 15	6°16'16	26°17	11°47	0♓52	19°44	15°53	0° 5	29°47	13°43	25°56	14°49	13°55	22°20	n.a.	W 8
T 9	10 21 11	7°14'44	11♍ 2	13°14	2° 6	20°11	16° 5	0° 1	29°47	13°42	25°R56	14°48	13°52	22°27	n.a.	T 9
F 10	10 25 8	8°13'10	25°33	14°44	3°20	20°39	16°17	29♋58	29°47	13°41	25°56	14°45	13°49	22°34	n.a.	F 10
S 11	10 29 4	9°11'35	9♎45	16°15	4°34	21° 6	16°29	29°55	29°48	13°41	25°56	14°42	13°46	22°40	n.a.	S 11
S 12	10 33 1	10° 9'57	23°32	17°48	5°48	21°33	16°42	29°52	29°48	13°40	25°56	14°38	13°43	22°47	n.a.	S 12
M13	10 36 57	11° 8'18	6♏54	19°23	7° 2	21°59	16°54	29°49	29°48	13°39	25°56	14°35	13°39	22°54	n.a.	M13
T 14	10 40 54	12° 6'37	19°50	21° 0	8°16	22°25	17° 7	29°46	29°48	13°38	25°56	14°32	13°36	23° 0	n.a.	T 14
W15	10 44 50	13° 4'54	2♐25	22°38	9°30	22°51	17°20	29°43	29°48	13°38	25°56	14°30	13°33	23° 7	n.a.	W15
T 16	10 48 47	14° 3'10	14°40	24°18	10°44	23°17	17°32	29°41	29°R48	13°37	25°56	14°D29	13°30	23°14	n.a.	T 16
F 17	10 52 44	15° 1'24	26°41	26° 0	11°58	23°43	17°45	29°38	29°48	13°36	25°55	14°30	13°27	23°20	n.a.	F 17
S 18	10 56 40	15°59'37	8♑34	27°43	13°12	24° 8	17°58	29°35	29°48	13°36	25°55	14°31	13°24	23°27	n.a.	S 18
S 19	11 0 37	16°57'47	20°21	29°28	14°26	24°33	18°11	29°33	29°48	13°35	25°55	14°33	13°20	23°34	n.a.	S 19
M20	11 4 33	17°55'57	2♒10	1♓15	15°40	24°57	18°23	29°31	29°48	13°35	25°55	14°35	13°17	23°40	n.a.	M20
T 21	11 8 30	18°54'04	14° 3	3° 3	16°54	25°21	18°36	29°28	29°48	13°34	25°54	14°R35	13°14	23°47	n.a.	T 21
W22	11 12 26	19°52'10	26° 3	4°54	18° 8	25°45	18°49	29°26	29°47	13°34	25°54	14°35	13°11	23°53	n.a.	W22
T 23	11 16 23	20°50'14	8♓15	6°46	19°22	26° 9	19° 2	29°24	29°47	13°33	25°53	14°32	13° 8	24° 0	n.a.	T 23
F 24	11 20 19	21°48'16	20°40	8°40	20°36	26°32	19°15	29°22	29°47	13°33	25°53	14°28	13° 4	24° 7	n.a.	F 24
S 25	11 24 16	22°46'16	3♈18	10°35	21°49	26°55	19°29	29°20	29°46	13°32	25°53	14°23	13° 1	24°13	n.a.	S 25
S 26	11 28 12	23°44'15	16°10	12°32	23° 3	27°17	19°42	29°18	29°46	13°32	25°52	14°16	12°58	24°20	n.a.	S 26
M27	11 32 9	24°42'12	29°17	14°31	24°17	27°39	19°55	29°17	29°45	13°32	25°52	14° 9	12°55	24°27	n.a.	M27
T 28	11 36 6	25°40'07	12♉36	16°32	25°31	28° 1	20° 8	29°15	29°45	13°31	25°51	14° 3	12°52	24°33	n.a.	T 28
W29	11 40 2	26°38'00	26° 8	18°34	26°45	28°22	20°21	29°14	29°44	13°31	25°50	13°58	12°49	24°40	n.a.	W29
T 30	11 43 59	27°35'51	9♊52	20°38	27°59	28°43	20°35	29°12	29°43	13°31	25°50	13°55	12°45	24°47	n.a.	T 30
F 31	11 47 55	28♓33'41	23♊46	22♓43	29♓13	29♏ 4	20♈48	29♋11	29♏42	13♋31	25♏49	13°D53	12♌42	24♑53	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	11s52	11n45	5s17	21s37	1s43	15s40	1s25	16s 5	0n59	4n56	0s56	22n 6	1n46	20s24	0n 1	23n25	0n19	15s34	4n 6	16n41	16n49	20s 7					n.a.
T 2	11 31	15 20	5 7	21 26	1 50	15 16	1 25	16 14	0 58	5 1	0 56	22 6	1 45	20 25	0 1	23 25	0 19	15 34	4 6	16 41	16 50	20 6					n.a.
F 3	11 9	18 9	4 39	21 13	1 55	14 51	1 25	16 24	0 56	5 6	0 56	22 7	1 45	20 25	0 1	23 25	0 19	15 34	4 6	16 41	16 51	20 6					n.a.
S 4	10 48	19 55	3 53	20 58	2 0	14 25	1 25	16 33	0 55	5 11	0 56	22 8	1 45	20 25	0 1	23 25	0 19	15 34	4 6	16 40	16 52	20 6					n.a.
S 5	10 27	20 26	2 52	20 42	2 5	13 59	1 25	16 42	0 54	5 15	0 56	22 9	1 45	20 25	0 1	23 25	0 19	15 34	4 6	16 40	16 53	20 6					n.a.
M 6	10 5	19 34	1 39	20 24	2 9	13 33	1 25	16 51	0 53	5 20	0 55	22 10	1 45	20 25	0 1	23 25	0 19	15 34	4 6	16 40	16 53	20 5					n.a.
T 7	9 43	17 20	0 19	20 4	2 13	13 7	1 25	17 0	0 51	5 25	0 55	22 10	1 45	20 25	0 1	23 25	0 19	15 34	4 6	16 39	16 54	20 5					n.a.
W 8	9 22	13 57	1n 3	19 43	2 16	12 40	1 25	17 9	0 50	5 30	0 55	22 11	1 45	20 25	0 1	23 25	0 19	15 34	4 6	16 40	16 55	20 5					n.a.
T 9	9 0	9 42	2 20	19 20	2 18	12 13	1 24	17 18	0 49	5 35	0 55	22 12	1 45	20 25	0 1	23 26	0 19	15 34	4 6	16 40	16 56	20 4					n.a.
F 10	8 37	4 56	3 26	18 55	2 21	11 45	1 24	17 27	0 47	5 40	0 55	22 12	1 45	20 26	0 1	23 26	0 19	15 34	4 6	16 41	16 57	20 4					n.a.
S 11	8 15	0 1	4 18	18 29	2 22	11 17	1 24	17 35	0 46	5 45	0 55	22 13	1 45	20 26	0 1	23 26	0 19	15 34	4 6	16 42	16 58	20 4					n.a.
S 12	7 53	4s45	4 53	18 1	2 23	10 49	1 23	17 44	0 45	5 50	0 54	22 14	1 45	20 26	0 1	23 26	0 19	15 34	4 6	16 43	16 59	20 4					n.a.
M13	7 30	9 8	5 12	17 31	2 24	10 21	1 23	17 52	0 43	5 55	0 54	22 14	1 45	20 26	0 1	23 26	0 19	15 34	4 6	16 44	17 0	20 3					n.a.
T 14	7 8	12 58	5 13	17 0	2 24	9 52	1 22	18 1	0 42	6 0	0 54	22 15	1 45	20 26	0 1	23 26	0 19	15 34	4 7	16 45	17 1	20 3					n.a.
W15	6 45	16 6	4 59	16 27	2 23	9 23	1 21	18 9	0 40	6 5	0 54	22 15	1 45	20 26	0 1	23 26	0 19	15 34	4 7	16 45	17 2	20 3					n.a.
T 16	6 22	18 26	4 32	15 52	2 22	8 54	1 21	18 17	0 39	6 10	0 54	22 16	1 45	20 26	0 1	23 26	0 19	15 34	4 7	16 45	17 3	20 2					n.a.
F 17	6 0	19 55	3 53	15 16	2 20	8 25	1 20	18 25	0 37	6 15	0 54	22 16	1 45	20 26	0 1	23 26	0 19	15 34	4 7	16 45	17 4	20 2					n.a.
S 18	5 37	20 29	3 5	14 37	2 18	7 55	1 19	18 33	0 35	6 20	0 53	22 17	1 45	20 26	0 1	23 26	0 19	15 34	4 7	16 45	17 5	20 2					n.a.
S 19	5 14	20 8	2 9	13 57	2 15	7 25	1 18	18 41	0 34	6 25	0 53	22 17	1 45	20 26	0 1	23 26	0 19	15 34	4 7	16 44	17 6	20 1					n.a.
M20	4 51	18 55	1 8	13 16	2 12	6 55	1 17	18 48	0 32	6 31	0 53	22 18	1 45	20 26	0 1	23 26	0 19	15 34	4 7	16 44	17 6	20 1					n.a.
T 21	4 28	16 50	0 3	12 32	2 8	6 25	1 16	18 56	0 30	6 36	0 53	22 18	1 45	20 26	0 1	23 26	0 19	15 33	4 7	16 44	17 7	20 1					n.a.
W22	4 5	14 1	1s 2	11 47	2 4	5 55	1 15	19 4	0 28	6 41	0 53	22 19	1 45	20 26	0 1	23 26	0 19	15 33	4 7	16 44	17 8	20 0					n.a.
T 23	3 41	10 33	2 6	11 1	1 59	5 24	1 14	19 11	0 26	6 46	0 53	22 19	1 44	20 26	0 1	23 27	0 19	15 33	4 7	16 44	17 9	20 0					n.a.
F 24	3 18	6 34	3 4	10 13	1 54	4 54	1 13	19 18	0 24	6 51	0 52	22 19	1 44	20 25	0 1	23 27	0 19	15 33	4 7	16 46	17 10	20 0					n.a.
S 25	2 55	2 14	3 54	9 23	1 48	4 23	1 11	19 26	0 23	6 56	0 52	22 20	1 44	20 25	0 1	23 27	0 19	15 33	4 7	16 47	17 11	19 59					n.a.
S 26	2 32	2n16	4 34	8 31	1 41	3 52	1 10	19 33	0 21	7 1	0 52	22 20	1 44	20 25	0 1	23 27	0 19	15 33	4 7	16 49	17 12	19 59					n.a.
M27	2 8	6 44	4 59	7 38	1 34	3 21	1 9	19 40	0 18	7 7	0 52	22 20	1 44	20 25	0 1	23 27	0 19	15 33	4 7	16 51	17 13	19 59					n.a.
T 28	1 45	10 58	5 10	6 44	1 27	2 50	1 7	19 47	0 16	7 12	0 52	22 20	1 44	20 25	0 1	23 27	0 19	15 33	4 7	16 53	17 14	19 58					n.a.
W29	1 22	14 42	5 3	5 48	1 19	2 19	1 6	19 54	0 14	7 17	0 52	22 21	1 44	20 25	0 1	23 27	0 19	15 32	4 7	16 55	17 15	19 58					n.a.
T 30	0 58	17 42	4 39	4 51	1 10	1 48	1 4	20 0	0 12	7 22	0 52	22 21	1 44	20 25	0 1	23 27	0 19	15 32	4 7	16 55	17 16	19 58					n.a.
F 31	0s35	19n43	3s58	3s53	1s 1	1s16	1s 3	20s 7	0n10	7n27	0s51	22n21	1n44	20s25	0n 1	23n27	0n19	15s32	4n 7	16n56	17n17	19s57					n.a.

Julian Day Number = 1282086.5, Delta T = 08h07m11s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'39, Lahiri = -20°33'39 Julian Calendar 1 March 1203 BCE == Greg. Calendar 18 Feb. 1203 BCE

The year -1202 astronomical counting style corresponds to year 1203 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1203 BCE
geocentric

APRIL 1203 BCE (-1202) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 51 52	29♓31'28	7♋51	24♓49	0♈26	29♏24	21♈ 1	29°R10	29°R42	13°R31	25°R49	13♌54	12♌39	25♑ 0	n.a.	S 1
S 2	11 55 48	0♈29'14	22° 5	26°57	1°40	29°43	21°15	29♋ 9	29♏41	13♋30	25♏48	13°55	12°36	25° 7	n.a.	S 2
M 3	11 59 45	1°26'58	6♌26	29° 5	2°54	0♐ 2	21°28	29° 8	29°40	13°30	25°47	13°R56	12°33	25°13	n.a.	M 3
T 4	12 3 41	2°24'39	20°52	1♈15	4° 8	0°21	21°42	29° 7	29°39	13°30	25°46	13°56	12°30	25°20	n.a.	T 4
W 5	12 7 38	3°22'19	5♍18	3°25	5°22	0°39	21°55	29° 6	29°38	13°D30	25°46	13°54	12°26	25°27	n.a.	W 5
T 6	12 11 35	4°19'58	19°41	5°36	6°35	0°57	22° 9	29° 5	29°37	13°30	25°45	13°50	12°23	25°33	n.a.	T 6
F 7	12 15 31	5°17'35	3♎55	7°46	7°49	1°15	22°22	29° 4	29°36	13°30	25°44	13°44	12°20	25°40	n.a.	F 7
S 8	12 19 28	6°15'10	17°54	9°57	9° 3	1°31	22°36	29° 4	29°35	13°30	25°43	13°36	12°17	25°47	n.a.	S 8
S 9	12 23 24	7°12'44	1♏34	12° 7	10°17	1°48	22°49	29° 4	29°34	13°31	25°42	13°27	12°14	25°53	n.a.	S 9
M10	12 27 21	8°10'17	14°52	14°17	11°30	2° 4	23° 3	29° 3	29°33	13°31	25°42	13°18	12°10	26° 0	n.a.	M10
T 11	12 31 17	9° 7'49	27°49	16°25	12°44	2°19	23°17	29° 3	29°32	13°31	25°41	13°11	12° 7	26° 6	n.a.	T 11
W12	12 35 14	10° 5'19	10♐24	18°33	13°58	2°34	23°30	29°D 3	29°30	13°31	25°40	13° 5	12° 4	26°13	n.a.	W12
T 13	12 39 10	11° 2'49	22°40	20°39	15°11	2°48	23°44	29° 3	29°29	13°31	25°39	13° 1	12° 1	26°20	n.a.	T 13
F 14	12 43 7	12° 0'17	4♑43	22°43	16°25	3° 2	23°58	29° 3	29°28	13°31	25°38	12°59	11°58	26°26	n.a.	F 14
S 15	12 47 3	12°57'45	16°36	24°45	17°39	3°15	24°11	29° 3	29°26	13°32	25°37	12°D59	11°55	26°33	n.a.	S 15
S 16	12 51 0	13°55'12	28°24	26°45	18°53	3°27	24°25	29° 4	29°25	13°32	25°36	12°59	11°51	26°40	n.a.	S 16
M17	12 54 57	14°52'37	10♒14	28°43	20° 6	3°39	24°39	29° 4	29°23	13°32	25°35	13°R 0	11°48	26°46	n.a.	M17
T 18	12 58 53	15°50'02	22°10	0♉39	21°20	3°51	24°53	29° 5	29°22	13°33	25°34	12°59	11°45	26°53	n.a.	T 18
W19	13 2 50	16°47'26	4♓17	2°32	22°34	4° 1	25° 6	29° 5	29°20	13°33	25°33	12°57	11°42	27° 0	n.a.	W19
T 20	13 6 46	17°44'49	16°38	4°22	23°47	4°11	25°20	29° 6	29°19	13°34	25°31	12°53	11°39	27° 6	n.a.	T 20
F 21	13 10 43	18°42'11	29°16	6°10	25° 1	4°21	25°34	29° 7	29°17	13°34	25°30	12°46	11°36	27°13	n.a.	F 21
S 22	13 14 39	19°39'32	12♈12	7°55	26°15	4°29	25°48	29° 8	29°15	13°35	25°29	12°37	11°32	27°20	n.a.	S 22
S 23	13 18 36	20°36'52	25°26	9°38	27°28	4°37	26° 2	29° 9	29°14	13°35	25°28	12°26	11°29	27°26	n.a.	S 23
M24	13 22 32	21°34'11	8♉57	11°17	28°42	4°45	26°15	29°10	29°12	13°36	25°27	12°15	11°26	27°33	n.a.	M24
T 25	13 26 29	22°31'29	22°41	12°54	29°56	4°51	26°29	29°11	29°10	13°37	25°26	12° 4	11°23	27°40	n.a.	T 25
W26	13 30 26	23°28'46	6♊35	14°27	1♉ 9	4°57	26°43	29°12	29° 8	13°37	25°24	11°56	11°20	27°46	n.a.	W26
T 27	13 34 22	24°26'02	20°36	15°58	2°23	5° 3	26°57	29°14	29° 7	13°38	25°23	11°49	11°16	27°53	n.a.	T 27
F 28	13 38 19	25°23'17	4♋42	17°26	3°36	5° 7	27°11	29°15	29° 5	13°39	25°22	11°46	11°13	28° 0	n.a.	F 28
S 29	13 42 15	26°20'31	18°49	18°51	4°50	5°11	27°25	29°17	29° 3	13°39	25°21	11°44	11°10	28° 6	n.a.	S 29
S 30	13 46 12	27♈17'44	2♌57	20♉13	6♉ 4	5♐14	27♈38	29♋19	29♏ 1	13♋40	25♏19	11°D44	11♌ 7	28♑13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s12	20n34	3s 3	2s53	0s52	0s45	1s 1	20s14	0n 8	7n33	0s51	22n21	1n44	20s24	0n 1	23n27	0n19	15s32	4n 7	16n56	17n17	19s57		n.a.
S 2	0n12	20 6	1 55	1 53	0 42	0 14	0 59	20 20	0 5	7 38	0 51	22 21	1 44	20 24	0 1	23 27	0 19	15 32	4 7	16 56	17 18	19 56		n.a.
M 3	0 35	18 19	0 40	0 52	0 33	0n18	0 58	20 27	0 3	7 43	0 51	22 22	1 44	20 24	0 1	23 27	0 19	15 32	4 7	16 55	17 19	19 56		n.a.
T 4	0 58	15 22	0n37	0n10	0 22	0 49	0 56	20 33	0 0	7 48	0 51	22 22	1 43	20 24	0 1	23 27	0 19	15 31	4 7	16 55	17 20	19 56		n.a.
W 5	1 22	11 28	1 53	1 12	0 12	1 20	0 54	20 40	0s 2	7 54	0 51	22 22	1 43	20 24	0 1	23 27	0 19	15 31	4 7	16 56	17 21	19 55		n.a.
T 6	1 45	6 54	3 0	2 14	0 1	1 52	0 52	20 46	0 5	7 59	0 51	22 22	1 43	20 24	0 1	23 27	0 19	15 31	4 7	16 57	17 22	19 55		n.a.
F 7	2 8	2 1	3 56	3 16	0n 9	2 23	0 50	20 52	0 7	8 4	0 51	22 22	1 43	20 23	0 1	23 27	0 19	15 31	4 7	16 59	17 23	19 54		n.a.
S 8	2 31	2s53	4 36	4 18	0 20	2 54	0 49	20 58	0 10	8 9	0 50	22 22	1 43	20 23	0 1	23 27	0 19	15 31	4 7	17 1	17 24	19 54		n.a.
S 9	2 54	7 32	5 0	5 20	0 30	3 25	0 47	21 4	0 13	8 14	0 50	22 22	1 43	20 23	0 1	23 27	0 19	15 30	4 7	17 4	17 25	19 54		n.a.
M10	3 18	11 42	5 6	6 21	0 41	3 56	0 45	21 10	0 15	8 20	0 50	22 22	1 43	20 23	0 1	23 27	0 19	15 30	4 7	17 6	17 26	19 53		n.a.
T 11	3 41	15 11	4 56	7 20	0 51	4 27	0 43	21 16	0 18	8 25	0 50	22 22	1 43	20 22	0 1	23 27	0 19	15 30	4 7	17 8	17 27	19 53		n.a.
W12	4 4	17 53	4 32	8 19	1 1	4 58	0 41	21 22	0 21	8 30	0 50	22 22	1 43	20 22	0 1	23 27	0 19	15 30	4 7	17 10	17 27	19 52		n.a.
T 13	4 26	19 42	3 56	9 16	1 10	5 29	0 38	21 27	0 24	8 35	0 50	22 22	1 43	20 22	0 1	23 27	0 19	15 30	4 7	17 11	17 28	19 52		n.a.
F 14	4 49	20 35	3 10	10 12	1 19	6 0	0 36	21 33	0 27	8 41	0 50	22 21	1 42	20 22	0 1	23 27	0 19	15 29	4 7	17 12	17 29	19 52		n.a.
S 15	5 12	20 32	2 17	11 6	1 28	6 31	0 34	21 39	0 30	8 46	0 50	22 21	1 42	20 21	0 1	23 27	0 19	15 29	4 7	17 12	17 30	19 51		n.a.
S 16	5 35	19 34	1 17	11 58	1 36	7 1	0 32	21 44	0 33	8 51	0 50	22 21	1 42	20 21	0 1	23 27	0 19	15 29	4 7	17 12	17 31	19 51		n.a.
M17	5 57	17 44	0 15	12 48	1 44	7 31	0 30	21 50	0 36	8 56	0 49	22 21	1 42	20 21	0 1	23 27	0 19	15 29	4 7	17 11	17 32	19 50		n.a.
T 18	6 20	15 7	0s49	13 37	1 51	8 2	0 28	21 55	0 40	9 1	0 49	22 21	1 42	20 20	0 1	23 27	0 19	15 29	4 7	17 12	17 33	19 50		n.a.
W19	6 42	11 49	1 51	14 22	1 57	8 32	0 25	22 0	0 43	9 7	0 49	22 21	1 42	20 20	0 1	23 27	0 19	15 28	4 7	17 12	17 34	19 49		n.a.
T 20	7 5	7 57	2 49	15 6	2 2	9 1	0 23	22 5	0 46	9 12	0 49	22 20	1 42	20 20	0 1	23 27	0 19	15 28	4 7	17 14	17 35	19 49		n.a.
F 21	7 27	3 40	3 41	15 48	2 7	9 31	0 21	22 11	0 50	9 17	0 49	22 20	1 42	20 19	0 1	23 26	0 19	15 28	4 7	17 16	17 36	19 48		n.a.
S 22	7 49	0n54	4 22	16 27	2 11	10 0	0 19	22 16	0 53	9 22	0 49	22 20	1 42	20 19	0 1	23 26	0 19	15 28	4 7	17 18	17 36	19 48		n.a.
S 23	8 11	5 31	4 49	17 4	2 15	10 30	0 16	22 21	0 57	9 27	0 49	22 19	1 42	20 19	0 1	23 26	0 19	15 27	4 7	17 21	17 37	19 47		n.a.
M24	8 33	9 57	5 2	17 38	2 18	10 58	0 14	22 26	1 0	9 33	0 49	22 19	1 41	20 18	0 1	23 26	0 19	15 27	4 7	17 24	17 38	19 47		n.a.
T 25	8 54	13 57	4 57	18 11	2 20	11 27	0 12	22 31	1 4	9 38	0 49	22 19	1 41	20 18	0 0	23 26	0 19	15 27	4 7	17 27	17 39	19 46		n.a.
W26	9 16	17 15	4 35	18 41	2 21	11 55	0 9	22 35	1 8	9 43	0 49	22 18	1 41	20 17	0 0	23 26	0 19	15 27	4 7	17 30	17 40	19 46		n.a.
T 27	9 37	19 34	3 57	19 8	2 21	12 24	0 7	22 40	1 12	9 48	0 48	22 18	1 41	20 17	0 0	23 26	0 19	15 26	4 7	17 32	17 41	19 46		n.a.
F 28	9 59	20 42	3 3	19 34	2 21	12 51	0 4	22 45	1 16	9 53	0 48	22 17	1 41	20 17	0 0	23 26	0 19	15 26	4 7	17 33	17 42	19 45		n.a.
S 29	10 20	20 32	1 59	19 57	2 20	13 19	0 2	22 49	1 19	9 58	0 48	22 17	1 41	20 16	0 0	23 26	0 19	15 26	4 6	17 33	17 43	19 45		n.a.
S 30	10n41	19n 4	0s47	20n18	2n18	13n46	0n 0	22s54	1s23	10n 3	0s48	22n17	1n41	20s16	0n 0	23n26	0n19	15s25	4n 6	17n33	17n44	19s44		n.a.

Julian Day Number = 1282117.5, Delta T = 08h07m09s
Ecliptic obliquity = 23°50'10, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'35, Lahiri = -20°33'34 Julian Calendar 1 Apr. 1203 BCE == Greg. Calendar 21 March 1203 BCE

The year -1202 astronomical counting style corresponds to year 1203 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1203 BCE
geocentric

MAY 1203 BCE (-1202) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 50 8	28♈14'55	17♌ 4	21♉32	7♉17	5♐17	27♈52	29♋20	28°R59	13♋41	25°R18	11°R44	11♌ 4	28♉19	n.a.	M 1
T 2	13 54 5	29°12'06	1♍10	22°48	8°31	5°18	28° 6	29°22	28♏57	13°42	25♏17	11♌43	11° 1	28°26	n.a.	T 2
W 3	13 58 1	0♉ 9'16	15°13	24° 0	9°44	5°19	28°20	29°24	28°55	13°43	25°15	11°40	10°57	28°33	n.a.	W 3
T 4	14 1 58	1° 6'24	29°10	25°10	10°58	5°R19	28°34	29°26	28°53	13°44	25°14	11°34	10°54	28°39	n.a.	T 4
F 5	14 5 55	2° 3'32	12♎59	26°16	12°11	5°19	28°48	29°29	28°51	13°44	25°13	11°25	10°51	28°46	n.a.	F 5
S 6	14 9 51	3° 0'39	26°37	27°19	13°25	5°18	29° 1	29°31	28°49	13°45	25°11	11°15	10°48	28°53	n.a.	S 6
S 7	14 13 48	3°57'46	9♏59	28°18	14°39	5°16	29°15	29°33	28°47	13°46	25°10	11° 3	10°45	28°59	n.a.	S 7
M 8	14 17 44	4°54'52	23° 5	29°14	15°52	5°13	29°29	29°36	28°45	13°47	25° 9	10°50	10°41	29° 6	n.a.	M 8
T 9	14 21 41	5°51'58	5♐53	0♊ 7	17° 6	5° 9	29°43	29°38	28°43	13°48	25° 7	10°39	10°38	29°13	n.a.	T 9
W10	14 25 37	6°49'04	18°23	0°55	18°19	5° 5	29°56	29°41	28°40	13°50	25° 6	10°30	10°35	29°19	n.a.	W10
T 11	14 29 34	7°46'09	0♑36	1°41	19°33	5° 0	0♉10	29°44	28°38	13°51	25° 4	10°24	10°32	29°26	n.a.	T 11
F 12	14 33 31	8°43'15	12°37	2°22	20°46	4°54	0°24	29°47	28°36	13°52	25° 3	10°20	10°29	29°33	n.a.	F 12
S 13	14 37 27	9°40'20	24°30	2°59	22° 0	4°48	0°38	29°50	28°34	13°53	25° 1	10°18	10°26	29°39	n.a.	S 13
S 14	14 41 24	10°37'25	6♒18	3°32	23°13	4°41	0°51	29°53	28°31	13°54	25° 0	10°17	10°22	29°46	n.a.	S 14
M15	14 45 20	11°34'30	18° 9	4° 1	24°27	4°33	1° 5	29°56	28°29	13°55	24°59	10°17	10°19	29°53	n.a.	M15
T 16	14 49 17	12°31'35	0♓ 6	4°26	25°40	4°24	1°19	29°59	28°27	13°57	24°57	10°16	10°16	29°59	n.a.	T 16
W17	14 53 13	13°28'40	12°15	4°46	26°54	4°15	1°32	0♌ 2	28°25	13°58	24°56	10°14	10°13	0♒ 6	n.a.	W17
T 18	14 57 10	14°25'45	24°42	5° 2	28° 7	4° 5	1°46	0° 6	28°22	13°59	24°54	10° 9	10°10	0°13	n.a.	T 18
F 19	15 1 6	15°22'50	7♈29	5°13	29°21	3°54	2° 0	0° 9	28°20	14° 0	24°53	10° 2	10° 7	0°19	n.a.	F 19
S 20	15 5 3	16°19'55	20°38	5°20	0♊34	3°43	2°13	0°13	28°18	14° 2	24°51	9°53	10° 3	0°26	n.a.	S 20
S 21	15 9 0	17°17'00	4♉10	5°R22	1°48	3°31	2°27	0°16	28°15	14° 3	24°50	9°41	10° 0	0°32	n.a.	S 21
M22	15 12 56	18°14'06	18° 2	5°19	3° 1	3°18	2°40	0°20	28°13	14° 5	24°48	9°30	9°57	0°39	n.a.	M22
T 23	15 16 53	19°11'11	2♊11	5°12	4°15	3° 5	2°54	0°24	28°10	14° 6	24°47	9°19	9°54	0°46	n.a.	T 23
W24	15 20 49	20° 8'17	16°31	5° 1	5°28	2°52	3° 7	0°28	28° 8	14° 7	24°45	9° 9	9°51	0°52	n.a.	W24
T 25	15 24 46	21° 5'22	0♋56	4°45	6°42	2°38	3°21	0°32	28° 6	14° 9	24°44	9° 3	9°47	0°59	n.a.	T 25
F 26	15 28 42	22° 2'27	15°21	4°25	7°55	2°23	3°34	0°36	28° 3	14°10	24°42	8°59	9°44	1° 6	n.a.	F 26
S 27	15 32 39	22°59'32	29°41	4° 1	9° 9	2° 8	3°48	0°40	28° 1	14°12	24°41	8°57	9°41	1°12	n.a.	S 27
S 28	15 36 36	23°56'37	13♌55	3°34	10°22	1°53	4° 1	0°44	27°58	14°13	24°39	8°D57	9°38	1°19	n.a.	S 28
M29	15 40 32	24°53'42	28° 0	3° 3	11°35	1°38	4°14	0°48	27°56	14°15	24°37	8°R57	9°35	1°26	n.a.	M29
T 30	15 44 29	25°50'47	11♍56	2°30	12°49	1°22	4°28	0°53	27°54	14°17	24°36	8°56	9°32	1°32	n.a.	T 30
W31	15 48 25	26♉47'52	25♍42	1♊55	14♊ 2	1♐ 6	4♉41	0♌57	27♏51	14♋18	24♏34	8♌53	9♌28	1♒39	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n 2	16n25	0n28	20n37	2n16	14n13	0n 3	22s58	1s27	10n 9	0s48	22n16	1n41	20s15	0n 0	23n26	0n19	15s25	4n 6	17n33	17n44	19s44			n.a.
T 2	11 22	12 49	1 41	20 54	2 12	14 39	0 5	23 2	1 32	10 14	0 48	22 16	1 41	20 15	0 0	23 26	0 19	15 25	4 6	17 33	17 45	19 43			n.a.
W 3	11 43	8 29	2 47	21 9	2 8	15 6	0 8	23 7	1 36	10 19	0 48	22 15	1 41	20 15	0 0	23 26	0 19	15 25	4 6	17 34	17 46	19 42			n.a.
T 4	12 3	3 44	3 43	21 22	2 3	15 31	0 10	23 11	1 40	10 24	0 48	22 14	1 40	20 14	0 0	23 26	0 19	15 24	4 6	17 36	17 47	19 42			n.a.
F 5	12 23	1s 9	4 25	21 33	1 58	15 57	0 12	23 15	1 44	10 29	0 48	22 14	1 40	20 14	0 0	23 25	0 19	15 24	4 6	17 38	17 48	19 41			n.a.
S 6	12 43	5 55	4 51	21 41	1 51	16 22	0 15	23 19	1 48	10 34	0 48	22 13	1 40	20 13	0 0	23 25	0 19	15 24	4 6	17 41	17 49	19 41			n.a.
S 7	13 3	10 18	5 1	21 48	1 44	16 46	0 17	23 23	1 53	10 39	0 48	22 13	1 40	20 13	0 0	23 25	0 19	15 24	4 6	17 45	17 50	19 40			n.a.
M 8	13 22	14 7	4 54	21 53	1 36	17 10	0 20	23 27	1 57	10 44	0 48	22 12	1 40	20 12	0 0	23 25	0 19	15 23	4 6	17 48	17 51	19 40			n.a.
T 9	13 42	17 10	4 33	21 56	1 28	17 34	0 22	23 30	2 2	10 49	0 47	22 11	1 40	20 12	0 0	23 25	0 19	15 23	4 6	17 51	17 51	19 39			n.a.
W10	14 1	19 22	3 58	21 58	1 19	17 57	0 24	23 34	2 6	10 54	0 47	22 11	1 40	20 11	0 0	23 25	0 19	15 23	4 6	17 54	17 52	19 39			n.a.
T 11	14 20	20 36	3 14	21 57	1 9	18 20	0 27	23 38	2 11	10 59	0 47	22 10	1 40	20 11	0 0	23 25	0 19	15 22	4 6	17 56	17 53	19 38			n.a.
F 12	14 39	20 53	2 21	21 55	0 58	18 43	0 29	23 41	2 15	11 4	0 47	22 9	1 40	20 10	0 0	23 25	0 19	15 22	4 6	17 57	17 54	19 38			n.a.
S 13	14 57	20 13	1 23	21 52	0 46	19 4	0 31	23 44	2 20	11 9	0 47	22 9	1 40	20 10	0 0	23 25	0 19	15 22	4 6	17 57	17 55	19 37			n.a.
S 14	15 15	18 40	0 21	21 46	0 34	19 26	0 34	23 47	2 24	11 14	0 47	22 8	1 39	20 9	0 0	23 24	0 19	15 22	4 6	17 57	17 56	19 37			n.a.
M15	15 33	16 18	0s42	21 39	0 22	19 47	0 36	23 50	2 29	11 19	0 47	22 7	1 39	20 9	0 0	23 24	0 19	15 21	4 6	17 57	17 57	19 36			n.a.
T 16	15 51	13 14	1 43	21 31	0 8	20 7	0 38	23 53	2 34	11 23	0 47	22 6	1 39	20 8	0 0	23 24	0 19	15 21	4 6	17 57	17 58	19 35			n.a.
W17	16 9	9 33	2 41	21 21	0s 5	20 27	0 41	23 56	2 38	11 28	0 47	22 5	1 39	20 8	0 0	23 24	0 19	15 21	4 5	17 58	17 58	19 35			n.a.
T 18	16 26	5 23	3 32	21 10	0 20	20 46	0 43	23 59	2 43	11 33	0 47	22 5	1 39	20 7	0 0	23 24	0 19	15 20	4 5	17 59	17 59	19 34			n.a.
F 19	16 43	0 52	4 14	20 57	0 35	21 5	0 45	24 1	2 48	11 38	0 47	22 4	1 39	20 7	0 0	23 24	0 19	15 20	4 5	18 1	18 0	19 34			n.a.
S 20	17 0	3n48	4 45	20 44	0 50	21 23	0 47	24 3	2 52	11 43	0 47	22 3	1 39	20 6	0 0	23 24	0 19	15 20	4 5	18 4	18 1	19 33			n.a.
S 21	17 16	8 25	5 0	20 29	1 5	21 40	0 49	24 6	2 57	11 48	0 47	22 2	1 39	20 6	0 0	23 24	0 19	15 20	4 5	18 7	18 2	19 32			n.a.
M22	17 33	12 43	4 58	20 13	1 21	21 57	0 52	24 8	3 1	11 52	0 47	22 1	1 39	20 5	0 0	23 23	0 19	15 19	4 5	18 10	18 3	19 32			n.a.
T 23	17 49	16 24	4 38	19 56	1 37	22 13	0 54	24 10	3 6	11 57	0 47	22 0	1 39	20 5	0 0	23 23	0 19	15 19	4 5	18 13	18 4	19 31			n.a.
W24	18 4	19 9	4 0	19 38	1 53	22 29	0 56	24 11	3 10	12 2	0 46	21 59	1 38	20 4	0 0	23 23	0 19	15 19	4 5	18 16	18 5	19 31			n.a.
T 25	18 20	20 43	3 7	19 19	2 9	22 44	0 58	24 13	3 15	12 7	0 46	21 58	1 38	20 4	0 0	23 23	0 19	15 18	4 5	18 18	18 5	19 30			n.a.
F 26	18 35	20 55	2 2	19 0	2 25	22 58	1 0	24 14	3 19	12 11	0 46	21 57	1 38	20 3	0 0	23 23	0 19	15 18	4 5	18 19	18 6	19 29			n.a.
S 27	18 50	19 45	0 49	18 41	2 40	23 12	1 2	24 16	3 24	12 16	0 46	21 56	1 38	20 3	0 0	23 23	0 19	15 18	4 5	18 19	18 7	19 29			n.a.
S 28	19 4	17 21	0n26	18 21	2 55	23 25	1 4	24 17	3 28	12 21	0 46	21 55	1 38	20 2	0 0	23 22	0 19	15 18	4 4	18 19	18 8	19 28			n.a.
M29	19 18	13 55	1 39	18 1	3 9	23 38	1 5	24 18	3 33	12 25	0 46	21 54	1 38	20 1	0 0	23 22	0 19	15 17	4 4	18 19	18 9	19 28			n.a.
T 30	19 32	9 45	2 46	17 42	3 23	23 49	1 7	24 18	3 37	12 30	0 46	21 53	1 38	20 1	0 0	23 22	0 19	15 17	4 4	18 19	18 10	19 27			n.a.
W31	19n46	5n 7	3n41	17n22	3s35	24n 0	1n 9	24s19	3s41	12n34	0s46	21n52	1n38	20s 0	0n 0	23n22	0n19	15s17	4n 4	18n20	18n11	19s26			n.a.

Julian Day Number = 1282147.5, Delta T = 08h07m07s
Ecliptic obliquity = 23°50'10, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'31, Lahiri = -20°33'30 Julian Calendar 1 May 1203 BCE == Greg. Calendar 20 Apr. 1203 BCE

The year -1202 astronomical counting style corresponds to year 1203 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1203 BCE
geocentric

JUNE 1203 BCE (-1202) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 52 22	27♉44'56	9♎18	1°R18	15♊16	0°R49	4♉54	1♌ 2	27°R49	14♋20	24°R33	8°R48	9♌25	1♒46	n.a.	T 1
F 2	15 56 18	28°42'01	22°43	0♊40	16°29	0♐33	5° 7	1° 6	27♏46	14°22	24♏31	8♌40	9°22	1°52	n.a.	F 2
S 3	16 0 15	29°39'06	5♏57	0° 1	17°42	0°16	5°21	1°11	27°44	14°23	24°30	8°30	9°19	1°59	n.a.	S 3
S 4	16 4 11	0♊36'11	18°58	29♉23	18°56	29♏59	5°34	1°16	27°41	14°25	24°28	8°19	9°16	2° 6	n.a.	S 4
M 5	16 8 8	1°33'17	1♐45	28°45	20° 9	29°43	5°47	1°20	27°39	14°27	24°27	8° 8	9°13	2°12	n.a.	M 5
T 6	16 12 5	2°30'23	14°19	28°10	21°23	29°26	6° 0	1°25	27°37	14°28	24°25	7°57	9° 9	2°19	n.a.	T 6
W 7	16 16 1	3°27'30	26°38	27°36	22°36	29°10	6°13	1°30	27°34	14°30	24°24	7°49	9° 6	2°25	n.a.	W 7
T 8	16 19 58	4°24'38	8♑45	27° 6	23°49	28°53	6°26	1°35	27°32	14°32	24°22	7°43	9° 3	2°32	n.a.	T 8
F 9	16 23 54	5°21'46	20°42	26°39	25° 3	28°37	6°39	1°40	27°29	14°34	24°21	7°39	9° 0	2°39	n.a.	F 9
S 10	16 27 51	6°18'55	2♒32	26°15	26°16	28°21	6°52	1°46	27°27	14°36	24°19	7°D37	8°57	2°45	n.a.	S 10
S 11	16 31 47	7°16'05	14°20	25°57	27°29	28° 5	7° 4	1°51	27°25	14°37	24°18	7°37	8°53	2°52	n.a.	S 11
M12	16 35 44	8°13'15	26° 9	25°42	28°43	27°49	7°17	1°56	27°22	14°39	24°16	7°38	8°50	2°59	n.a.	M12
T 13	16 39 40	9°10'27	8♓ 6	25°33	29°56	27°33	7°30	2° 1	27°20	14°41	24°15	7°R39	8°47	3° 5	n.a.	T 13
W14	16 43 37	10° 7'40	20°16	25°D30	1♋ 9	27°18	7°42	2° 7	27°18	14°43	24°14	7°38	8°44	3°12	n.a.	W14
T 15	16 47 34	11° 4'53	2♈43	25°32	2°23	27° 4	7°55	2°12	27°15	14°45	24°12	7°36	8°41	3°19	n.a.	T 15
F 16	16 51 30	12° 2'08	15°32	25°40	3°36	26°49	8° 8	2°18	27°13	14°47	24°11	7°31	8°38	3°25	n.a.	F 16
S 17	16 55 27	12°59'24	28°46	25°53	4°49	26°36	8°20	2°23	27°11	14°49	24° 9	7°25	8°34	3°32	n.a.	S 17
S 18	16 59 23	13°56'41	12♉27	26°13	6° 3	26°22	8°33	2°29	27° 8	14°51	24° 8	7°17	8°31	3°39	n.a.	S 18
M19	17 3 20	14°53'59	26°32	26°39	7°16	26°10	8°45	2°35	27° 6	14°53	24° 6	7° 9	8°28	3°45	n.a.	M19
T 20	17 7 16	15°51'18	10♊59	27°10	8°29	25°58	8°57	2°41	27° 4	14°55	24° 5	7° 1	8°25	3°52	n.a.	T 20
W21	17 11 13	16°48'38	25°40	27°48	9°42	25°46	9° 9	2°46	27° 1	14°57	24° 4	6°55	8°22	3°59	n.a.	W21
T 22	17 15 10	17°45'59	10♋28	28°31	10°56	25°35	9°22	2°52	26°59	14°59	24° 2	6°50	8°18	4° 5	n.a.	T 22
F 23	17 19 6	18°43'21	25°16	29°21	12° 9	25°25	9°34	2°58	26°57	15° 1	24° 1	6°48	8°15	4°12	n.a.	F 23
S 24	17 23 3	19°40'44	9♌57	0♊16	13°22	25°16	9°46	3° 4	26°55	15° 3	24° 0	6°D47	8°12	4°18	n.a.	S 24
S 25	17 26 59	20°38'08	24°26	1°17	14°35	25° 7	9°58	3°10	26°53	15° 5	23°58	6°48	8° 9	4°25	n.a.	S 25
M26	17 30 56	21°35'32	8♍39	2°24	15°49	24°59	10°10	3°16	26°51	15° 7	23°57	6°49	8° 6	4°32	n.a.	M26
T 27	17 34 52	22°32'57	22°35	3°36	17° 2	24°52	10°22	3°23	26°48	15° 9	23°56	6°R50	8° 3	4°38	n.a.	T 27
W28	17 38 49	23°30'23	6♎15	4°53	18°15	24°45	10°33	3°29	26°46	15°11	23°54	6°49	7°59	4°45	n.a.	W28
T 29	17 42 45	24°27'50	19°38	6°15	19°28	24°39	10°45	3°35	26°44	15°13	23°53	6°46	7°56	4°52	n.a.	T 29
F 30	17 46 42	25♊25'18	2♏46	7♊43	20♋41	24♏34	10♉57	3♌41	26♏42	15♋15	23♏52	6♌42	7♌53	4♒58	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n59	0n17	4n24	17n 4	3s47	24n11	1n11	24s19	3s45	12n39	0s46	21n51	1n38	20s 0	0n 0	23n22	0n19	15s17	4n 4	18n21	18n11	19s26		n.a.
F 2	20 12	4s29	4 51	16 46	3 57	24 20	1 12	24 20	3 49	12 43	0 46	21 50	1 38	19 59	0 0	23 22	0 19	15 16	4 4	18 24	18 12	19 25		n.a.
S 3	20 25	8 59	5 2	16 29	4 6	24 29	1 14	24 20	3 53	12 48	0 46	21 49	1 38	19 59	0 0	23 21	0 19	15 16	4 4	18 26	18 13	19 24		n.a.
S 4	20 37	12 59	4 57	16 14	4 13	24 37	1 16	24 20	3 57	12 52	0 46	21 48	1 38	19 58	0 0	23 21	0 19	15 16	4 4	18 29	18 14	19 24		n.a.
M 5	20 49	16 19	4 38	16 0	4 19	24 45	1 17	24 20	4 0	12 57	0 46	21 47	1 38	19 58	0 0	23 21	0 19	15 16	4 4	18 32	18 15	19 23		n.a.
T 6	21 0	18 51	4 5	15 48	4 24	24 52	1 19	24 20	4 4	13 1	0 46	21 45	1 37	19 57	0 0	23 21	0 19	15 15	4 3	18 35	18 16	19 22		n.a.
W 7	21 12	20 27	3 21	15 38	4 27	24 58	1 20	24 19	4 7	13 6	0 46	21 44	1 37	19 57	0 0	23 21	0 19	15 15	4 3	18 37	18 17	19 22		n.a.
T 8	21 23	21 5	2 28	15 29	4 28	25 3	1 22	24 19	4 11	13 10	0 46	21 43	1 37	19 56	0 0	23 20	0 19	15 15	4 3	18 39	18 17	19 21		n.a.
F 9	21 33	20 44	1 29	15 23	4 28	25 7	1 23	24 18	4 14	13 14	0 46	21 42	1 37	19 55	0 0	23 20	0 19	15 15	4 3	18 40	18 18	19 20		n.a.
S 10	21 43	19 29	0 27	15 20	4 26	25 11	1 24	24 18	4 17	13 19	0 46	21 40	1 37	19 55	0 0	23 20	0 19	15 14	4 3	18 40	18 19	19 20		n.a.
S 11	21 53	17 23	0s36	15 19	4 23	25 14	1 25	24 17	4 20	13 23	0 46	21 39	1 37	19 54	0 0	23 20	0 19	15 14	4 3	18 40	18 20	19 19		n.a.
M12	22 2	14 32	1 38	15 20	4 18	25 16	1 26	24 16	4 23	13 27	0 46	21 38	1 37	19 54	0 0	23 20	0 19	15 14	4 3	18 40	18 21	19 18		n.a.
T 13	22 12	11 4	2 36	15 24	4 12	25 18	1 28	24 15	4 26	13 31	0 46	21 37	1 37	19 53	0 0	23 19	0 19	15 14	4 3	18 40	18 22	19 18		n.a.
W14	22 20	7 6	3 28	15 30	4 5	25 18	1 29	24 14	4 28	13 36	0 46	21 35	1 37	19 53	0 0	23 19	0 19	15 13	4 2	18 40	18 23	19 17		n.a.
T 15	22 29	2 45	4 12	15 38	3 56	25 18	1 30	24 13	4 31	13 40	0 46	21 34	1 37	19 52	0s 0	23 19	0 19	15 13	4 2	18 40	18 23	19 16		n.a.
F 16	22 36	1n51	4 45	15 49	3 47	25 18	1 30	24 12	4 33	13 44	0 46	21 33	1 37	19 52	0 0	23 19	0 19	15 13	4 2	18 42	18 24	19 15		n.a.
S 17	22 44	6 30	5 3	16 2	3 37	25 16	1 31	24 10	4 36	13 48	0 46	21 31	1 37	19 51	0 0	23 19	0 19	15 13	4 2	18 43	18 25	19 15		n.a.
S 18	22 51	10 59	5 5	16 18	3 25	25 14	1 32	24 9	4 38	13 52	0 46	21 30	1 37	19 51	0 0	23 18	0 19	15 13	4 2	18 45	18 26	19 14		n.a.
M19	22 58	15 1	4 50	16 35	3 14	25 11	1 33	24 8	4 40	13 56	0 46	21 29	1 37	19 50	0 0	23 18	0 19	15 12	4 2	18 47	18 27	19 13		n.a.
T 20	23 4	18 15	4 15	16 55	3 1	25 7	1 33	24 7	4 41	14 0	0 46	21 27	1 37	19 50	0 0	23 18	0 19	15 12	4 2	18 49	18 28	19 13		n.a.
W21	23 10	20 23	3 23	17 16	2 48	25 2	1 34	24 6	4 43	14 4	0 45	21 26	1 37	19 49	0 0	23 18	0 19	15 12	4 1	18 51	18 28	19 12		n.a.
T 22	23 16	21 8	2 17	17 39	2 35	24 57	1 35	24 4	4 45	14 8	0 45	21 24	1 37	19 49	0 0	23 18	0 19	15 12	4 1	18 52	18 29	19 11		n.a.
F 23	23 21	20 25	1 2	18 3	2 21	24 51	1 35	24 3	4 46	14 12	0 45	21 23	1 36	19 48	0 0	23 17	0 19	15 12	4 1	18 53	18 30	19 10		n.a.
S 24	23 26	18 19	0n17	18 29	2 7	24 44	1 35	24 2	4 47	14 16	0 45	21 21	1 36	19 48	0 0	23 17	0 19	15 12	4 1	18 53	18 31	19 10		n.a.
S 25	23 30	15 4	1 34	18 56	1 52	24 36	1 36	24 1	4 48	14 20	0 45	21 20	1 36	19 47	0 0	23 17	0 19	15 11	4 1	18 53	18 32	19 9		n.a.
M26	23 34	10 59	2 44	19 23	1 38	24 28	1 36	24 0	4 49	14 23	0 45	21 18	1 36	19 47	0 0	23 17	0 19	15 11	4 1	18 53	18 33	19 8		n.a.
T 27	23 37	6 23	3 43	19 51	1 23	24 19	1 36	23 59	4 50	14 27	0 45	21 17	1 36	19 46	0 0	23 16	0 19	15 11	4 0	18 52	18 33	19 7		n.a.
W28	23 40	1 34	4 27	20 20	1 9	24 9	1 36	23 58	4 51	14 31	0 45	21 15	1 36	19 46	0 0	23 16	0 19	15 11	4 0	18 53	18 34	19 7		n.a.
T 29	23 43	3s14	4 56	20 49	0 55	23 59	1 36	23 57	4 52	14 35	0 45	21 14	1 36	19 45	0 0	23 16	0 19	15 11	4 0	18 53	18 35	19 6		n.a.
F 30	23n45	7s48	5n 9	21n17	0s41	23n48	1n36	23s56	4s52	14n38	0s45	21n12	1n36	19s45	0s 0	23n16	0n19	15s11	4n 0	18n54	18n36	19s 5		n.a.

Julian Day Number = 1282178.5, Delta T = 08h07m06s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'27, Lahiri = -20°33'26 Julian Calendar 1 June 1203 BCE == Greg. Calendar 21 May 1203 BCE

The year -1202 astronomical counting style corresponds to year 1203 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1203 BCE
geocentric

JULY 1203 BCE (-1202) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 50 39	26♊22'47	15♏41	9♊15	21♋54	24°R30	11♉ 8	3♌48	26°R40	15♋17	23°R51	6°R36	7♌50	5♒ 5	n.a.	S 1
S 2	17 54 35	27°20'18	28°22	10°51	23° 7	24♏27	11°20	3°54	26♏38	15°20	23♏50	6♌30	7°47	5°12	n.a.	S 2
M 3	17 58 32	28°17'49	10♐51	12°31	24°21	24°25	11°31	4° 0	26°36	15°22	23°48	6°23	7°44	5°18	n.a.	M 3
T 4	18 2 28	29°15'22	23° 8	14°15	25°34	24°23	11°42	4° 7	26°34	15°24	23°47	6°17	7°40	5°25	n.a.	T 4
W 5	18 6 25	0♋12'56	5♑16	16° 3	26°47	24°22	11°54	4°13	26°33	15°26	23°46	6°12	7°37	5°32	n.a.	W 5
T 6	18 10 21	1°10'31	17°14	17°53	28° 0	24°D22	12° 5	4°20	26°31	15°28	23°45	6° 8	7°34	5°38	n.a.	T 6
F 7	18 14 18	2° 8'08	29° 6	19°46	29°13	24°23	12°16	4°27	26°29	15°30	23°44	6° 7	7°31	5°45	n.a.	F 7
S 8	18 18 14	3° 5'47	10♒54	21°42	0♌26	24°25	12°27	4°33	26°27	15°32	23°43	6°D 7	7°28	5°51	n.a.	S 8
S 9	18 22 11	4° 3'27	22°41	23°39	1°39	24°27	12°38	4°40	26°25	15°35	23°42	6° 8	7°24	5°58	n.a.	S 9
M10	18 26 8	5° 1'08	4♓30	25°37	2°52	24°30	12°49	4°47	26°24	15°37	23°41	6° 9	7°21	6° 5	n.a.	M10
T 11	18 30 4	5°58'52	16°27	27°37	4° 5	24°34	12°59	4°53	26°22	15°39	23°40	6°11	7°18	6°11	n.a.	T 11
W12	18 34 1	6°56'37	28°36	29°37	5°18	24°39	13°10	5° 0	26°20	15°41	23°39	6°12	7°15	6°18	n.a.	W12
T 13	18 37 57	7°54'24	11♈ 1	1♋38	6°30	24°45	13°20	5° 7	26°19	15°43	23°38	6°R12	7°12	6°25	n.a.	T 13
F 14	18 41 54	8°52'13	23°48	3°39	7°43	24°51	13°31	5°14	26°17	15°46	23°37	6°12	7° 9	6°31	n.a.	F 14
S 15	18 45 50	9°50'04	7♉ 0	5°40	8°56	24°58	13°41	5°21	26°16	15°48	23°36	6°10	7° 5	6°38	n.a.	S 15
S 16	18 49 47	10°47'57	20°38	7°40	10° 9	25° 6	13°51	5°28	26°14	15°50	23°35	6° 7	7° 2	6°45	n.a.	S 16
M17	18 53 43	11°45'52	4♊44	9°40	11°22	25°15	14° 1	5°34	26°13	15°52	23°34	6° 3	6°59	6°51	n.a.	M17
T 18	18 57 40	12°43'49	19°15	11°40	12°35	25°24	14°11	5°41	26°11	15°55	23°33	6° 0	6°56	6°58	n.a.	T 18
W19	19 1 37	13°41'48	4♋ 6	13°38	13°48	25°35	14°21	5°48	26°10	15°57	23°32	5°57	6°53	7° 5	n.a.	W19
T 20	19 5 33	14°39'48	19° 9	15°36	15° 0	25°46	14°31	5°56	26° 8	15°59	23°31	5°56	6°50	7°11	n.a.	T 20
F 21	19 9 30	15°37'51	4♌16	17°32	16°13	25°57	14°41	6° 3	26° 7	16° 1	23°30	5°D55	6°46	7°18	n.a.	F 21
S 22	19 13 26	16°35'55	19°16	19°28	17°26	26°10	14°51	6°10	26° 6	16° 3	23°30	5°55	6°43	7°25	n.a.	S 22
S 23	19 17 23	17°34'00	4♍ 4	21°22	18°39	26°23	15° 0	6°17	26° 5	16° 6	23°29	5°56	6°40	7°31	n.a.	S 23
M24	19 21 19	18°32'07	18°32	23°16	19°51	26°37	15° 9	6°24	26° 3	16° 8	23°28	5°57	6°37	7°38	n.a.	M24
T 25	19 25 16	19°30'16	2♎39	25° 8	21° 4	26°51	15°19	6°31	26° 2	16°10	23°28	5°59	6°34	7°44	n.a.	T 25
W26	19 29 12	20°28'26	16°22	26°58	22°17	27° 7	15°28	6°38	26° 1	16°12	23°27	5°R59	6°30	7°51	n.a.	W26
T 27	19 33 9	21°26'37	29°43	28°48	23°29	27°22	15°37	6°45	26° 0	16°15	23°26	5°59	6°27	7°58	n.a.	T 27
F 28	19 37 6	22°24'51	12♏43	0♌36	24°42	27°39	15°46	6°53	25°59	16°17	23°26	5°58	6°24	8° 4	n.a.	F 28
S 29	19 41 2	23°23'06	25°25	2°24	25°54	27°56	15°54	7° 0	25°58	16°19	23°25	5°57	6°21	8°11	n.a.	S 29
S 30	19 44 59	24°21'23	7♐52	4°10	27° 7	28°14	16° 3	7° 7	25°57	16°21	23°25	5°55	6°18	8°18	n.a.	S 30
M31	19 48 55	25♋19'41	20♐ 6	5♌55	28♌19	28♏32	16♉12	7♌14	25♏56	16♋23	23♏24	5♌54	6♌15	8♒24	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	11s55	5n 6	21n45	0s27	23n36	1n36	23s56	4s53	14n42	0s45	21n11	1n36	19s44	0s 0	23n15	0n19	15s10	4n 0	18n56	18n37	19s 4		n.a.
S 2	23 49	15 27	4 48	22 13	0 14	23 23	1 36	23 55	4 53	14 46	0 45	21 9	1 36	19 44	0 0	23 15	0 19	15 10	4 0	18 58	18 38	19 4		n.a.
M 3	23 49	18 13	4 16	22 39	0 1	23 10	1 35	23 55	4 53	14 49	0 45	21 8	1 36	19 43	0 0	23 15	0 19	15 10	3 59	18 59	18 38	19 3		n.a.
T 4	23 50	20 7	3 33	23 4	0n11	22 56	1 35	23 55	4 53	14 53	0 45	21 6	1 36	19 43	0 0	23 15	0 19	15 10	3 59	19 1	18 39	19 2		n.a.
W 5	23 50	21 3	2 40	23 28	0 23	22 42	1 35	23 54	4 53	14 56	0 45	21 4	1 36	19 42	0 0	23 15	0 19	15 10	3 59	19 2	18 40	19 1		n.a.
T 6	23 50	21 2	1 41	23 50	0 34	22 26	1 34	23 54	4 53	15 0	0 45	21 3	1 36	19 42	0 0	23 14	0 19	15 10	3 59	19 3	18 41	19 0		n.a.
F 7	23 49	20 3	0 38	24 10	0 44	22 11	1 33	23 54	4 53	15 3	0 45	21 1	1 36	19 42	0 0	23 14	0 19	15 10	3 59	19 3	18 42	19 0		n.a.
S 8	23 48	18 12	0s26	24 28	0 54	21 54	1 33	23 55	4 53	15 7	0 45	21 0	1 36	19 41	0 0	23 14	0 19	15 10	3 59	19 3	18 43	18 59		n.a.
S 9	23 46	15 36	1 30	24 43	1 2	21 37	1 32	23 55	4 53	15 10	0 45	20 58	1 36	19 41	0 0	23 14	0 19	15 10	3 58	19 3	18 43	18 58		n.a.
M10	23 44	12 20	2 30	24 56	1 10	21 19	1 31	23 55	4 52	15 13	0 45	20 56	1 36	19 40	0 0	23 13	0 19	15 10	3 58	19 3	18 44	18 57		n.a.
T 11	23 42	8 33	3 24	25 7	1 18	21 1	1 30	23 56	4 52	15 17	0 45	20 55	1 36	19 40	0 0	23 13	0 19	15 9	3 58	19 2	18 45	18 56		n.a.
W12	23 39	4 22	4 10	25 14	1 24	20 42	1 29	23 57	4 51	15 20	0 45	20 53	1 36	19 40	0 0	23 13	0 19	15 9	3 58	19 2	18 46	18 55		n.a.
T 13	23 36	0n 4	4 45	25 19	1 30	20 23	1 28	23 57	4 51	15 23	0 45	20 51	1 36	19 39	0 0	23 13	0 19	15 9	3 58	19 2	18 47	18 55		n.a.
F 14	23 32	4 38	5 7	25 22	1 35	20 3	1 27	23 58	4 50	15 26	0 45	20 50	1 36	19 39	0 0	23 12	0 19	15 9	3 57	19 2	18 48	18 54		n.a.
S 15	23 28	9 7	5 15	25 21	1 39	19 42	1 26	23 59	4 49	15 29	0 45	20 48	1 36	19 38	0 0	23 12	0 19	15 9	3 57	19 3	18 48	18 53		n.a.
S 16	23 23	13 19	5 5	25 18	1 42	19 21	1 25	24 1	4 48	15 32	0 45	20 46	1 36	19 38	0 0	23 12	0 19	15 9	3 57	19 3	18 49	18 52		n.a.
M17	23 18	16 55	4 36	25 13	1 44	18 59	1 23	24 2	4 47	15 35	0 45	20 44	1 36	19 38	0 0	23 12	0 19	15 9	3 57	19 4	18 50	18 51		n.a.
T 18	23 13	19 35	3 50	25 5	1 46	18 37	1 22	24 3	4 46	15 38	0 45	20 43	1 36	19 37	0 0	23 11	0 19	15 9	3 57	19 5	18 51	18 50		n.a.
W19	23 7	21 0	2 47	24 54	1 47	18 14	1 20	24 5	4 45	15 41	0 45	20 41	1 36	19 37	0 0	23 11	0 19	15 9	3 56	19 6	18 52	18 50		n.a.
T 20	23 1	20 56	1 31	24 41	1 48	17 51	1 19	24 7	4 44	15 44	0 45	20 39	1 36	19 37	0 0	23 11	0 19	15 9	3 56	19 6	18 52	18 49		n.a.
F 21	22 54	19 22	0 9	24 27	1 48	17 28	1 17	24 8	4 43	15 47	0 45	20 37	1 36	19 37	0 0	23 11	0 19	15 9	3 56	19 6	18 53	18 48		n.a.
S 22	22 47	16 27	1n13	24 10	1 47	17 4	1 15	24 10	4 42	15 50	0 45	20 35	1 36	19 36	0 0	23 10	0 19	15 9	3 56	19 6	18 54	18 47		n.a.
S 23	22 40	12 30	2 30	23 51	1 46	16 39	1 14	24 12	4 41	15 53	0 45	20 34	1 36	19 36	0 0	23 10	0 19	15 9	3 56	19 6	18 55	18 46		n.a.
M24	22 32	7 53	3 35	23 30	1 44	16 14	1 12	24 14	4 39	15 56	0 45	20 32	1 36	19 36	0 0	23 10	0 19	15 9	3 55	19 6	18 56	18 45		n.a.
T 25	22 23	2 58	4 25	23 8	1 42	15 49	1 10	24 17	4 38	15 58	0 45	20 30	1 36	19 35	0 0	23 9	0 19	15 9	3 55	19 5	18 56	18 44		n.a.
W26	22 15	1s57	4 59	22 44	1 39	15 23	1 8	24 19	4 37	16 1	0 45	20 28	1 36	19 35	0 0	23 9	0 19	15 9	3 55	19 5	18 57	18 43		n.a.
T 27	22 6	6 39	5 15	22 18	1 36	14 57	1 6	24 22	4 35	16 4	0 45	20 26	1 36	19 35	0 0	23 9	0 19	15 9	3 55	19 5	18 58	18 43		n.a.
F 28	21 56	10 55	5 15	21 51	1 32	14 30	1 4	24 24	4 34	16 6	0 45	20 25	1 36	19 35	0 0	23 9	0 19	15 9	3 55	19 5	18 59	18 42		n.a.
S 29	21 46	14 36	4 59	21 23	1 28	14 3	1 1	24 27	4 32	16 9	0 45	20 23	1 36	19 34	0 0	23 8	0 19	15 9	3 54	19 6	19 0	18 41		n.a.
S 30	21 36	17 33	4 29	20 54	1 24	13 36	0 59	24 29	4 31	16 11	0 45	20 21	1 36	19 34	0 0	23 8	0 19	15 9	3 54	19 6	19 1	18 40		n.a.
M31	21n25	19s41	3n48	20n23	1n19	13n 8	0n57	24s32	4s30	16n14	0s45	20n19	1n36	19s34	0s 0	23n 8	0n19	15s10	3n54	19n 7	19n 1	18s39		n.a.

Julian Day Number = 1282208.5, Delta T = 08h07m04s
Ecliptic obliquity = 23°50'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'23, Lahiri = -20°33'22 Julian Calendar 1 July 1203 BCE == Greg. Calendar 20 June 1203 BCE

The year -1202 astronomical counting style corresponds to year 1203 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1203 BCE
geocentric

AUGUST 1203 BCE (-1202) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 52 52	26♋18'01	2♉11	7♌38	29♌32	28♏51	16♉20	7♌22	25°R56	16♋26	23°R24	5°R52	6♌11	8♒31	n.a.	T 1
W 2	19 56 48	27°16'24	14° 8	9°21	0♍44	29°11	16°28	7°29	25♏55	16°28	23♏23	5♌51	6° 8	8°38	n.a.	W 2
T 3	20 0 45	28°14'48	25°59	11° 2	1°57	29°31	16°36	7°36	25°54	16°30	23°23	5°51	6° 5	8°44	n.a.	T 3
F 4	20 4 41	29°13'14	7♒48	12°42	3° 9	29°52	16°44	7°44	25°54	16°32	23°22	5°D51	6° 2	8°51	n.a.	F 4
S 5	20 8 38	0♌11'42	19°35	14°21	4°21	0♐13	16°52	7°51	25°53	16°34	23°22	5°51	5°59	8°58	n.a.	S 5
S 6	20 12 35	1°10'13	1♓24	15°59	5°34	0°35	17° 0	7°58	25°52	16°37	23°21	5°51	5°56	9° 4	n.a.	S 6
M 7	20 16 31	2° 8'45	13°17	17°36	6°46	0°57	17° 8	8° 6	25°52	16°39	23°21	5°52	5°52	9°11	n.a.	M 7
T 8	20 20 28	3° 7'20	25°17	19°12	7°58	1°20	17°15	8°13	25°51	16°41	23°21	5°52	5°49	9°18	n.a.	T 8
W 9	20 24 24	4° 5'57	7♈29	20°47	9°10	1°43	17°22	8°20	25°51	16°43	23°21	5°52	5°46	9°24	n.a.	W 9
T 10	20 28 21	5° 4'36	19°54	22°21	10°23	2° 7	17°30	8°28	25°51	16°45	23°20	5°53	5°43	9°31	n.a.	T 10
F 11	20 32 17	6° 3'18	2♉38	23°53	11°35	2°31	17°37	8°35	25°50	16°47	23°20	5°53	5°40	9°37	n.a.	F 11
S 12	20 36 14	7° 2'02	15°44	25°25	12°47	2°55	17°43	8°42	25°50	16°49	23°20	5°53	5°36	9°44	n.a.	S 12
S 13	20 40 10	8° 0'49	29°14	26°56	13°59	3°21	17°50	8°50	25°50	16°52	23°20	5°53	5°33	9°51	n.a.	S 13
M14	20 44 7	8°59'38	13♊11	28°25	15°11	3°46	17°57	8°57	25°50	16°54	23°20	5°53	5°30	9°57	n.a.	M14
T 15	20 48 3	9°58'29	27°33	29°54	16°23	4°12	18° 3	9° 5	25°49	16°56	23°20	5°53	5°27	10° 4	n.a.	T 15
W16	20 52 0	10°57'23	12♋18	1♍21	17°35	4°39	18° 9	9°12	25°49	16°58	23°20	5°54	5°24	10°11	n.a.	W16
T 17	20 55 57	11°56'20	27°20	2°47	18°47	5° 5	18°16	9°19	25°D49	17° 0	23°D20	5°54	5°21	10°17	n.a.	T 17
F 18	20 59 53	12°55'18	12♌32	4°13	19°59	5°33	18°22	9°27	25°49	17° 2	23°20	5°R54	5°17	10°24	n.a.	F 18
S 19	21 3 50	13°54'19	27°43	5°37	21°10	6° 0	18°27	9°34	25°49	17° 4	23°20	5°54	5°14	10°31	n.a.	S 19
S 20	21 7 46	14°53'21	12♍45	7° 0	22°22	6°28	18°33	9°41	25°50	17° 6	23°20	5°53	5°11	10°37	n.a.	S 20
M21	21 11 43	15°52'26	27°28	8°22	23°34	6°57	18°38	9°49	25°50	17° 8	23°20	5°52	5° 8	10°44	n.a.	M21
T 22	21 15 39	16°51'32	11♎48	9°43	24°46	7°26	18°44	9°56	25°50	17°10	23°20	5°50	5° 5	10°51	n.a.	T 22
W23	21 19 36	17°50'41	25°41	11° 2	25°57	7°55	18°49	10° 3	25°50	17°12	23°20	5°49	5° 2	10°57	n.a.	W23
T 24	21 23 32	18°49'51	9♏ 7	12°20	27° 9	8°24	18°54	10°11	25°51	17°14	23°20	5°48	4°58	11° 4	n.a.	T 24
F 25	21 27 29	19°49'03	22° 8	13°37	28°20	8°54	18°59	10°18	25°51	17°16	23°21	5°D48	4°55	11°10	n.a.	F 25
S 26	21 31 25	20°48'18	4♐46	14°53	29°32	9°24	19° 3	10°25	25°51	17°18	23°21	5°49	4°52	11°17	n.a.	S 26
S 27	21 35 22	21°47'34	17° 6	16° 6	0♎43	9°55	19° 8	10°33	25°52	17°20	23°21	5°50	4°49	11°24	n.a.	S 27
M28	21 39 19	22°46'52	29°12	17°19	1°55	10°26	19°12	10°40	25°52	17°22	23°21	5°51	4°46	11°30	n.a.	M28
T 29	21 43 15	23°46'12	11♑ 9	18°29	3° 6	10°57	19°16	10°47	25°53	17°24	23°22	5°53	4°42	11°37	n.a.	T 29
W30	21 47 12	24°45'34	22°59	19°38	4°17	11°28	19°20	10°54	25°54	17°25	23°22	5°54	4°39	11°44	n.a.	W30
T 31	21 51 8	25♌44'59	4♒47	20♍44	5♎29	12♐ 0	19♉24	11♌ 2	25♏54	17♋27	23♏23	5°R54	4♌36	11♒50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21n14	20s53	2n56	19n52	1n14	12n40	0n54	24s35	4s28	16n16	0s46	20n17	1n36	19s34	0s 0	23n 8	0n19	15s10	3n54	19n 7	19n 2	18s38		n.a.	T 1
W 2	21 3	21 7	1 58	19 19	1 9	12 12	0 52	24 38	4 26	16 19	0 46	20 15	1 36	19 34	0 0	23 7	0 19	15 10	3 53	19 7	19 3	18 37		n.a.	W 2
T 3	20 51	20 24	0 55	18 46	1 4	11 43	0 49	24 41	4 25	16 21	0 46	20 13	1 36	19 34	0 0	23 7	0 19	15 10	3 53	19 7	19 4	18 36		n.a.	T 3
F 4	20 39	18 48	0s11	18 12	0 58	11 15	0 47	24 44	4 23	16 23	0 46	20 11	1 36	19 33	0 0	23 7	0 19	15 10	3 53	19 7	19 5	18 35		n.a.	F 4
S 5	20 27	16 23	1 16	17 37	0 52	10 45	0 44	24 47	4 22	16 26	0 46	20 10	1 36	19 33	0 0	23 7	0 19	15 10	3 53	19 7	19 5	18 34		n.a.	S 5
S 6	20 14	13 17	2 17	17 2	0 45	10 16	0 41	24 50	4 20	16 28	0 46	20 8	1 36	19 33	0 1	23 6	0 19	15 10	3 53	19 7	19 6	18 33		n.a.	S 6
M 7	20 1	9 39	3 14	16 26	0 39	9 46	0 39	24 54	4 18	16 30	0 46	20 6	1 36	19 33	0 1	23 6	0 19	15 10	3 52	19 7	19 7	18 33		n.a.	M 7
T 8	19 47	5 35	4 2	15 49	0 32	9 16	0 36	24 57	4 17	16 32	0 46	20 4	1 37	19 33	0 1	23 6	0 19	15 10	3 52	19 7	19 8	18 32		n.a.	T 8
W 9	19 33	1 16	4 40	15 12	0 26	8 46	0 33	25 0	4 15	16 34	0 46	20 2	1 37	19 33	0 1	23 6	0 20	15 11	3 52	19 7	19 9	18 31		n.a.	W 9
T 10	19 19	3n12	5 6	14 35	0 19	8 16	0 30	25 3	4 13	16 36	0 46	20 0	1 37	19 33	0 1	23 5	0 20	15 11	3 52	19 7	19 9	18 30		n.a.	T 10
F 11	19 4	7 37	5 18	13 58	0 12	7 45	0 27	25 7	4 11	16 38	0 46	19 58	1 37	19 33	0 1	23 5	0 20	15 11	3 52	19 7	19 10	18 29		n.a.	F 11
S 12	18 49	11 49	5 13	13 20	0 4	7 14	0 24	25 10	4 10	16 40	0 46	19 56	1 37	19 33	0 1	23 5	0 20	15 11	3 51	19 7	19 11	18 28		n.a.	S 12
S 13	18 34	15 34	4 52	12 42	0s 3	6 43	0 21	25 13	4 8	16 42	0 46	19 54	1 37	19 33	0 1	23 5	0 20	15 11	3 51	19 7	19 12	18 27		n.a.	S 13
M14	18 18	18 34	4 13	12 3	0 11	6 12	0 18	25 17	4 6	16 44	0 46	19 52	1 37	19 33	0 1	23 4	0 20	15 11	3 51	19 7	19 12	18 26		n.a.	M14
T 15	18 2	20 31	3 18	11 25	0 18	5 41	0 15	25 20	4 4	16 46	0 46	19 50	1 37	19 32	0 1	23 4	0 20	15 12	3 51	19 7	19 13	18 25		n.a.	T 15
W16	17 46	21 8	2 8	10 46	0 26	5 10	0 11	25 23	4 3	16 47	0 46	19 48	1 37	19 32	0 1	23 4	0 20	15 12	3 50	19 7	19 14	18 24		n.a.	W16
T 17	17 30	20 16	0 47	10 8	0 33	4 38	0 8	25 27	4 1	16 49	0 46	19 47	1 37	19 32	0 1	23 4	0 20	15 12	3 50	19 7	19 15	18 23		n.a.	T 17
F 18	17 13	17 55	0n37	9 29	0 41	4 6	0 5	25 30	3 59	16 51	0 46	19 45	1 37	19 32	0 1	23 3	0 20	15 12	3 50	19 7	19 16	18 22		n.a.	F 18
S 19	16 56	14 19	1 58	8 51	0 49	3 35	0 1	25 33	3 57	16 52	0 46	19 43	1 37	19 33	0 1	23 3	0 20	15 12	3 50	19 7	19 16	18 21		n.a.	S 19
S 20	16 38	9 49	3 11	8 13	0 57	3 3	0s 2	25 37	3 55	16 54	0 46	19 41	1 37	19 33	0 1	23 3	0 20	15 13	3 50	19 7	19 17	18 20		n.a.	S 20
M21	16 21	4 49	4 9	7 35	1 4	2 31	0 5	25 40	3 53	16 55	0 46	19 39	1 37	19 33	0 1	23 3	0 20	15 13	3 49	19 7	19 18	18 19		n.a.	M21
T 22	16 2	0s18	4 50	6 57	1 12	1 59	0 9	25 43	3 52	16 57	0 46	19 37	1 37	19 33	0 1	23 2	0 20	15 13	3 49	19 7	19 19	18 18		n.a.	T 22
W23	15 44	5 15	5 12	6 19	1 20	1 27	0 12	25 46	3 50	16 58	0 46	19 35	1 38	19 33	0 1	23 2	0 20	15 13	3 49	19 8	19 20	18 17		n.a.	W23
T 24	15 26	9 46	5 17	5 42	1 28	0 55	0 16	25 49	3 48	17 0	0 46	19 33	1 38	19 33	0 1	23 2	0 20	15 14	3 49	19 8	19 20	18 16		n.a.	T 24
F 25	15 7	13 42	5 5	5 5	1 35	0 23	0 19	25 52	3 46	17 1	0 46	19 31	1 38	19 33	0 1	23 2	0 20	15 14	3 48	19 8	19 21	18 15		n.a.	F 25
S 26	14 48	16 53	4 38	4 28	1 43	0s10	0 23	25 55	3 44	17 2	0 46	19 29	1 38	19 33	0 1	23 1	0 20	15 14	3 48	19 8	19 22	18 14		n.a.	S 26
S 27	14 28	19 14	3 59	3 53	1 51	0 42	0 26	25 58	3 42	17 3	0 46	19 27	1 38	19 33	0 1	23 1	0 20	15 15	3 48	19 8	19 23	18 13		n.a.	S 27
M28	14 9	20 40	3 10	3 17	1 58	1 14	0 30	26 1	3 41	17 4	0 46	19 25	1 38	19 33	0 1	23 1	0 20	15 15	3 48	19 7	19 23	18 12		n.a.	M28
T 29	13 49	21 9	2 13	2 43	2 5	1 46	0 34	26 4	3 39	17 6	0 46	19 23	1 38	19 33	0 1	23 1	0 20	15 15	3 48	19 7	19 24	18 11		n.a.	T 29
W30	13 29	20 41	1 11	2 9	2 12	2 18	0 37	26 6	3 37	17 7	0 46	19 21	1 38	19 34	0 1	23 0	0 20	15 15	3 47	19 7	19 25	18 10		n.a.	W30
T 31	13n 9	19s17	0n 6	1n36	2s19	2s50	0s41	26s 9	3s35	17n 8	0s46	19n19	1n38	19s34	0s 1	23n 0	0n20	15s16	3n47	19n 6	19n26	18s 9		n.a.	T 31

Julian Day Number = 1282239.5, Delta T = 08h07m02s
Ecliptic obliquity = 23°50'10, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'18, Lahiri = -20°33'18 Julian Calendar 1 Aug. 1203 BCE == Greg. Calendar 21 July 1203 BCE

The year -1202 astronomical counting style corresponds to year 1203 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1203 BCE
geocentric

SEPTEMBER 1203 BCE (-1202) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 55 5	26♌44'25	16♒35	21♍49	6♎40	12♐32	19♉27	11♌ 9	25♏55	17♋29	23♏23	5°R54	4♌33	11♒57	n.a.	F 1
S 2	21 59 1	27°43'53	28°25	22°51	7°51	13° 4	19°31	11°16	25°56	17°31	23°24	5♌52	4°30	12° 4	n.a.	S 2
S 3	22 2 58	28°43'24	10♓20	23°50	9° 2	13°37	19°34	11°23	25°57	17°33	23°24	5°50	4°27	12°10	n.a.	S 3
M 4	22 6 54	29°42'56	22°21	24°47	10°13	14°10	19°37	11°30	25°58	17°35	23°25	5°46	4°23	12°17	n.a.	M 4
T 5	22 10 51	0♍42'31	4♈31	25°40	11°24	14°43	19°40	11°37	25°59	17°36	23°25	5°42	4°20	12°24	n.a.	T 5
W 6	22 14 47	1°42'09	16°51	26°31	12°35	15°16	19°42	11°45	26° 0	17°38	23°26	5°38	4°17	12°30	n.a.	W 6
T 7	22 18 44	2°41'48	29°24	27°17	13°45	15°50	19°45	11°52	26° 1	17°40	23°26	5°34	4°14	12°37	n.a.	T 7
F 8	22 22 41	3°41'30	12♉11	28° 0	14°56	16°23	19°47	11°59	26° 2	17°41	23°27	5°31	4°11	12°44	n.a.	F 8
S 9	22 26 37	4°41'15	25°15	28°38	16° 7	16°57	19°49	12° 6	26° 3	17°43	23°28	5°29	4° 7	12°50	n.a.	S 9
S 10	22 30 34	5°41'02	8♊38	29°11	17°17	17°32	19°51	12°13	26° 4	17°45	23°29	5°D29	4° 4	12°57	n.a.	S 10
M11	22 34 30	6°40'51	22°23	29°39	18°28	18° 6	19°52	12°20	26° 5	17°46	23°29	5°30	4° 1	13° 3	n.a.	M11
T 12	22 38 27	7°40'43	6♋29	0♎ 1	19°38	18°41	19°54	12°27	26° 7	17°48	23°30	5°31	3°58	13°10	n.a.	T 12
W13	22 42 23	8°40'37	20°57	0°17	20°49	19°16	19°55	12°33	26° 8	17°49	23°31	5°33	3°55	13°17	n.a.	W13
T 14	22 46 20	9°40'34	5♌44	0°26	21°59	19°51	19°56	12°40	26° 9	17°51	23°32	5°R33	3°52	13°23	n.a.	T 14
F 15	22 50 16	10°40'33	20°43	0°R27	23° 9	20°26	19°57	12°47	26°11	17°52	23°33	5°32	3°48	13°30	n.a.	F 15
S 16	22 54 13	11°40'34	5♍48	0°20	24°19	21° 1	19°58	12°54	26°12	17°54	23°34	5°30	3°45	13°37	n.a.	S 16
S 17	22 58 10	12°40'37	20°49	0° 4	25°29	21°37	19°58	13° 1	26°14	17°55	23°35	5°25	3°42	13°43	n.a.	S 17
M18	23 2 6	13°40'42	5♎38	29♍39	26°39	22°13	19°59	13° 7	26°16	17°57	23°35	5°20	3°39	13°50	n.a.	M18
T 19	23 6 3	14°40'49	20° 6	29° 6	27°49	22°49	19°R59	13°14	26°17	17°58	23°36	5°13	3°36	13°57	n.a.	T 19
W20	23 9 59	15°40'57	4♏ 7	28°23	28°59	23°25	19°58	13°21	26°19	18° 0	23°37	5° 7	3°33	14° 3	n.a.	W20
T 21	23 13 56	16°41'08	17°41	27°31	0♏ 9	24° 2	19°58	13°27	26°21	18° 1	23°39	5° 2	3°29	14°10	n.a.	T 21
F 22	23 17 52	17°41'20	0♐47	26°31	1°18	24°38	19°58	13°34	26°22	18° 2	23°40	4°59	3°26	14°17	n.a.	F 22
S 23	23 21 49	18°41'34	13°28	25°23	2°28	25°15	19°57	13°40	26°24	18° 4	23°41	4°D57	3°23	14°23	n.a.	S 23
S 24	23 25 45	19°41'50	25°48	24°11	3°37	25°52	19°56	13°47	26°26	18° 5	23°42	4°57	3°20	14°30	n.a.	S 24
M25	23 29 42	20°42'07	7♑52	22°54	4°47	26°29	19°55	13°53	26°28	18° 6	23°43	4°59	3°17	14°37	n.a.	M25
T 26	23 33 38	21°42'26	19°46	21°35	5°56	27° 6	19°53	14° 0	26°30	18° 7	23°44	5° 0	3°13	14°43	n.a.	T 26
W27	23 37 35	22°42'47	1♒33	20°18	7° 5	27°43	19°52	14° 6	26°32	18° 9	23°45	5°R 1	3°10	14°50	n.a.	W27
T 28	23 41 32	23°43'09	13°20	19° 4	8°14	28°21	19°50	14°12	26°34	18°10	23°47	5° 1	3° 7	14°56	n.a.	T 28
F 29	23 45 28	24°43'33	25°10	17°55	9°23	28°59	19°48	14°18	26°36	18°11	23°48	4°58	3° 4	15° 3	n.a.	F 29
S 30	23 49 25	25♍43'58	7♓ 6	16♍54	10♏31	29♐36	19♉46	14♌25	26♏38	18♋12	23♏49	4♌54	3♌ 1	15♒10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n48	17s 4	0s59	1n 4	2s26	3s22	0s45	26s12	3s33	17n 9	0s46	19n17	1n38	19s34	0s 1	23n 0	0n20	15s16	3n47	19n 7	19n27	18s 8		n.a.
S 2	12 28	14 6	2 1	0 33	2 33	3 54	0 48	26 14	3 31	17 9	0 46	19 15	1 38	19 34	0 1	23 0	0 20	15 16	3 47	19 7	19 27	18 7		n.a.
S 3	12 7	10 34	2 59	0 4	2 39	4 26	0 52	26 16	3 29	17 10	0 46	19 14	1 39	19 34	0 1	23 0	0 20	15 17	3 46	19 8	19 28	18 6		n.a.
M 4	11 46	6 34	3 49	0s25	2 45	4 58	0 56	26 19	3 27	17 11	0 46	19 12	1 39	19 35	0 1	22 59	0 20	15 17	3 46	19 8	19 29	18 5		n.a.
T 5	11 24	2 17	4 29	0 51	2 51	5 29	1 0	26 21	3 26	17 12	0 46	19 10	1 39	19 35	0 1	22 59	0 20	15 17	3 46	19 10	19 30	18 3		n.a.
W 6	11 3	2n10	4 57	1 16	2 56	6 1	1 3	26 23	3 24	17 13	0 46	19 8	1 39	19 35	0 1	22 59	0 20	15 18	3 46	19 11	19 30	18 2		n.a.
T 7	10 41	6 35	5 12	1 39	3 1	6 32	1 7	26 25	3 22	17 13	0 46	19 6	1 39	19 35	0 1	22 59	0 20	15 18	3 46	19 12	19 31	18 1		n.a.
F 8	10 19	10 48	5 12	2 1	3 5	7 4	1 11	26 27	3 20	17 14	0 46	19 4	1 39	19 36	0 1	22 59	0 20	15 19	3 45	19 12	19 32	18 0		n.a.
S 9	9 57	14 37	4 55	2 19	3 8	7 35	1 14	26 28	3 18	17 14	0 46	19 2	1 39	19 36	0 1	22 58	0 20	15 19	3 45	19 13	19 33	17 59		n.a.
S 10	9 35	17 47	4 23	2 35	3 11	8 6	1 18	26 30	3 16	17 15	0 47	19 0	1 39	19 36	0 1	22 58	0 20	15 19	3 45	19 13	19 33	17 58		n.a.
M11	9 12	20 2	3 35	2 49	3 14	8 37	1 22	26 31	3 14	17 15	0 47	18 58	1 40	19 37	0 1	22 58	0 20	15 20	3 45	19 13	19 34	17 57		n.a.
T 12	8 50	21 8	2 33	2 59	3 15	9 7	1 26	26 32	3 13	17 16	0 47	18 57	1 40	19 37	0 1	22 58	0 20	15 20	3 45	19 12	19 35	17 56		n.a.
W13	8 27	20 52	1 19	3 5	3 15	9 38	1 29	26 34	3 11	17 16	0 47	18 55	1 40	19 37	0 1	22 58	0 20	15 21	3 44	19 12	19 36	17 55		n.a.
T 14	8 4	19 10	0n 1	3 8	3 15	10 8	1 33	26 35	3 9	17 16	0 47	18 53	1 40	19 38	0 1	22 57	0 20	15 21	3 44	19 12	19 36	17 54		n.a.
F 15	7 41	16 7	1 22	3 7	3 13	10 38	1 36	26 36	3 7	17 16	0 47	18 51	1 40	19 38	0 1	22 57	0 20	15 21	3 44	19 12	19 37	17 53		n.a.
S 16	7 18	11 58	2 38	3 1	3 9	11 8	1 40	26 36	3 5	17 17	0 47	18 49	1 40	19 38	0 1	22 57	0 20	15 22	3 44	19 13	19 38	17 51		n.a.
S 17	6 55	7 5	3 42	2 50	3 5	11 37	1 44	26 37	3 3	17 17	0 47	18 47	1 40	19 39	0 1	22 57	0 20	15 22	3 43	19 14	19 39	17 50		n.a.
M18	6 31	1 51	4 30	2 35	2 58	12 6	1 47	26 37	3 1	17 17	0 47	18 45	1 40	19 39	0 1	22 57	0 20	15 23	3 43	19 15	19 40	17 49		n.a.
T 19	6 8	3s22	5 0	2 14	2 50	12 35	1 51	26 38	3 0	17 17	0 47	18 44	1 41	19 39	0 1	22 57	0 20	15 23	3 43	19 17	19 40	17 48		n.a.
W20	5 44	8 14	5 10	1 47	2 40	13 4	1 54	26 38	2 58	17 17	0 47	18 42	1 41	19 40	0 1	22 56	0 20	15 24	3 43	19 18	19 41	17 47		n.a.
T 21	5 20	12 32	5 3	1 15	2 28	13 32	1 58	26 38	2 56	17 17	0 47	18 40	1 41	19 40	0 1	22 56	0 20	15 24	3 43	19 19	19 42	17 46		n.a.
F 22	4 57	16 6	4 40	0 38	2 14	14 0	2 1	26 38	2 54	17 16	0 47	18 38	1 41	19 41	0 1	22 56	0 20	15 25	3 42	19 20	19 43	17 45		n.a.
S 23	4 33	18 46	4 3	0n 3	1 59	14 28	2 4	26 37	2 52	17 16	0 47	18 37	1 41	19 41	0 1	22 56	0 20	15 25	3 42	19 21	19 43	17 44		n.a.
S 24	4 9	20 30	3 17	0 48	1 41	14 56	2 8	26 37	2 51	17 16	0 47	18 35	1 41	19 42	0 1	22 56	0 20	15 26	3 42	19 21	19 44	17 42		n.a.
M25	3 45	21 14	2 22	1 36	1 23	15 23	2 11	26 36	2 49	17 16	0 47	18 33	1 42	19 42	0 1	22 56	0 20	15 26	3 42	19 20	19 45	17 41		n.a.
T 26	3 20	21 0	1 22	2 26	1 3	15 49	2 14	26 35	2 47	17 15	0 47	18 31	1 42	19 43	0 1	22 55	0 20	15 26	3 42	19 20	19 46	17 40		n.a.
W27	2 56	19 50	0 19	3 15	0 42	16 16	2 17	26 34	2 45	17 15	0 47	18 30	1 42	19 43	0 1	22 55	0 20	15 27	3 41	19 20	19 46	17 39		n.a.
T 28	2 32	17 49	0s45	4 4	0 22	16 42	2 20	26 33	2 43	17 14	0 47	18 28	1 42	19 44	0 1	22 55	0 20	15 27	3 41	19 20	19 47	17 38		n.a.
F 29	2 8	15 1	1 47	4 50	0 1	17 7	2 24	26 32	2 42	17 14	0 47	18 26	1 42	19 44	0 1	22 55	0 21	15 28	3 41	19 20	19 48	17 37		n.a.
S 30	1n43	11s35	2s44	5n32	0n18	17s32	2s27	26s30	2s40	17n13	0s47	18n25	1n42	19s45	0s 1	22n55	0n21	15s28	3n41	19n21	19n49	17s35		n.a.

Julian Day Number = 1282270.5, Delta T = 08h07m01s
Ecliptic obliquity = 23°50'10, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'14, Lahiri = -20°33'14 Julian Calendar 1 Sept. 1203 BCE == Greg. Calendar 21 Aug. 1203 BCE

The year -1202 astronomical counting style corresponds to year 1203 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1203 BCE
geocentric

OCTOBER 1203 BCE (-1202) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 53 21	26♍44'25	19♓10	16°R 3	11♏40	0♉14	19°R44	14♌31	26♏40	18♋13	23♏51	4°R47	2♌58	15♒16	n.a.	S 1
M 2	23 57 18	27°44'54	1♈24	15♍23	12°48	0°52	19♉41	14°37	26°43	18°14	23°52	4♌38	2°54	15°23	n.a.	M 2
T 3	0 1 14	28°45'25	13°49	14°53	13°57	1°30	19°38	14°43	26°45	18°15	23°53	4°27	2°51	15°30	n.a.	T 3
W 4	0 5 11	29°45'58	26°25	14°36	15° 5	2° 8	19°36	14°49	26°47	18°16	23°55	4°17	2°48	15°36	n.a.	W 4
T 5	0 9 7	0♎46'32	9♉14	14°D30	16°13	2°47	19°32	14°54	26°50	18°17	23°56	4° 7	2°45	15°43	n.a.	T 5
F 6	0 13 4	1°47'08	22°14	14°36	17°21	3°25	19°29	15° 0	26°52	18°18	23°58	3°59	2°42	15°50	n.a.	F 6
S 7	0 17 1	2°47'46	5♊26	14°52	18°28	4° 4	19°26	15° 6	26°54	18°19	23°59	3°53	2°38	15°56	n.a.	S 7
S 8	0 20 57	3°48'26	18°52	15°17	19°36	4°42	19°22	15°12	26°57	18°20	24° 0	3°50	2°35	16° 3	n.a.	S 8
M 9	0 24 54	4°49'09	2♋31	15°52	20°43	5°21	19°18	15°17	26°59	18°20	24° 2	3°D49	2°32	16°10	n.a.	M 9
T 10	0 28 50	5°49'52	16°26	16°35	21°51	6° 0	19°14	15°23	27° 2	18°21	24° 4	3°49	2°29	16°16	n.a.	T 10
W11	0 32 47	6°50'38	0♌36	17°25	22°58	6°39	19°10	15°28	27° 4	18°22	24° 5	3°R49	2°26	16°23	n.a.	W11
T 12	0 36 43	7°51'26	15° 0	18°21	24° 5	7°18	19° 5	15°34	27° 7	18°23	24° 7	3°49	2°23	16°30	n.a.	T 12
F 13	0 40 40	8°52'15	29°36	19°22	25°11	7°57	19° 1	15°39	27°10	18°23	24° 8	3°46	2°19	16°36	n.a.	F 13
S 14	0 44 36	9°53'06	14♍19	20°29	26°18	8°36	18°56	15°45	27°12	18°24	24°10	3°41	2°16	16°43	n.a.	S 14
S 15	0 48 33	10°53'58	29° 3	21°39	27°24	9°15	18°51	15°50	27°15	18°25	24°12	3°33	2°13	16°50	n.a.	S 15
M16	0 52 29	11°54'52	13♎40	22°53	28°30	9°55	18°46	15°55	27°18	18°25	24°13	3°23	2°10	16°56	n.a.	M16
T 17	0 56 26	12°55'47	28° 1	24°10	29°36	10°34	18°41	16° 0	27°21	18°26	24°15	3°11	2° 7	17° 3	n.a.	T 17
W18	1 0 23	13°56'44	12♏ 2	25°30	0♐42	11°14	18°35	16° 5	27°23	18°26	24°17	3° 0	2° 4	17° 9	n.a.	W18
T 19	1 4 19	14°57'41	25°37	26°52	1°48	11°53	18°30	16°10	27°26	18°27	24°18	2°50	2° 0	17°16	n.a.	T 19
F 20	1 8 16	15°58'40	8♐47	28°15	2°53	12°33	18°24	16°15	27°29	18°27	24°20	2°42	1°57	17°23	n.a.	F 20
S 21	1 12 12	16°59'40	21°31	29°40	3°58	13°13	18°18	16°20	27°32	18°28	24°22	2°37	1°54	17°29	n.a.	S 21
S 22	1 16 9	18° 0'40	3♑54	1♎ 7	5° 3	13°52	18°12	16°24	27°35	18°28	24°24	2°34	1°51	17°36	n.a.	S 22
M23	1 20 5	19° 1'42	16° 0	2°34	6° 7	14°32	18° 6	16°29	27°38	18°28	24°25	2°D33	1°48	17°43	n.a.	M23
T 24	1 24 2	20° 2'45	27°54	4° 3	7°11	15°12	17°59	16°34	27°41	18°29	24°27	2°R33	1°44	17°49	n.a.	T 24
W25	1 27 59	21° 3'48	9♒42	5°32	8°15	15°52	17°53	16°38	27°44	18°29	24°29	2°33	1°41	17°56	n.a.	W25
T 26	1 31 55	22° 4'52	21°29	7° 2	9°19	16°32	17°46	16°43	27°47	18°29	24°31	2°32	1°38	18° 3	n.a.	T 26
F 27	1 35 52	23° 5'57	3♓21	8°33	10°22	17°12	17°39	16°47	27°50	18°29	24°33	2°28	1°35	18° 9	n.a.	F 27
S 28	1 39 48	24° 7'02	15°22	10° 4	11°25	17°53	17°33	16°51	27°53	18°30	24°35	2°21	1°32	18°16	n.a.	S 28
S 29	1 43 45	25° 8'08	27°34	11°35	12°28	18°33	17°26	16°55	27°56	18°30	24°37	2°12	1°29	18°23	n.a.	S 29
M30	1 47 41	26° 9'15	10♈ 1	13° 7	13°30	19°13	17°19	16°59	27°59	18°30	24°39	2° 0	1°25	18°29	n.a.	M30
T 31	1 51 38	27♎10'23	22♈44	14♎38	14♐32	19♉53	17♉11	17♌ 3	28♏ 3	18♋30	24♏40	1♌47	1♌22	18♒36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	1n19	7s38	3s35	6n10	0n37	17s57	2s30	26s28	2s38	17n13	0s47	18n23	1n43	19s45	0s 1	22n55	0n21	15s29	3n41	19n23	19n49	17s34		n.a.	S 1
M 2	0 55	3 20	4 16	6 42	0 55	18 21	2 32	26 26	2 36	17 12	0 47	18 21	1 43	19 46	0 1	22 55	0 21	15 30	3 40	19 25	19 50	17 33		n.a.	M 2
T 3	0 30	1n 9	4 46	7 8	1 10	18 45	2 35	26 24	2 35	17 11	0 47	18 20	1 43	19 46	0 1	22 55	0 21	15 30	3 40	19 28	19 51	17 32		n.a.	T 3
W 4	0 6	5 40	5 2	7 27	1 24	19 8	2 38	26 22	2 33	17 10	0 47	18 18	1 43	19 47	0 1	22 54	0 21	15 31	3 40	19 30	19 51	17 31		n.a.	W 4
T 5	0s19	10 1	5 4	7 41	1 37	19 31	2 41	26 19	2 31	17 10	0 47	18 16	1 43	19 47	0 1	22 54	0 21	15 31	3 40	19 33	19 52	17 30		n.a.	T 5
F 6	0 43	13 58	4 50	7 49	1 47	19 54	2 43	26 17	2 29	17 9	0 47	18 15	1 43	19 48	0 1	22 54	0 21	15 32	3 40	19 35	19 53	17 28		n.a.	F 6
S 7	1 8	17 18	4 21	7 50	1 56	20 16	2 46	26 14	2 28	17 8	0 47	18 13	1 44	19 48	0 1	22 54	0 21	15 32	3 39	19 36	19 54	17 27		n.a.	S 7
S 8	1 32	19 46	3 36	7 47	2 3	20 37	2 48	26 11	2 26	17 7	0 47	18 12	1 44	19 49	0 1	22 54	0 21	15 33	3 39	19 37	19 54	17 26		n.a.	S 8
M 9	1 57	21 10	2 39	7 38	2 9	20 58	2 50	26 8	2 24	17 6	0 47	18 10	1 44	19 50	0 1	22 54	0 21	15 33	3 39	19 37	19 55	17 25		n.a.	M 9
T 10	2 21	21 18	1 32	7 25	2 13	21 18	2 53	26 4	2 23	17 5	0 47	18 9	1 44	19 50	0 1	22 54	0 21	15 34	3 39	19 37	19 56	17 24		n.a.	T 10
W11	2 46	20 5	0 17	7 8	2 16	21 38	2 55	26 1	2 21	17 3	0 47	18 7	1 44	19 51	0 1	22 54	0 21	15 34	3 39	19 37	19 57	17 22		n.a.	W11
T 12	3 10	17 33	0n59	6 48	2 18	21 57	2 57	25 57	2 19	17 2	0 47	18 6	1 45	19 51	0 1	22 54	0 21	15 35	3 39	19 37	19 57	17 21		n.a.	T 12
F 13	3 34	13 52	2 13	6 24	2 19	22 16	2 59	25 53	2 17	17 1	0 47	18 4	1 45	19 52	0 1	22 54	0 21	15 36	3 38	19 38	19 58	17 20		n.a.	F 13
S 14	3 59	9 18	3 18	5 57	2 19	22 34	3 1	25 49	2 16	17 0	0 47	18 3	1 45	19 53	0 1	22 54	0 21	15 36	3 38	19 39	19 59	17 19		n.a.	S 14
S 15	4 23	4 12	4 10	5 28	2 18	22 52	3 2	25 44	2 14	16 58	0 46	18 2	1 45	19 53	0 1	22 54	0 21	15 37	3 38	19 41	20 0	17 17		n.a.	S 15
M16	4 47	1s 7	4 45	4 56	2 16	23 9	3 4	25 40	2 12	16 57	0 46	18 0	1 45	19 54	0 1	22 53	0 21	15 37	3 38	19 43	20 0	17 16		n.a.	M16
T 17	5 11	6 16	5 1	4 23	2 13	23 25	3 5	25 35	2 11	16 56	0 46	17 59	1 46	19 55	0 1	22 53	0 21	15 38	3 38	19 46	20 1	17 15		n.a.	T 17
W18	5 35	10 58	4 59	3 48	2 10	23 41	3 7	25 30	2 9	16 54	0 46	17 57	1 46	19 55	0 1	22 53	0 21	15 38	3 37	19 49	20 2	17 14		n.a.	W18
T 19	5 59	14 58	4 39	3 12	2 6	23 56	3 8	25 25	2 8	16 53	0 46	17 56	1 46	19 56	0 1	22 53	0 21	15 39	3 37	19 51	20 2	17 12		n.a.	T 19
F 20	6 23	18 6	4 5	2 34	2 2	24 10	3 9	25 19	2 6	16 51	0 46	17 55	1 46	19 57	0 1	22 53	0 21	15 40	3 37	19 53	20 3	17 11		n.a.	F 20
S 21	6 47	20 14	3 20	1 55	1 58	24 24	3 10	25 14	2 4	16 49	0 46	17 54	1 46	19 57	0 1	22 53	0 21	15 40	3 37	19 54	20 4	17 10		n.a.	S 21
S 22	7 11	21 21	2 26	1 16	1 53	24 38	3 11	25 8	2 3	16 48	0 46	17 52	1 47	19 58	0 1	22 53	0 21	15 41	3 37	19 55	20 5	17 9		n.a.	S 22
M23	7 34	21 25	1 27	0 36	1 47	24 50	3 12	25 2	2 1	16 46	0 46	17 51	1 47	19 59	0 1	22 53	0 21	15 41	3 37	19 55	20 5	17 7		n.a.	M23
T 24	7 58	20 31	0 25	0s 5	1 42	25 2	3 13	24 56	1 59	16 44	0 46	17 50	1 47	19 59	0 1	22 53	0 21	15 42	3 36	19 55	20 6	17 6		n.a.	T 24
W25	8 21	18 43	0s38	0 46	1 36	25 14	3 13	24 50	1 58	16 42	0 46	17 49	1 47	20 0	0 1	22 53	0 21	15 43	3 36	19 55	20 7	17 5		n.a.	W25
T 26	8 44	16 8	1 39	1 28	1 30	25 24	3 14	24 43	1 56	16 41	0 46	17 48	1 48	20 1	0 1	22 53	0 21	15 43	3 36	19 55	20 8	17 4		n.a.	T 26
F 27	9 7	12 51	2 36	2 10	1 24	25 34	3 14	24 36	1 55	16 39	0 46	17 46	1 48	20 1	0 1	22 53	0 21	15 44	3 36	19 56	20 8	17 2		n.a.	F 27
S 28	9 30	9 1	3 26	2 52	1 17	25 44	3 14	24 29	1 53	16 37	0 46	17 45	1 48	20 2	0 1	22 53	0 21	15 44	3 36	19 58	20 9	17 1		n.a.	S 28
S 29	9 53	4 45	4 8	3 34	1 11	25 52	3 14	24 22	1 52	16 35	0 46	17 44	1 48	20 3	0 1	22 53	0 21	15 45	3 36	20 0	20 10	17 0		n.a.	S 29
M30	10 16	0 14	4 39	4 16	1 4	26 0	3 14	24 15	1 50	16 33	0 46	17 43	1 48	20 4	0 1	22 53	0 21	15 46	3 36	20 3	20 10	16 58		n.a.	M30
T 31	10s38	4n24	4s56	4s59	0n58	26s 7	3s13	24s 7	1s49	16n31	0s46	17n42	1n49	20s 4	0s 1	22n53	0n21	15s46	3n35	20n 6	20n11	16s57		n.a.	T 31

Julian Day Number = 1282300.5, Delta T = 08h06m59s
Ecliptic obliquity = 23°50'11, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'10, Lahiri = -20°33'10 Julian Calendar 1 Oct. 1203 BCE == Greg. Calendar 20 Sept. 1203 BCE

The year -1202 astronomical counting style corresponds to year 1203 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1203 BCE
geocentric

NOVEMBER 1203 BCE (-1202) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 55 34	28♎11'32	5♉41	16♎11	15♐34	20♑34	17°R 4	17♌ 7	28♏ 6	18°R30	24♏42	1°R33	1♌19	18♒43	n.a.	W 1
T 2	1 59 31	29°12'41	18°51	17°43	16°35	21°14	16♉57	17°11	28° 9	18♋30	24°44	1♌19	1°16	18°49	n.a.	T 2
F 3	2 3 28	0♏13'52	2♊14	19°15	17°36	21°54	16°49	17°15	28°12	18°30	24°46	1° 8	1°13	18°56	n.a.	F 3
S 4	2 7 24	1°15'03	15°46	20°48	18°37	22°35	16°42	17°18	28°16	18°30	24°48	1° 0	1°10	19° 3	n.a.	S 4
S 5	2 11 21	2°16'15	29°27	22°21	19°37	23°15	16°34	17°22	28°19	18°30	24°50	0°54	1° 6	19° 9	n.a.	S 5
M 6	2 15 17	3°17'29	13♋15	23°54	20°36	23°56	16°26	17°25	28°22	18°30	24°52	0°52	1° 3	19°16	n.a.	M 6
T 7	2 19 14	4°18'43	27°11	25°27	21°36	24°37	16°18	17°29	28°26	18°29	24°54	0°51	1° 0	19°23	n.a.	T 7
W 8	2 23 10	5°19'58	11♌12	27° 0	22°34	25°17	16°11	17°32	28°29	18°29	24°56	0°51	0°57	19°29	n.a.	W 8
T 9	2 27 7	6°21'13	25°21	28°33	23°33	25°58	16° 3	17°35	28°32	18°29	24°58	0°50	0°54	19°36	n.a.	T 9
F 10	2 31 3	7°22'30	9♍34	0♏ 7	24°30	26°38	15°55	17°38	28°36	18°29	25° 0	0°47	0°50	19°42	n.a.	F 10
S 11	2 35 0	8°23'47	23°51	1°40	25°28	27°19	15°47	17°41	28°39	18°28	25° 2	0°42	0°47	19°49	n.a.	S 11
S 12	2 38 57	9°25'05	8♎ 8	3°14	26°24	28° 0	15°39	17°44	28°43	18°28	25° 5	0°33	0°44	19°56	n.a.	S 12
M13	2 42 53	10°26'23	22°19	4°48	27°20	28°41	15°30	17°47	28°46	18°28	25° 7	0°22	0°41	20° 2	n.a.	M13
T 14	2 46 50	11°27'42	6♏19	6°22	28°16	29°21	15°22	17°49	28°49	18°27	25° 9	0° 9	0°38	20° 9	n.a.	T 14
W15	2 50 46	12°29'01	20° 4	7°56	29°11	0♒ 2	15°14	17°52	28°53	18°27	25°11	29♋56	0°35	20°16	n.a.	W15
T 16	2 54 43	13°30'20	3♐29	9°30	0♑ 5	0°43	15° 6	17°54	28°56	18°26	25°13	29°45	0°31	20°22	n.a.	T 16
F 17	2 58 39	14°31'39	16°33	11° 5	0°59	1°24	14°58	17°57	29° 0	18°26	25°15	29°35	0°28	20°29	n.a.	F 17
S 18	3 2 36	15°32'59	29°16	12°40	1°52	2° 5	14°50	17°59	29° 3	18°25	25°17	29°29	0°25	20°36	n.a.	S 18
S 19	3 6 32	16°34'18	11♑39	14°15	2°44	2°46	14°42	18° 1	29° 7	18°25	25°19	29°25	0°22	20°42	n.a.	S 19
M20	3 10 29	17°35'37	23°46	15°51	3°36	3°27	14°33	18° 3	29°10	18°24	25°21	29°23	0°19	20°49	n.a.	M20
T 21	3 14 26	18°36'56	5♒41	17°26	4°27	4° 8	14°25	18° 5	29°14	18°23	25°23	29°D23	0°15	20°56	n.a.	T 21
W22	3 18 22	19°38'15	17°30	19° 2	5°16	4°49	14°17	18° 7	29°17	18°23	25°26	29°R24	0°12	21° 2	n.a.	W22
T 23	3 22 19	20°39'33	29°18	20°38	6° 6	5°30	14° 9	18° 9	29°21	18°22	25°28	29°23	0° 9	21° 9	n.a.	T 23
F 24	3 26 15	21°40'51	11♓11	22°15	6°54	6°11	14° 1	18°11	29°25	18°21	25°30	29°21	0° 6	21°16	n.a.	F 24
S 25	3 30 12	22°42'08	23°14	23°52	7°41	6°52	13°53	18°12	29°28	18°21	25°32	29°17	0° 3	21°22	n.a.	S 25
S 26	3 34 8	23°43'25	5♈31	25°29	8°27	7°33	13°45	18°14	29°32	18°20	25°34	29°10	29♋59	21°29	n.a.	S 26
M27	3 38 5	24°44'42	18° 6	27° 7	9°13	8°14	13°37	18°15	29°35	18°19	25°36	29° 1	29°56	21°36	n.a.	M27
T 28	3 42 2	25°45'58	1♉ 0	28°45	9°57	8°55	13°30	18°16	29°39	18°18	25°38	28°50	29°53	21°42	n.a.	T 28
W29	3 45 58	26°47'14	14°14	0♐23	10°40	9°36	13°22	18°17	29°42	18°17	25°40	28°38	29°50	21°49	n.a.	W29
T 30	3 49 55	27♏48'30	27♉46	2♐ 2	11♑22	10♒17	13♉14	18♌18	29♏46	18♋16	25♏43	28♋27	29♋47	21♒56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s 0	8n56	4s59	5s41	0n51	26s14	3s13	24s 0	1s47	16n29	0s45	17n41	1n49	20s 5	0s 1	22n53	0n21	15s47	3n35	20n 9	20n12	16s56		n.a.
T 2	11 22	13 8	4 46	6 23	0 44	26 20	3 12	23 52	1 46	16 27	0 45	17 40	1 49	20 6	0 1	22 53	0 21	15 47	3 35	20 12	20 13	16 54		n.a.
F 3	11 44	16 45	4 18	7 5	0 38	26 25	3 11	23 44	1 44	16 25	0 45	17 39	1 49	20 7	0 1	22 53	0 21	15 48	3 35	20 14	20 13	16 53		n.a.
S 4	12 6	19 31	3 34	7 47	0 31	26 30	3 10	23 36	1 43	16 23	0 45	17 39	1 50	20 7	0 1	22 53	0 21	15 49	3 35	20 16	20 14	16 52		n.a.
S 5	12 28	21 12	2 38	8 28	0 24	26 34	3 9	23 27	1 41	16 21	0 45	17 38	1 50	20 8	0 1	22 53	0 21	15 49	3 35	20 17	20 15	16 50		n.a.
M 6	12 49	21 39	1 32	9 9	0 17	26 37	3 8	23 19	1 40	16 19	0 45	17 37	1 50	20 9	0 1	22 53	0 21	15 50	3 35	20 18	20 15	16 49		n.a.
T 7	13 10	20 45	0 19	9 50	0 10	26 40	3 6	23 10	1 38	16 17	0 45	17 36	1 50	20 10	0 1	22 53	0 21	15 51	3 34	20 18	20 16	16 48		n.a.
W 8	13 31	18 34	0n54	10 31	0 4	26 42	3 4	23 1	1 37	16 14	0 45	17 35	1 51	20 10	0 1	22 53	0 22	15 51	3 34	20 18	20 17	16 46		n.a.
T 9	13 52	15 15	2 6	11 11	0s 3	26 43	3 3	22 52	1 35	16 12	0 45	17 34	1 51	20 11	0 1	22 54	0 22	15 52	3 34	20 18	20 17	16 45		n.a.
F 10	14 12	11 1	3 9	11 51	0 10	26 43	3 0	22 42	1 34	16 10	0 44	17 34	1 51	20 12	0 1	22 54	0 22	15 52	3 34	20 19	20 18	16 44		n.a.
S 11	14 32	6 10	4 1	12 30	0 16	26 43	2 58	22 33	1 32	16 8	0 44	17 33	1 51	20 13	0 1	22 54	0 22	15 53	3 34	20 20	20 19	16 42		n.a.
S 12	14 52	0 59	4 38	13 9	0 23	26 43	2 56	22 23	1 31	16 5	0 44	17 32	1 52	20 13	0 1	22 54	0 22	15 54	3 34	20 22	20 20	16 41		n.a.
M13	15 12	4s14	4 58	13 47	0 29	26 41	2 53	22 13	1 29	16 3	0 44	17 32	1 52	20 14	0 1	22 54	0 22	15 54	3 34	20 24	20 20	16 40		n.a.
T 14	15 31	9 9	4 59	14 25	0 35	26 39	2 50	22 3	1 28	16 1	0 44	17 31	1 52	20 15	0 1	22 54	0 22	15 55	3 34	20 27	20 21	16 38		n.a.
W15	15 50	13 31	4 43	15 2	0 41	26 37	2 47	21 53	1 27	15 59	0 44	17 31	1 52	20 16	0 1	22 54	0 22	15 56	3 33	20 30	20 22	16 37		n.a.
T 16	16 9	17 6	4 11	15 39	0 47	26 34	2 43	21 43	1 25	15 56	0 44	17 30	1 53	20 17	0 1	22 54	0 22	15 56	3 33	20 32	20 22	16 36		n.a.
F 17	16 28	19 43	3 26	16 15	0 53	26 30	2 40	21 32	1 24	15 54	0 43	17 30	1 53	20 17	0 1	22 54	0 22	15 57	3 33	20 34	20 23	16 34		n.a.
S 18	16 46	21 17	2 33	16 50	0 59	26 25	2 36	21 22	1 22	15 52	0 43	17 29	1 53	20 18	0 1	22 54	0 22	15 57	3 33	20 36	20 24	16 33		n.a.
S 19	17 4	21 46	1 33	17 24	1 5	26 20	2 32	21 11	1 21	15 50	0 43	17 29	1 53	20 19	0 1	22 54	0 22	15 58	3 33	20 37	20 24	16 31		n.a.
M20	17 22	21 13	0 30	17 58	1 10	26 15	2 28	21 0	1 20	15 47	0 43	17 28	1 54	20 20	0 1	22 54	0 22	15 59	3 33	20 37	20 25	16 30		n.a.
T 21	17 39	19 42	0s33	18 31	1 15	26 9	2 23	20 49	1 18	15 45	0 43	17 28	1 54	20 21	0 1	22 55	0 22	15 59	3 33	20 37	20 26	16 29		n.a.
W22	17 56	17 21	1 35	19 3	1 20	26 2	2 18	20 37	1 17	15 43	0 43	17 28	1 54	20 21	0 1	22 55	0 22	16 0	3 33	20 37	20 27	16 27		n.a.
T 23	18 13	14 17	2 32	19 34	1 25	25 55	2 13	20 26	1 16	15 40	0 43	17 27	1 54	20 22	0 1	22 55	0 22	16 0	3 32	20 37	20 27	16 26		n.a.
F 24	18 29	10 37	3 23	20 5	1 30	25 47	2 8	20 14	1 14	15 38	0 42	17 27	1 55	20 23	0 1	22 55	0 22	16 1	3 32	20 37	20 28	16 24		n.a.
S 25	18 45	6 29	4 6	20 34	1 34	25 39	2 3	20 2	1 13	15 36	0 42	17 27	1 55	20 24	0 1	22 55	0 22	16 2	3 32	20 38	20 29	16 23		n.a.
S 26	19 1	2 1	4 38	21 3	1 38	25 30	1 57	19 51	1 12	15 34	0 42	17 27	1 55	20 24	0 1	22 55	0 22	16 2	3 32	20 40	20 29	16 22		n.a.
M27	19 16	2n38	4 58	21 30	1 42	25 21	1 51	19 38	1 10	15 31	0 42	17 26	1 56	20 25	0 1	22 55	0 22	16 3	3 32	20 42	20 30	16 20		n.a.
T 28	19 31	7 17	5 3	21 56	1 46	25 12	1 45	19 26	1 9	15 29	0 42	17 26	1 56	20 26	0 1	22 55	0 22	16 3	3 32	20 44	20 31	16 19		n.a.
W29	19 46	11 43	4 53	22 21	1 49	25 2	1 38	19 14	1 8	15 27	0 41	17 26	1 56	20 27	0 1	22 56	0 22	16 4	3 32	20 46	20 31	16 17		n.a.
T 30	20s 0	15n41	4s25	22s45	1s52	24s51	1s31	19s 1	1s 7	15n25	0s41	17n26	1n56	20s28	0s 1	22n56	0n22	16s 5	3n32	20n49	20n32	16s16		n.a.

Julian Day Number = 1282331.5, Delta T = 08h06m58s
Ecliptic obliquity = 23°50'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'06, Lahiri = -20°33'05 Julian Calendar 1 Nov. 1203 BCE == Greg. Calendar 21 Oct. 1203 BCE

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ASTRODIENST EPHEMERIS for the year 1203 BCE
geocentric

DECEMBER 1203 BCE (-1202) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 53 51	28♏49'45	11♊34	3♐41	12♑ 3	10♒58	13°R 7	18♌19	29♏50	18°R15	25♏45	28°R18	29♋44	22♒ 2	n.a.	F 1
S 2	3 57 48	29°50'59	25°34	5°20	12°43	11°39	12♉59	18°20	29°53	18♋14	25°47	28♋11	29°41	22° 9	n.a.	S 2
S 3	4 1 44	0♐52'14	9♋41	7° 0	13°21	12°20	12°52	18°21	29°57	18°13	25°49	28° 7	29°37	22°16	n.a.	S 3
M 4	4 5 41	1°53'28	23°51	8°40	13°59	13° 1	12°44	18°21	0♐ 0	18°12	25°51	28°D 6	29°34	22°22	n.a.	M 4
T 5	4 9 37	2°54'42	8♌ 2	10°21	14°34	13°42	12°37	18°22	0° 4	18°11	25°53	28° 6	29°31	22°29	n.a.	T 5
W 6	4 13 34	3°55'55	22°12	12° 2	15° 9	14°23	12°30	18°22	0° 8	18°10	25°55	28° 7	29°28	22°36	n.a.	W 6
T 7	4 17 31	4°57'09	6♍19	13°43	15°42	15° 4	12°23	18°22	0°11	18° 9	25°57	28°R 7	29°25	22°42	n.a.	T 7
F 8	4 21 27	5°58'21	20°21	15°24	16°13	15°45	12°16	18°22	0°15	18° 8	25°59	28° 6	29°21	22°49	n.a.	F 8
S 9	4 25 24	6°59'34	4♎19	17° 5	16°43	16°26	12° 9	18°R23	0°18	18° 7	26° 2	28° 3	29°18	22°55	n.a.	S 9
S 10	4 29 20	8° 0'46	18°10	18°46	17°11	17° 7	12° 2	18°22	0°22	18° 6	26° 4	27°58	29°15	23° 2	n.a.	S 10
M11	4 33 17	9° 1'57	1♏53	20°28	17°37	17°48	11°56	18°22	0°25	18° 5	26° 6	27°50	29°12	23° 9	n.a.	M11
T 12	4 37 13	10° 3'08	15°26	22° 9	18° 2	18°29	11°50	18°22	0°29	18° 3	26° 8	27°42	29° 9	23°15	n.a.	T 12
W13	4 41 10	11° 4'18	28°45	23°49	18°25	19°10	11°43	18°22	0°32	18° 2	26°10	27°33	29° 6	23°22	n.a.	W13
T 14	4 45 7	12° 5'27	11♐50	25°29	18°46	19°51	11°37	18°21	0°36	18° 1	26°12	27°25	29° 2	23°29	n.a.	T 14
F 15	4 49 3	13° 6'36	24°39	27° 9	19° 4	20°32	11°31	18°21	0°40	18° 0	26°14	27°19	28°59	23°35	n.a.	F 15
S 16	4 53 0	14° 7'43	7♑11	28°47	19°21	21°13	11°25	18°20	0°43	17°58	26°16	27°15	28°56	23°42	n.a.	S 16
S 17	4 56 56	15° 8'49	19°29	0♑24	19°36	21°54	11°20	18°19	0°47	17°57	26°18	27°13	28°53	23°49	n.a.	S 17
M18	5 0 53	16° 9'54	1♒33	1°59	19°49	22°35	11°14	18°18	0°50	17°56	26°20	27°D12	28°50	23°55	n.a.	M18
T 19	5 4 49	17°10'58	13°28	3°32	19°59	23°17	11° 9	18°17	0°54	17°54	26°22	27°13	28°47	24° 2	n.a.	T 19
W20	5 8 46	18°12'01	25°17	5° 2	20° 7	23°58	11° 4	18°16	0°57	17°53	26°24	27°15	28°43	24° 9	n.a.	W20
T 21	5 12 42	19°13'02	7♓ 5	6°30	20°13	24°39	10°59	18°15	1° 0	17°51	26°26	27°17	28°40	24°15	n.a.	T 21
F 22	5 16 39	20°14'01	18°58	7°54	20°16	25°20	10°54	18°13	1° 4	17°50	26°28	27°R17	28°37	24°22	n.a.	F 22
S 23	5 20 36	21°14'59	1♈ 0	9°13	20°R17	26° 0	10°49	18°12	1° 7	17°49	26°30	27°17	28°34	24°29	n.a.	S 23
S 24	5 24 32	22°15'56	13°16	10°27	20°15	26°41	10°45	18°10	1°11	17°47	26°32	27°15	28°31	24°35	n.a.	S 24
M25	5 28 29	23°16'51	25°51	11°36	20°11	27°22	10°40	18° 9	1°14	17°46	26°34	27°11	28°27	24°42	n.a.	M25
T 26	5 32 25	24°17'44	8♉49	12°38	20° 4	28° 3	10°36	18° 7	1°18	17°44	26°36	27° 6	28°24	24°49	n.a.	T 26
W27	5 36 22	25°18'36	22°10	13°33	19°55	28°44	10°32	18° 5	1°21	17°43	26°38	27° 1	28°21	24°55	n.a.	W27
T 28	5 40 18	26°19'26	5♊54	14°19	19°43	29°25	10°29	18° 3	1°24	17°41	26°40	26°56	28°18	25° 2	n.a.	T 28
F 29	5 44 15	27°20'15	20° 0	14°57	19°28	0♓ 6	10°25	18° 1	1°28	17°40	26°42	26°52	28°15	25° 9	n.a.	F 29
S 30	5 48 12	28°21'03	4♋23	15°25	19°12	0°47	10°22	17°59	1°31	17°38	26°44	26°49	28°12	25°15	n.a.	S 30
S 31	5 52 8	29♐21'49	18♋58	15♑43	18♑52	1♓28	10♉18	17♌57	1♐34	17♋36	26♏46	26♋47	28♋ 8	25♒22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s14	18n53	3s42	23s 7	1s55	24s40	1s24	18s49	1s 5	15n23	0s41	17n26	1n57	20s28	0s 2	22n56	0n22	16s 5	3n32	20n51	20n33	16s15		n.a.
S 2	20 27	21 1	2 45	23 28	1 58	24 29	1 16	18 36	1 4	15 21	0 41	17 26	1 57	20 29	0 2	22 56	0 22	16 6	3 32	20 52	20 33	16 13		n.a.
S 3	20 40	21 52	1 37	23 48	2 0	24 17	1 9	18 23	1 3	15 19	0 41	17 26	1 57	20 30	0 2	22 56	0 22	16 6	3 31	20 53	20 34	16 12		n.a.
M 4	20 53	21 19	0 23	24 7	2 1	24 5	1 0	18 10	1 2	15 17	0 41	17 26	1 57	20 31	0 2	22 56	0 22	16 7	3 31	20 53	20 35	16 10		n.a.
T 5	21 5	19 25	0n53	24 23	2 3	23 53	0 52	17 57	1 0	15 14	0 40	17 26	1 58	20 32	0 2	22 57	0 22	16 8	3 31	20 53	20 35	16 9		n.a.
W 6	21 17	16 19	2 6	24 39	2 3	23 41	0 43	17 44	0 59	15 12	0 40	17 26	1 58	20 32	0 2	22 57	0 22	16 8	3 31	20 53	20 36	16 7		n.a.
T 7	21 29	12 17	3 10	24 52	2 4	23 28	0 34	17 30	0 58	15 10	0 40	17 27	1 58	20 33	0 2	22 57	0 22	16 9	3 31	20 53	20 37	16 6		n.a.
F 8	21 40	7 36	4 3	25 4	2 4	23 15	0 25	17 17	0 57	15 9	0 40	17 27	1 59	20 34	0 2	22 57	0 22	16 9	3 31	20 53	20 37	16 4		n.a.
S 9	21 50	2 33	4 41	25 14	2 3	23 1	0 15	17 3	0 55	15 7	0 39	17 27	1 59	20 35	0 2	22 57	0 22	16 10	3 31	20 54	20 38	16 3		n.a.
S 10	22 0	2s35	5 3	25 22	2 2	22 48	0 5	16 49	0 54	15 5	0 39	17 27	1 59	20 35	0 2	22 57	0 22	16 10	3 31	20 55	20 39	16 1		n.a.
M11	22 10	7 32	5 6	25 29	2 0	22 34	0n 5	16 35	0 53	15 3	0 39	17 28	1 59	20 36	0 2	22 58	0 22	16 11	3 31	20 56	20 39	16 0		n.a.
T 12	22 20	12 4	4 53	25 33	1 58	22 20	0 16	16 21	0 52	15 1	0 39	17 28	2 0	20 37	0 2	22 58	0 22	16 12	3 31	20 58	20 40	15 58		n.a.
W13	22 28	15 56	4 23	25 36	1 55	22 6	0 27	16 7	0 51	14 59	0 39	17 28	2 0	20 38	0 2	22 58	0 22	16 12	3 31	21 0	20 41	15 57		n.a.
T 14	22 37	18 56	3 40	25 36	1 51	21 52	0 38	15 53	0 50	14 58	0 38	17 29	2 0	20 38	0 2	22 58	0 22	16 13	3 31	21 1	20 41	15 56		n.a.
F 15	22 45	20 57	2 47	25 35	1 46	21 38	0 50	15 39	0 48	14 56	0 38	17 29	2 0	20 39	0 2	22 58	0 22	16 13	3 31	21 3	20 42	15 54		n.a.
S 16	22 52	21 52	1 46	25 31	1 41	21 24	1 2	15 24	0 47	14 54	0 38	17 30	2 1	20 40	0 2	22 59	0 22	16 14	3 31	21 3	20 43	15 53		n.a.
S 17	23 0	21 42	0 42	25 25	1 35	21 10	1 14	15 10	0 46	14 53	0 38	17 30	2 1	20 41	0 2	22 59	0 22	16 14	3 30	21 4	20 43	15 51		n.a.
M18	23 6	20 32	0s24	25 18	1 28	20 55	1 26	14 55	0 45	14 51	0 38	17 31	2 1	20 41	0 2	22 59	0 22	16 15	3 30	21 4	20 44	15 50		n.a.
T 19	23 12	18 27	1 27	25 8	1 21	20 41	1 39	14 40	0 44	14 50	0 37	17 31	2 1	20 42	0 2	22 59	0 22	16 15	3 30	21 4	20 45	15 48		n.a.
W20	23 18	15 36	2 27	24 56	1 12	20 27	1 53	14 26	0 43	14 48	0 37	17 32	2 2	20 43	0 2	22 59	0 22	16 16	3 30	21 3	20 45	15 47		n.a.
T 21	23 23	12 8	3 20	24 43	1 3	20 13	2 6	14 11	0 42	14 47	0 37	17 32	2 2	20 44	0 2	23 0	0 22	16 16	3 30	21 3	20 46	15 45		n.a.
F 22	23 28	8 11	4 5	24 28	0 52	19 58	2 20	13 56	0 41	14 46	0 37	17 33	2 2	20 44	0 2	23 0	0 22	16 17	3 30	21 3	20 47	15 43		n.a.
S 23	23 33	3 52	4 40	24 11	0 41	19 45	2 34	13 41	0 40	14 45	0 36	17 34	2 2	20 45	0 2	23 0	0 23	16 17	3 30	21 3	20 47	15 42		n.a.
S 24	23 36	0n41	5 3	23 53	0 28	19 31	2 48	13 25	0 38	14 43	0 36	17 35	2 3	20 46	0 2	23 0	0 23	16 18	3 30	21 3	20 48	15 40		n.a.
M25	23 40	5 19	5 12	23 34	0 15	19 17	3 2	13 10	0 37	14 42	0 36	17 35	2 3	20 47	0 2	23 0	0 23	16 18	3 30	21 4	20 49	15 39		n.a.
T 26	23 43	9 51	5 6	23 14	0 1	19 4	3 17	12 55	0 36	14 41	0 36	17 36	2 3	20 47	0 2	23 1	0 23	16 19	3 30	21 5	20 49	15 37		n.a.
W27	23 45	14 3	4 43	22 53	0n15	18 51	3 32	12 39	0 35	14 40	0 35	17 37	2 3	20 48	0 2	23 1	0 23	16 19	3 30	21 6	20 50	15 36		n.a.
T 28	23 47	17 39	4 3	22 33	0 31	18 38	3 46	12 24	0 34	14 39	0 35	17 38	2 4	20 49	0 2	23 1	0 23	16 20	3 30	21 7	20 51	15 34		n.a.
F 29	23 49	20 20	3 8	22 12	0 47	18 25	4 1	12 8	0 33	14 38	0 35	17 39	2 4	20 49	0 2	23 1	0 23	16 20	3 30	21 8	20 51	15 33		n.a.
S 30	23 50	21 46	2 0	21 52	1 5	18 13	4 16	11 53	0 32	14 37	0 35	17 40	2 4	20 50	0 2	23 2	0 23	16 21	3 30	21 9	20 52	15 31		n.a.
S 31	23s50	21n46	0s43	21s32	1n22	18s 1	4n31	11s37	0s31	14n37	0s35	17n40	2n 4	20s51	0s 2	23n 2	0n23	16s21	3n30	21n 9	20n53	15s30		n.a.

Julian Day Number = 1282361.5, Delta T = 08h06m56s
Ecliptic obliquity = 23°50'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°40'02, Lahiri = -20°33'01 Julian Calendar 1 Dec. 1203 BCE == Greg. Calendar 20 Nov. 1203 BCE

The year -1202 astronomical counting style corresponds to year 1203 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1202 BCE
geocentric

JANUARY 1202 BCE (-1201) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 56 5	0♉22'34	3♌37	15°R50	18°R30	2♓ 9	10°R15	17°R55	1♐37	17°R35	26♏47	26°D47	28♋ 5	25♒29	n.a.	M 1
T 2	6 0 1	1°23'17	18°14	15♉46	18♉ 6	2°49	10♉13	17♌52	1°41	17♋33	26°49	26♋48	28° 2	25°35	n.a.	T 2
W 3	6 3 58	2°23'59	2♍45	15°32	17°40	3°30	10°10	17°50	1°44	17°32	26°51	26°49	27°59	25°42	n.a.	W 3
T 4	6 7 54	3°24'39	17° 5	15° 7	17°12	4°11	10° 8	17°47	1°47	17°30	26°53	26°51	27°56	25°49	n.a.	T 4
F 5	6 11 51	4°25'18	1♎12	14°32	16°42	4°52	10° 5	17°44	1°50	17°28	26°55	26°R52	27°53	25°55	n.a.	F 5
S 6	6 15 47	5°25'56	15° 5	13°48	16°10	5°33	10° 3	17°42	1°53	17°27	26°56	26°51	27°49	26° 2	n.a.	S 6
S 7	6 19 44	6°26'33	28°42	12°56	15°37	6°13	10° 1	17°39	1°56	17°25	26°58	26°50	27°46	26° 9	n.a.	S 7
M 8	6 23 41	7°27'08	12♏ 5	11°58	15° 2	6°54	10° 0	17°36	2° 0	17°24	27° 0	26°48	27°43	26°15	n.a.	M 8
T 9	6 27 37	8°27'42	25°14	10°54	14°26	7°35	9°58	17°33	2° 3	17°22	27° 2	26°45	27°40	26°22	n.a.	T 9
W10	6 31 34	9°28'14	8♐ 9	9°48	13°50	8°16	9°57	17°30	2° 6	17°20	27° 3	26°42	27°37	26°29	n.a.	W10
T 11	6 35 30	10°28'45	20°50	8°40	13°13	8°56	9°56	17°27	2° 9	17°19	27° 5	26°40	27°33	26°35	n.a.	T 11
F 12	6 39 27	11°29'14	3♑20	7°32	12°35	9°37	9°55	17°23	2°12	17°17	27° 7	26°38	27°30	26°42	n.a.	F 12
S 13	6 43 23	12°29'41	15°37	6°27	11°58	10°18	9°55	17°20	2°15	17°15	27° 8	26°37	27°27	26°49	n.a.	S 13
S 14	6 47 20	13°30'06	27°44	5°25	11°20	10°58	9°54	17°17	2°18	17°14	27°10	26°D37	27°24	26°55	n.a.	S 14
M15	6 51 16	14°30'29	9♒43	4°27	10°43	11°39	9°54	17°13	2°20	17°12	27°11	26°37	27°21	27° 2	n.a.	M15
T 16	6 55 13	15°30'51	21°35	3°36	10° 7	12°19	9°D54	17°10	2°23	17°10	27°13	26°38	27°18	27° 9	n.a.	T 16
W17	6 59 10	16°31'10	3♓24	2°50	9°31	13° 0	9°54	17° 6	2°26	17° 9	27°15	26°39	27°14	27°15	n.a.	W17
T 18	7 3 6	17°31'27	15°12	2°12	8°57	13°41	9°54	17° 2	2°29	17° 7	27°16	26°40	27°11	27°22	n.a.	T 18
F 19	7 7 3	18°31'42	27° 5	1°41	8°24	14°21	9°55	16°59	2°32	17° 5	27°18	26°41	27° 8	27°29	n.a.	F 19
S 20	7 10 59	19°31'55	9♈ 5	1°16	7°52	15° 2	9°56	16°55	2°34	17° 4	27°19	26°41	27° 5	27°35	n.a.	S 20
S 21	7 14 56	20°32'05	21°19	0°59	7°22	15°42	9°57	16°51	2°37	17° 2	27°20	26°R41	27° 2	27°42	n.a.	S 21
M22	7 18 52	21°32'14	3♉50	0°50	6°54	16°23	9°58	16°47	2°40	17° 0	27°22	26°41	26°59	27°49	n.a.	M22
T 23	7 22 49	22°32'20	16°43	0°D46	6°28	17° 3	9°59	16°43	2°42	16°59	27°23	26°41	26°55	27°55	n.a.	T 23
W24	7 26 45	23°32'23	0♊ 0	0°50	6° 4	17°43	10° 1	16°39	2°45	16°57	27°25	26°41	26°52	28° 2	n.a.	W24
T 25	7 30 42	24°32'25	13°44	0°59	5°43	18°24	10° 3	16°35	2°48	16°55	27°26	26°40	26°49	28° 9	n.a.	T 25
F 26	7 34 39	25°32'24	27°54	1°14	5°24	19° 4	10° 5	16°31	2°50	16°54	27°27	26°40	26°46	28°15	n.a.	F 26
S 27	7 38 35	26°32'21	12♋27	1°35	5° 7	19°45	10° 7	16°26	2°53	16°52	27°29	26°D40	26°43	28°22	n.a.	S 27
S 28	7 42 32	27°32'16	27°18	2° 1	4°52	20°25	10° 9	16°22	2°55	16°50	27°30	26°R40	26°39	28°29	n.a.	S 28
M29	7 46 28	28°32'09	12♌19	2°32	4°40	21° 5	10°12	16°18	2°57	16°49	27°31	26°40	26°36	28°35	n.a.	M29
T 30	7 50 25	29°32'00	27°22	3° 7	4°31	21°46	10°14	16°14	3° 0	16°47	27°32	26°40	26°33	28°42	n.a.	T 30
W31	7 54 21	0♒31'49	12♍19	3♉46	4♉24	22♓26	10♉17	16♌ 9	3♐ 2	16♋45	27♏34	26♋40	26♋30	28♒49	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23 s50	20n16	0n37	21 s14	1n40	17 s49	4n45	11 s21	0 s30	14n36	0 s34	17n41	2n 5	20 s51	0 s 2	23n 2	0n23	16 s22	3n30	21n 9	20n53	15 s28			n.a.
T 2	23 50	17 26	1 55	20 56	1 58	17 38	5 0	11 5	0 29	14 35	0 34	17 42	2 5	20 52	0 2	23 2	0 23	16 22	3 30	21 9	20 54	15 26			n.a.
W 3	23 49	13 32	3 5	20 41	2 15	17 28	5 14	10 49	0 28	14 34	0 34	17 43	2 5	20 53	0 2	23 2	0 23	16 23	3 30	21 8	20 55	15 25			n.a.
T 4	23 47	8 54	4 3	20 27	2 32	17 17	5 28	10 33	0 27	14 34	0 34	17 44	2 5	20 53	0 2	23 3	0 23	16 23	3 30	21 8	20 55	15 23			n.a.
F 5	23 46	3 51	4 44	20 15	2 48	17 7	5 42	10 17	0 26	14 33	0 33	17 46	2 6	20 54	0 2	23 3	0 23	16 24	3 30	21 8	20 56	15 22			n.a.
S 6	23 43	1 s18	5 9	20 5	3 3	16 58	5 55	10 1	0 25	14 33	0 33	17 47	2 6	20 55	0 2	23 3	0 23	16 24	3 30	21 8	20 56	15 20			n.a.
S 7	23 41	6 17	5 15	19 57	3 16	16 49	6 7	9 45	0 24	14 33	0 33	17 48	2 6	20 55	0 2	23 3	0 23	16 24	3 29	21 8	20 57	15 19			n.a.
M 8	23 37	10 53	5 4	19 51	3 27	16 41	6 19	9 29	0 23	14 32	0 33	17 49	2 6	20 56	0 2	23 4	0 23	16 25	3 29	21 9	20 58	15 17			n.a.
T 9	23 34	14 54	4 38	19 47	3 36	16 34	6 31	9 13	0 22	14 32	0 32	17 50	2 7	20 57	0 2	23 4	0 23	16 25	3 29	21 9	20 58	15 15			n.a.
W10	23 29	18 8	3 57	19 45	3 44	16 27	6 42	8 56	0 21	14 32	0 32	17 51	2 7	20 57	0 2	23 4	0 23	16 26	3 29	21 10	20 59	15 14			n.a.
T 11	23 25	20 26	3 5	19 45	3 48	16 20	6 52	8 40	0 20	14 32	0 32	17 52	2 7	20 58	0 2	23 4	0 23	16 26	3 29	21 10	21 0	15 12			n.a.
F 12	23 20	21 42	2 5	19 47	3 51	16 14	7 1	8 24	0 20	14 32	0 32	17 54	2 7	20 59	0 2	23 5	0 23	16 27	3 29	21 11	21 0	15 11			n.a.
S 13	23 14	21 54	1 1	19 50	3 51	16 9	7 10	8 7	0 19	14 32	0 31	17 55	2 7	20 59	0 2	23 5	0 23	16 27	3 29	21 11	21 1	15 9			n.a.
S 14	23 8	21 4	0 s 6	19 54	3 49	16 5	7 17	7 51	0 18	14 32	0 31	17 56	2 8	21 0	0 2	23 5	0 23	16 27	3 29	21 11	21 2	15 7			n.a.
M15	23 2	19 16	1 12	20 0	3 45	16 1	7 24	7 34	0 17	14 32	0 31	17 57	2 8	21 0	0 2	23 5	0 23	16 28	3 29	21 11	21 2	15 6			n.a.
T 16	22 55	16 39	2 14	20 7	3 40	15 58	7 30	7 18	0 16	14 32	0 31	17 59	2 8	21 1	0 2	23 5	0 23	16 28	3 29	21 11	21 3	15 4			n.a.
W17	22 48	13 23	3 10	20 16	3 33	15 55	7 35	7 1	0 15	14 33	0 31	18 0	2 8	21 1	0 2	23 6	0 23	16 28	3 29	21 10	21 3	15 3			n.a.
T 18	22 40	9 34	3 58	20 25	3 24	15 53	7 39	6 44	0 14	14 33	0 30	18 1	2 8	21 2	0 2	23 6	0 23	16 29	3 29	21 10	21 4	15 1			n.a.
F 19	22 32	5 24	4 36	20 35	3 15	15 52	7 43	6 28	0 13	14 33	0 30	18 3	2 9	21 3	0 2	23 6	0 23	16 29	3 29	21 10	21 5	14 59			n.a.
S 20	22 23	0 58	5 3	20 46	3 4	15 52	7 45	6 11	0 12	14 34	0 30	18 4	2 9	21 3	0 2	23 6	0 23	16 29	3 29	21 10	21 5	14 58			n.a.
S 21	22 14	3n34	5 16	20 57	2 53	15 52	7 47	5 54	0 11	14 34	0 30	18 5	2 9	21 4	0 2	23 7	0 23	16 30	3 29	21 10	21 6	14 56			n.a.
M22	22 5	8 4	5 15	21 9	2 41	15 52	7 47	5 37	0 11	14 35	0 29	18 7	2 9	21 4	0 2	23 7	0 23	16 30	3 29	21 10	21 7	14 54			n.a.
T 23	21 55	12 20	4 59	21 21	2 29	15 54	7 47	5 21	0 10	14 35	0 29	18 8	2 9	21 5	0 2	23 7	0 23	16 30	3 29	21 10	21 7	14 53			n.a.
W24	21 45	16 10	4 26	21 33	2 17	15 56	7 47	5 4	0 9	14 36	0 29	18 10	2 9	21 5	0 2	23 7	0 23	16 31	3 29	21 10	21 8	14 51			n.a.
T 25	21 34	19 14	3 37	21 46	2 4	15 58	7 45	4 47	0 8	14 37	0 29	18 11	2 10	21 6	0 2	23 8	0 23	16 31	3 29	21 10	21 8	14 49			n.a.
F 26	21 23	21 16	2 33	21 58	1 52	16 1	7 43	4 30	0 7	14 38	0 29	18 12	2 10	21 6	0 2	23 8	0 23	16 31	3 29	21 10	21 9	14 48			n.a.
S 27	21 12	21 57	1 18	22 11	1 39	16 5	7 40	4 13	0 6	14 39	0 28	18 14	2 10	21 7	0 2	23 8	0 23	16 32	3 29	21 10	21 10	14 46			n.a.
S 28	21 0	21 6	0n 4	22 23	1 27	16 9	7 36	3 57	0 6	14 40	0 28	18 15	2 10	21 7	0 2	23 8	0 23	16 32	3 29	21 10	21 10	14 44			n.a.
M29	20 48	18 46	1 26	22 34	1 14	16 13	7 32	3 40	0 5	14 41	0 28	18 17	2 10	21 8	0 2	23 8	0 23	16 32	3 29	21 10	21 11	14 43			n.a.
T 30	20 35	15 7	2 43	22 46	1 2	16 18	7 28	3 23	0 4	14 42	0 28	18 18	2 10	21 8	0 2	23 9	0 23	16 33	3 29	21 10	21 12	14 41			n.a.
W31	20 s22	10n33	3n48	22 s57	0n50	16 s23	7n23	3 s 6	0 s 3	14n43	0 s27	18n20	2n11	21 s 9	0 s 2	23n 9	0n23	16 s33	3n29	21n10	21n12	14 s39			n.a.

Julian Day Number = 1282392.5, Delta T = 08h06m54s
Ecliptic obliquity = 23°50'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'58, Lahiri = -20°32'57 Julian Calendar 1 Jan. 1202 BCE == Greg. Calendar 21 Dec. 1203 BCE

The year -1201 astronomical counting style corresponds to year 1202 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1202 BCE
geocentric

FEBRUARY 1202 BCE (-1201) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 58 18	1♒31'36	27♍ 1	4♑30	4°R20	23♓ 6	10♉20	16°R 5	3♐ 4	16°R44	27♏35	26°R39	26♋27	28♒55	n.a.	T 1
F 2	8 2 14	2°31'21	11♎23	5°16	4°D18	23°46	10°23	16♌ 0	3° 7	16♋42	27°36	26♋39	26°24	29° 2	n.a.	F 2
S 3	8 6 11	3°31'04	25°23	6° 7	4♑18	24°26	10°27	15°56	3° 9	16°41	27°37	26°38	26°20	29° 9	n.a.	S 3
S 4	8 10 7	4°30'45	9♏ 1	7° 0	4°21	25° 7	10°30	15°51	3°11	16°39	27°38	26°D38	26°17	29°15	n.a.	S 4
M 5	8 14 4	5°30'24	22°16	7°57	4°26	25°47	10°34	15°47	3°13	16°37	27°39	26°39	26°14	29°22	n.a.	M 5
T 6	8 18 1	6°30'02	5♐12	8°56	4°34	26°27	10°38	15°42	3°15	16°36	27°40	26°39	26°11	29°29	n.a.	T 6
W 7	8 21 57	7°29'38	17°50	9°58	4°43	27° 7	10°42	15°38	3°17	16°34	27°41	26°40	26° 8	29°35	n.a.	W 7
T 8	8 25 54	8°29'12	0♑14	11° 2	4°55	27°47	10°47	15°33	3°19	16°33	27°42	26°41	26° 5	29°42	n.a.	T 8
F 9	8 29 50	9°28'44	12°27	12° 9	5° 9	28°27	10°51	15°28	3°21	16°31	27°43	26°42	26° 1	29°49	n.a.	F 9
S 10	8 33 47	10°28'13	24°30	13°18	5°25	29° 7	10°56	15°24	3°23	16°30	27°44	26°R43	25°58	29°55	n.a.	S 10
S 11	8 37 43	11°27'41	6♒27	14°29	5°43	29°47	11° 1	15°19	3°25	16°28	27°45	26°42	25°55	0♓ 2	n.a.	S 11
M12	8 41 40	12°27'07	18°19	15°43	6° 3	0♈27	11° 6	15°15	3°27	16°27	27°46	26°41	25°52	0° 9	n.a.	M12
T 13	8 45 36	13°26'30	0♓ 8	16°58	6°25	1° 7	11°11	15°10	3°28	16°25	27°47	26°39	25°49	0°15	n.a.	T 13
W14	8 49 33	14°25'51	11°57	18°15	6°48	1°47	11°16	15° 5	3°30	16°24	27°47	26°37	25°45	0°22	n.a.	W14
T 15	8 53 30	15°25'09	23°48	19°34	7°14	2°27	11°22	15° 1	3°32	16°23	27°48	26°34	25°42	0°29	n.a.	T 15
F 16	8 57 26	16°24'25	5♈42	20°54	7°41	3° 7	11°27	14°56	3°33	16°21	27°49	26°31	25°39	0°35	n.a.	F 16
S 17	9 1 23	17°23'39	17°45	22°17	8° 9	3°47	11°33	14°51	3°35	16°20	27°50	26°28	25°36	0°42	n.a.	S 17
S 18	9 5 19	18°22'51	29°58	23°41	8°39	4°27	11°39	14°47	3°37	16°18	27°50	26°26	25°33	0°49	n.a.	S 18
M19	9 9 16	19°22'00	12♉27	25° 6	9°10	5° 6	11°45	14°42	3°38	16°17	27°51	26°25	25°30	0°55	n.a.	M19
T 20	9 13 12	20°21'06	25°14	26°33	9°43	5°46	11°52	14°37	3°39	16°16	27°52	26°D24	25°26	1° 2	n.a.	T 20
W21	9 17 9	21°20'10	8♊23	28° 2	10°17	6°26	11°58	14°33	3°41	16°14	27°52	26°25	25°23	1° 9	n.a.	W21
T 22	9 21 5	22°19'12	21°58	29°32	10°53	7° 6	12° 5	14°28	3°42	16°13	27°53	26°27	25°20	1°15	n.a.	T 22
F 23	9 25 2	23°18'11	6♋ 0	1♒ 4	11°30	7°45	12°11	14°24	3°44	16°12	27°53	26°28	25°17	1°22	n.a.	F 23
S 24	9 28 58	24°17'08	20°28	2°37	12° 7	8°25	12°18	14°19	3°45	16°11	27°54	26°R29	25°14	1°29	n.a.	S 24
S 25	9 32 55	25°16'03	5♌19	4°12	12°47	9° 5	12°25	14°14	3°46	16° 9	27°54	26°29	25°10	1°35	n.a.	S 25
M26	9 36 52	26°14'55	20°27	5°48	13°27	9°44	12°32	14°10	3°47	16° 8	27°55	26°28	25° 7	1°42	n.a.	M26
T 27	9 40 48	27°13'45	5♍43	7°26	14° 8	10°24	12°40	14° 5	3°48	16° 7	27°55	26°25	25° 4	1°49	n.a.	T 27
W28	9 44 45	28♒12'33	20♍56	9♒ 5	14♑50	11♈ 4	12♉47	14♌ 1	3♐49	16♋ 6	27♏55	26♋20	25♋ 1	1♓55	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s 9	5n25	4n36	23s 7	0n39	16s29	7n17	2s49	0s 2	14n44	0s27	18n21	2n11	21s 9	0s 2	23n 9	0n23	16s33	3n29	21n10	21n13	14s38		n.a.
F 2	19 55	0 7	5 7	23 17	0 27	16 35	7 11	2 32	0 2	14 45	0 27	18 23	2 11	21 10	0 2	23 9	0 23	16 33	3 29	21 10	21 13	14 36		n.a.
S 3	19 41	5s 3	5 18	23 25	0 16	16 41	7 5	2 15	0 1	14 47	0 27	18 24	2 11	21 10	0 2	23 9	0 23	16 34	3 29	21 11	21 14	14 34		n.a.
S 4	19 27	9 50	5 10	23 33	0 5	16 48	6 59	1 58	0n 0	14 48	0 27	18 26	2 11	21 11	0 2	23 10	0 23	16 34	3 29	21 11	21 15	14 33		n.a.
M 5	19 12	14 1	4 47	23 41	0s 5	16 54	6 52	1 42	0 1	14 49	0 26	18 27	2 11	21 11	0 2	23 10	0 23	16 34	3 29	21 11	21 15	14 31		n.a.
T 6	18 57	17 27	4 9	23 47	0 15	17 1	6 44	1 25	0 2	14 51	0 26	18 29	2 11	21 11	0 2	23 10	0 23	16 34	3 29	21 10	21 16	14 29		n.a.
W 7	18 42	19 57	3 19	23 52	0 25	17 8	6 37	1 8	0 2	14 52	0 26	18 30	2 11	21 12	0 2	23 10	0 23	16 35	3 29	21 10	21 16	14 27		n.a.
T 8	18 26	21 28	2 22	23 56	0 34	17 15	6 30	0 51	0 3	14 54	0 26	18 32	2 11	21 12	0 2	23 11	0 23	16 35	3 29	21 10	21 17	14 26		n.a.
F 9	18 11	21 57	1 18	23 59	0 43	17 23	6 22	0 34	0 4	14 55	0 26	18 33	2 12	21 13	0 2	23 11	0 23	16 35	3 29	21 10	21 18	14 24		n.a.
S 10	17 54	21 23	0 12	24 1	0 51	17 30	6 14	0 17	0 5	14 57	0 25	18 35	2 12	21 13	0 2	23 11	0 23	16 35	3 29	21 10	21 18	14 22		n.a.
S 11	17 38	19 50	0s54	24 1	1 0	17 37	6 6	0 0	0 5	14 59	0 25	18 36	2 12	21 13	0 2	23 11	0 23	16 35	3 29	21 10	21 19	14 21		n.a.
M12	17 21	17 26	1 57	24 1	1 7	17 45	5 58	0n16	0 6	15 1	0 25	18 38	2 12	21 14	0 2	23 11	0 23	16 36	3 29	21 10	21 19	14 19		n.a.
T 13	17 4	14 19	2 55	23 59	1 15	17 52	5 49	0 33	0 7	15 2	0 25	18 39	2 12	21 14	0 2	23 11	0 23	16 36	3 29	21 10	21 20	14 17		n.a.
W14	16 46	10 39	3 45	23 55	1 22	17 59	5 41	0 50	0 7	15 4	0 24	18 41	2 12	21 14	0 2	23 12	0 23	16 36	3 29	21 11	21 21	14 15		n.a.
T 15	16 29	6 33	4 25	23 51	1 28	18 6	5 33	1 7	0 8	15 6	0 24	18 42	2 12	21 15	0 2	23 12	0 23	16 36	3 29	21 11	21 21	14 14		n.a.
F 16	16 11	2 12	4 55	23 44	1 35	18 13	5 24	1 24	0 9	15 8	0 24	18 44	2 12	21 15	0 2	23 12	0 23	16 36	3 29	21 12	21 22	14 12		n.a.
S 17	15 53	2n17	5 12	23 37	1 40	18 20	5 16	1 40	0 10	15 10	0 24	18 45	2 12	21 15	0 2	23 12	0 23	16 36	3 29	21 13	21 22	14 10		n.a.
S 18	15 34	6 45	5 15	23 27	1 46	18 27	5 7	1 57	0 10	15 12	0 24	18 46	2 12	21 16	0 2	23 12	0 23	16 37	3 29	21 13	21 23	14 8		n.a.
M19	15 16	11 1	5 3	23 17	1 51	18 33	4 59	2 14	0 11	15 14	0 24	18 48	2 12	21 16	0 2	23 13	0 23	16 37	3 29	21 13	21 24	14 7		n.a.
T 20	14 57	14 55	4 36	23 5	1 55	18 39	4 50	2 30	0 12	15 17	0 23	18 49	2 12	21 16	0 2	23 13	0 23	16 37	3 29	21 13	21 24	14 5		n.a.
W21	14 37	18 12	3 55	22 51	1 59	18 45	4 41	2 47	0 12	15 19	0 23	18 51	2 12	21 17	0 2	23 13	0 23	16 37	3 29	21 13	21 25	14 3		n.a.
T 22	14 18	20 37	2 59	22 35	2 3	18 51	4 33	3 4	0 13	15 21	0 23	18 52	2 12	21 17	0 2	23 13	0 23	16 37	3 29	21 13	21 25	14 1		n.a.
F 23	13 58	21 52	1 50	22 18	2 6	18 56	4 24	3 20	0 14	15 23	0 23	18 54	2 12	21 17	0 2	23 13	0 23	16 37	3 29	21 13	21 26	14 0		n.a.
S 24	13 39	21 42	0 33	21 59	2 9	19 1	4 16	3 37	0 14	15 26	0 23	18 55	2 12	21 17	0 2	23 13	0 23	16 37	3 29	21 12	21 27	13 58		n.a.
S 25	13 19	20 2	0n48	21 39	2 11	19 6	4 8	3 53	0 15	15 28	0 22	18 56	2 12	21 18	0 2	23 14	0 23	16 37	3 29	21 12	21 27	13 56		n.a.
M26	12 59	16 56	2 8	21 16	2 13	19 11	3 59	4 10	0 16	15 30	0 22	18 58	2 12	21 18	0 2	23 14	0 23	16 37	3 29	21 13	21 28	13 54		n.a.
T 27	12 38	12 38	3 19	20 52	2 14	19 15	3 51	4 26	0 16	15 33	0 22	18 59	2 13	21 18	0 2	23 14	0 23	16 38	3 29	21 13	21 28	13 53		n.a.
W28	12s18	7n33	4n15	20s27	2s15	19s19	3n43	4n42	0n17	15n35	0s22	19n 0	2n13	21s18	0s 2	23n14	0n23	16s38	3n29	21n14	21n29	13s51		n.a.

Julian Day Number = 1282423.5, Delta T = 08h06m53s
Ecliptic obliquity = 23°50'11, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'53, Lahiri = -20°32'53 Julian Calendar 1 Feb. 1202 BCE == Greg. Calendar 21 Jan. 1202 BCE

The year -1201 astronomical counting style corresponds to year 1202 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1202 BCE
geocentric

MARCH 1202 BCE (-1201) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 48 41	29♒11'19	5♎56	10♒46	15♉34	11♈43	12♉55	13°R57	3♐50	16°R 5	27♏56	26°R16	24♋58	2♓ 2	n.a.	T 1
F 2	9 52 38	0♓10'02	20°36	12°28	16°18	12°23	13° 2	13♌52	3°51	16♋ 4	27°56	26♋11	24°55	2° 9	n.a.	F 2
S 3	9 56 34	1° 8'45	4♏50	14°12	17° 3	13° 2	13°10	13°48	3°52	16° 2	27°56	26° 7	24°51	2°15	n.a.	S 3
S 4	10 0 31	2° 7'25	18°35	15°57	17°49	13°42	13°18	13°44	3°53	16° 1	27°57	26° 5	24°48	2°22	n.a.	S 4
M 5	10 4 27	3° 6'03	1♐53	17°44	18°36	14°21	13°26	13°39	3°54	16° 0	27°57	26°D 4	24°45	2°29	n.a.	M 5
T 6	10 8 24	4° 4'40	14°46	19°32	19°24	15° 1	13°35	13°35	3°55	15°59	27°57	26° 5	24°42	2°35	n.a.	T 6
W 7	10 12 20	5° 3'15	27°18	21°22	20°12	15°40	13°43	13°31	3°55	15°58	27°57	26° 6	24°39	2°42	n.a.	W 7
T 8	10 16 17	6° 1'48	9♑33	23°13	21° 1	16°20	13°51	13°27	3°56	15°57	27°57	26° 8	24°36	2°49	n.a.	T 8
F 9	10 20 14	7° 0'19	21°36	25° 6	21°51	16°59	14° 0	13°23	3°57	15°56	27°57	26°R 9	24°32	2°56	n.a.	F 9
S 10	10 24 10	7°58'49	3♒31	27° 1	22°42	17°38	14° 9	13°19	3°57	15°56	27°57	26° 8	24°29	3° 2	n.a.	S 10
S 11	10 28 7	8°57'16	15°21	28°57	23°33	18°18	14°18	13°15	3°58	15°55	27°57	26° 6	24°26	3° 9	n.a.	S 11
M12	10 32 3	9°55'42	27° 9	0♓55	24°25	18°57	14°27	13°11	3°58	15°54	27°R57	26° 2	24°23	3°16	n.a.	M12
T 13	10 36 0	10°54'06	8♓58	2°54	25°18	19°36	14°36	13° 7	3°58	15°53	27°57	25°56	24°20	3°22	n.a.	T 13
W14	10 39 56	11°52'27	20°49	4°54	26°11	20°16	14°45	13° 3	3°59	15°52	27°57	25°49	24°16	3°29	n.a.	W14
T 15	10 43 53	12°50'47	2♈45	6°56	27° 5	20°55	14°54	12°59	3°59	15°51	27°57	25°40	24°13	3°36	n.a.	T 15
F 16	10 47 49	13°49'05	14°46	8°59	27°59	21°34	15° 4	12°56	3°59	15°51	27°57	25°31	24°10	3°42	n.a.	F 16
S 17	10 51 46	14°47'20	26°55	11° 4	28°54	22°13	15°13	12°52	3°59	15°50	27°57	25°22	24° 7	3°49	n.a.	S 17
S 18	10 55 42	15°45'34	9♉14	13°10	29°49	22°53	15°23	12°48	4° 0	15°49	27°57	25°15	24° 4	3°56	n.a.	S 18
M19	10 59 39	16°43'45	21°46	15°16	0♒45	23°32	15°32	12°45	4° 0	15°49	27°57	25°10	24° 1	4° 2	n.a.	M19
T 20	11 3 36	17°41'54	4♊32	17°24	1°41	24°11	15°42	12°42	4°R 0	15°48	27°56	25° 7	23°57	4° 9	n.a.	T 20
W21	11 7 32	18°40'02	17°37	19°32	2°37	24°50	15°52	12°38	4° 0	15°47	27°56	25°D 6	23°54	4°16	n.a.	W21
T 22	11 11 29	19°38'07	1♋ 4	21°41	3°34	25°29	16° 2	12°35	4° 0	15°47	27°56	25° 7	23°51	4°22	n.a.	T 22
F 23	11 15 25	20°36'10	14°54	23°50	4°32	26° 8	16°12	12°32	4° 0	15°46	27°55	25° 7	23°48	4°29	n.a.	F 23
S 24	11 19 22	21°34'11	29° 9	25°59	5°30	26°47	16°23	12°29	3°59	15°46	27°55	25°R 8	23°45	4°36	n.a.	S 24
S 25	11 23 18	22°32'10	13♌48	28° 8	6°28	27°26	16°33	12°26	3°59	15°45	27°55	25° 6	23°42	4°42	n.a.	S 25
M26	11 27 15	23°30'06	28°47	0♈16	7°27	28° 5	16°43	12°23	3°59	15°45	27°54	25° 3	23°38	4°49	n.a.	M26
T 27	11 31 11	24°28'01	13♍57	2°23	8°26	28°44	16°54	12°20	3°59	15°45	27°54	24°57	23°35	4°56	n.a.	T 27
W28	11 35 8	25°25'54	29°11	4°29	9°25	29°23	17° 5	12°17	3°58	15°44	27°53	24°49	23°32	5° 2	n.a.	W28
T 29	11 39 5	26°23'46	14♎16	6°33	10°25	0♉ 2	17°15	12°14	3°58	15°44	27°53	24°40	23°29	5° 9	n.a.	T 29
F 30	11 43 1	27°21'36	29° 4	8°36	11°25	0°41	17°26	12°12	3°57	15°44	27°52	24°31	23°26	5°16	n.a.	F 30
S 31	11 46 58	28♓19'24	13♏27	10♈37	12♒25	1♉20	17♉37	12♌ 9	3♐57	15♋43	27♏52	24♋23	23♋22	5♓22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s57	2n 5	4n53	19s59	2s15	19s22	3n34	4n59	0n18	15n38	0s22	19n 2	2n13	21s18	0s 2	23n14	0n23	16s38	3n29	21n15	21n30	13s49			n.a.
F 2	11 36	3s23	5 11	19 30	2 15	19 25	3 26	5 15	0 18	15 40	0 21	19 3	2 13	21 19	0 2	23 14	0 23	16 38	3 29	21 16	21 30	13 47			n.a.
S 3	11 15	8 30	5 9	18 59	2 14	19 27	3 18	5 31	0 19	15 43	0 21	19 4	2 13	21 19	0 2	23 14	0 23	16 38	3 29	21 17	21 31	13 45			n.a.
S 4	10 54	13 1	4 49	18 26	2 13	19 29	3 10	5 47	0 19	15 45	0 21	19 5	2 12	21 19	0 2	23 15	0 23	16 38	3 29	21 17	21 31	13 44			n.a.
M 5	10 32	16 45	4 14	17 51	2 11	19 31	3 2	6 3	0 20	15 48	0 21	19 7	2 12	21 19	0 2	23 15	0 23	16 38	3 29	21 17	21 32	13 42			n.a.
T 6	10 11	19 32	3 26	17 14	2 9	19 32	2 54	6 20	0 21	15 51	0 21	19 8	2 12	21 19	0 2	23 15	0 23	16 38	3 29	21 17	21 32	13 40			n.a.
W 7	9 49	21 18	2 31	16 36	2 6	19 33	2 46	6 36	0 21	15 53	0 21	19 9	2 12	21 19	0 2	23 15	0 23	16 38	3 29	21 17	21 33	13 38			n.a.
T 8	9 27	22 0	1 29	15 56	2 3	19 33	2 38	6 52	0 22	15 56	0 20	19 10	2 12	21 20	0 2	23 15	0 23	16 38	3 29	21 16	21 34	13 36			n.a.
F 9	9 5	21 40	0 25	15 14	1 59	19 33	2 31	7 7	0 22	15 59	0 20	19 12	2 12	21 20	0 3	23 15	0 23	16 38	3 29	21 16	21 34	13 35			n.a.
S 10	8 43	20 20	0s40	14 30	1 54	19 32	2 23	7 23	0 23	16 2	0 20	19 13	2 12	21 20	0 3	23 15	0 23	16 38	3 29	21 16	21 35	13 33			n.a.
S 11	8 21	18 8	1 42	13 44	1 49	19 31	2 16	7 39	0 24	16 5	0 20	19 14	2 12	21 20	0 3	23 15	0 23	16 38	3 29	21 17	21 35	13 31			n.a.
M12	7 58	15 10	2 40	12 57	1 44	19 29	2 8	7 55	0 24	16 7	0 20	19 15	2 12	21 20	0 3	23 15	0 23	16 38	3 29	21 17	21 36	13 29			n.a.
T 13	7 36	11 35	3 31	12 8	1 38	19 27	2 1	8 11	0 25	16 10	0 20	19 16	2 12	21 20	0 3	23 16	0 23	16 38	3 29	21 19	21 36	13 27			n.a.
W14	7 13	7 33	4 12	11 17	1 31	19 24	1 54	8 26	0 25	16 13	0 19	19 17	2 12	21 20	0 3	23 16	0 23	16 38	3 29	21 20	21 37	13 25			n.a.
T 15	6 51	3 13	4 43	10 24	1 24	19 21	1 47	8 42	0 26	16 16	0 19	19 18	2 12	21 20	0 3	23 16	0 23	16 38	3 29	21 22	21 38	13 23			n.a.
F 16	6 28	1n17	5 2	9 30	1 16	19 17	1 40	8 57	0 27	16 19	0 19	19 19	2 12	21 20	0 3	23 16	0 23	16 38	3 29	21 23	21 38	13 22			n.a.
S 17	6 5	5 47	5 7	8 35	1 8	19 13	1 33	9 13	0 27	16 22	0 19	19 20	2 12	21 20	0 3	23 16	0 23	16 38	3 29	21 25	21 39	13 20			n.a.
S 18	5 42	10 6	4 58	7 38	1 0	19 8	1 26	9 28	0 28	16 25	0 19	19 21	2 12	21 20	0 3	23 16	0 23	16 38	3 29	21 26	21 39	13 18			n.a.
M19	5 19	14 5	4 35	6 40	0 51	19 2	1 19	9 43	0 28	16 28	0 19	19 22	2 12	21 20	0 3	23 16	0 23	16 38	3 29	21 27	21 40	13 16			n.a.
T 20	4 56	17 30	3 58	5 41	0 41	18 56	1 12	9 58	0 29	16 31	0 18	19 23	2 12	21 20	0 3	23 16	0 23	16 38	3 29	21 28	21 40	13 14			n.a.
W21	4 33	20 8	3 7	4 41	0 31	18 50	1 6	10 14	0 29	16 34	0 18	19 24	2 12	21 20	0 3	23 16	0 23	16 38	3 29	21 28	21 41	13 12			n.a.
T 22	4 10	21 44	2 6	3 40	0 21	18 43	0 59	10 29	0 30	16 37	0 18	19 25	2 12	21 20	0 3	23 16	0 23	16 38	3 29	21 28	21 42	13 10			n.a.
F 23	3 47	22 5	0 55	2 39	0 11	18 35	0 53	10 44	0 30	16 41	0 18	19 26	2 12	21 20	0 3	23 16	0 23	16 37	3 29	21 28	21 42	13 9			n.a.
S 24	3 24	21 1	0n22	1 37	0 0	18 27	0 47	10 58	0 31	16 44	0 18	19 26	2 11	21 20	0 3	23 16	0 23	16 37	3 29	21 28	21 43	13 7			n.a.
S 25	3 1	18 32	1 38	0 36	0n11	18 19	0 41	11 13	0 31	16 47	0 18	19 27	2 11	21 20	0 3	23 16	0 23	16 37	3 30	21 28	21 43	13 5			n.a.
M26	2 37	14 44	2 50	0n26	0 22	18 9	0 35	11 28	0 32	16 50	0 17	19 28	2 11	21 20	0 3	23 17	0 23	16 37	3 30	21 29	21 44	13 3			n.a.
T 27	2 14	9 57	3 50	1 27	0 32	18 0	0 29	11 43	0 32	16 53	0 17	19 29	2 11	21 20	0 3	23 17	0 23	16 37	3 29	21 30	21 44	13 1			n.a.
W28	1 51	4 31	4 35	2 28	0 43	17 49	0 23	11 57	0 33	16 56	0 17	19 29	2 11	21 20	0 3	23 17	0 23	16 37	3 29	21 31	21 45	12 59			n.a.
T 29	1 27	1s 8	4 59	3 28	0 54	17 39	0 17	12 12	0 33	17 0	0 17	19 30	2 11	21 20	0 3	23 17	0 23	16 37	3 29	21 33	21 45	12 57			n.a.
F 30	1 4	6 36	5 3	4 27	1 4	17 27	0 12	12 26	0 34	17 3	0 17	19 31	2 11	21 20	0 3	23 17	0 23	16 37	3 29	21 34	21 46	12 55			n.a.
S 31	0s41	11s34	4n48	5n24	1n14	17s15	0n 6	12n40	0n34	17n 6	0s17	19n31	2n11	21s20	0s 3	23n17	0n23	16s37	3n29	21n36	21n47	12s53			n.a.

Julian Day Number = 1282451.5, Delta T = 08h06m51s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'50, Lahiri = -20°32'49 Julian Calendar 1 March 1202 BCE == Greg. Calendar 18 Feb. 1202 BCE

The year -1201 astronomical counting style corresponds to year 1202 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1202 BCE
geocentric

APRIL 1202 BCE (-1201) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 50 54	29♓17'11	27♏20	12♈36	13♒26	1♉59	17♉48	12°R 7	3°R56	15°R43	27°R51	24°R16	23♋19	5♓29	n.a.	S 1
M 2	11 54 51	0♈14'57	10♐44	14°32	14°27	2°38	17°59	12♌ 5	3♐56	15♋43	27♏51	24♋13	23°16	5°36	n.a.	M 2
T 3	11 58 47	1°12'42	23°41	16°25	15°29	3°17	18°10	12° 2	3°55	15°43	27°50	24°11	23°13	5°42	n.a.	T 3
W 4	12 2 44	2°10'25	6♑13	18°16	16°30	3°56	18°21	12° 0	3°54	15°43	27°49	24°D11	23°10	5°49	n.a.	W 4
T 5	12 6 40	3° 8'07	18°27	20° 3	17°32	4°35	18°32	11°58	3°54	15°43	27°49	24°R11	23° 7	5°56	n.a.	T 5
F 6	12 10 37	4° 5'48	0♒28	21°48	18°34	5°13	18°44	11°56	3°53	15°42	27°48	24°11	23° 3	6° 3	n.a.	F 6
S 7	12 14 33	5° 3'28	12°20	23°29	19°37	5°52	18°55	11°54	3°52	15°42	27°47	24°10	23° 0	6° 9	n.a.	S 7
S 8	12 18 30	6° 1'06	24° 8	25° 8	20°39	6°31	19° 6	11°52	3°51	15°D42	27°46	24° 6	22°57	6°16	n.a.	S 8
M 9	12 22 27	6°58'43	5♓55	26°42	21°42	7°10	19°18	11°51	3°50	15°42	27°45	23°59	22°54	6°23	n.a.	M 9
T 10	12 26 23	7°56'19	17°46	28°14	22°45	7°49	19°30	11°49	3°49	15°42	27°45	23°50	22°51	6°29	n.a.	T 10
W11	12 30 20	8°53'53	29°43	29°42	23°49	8°27	19°41	11°47	3°48	15°43	27°44	23°39	22°47	6°36	n.a.	W11
T 12	12 34 16	9°51'26	11♈47	1♉ 6	24°52	9° 6	19°53	11°46	3°47	15°43	27°43	23°26	22°44	6°43	n.a.	T 12
F 13	12 38 13	10°48'58	23°59	2°27	25°56	9°45	20° 5	11°45	3°46	15°43	27°42	23°13	22°41	6°49	n.a.	F 13
S 14	12 42 9	11°46'29	6♉20	3°44	27° 0	10°23	20°17	11°43	3°45	15°43	27°41	23° 0	22°38	6°56	n.a.	S 14
S 15	12 46 6	12°43'58	18°51	4°58	28° 4	11° 2	20°29	11°42	3°44	15°43	27°40	22°50	22°35	7° 3	n.a.	S 15
M16	12 50 2	13°41'26	1♊34	6° 8	29° 9	11°41	20°41	11°41	3°43	15°43	27°39	22°41	22°32	7° 9	n.a.	M16
T 17	12 53 59	14°38'52	14°28	7°14	0♓13	12°19	20°53	11°40	3°41	15°44	27°38	22°36	22°28	7°16	n.a.	T 17
W18	12 57 56	15°36'17	27°37	8°17	1°18	12°58	21° 5	11°40	3°40	15°44	27°37	22°33	22°25	7°23	n.a.	W18
T 19	13 1 52	16°33'41	11♋ 3	9°15	2°23	13°37	21°17	11°39	3°39	15°44	27°36	22°33	22°22	7°29	n.a.	T 19
F 20	13 5 49	17°31'04	24°47	10°10	3°28	14°15	21°29	11°38	3°37	15°45	27°35	22°33	22°19	7°36	n.a.	F 20
S 21	13 9 45	18°28'25	8♌50	11° 0	4°34	14°54	21°42	11°38	3°36	15°45	27°34	22°32	22°16	7°43	n.a.	S 21
S 22	13 13 42	19°25'44	23°13	11°47	5°39	15°32	21°54	11°37	3°34	15°46	27°33	22°30	22°13	7°49	n.a.	S 22
M23	13 17 38	20°23'02	7♍54	12°29	6°45	16°11	22° 6	11°37	3°33	15°46	27°32	22°25	22° 9	7°56	n.a.	M23
T 24	13 21 35	21°20'19	22°47	13° 7	7°50	16°49	22°19	11°37	3°31	15°47	27°31	22°18	22° 6	8° 3	n.a.	T 24
W25	13 25 31	22°17'35	7♎45	13°41	8°56	17°28	22°31	11°36	3°30	15°47	27°30	22° 9	22° 3	8°10	n.a.	W25
T 26	13 29 28	23°14'50	22°38	14°10	10° 2	18° 6	22°44	11°D36	3°28	15°48	27°28	21°58	22° 0	8°16	n.a.	T 26
F 27	13 33 25	24°12'04	7♏19	14°35	11° 9	18°45	22°56	11°37	3°26	15°48	27°27	21°47	21°57	8°23	n.a.	F 27
S 28	13 37 21	25° 9'18	21°39	14°55	12°15	19°23	23° 9	11°37	3°25	15°49	27°26	21°37	21°53	8°30	n.a.	S 28
S 29	13 41 18	26° 6'30	5♐33	15°11	13°22	20° 2	23°22	11°37	3°23	15°50	27°25	21°29	21°50	8°36	n.a.	S 29
M30	13 45 14	27♈ 3'42	18♐59	15♉22	14♓28	20♉40	23♉34	11♌37	3♐21	15♋50	27♏24	21♋23	21♋47	8♓43	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s17	15s45	4n15	6n20	1n24	17s 3	0n 1	12n54	0n35	17n 9	0s17	19n32	2n11	21s20	0s 3	23n17	0n23	16s37	3n29	21n37	21n47	12s52		n.a.
M 2	0n 6	18 58	3 30	7 15	1 33	16 50	0s 4	13 8	0 35	17 13	0 16	19 32	2 10	21 20	0 3	23 17	0 23	16 36	3 29	21 38	21 48	12 50		n.a.
T 3	0 29	21 6	2 35	8 7	1 42	16 37	0 10	13 22	0 36	17 16	0 16	19 33	2 10	21 20	0 3	23 17	0 23	16 36	3 29	21 38	21 48	12 48		n.a.
W 4	0 53	22 7	1 34	8 58	1 50	16 23	0 15	13 36	0 36	17 19	0 16	19 33	2 10	21 20	0 3	23 17	0 23	16 36	3 29	21 38	21 49	12 46		n.a.
T 5	1 16	22 2	0 31	9 47	1 58	16 9	0 20	13 50	0 37	17 22	0 16	19 34	2 10	21 19	0 3	23 17	0 23	16 36	3 29	21 38	21 49	12 44		n.a.
F 6	1 39	20 56	0s33	10 33	2 5	15 54	0 24	14 4	0 37	17 26	0 16	19 34	2 10	21 19	0 3	23 17	0 23	16 36	3 29	21 38	21 50	12 42		n.a.
S 7	2 2	18 54	1 35	11 18	2 11	15 38	0 29	14 17	0 38	17 29	0 16	19 35	2 10	21 19	0 3	23 17	0 23	16 36	3 29	21 38	21 50	12 40		n.a.
S 8	2 26	16 5	2 32	12 0	2 17	15 23	0 34	14 31	0 38	17 32	0 16	19 35	2 10	21 19	0 3	23 17	0 23	16 35	3 29	21 39	21 51	12 38		n.a.
M 9	2 49	12 37	3 22	12 40	2 22	15 6	0 38	14 44	0 39	17 36	0 15	19 36	2 10	21 19	0 3	23 17	0 23	16 35	3 29	21 40	21 51	12 36		n.a.
T 10	3 12	8 38	4 4	13 17	2 26	14 50	0 43	14 58	0 39	17 39	0 15	19 36	2 9	21 19	0 3	23 17	0 23	16 35	3 29	21 42	21 52	12 34		n.a.
W11	3 35	4 19	4 35	13 52	2 29	14 32	0 47	15 11	0 40	17 42	0 15	19 36	2 9	21 19	0 3	23 17	0 23	16 35	3 29	21 44	21 52	12 32		n.a.
T 12	3 58	0n13	4 55	14 25	2 32	14 15	0 51	15 24	0 40	17 46	0 15	19 36	2 9	21 18	0 3	23 17	0 23	16 35	3 29	21 46	21 53	12 30		n.a.
F 13	4 21	4 48	5 1	14 55	2 34	13 57	0 55	15 37	0 41	17 49	0 15	19 37	2 9	21 18	0 3	23 17	0 23	16 35	3 29	21 48	21 54	12 28		n.a.
S 14	4 44	9 15	4 53	15 23	2 34	13 38	0 59	15 50	0 41	17 52	0 15	19 37	2 9	21 18	0 3	23 17	0 23	16 34	3 29	21 50	21 54	12 26		n.a.
S 15	5 7	13 23	4 31	15 49	2 35	13 19	1 3	16 2	0 41	17 56	0 15	19 37	2 9	21 18	0 3	23 17	0 23	16 34	3 29	21 52	21 55	12 25		n.a.
M16	5 29	16 59	3 55	16 12	2 34	13 0	1 6	16 15	0 42	17 59	0 14	19 37	2 9	21 17	0 3	23 17	0 23	16 34	3 29	21 53	21 55	12 23		n.a.
T 17	5 52	19 49	3 7	16 33	2 32	12 40	1 10	16 28	0 42	18 2	0 14	19 37	2 9	21 17	0 3	23 17	0 23	16 34	3 29	21 54	21 56	12 21		n.a.
W18	6 14	21 41	2 8	16 51	2 30	12 20	1 13	16 40	0 43	18 6	0 14	19 38	2 8	21 17	0 3	23 17	0 23	16 34	3 29	21 55	21 56	12 19		n.a.
T 19	6 37	22 22	1 0	17 7	2 26	11 59	1 17	16 52	0 43	18 9	0 14	19 38	2 8	21 17	0 3	23 17	0 23	16 33	3 29	21 55	21 57	12 17		n.a.
F 20	6 59	21 43	0n12	17 21	2 22	11 38	1 20	17 4	0 44	18 13	0 14	19 38	2 8	21 16	0 3	23 17	0 23	16 33	3 29	21 55	21 57	12 15		n.a.
S 21	7 21	19 43	1 25	17 32	2 17	11 17	1 23	17 16	0 44	18 16	0 14	19 38	2 8	21 16	0 3	23 17	0 23	16 33	3 29	21 55	21 58	12 13		n.a.
S 22	7 44	16 26	2 35	17 42	2 11	10 55	1 26	17 28	0 44	18 19	0 14	19 38	2 8	21 16	0 3	23 16	0 23	16 33	3 29	21 55	21 58	12 11		n.a.
M23	8 6	12 4	3 35	17 48	2 4	10 33	1 29	17 40	0 45	18 23	0 14	19 38	2 8	21 16	0 3	23 16	0 23	16 33	3 29	21 56	21 59	12 9		n.a.
T 24	8 27	6 55	4 22	17 53	1 56	10 11	1 32	17 52	0 45	18 26	0 13	19 37	2 7	21 15	0 3	23 16	0 23	16 32	3 29	21 57	21 59	12 7		n.a.
W25	8 49	1 20	4 51	17 55	1 47	9 48	1 34	18 3	0 46	18 29	0 13	19 37	2 7	21 15	0 3	23 16	0 23	16 32	3 29	21 59	22 0	12 5		n.a.
T 26	9 11	4s18	5 0	17 54	1 38	9 25	1 37	18 14	0 46	18 33	0 13	19 37	2 7	21 15	0 3	23 16	0 23	16 32	3 29	22 1	22 0	12 3		n.a.
F 27	9 32	9 37	4 50	17 52	1 27	9 2	1 39	18 26	0 46	18 36	0 13	19 37	2 7	21 14	0 3	23 16	0 23	16 32	3 29	22 3	22 1	12 1		n.a.
S 28	9 53	14 17	4 21	17 47	1 16	8 38	1 42	18 37	0 47	18 40	0 13	19 37	2 7	21 14	0 3	23 16	0 23	16 31	3 29	22 4	22 1	11 59		n.a.
S 29	10 15	18 2	3 37	17 40	1 4	8 14	1 44	18 48	0 47	18 43	0 13	19 37	2 7	21 14	0 3	23 16	0 23	16 31	3 29	22 5	22 2	11 57		n.a.
M30	10n36	20s41	2n42	17n31	0n51	7s50	1s46	18n59	0n47	18n46	0s13	19n36	2n 7	21s13	0s 3	23n16	0n23	16s31	3n29	22n 6	22n 2	11s55		n.a.

Julian Day Number = 1282482.5, Delta T = 08h06m49s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'45, Lahiri = -20°32'45 Julian Calendar 1 Apr. 1202 BCE == Greg. Calendar 21 March 1202 BCE

The year -1201 astronomical counting style corresponds to year 1202 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1202 BCE
geocentric

MAY 1202 BCE (-1201) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 49 11	28♈ 0'54	1♋59	15♉28	15♓35	21♉19	23♉47	11♌38	3°R19	15♋51	27°R22	21°R20	21♋44	8♓50	n.a.	T 1
W 2	13 53 7	28°58'05	14°34	15°R30	16°42	21°57	24° 0	11°38	3♐17	15°52	27♏21	21♋19	21°41	8°56	n.a.	W 2
T 3	13 57 4	29°55'16	26°50	15°28	17°49	22°35	24°13	11°39	3°16	15°53	27°20	21°19	21°38	9° 3	n.a.	T 3
F 4	14 1 0	0♉52'26	8♒52	15°21	18°56	23°14	24°26	11°40	3°14	15°53	27°18	21°19	21°34	9°10	n.a.	F 4
S 5	14 4 57	1°49'36	20°45	15°10	20° 3	23°52	24°38	11°41	3°12	15°54	27°17	21°18	21°31	9°16	n.a.	S 5
S 6	14 8 54	2°46'46	2♓34	14°55	21°11	24°30	24°51	11°42	3°10	15°55	27°16	21°14	21°28	9°23	n.a.	S 6
M 7	14 12 50	3°43'55	14°24	14°36	22°19	25° 9	25° 4	11°43	3° 8	15°56	27°14	21° 9	21°25	9°30	n.a.	M 7
T 8	14 16 47	4°41'04	26°19	14°13	23°26	25°47	25°17	11°44	3° 6	15°57	27°13	21° 0	21°22	9°36	n.a.	T 8
W 9	14 20 43	5°38'12	8♈22	13°47	24°34	26°26	25°30	11°45	3° 4	15°58	27°12	20°50	21°18	9°43	n.a.	W 9
T 10	14 24 40	6°35'20	20°35	13°19	25°42	27° 4	25°43	11°46	3° 2	15°59	27°10	20°37	21°15	9°50	n.a.	T 10
F 11	14 28 36	7°32'28	3♉ 0	12°48	26°50	27°42	25°57	11°48	3° 0	16° 0	27° 9	20°25	21°12	9°57	n.a.	F 11
S 12	14 32 33	8°29'36	15°37	12°16	27°58	28°21	26°10	11°49	2°58	16° 1	27° 8	20°13	21° 9	10° 3	n.a.	S 12
S 13	14 36 30	9°26'43	28°26	11°42	29° 6	28°59	26°23	11°51	2°55	16° 2	27° 6	20° 3	21° 6	10°10	n.a.	S 13
M14	14 40 26	10°23'50	11♊26	11° 8	0♈14	29°37	26°36	11°53	2°53	16° 3	27° 5	19°55	21° 3	10°17	n.a.	M14
T 15	14 44 23	11°20'56	24°37	10°33	1°23	0♊15	26°49	11°55	2°51	16° 4	27° 3	19°50	20°59	10°23	n.a.	T 15
W16	14 48 19	12°18'02	8♋ 1	9°59	2°31	0°54	27° 2	11°57	2°49	16° 6	27° 2	19°48	20°56	10°30	n.a.	W16
T 17	14 52 16	13°15'08	21°35	9°26	3°40	1°32	27°16	11°59	2°47	16° 7	27° 0	19°D47	20°53	10°37	n.a.	T 17
F 18	14 56 12	14°12'13	5♌23	8°55	4°49	2°10	27°29	12° 1	2°44	16° 8	26°59	19°48	20°50	10°43	n.a.	F 18
S 19	15 0 9	15° 9'17	19°23	8°26	5°57	2°49	27°42	12° 3	2°42	16° 9	26°57	19°R48	20°47	10°50	n.a.	S 19
S 20	15 4 5	16° 6'21	3♍35	7°59	7° 6	3°27	27°56	12° 5	2°40	16°11	26°56	19°47	20°44	10°57	n.a.	S 20
M21	15 8 2	17° 3'25	17°58	7°36	8°15	4° 5	28° 9	12° 8	2°38	16°12	26°55	19°43	20°40	11° 3	n.a.	M21
T 22	15 11 59	18° 0'28	2♎29	7°16	9°24	4°43	28°22	12°10	2°35	16°13	26°53	19°38	20°37	11°10	n.a.	T 22
W23	15 15 55	18°57'31	17° 3	7° 0	10°33	5°21	28°35	12°13	2°33	16°15	26°52	19°30	20°34	11°17	n.a.	W23
T 24	15 19 52	19°54'34	1♏33	6°49	11°43	6° 0	28°49	12°15	2°31	16°16	26°50	19°21	20°31	11°24	n.a.	T 24
F 25	15 23 48	20°51'37	15°53	6°42	12°52	6°38	29° 2	12°18	2°28	16°17	26°49	19°12	20°28	11°30	n.a.	F 25
S 26	15 27 45	21°48'40	29°57	6°D39	14° 1	7°16	29°16	12°21	2°26	16°19	26°47	19° 4	20°24	11°37	n.a.	S 26
S 27	15 31 41	22°45'43	13♐41	6°42	15°11	7°54	29°29	12°24	2°24	16°20	26°46	18°57	20°21	11°44	n.a.	S 27
M28	15 35 38	23°42'47	27° 1	6°49	16°20	8°32	29°42	12°27	2°21	16°22	26°44	18°53	20°18	11°50	n.a.	M28
T 29	15 39 35	24°39'51	9♑57	7° 1	17°30	9°11	29°56	12°30	2°19	16°23	26°43	18°51	20°15	11°57	n.a.	T 29
W30	15 43 31	25°36'55	22°33	7°19	18°40	9°49	0♊ 9	12°33	2°16	16°25	26°41	18°D51	20°12	12° 4	n.a.	W30
T 31	15 47 28	26♉34'00	4♒50	7♉41	19♈49	10♊27	0♊23	12♌37	2♐14	16♋26	26♏39	18♋51	20♋ 9	12♓10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10n57	22s 9	1n41	17n20	0n37	7s26	1s48	19n 9	0n48	18n50	0s13	19n36	2n 6	21s13	0s 3	23n16	0n23	16s31	3n29	22n 7	22n 3	11s53			n.a.
W 2	11 17	22 26	0 36	17 7	0 23	7 1	1 50	19 20	0 48	18 53	0 12	19 36	2 6	21 13	0 3	23 16	0 23	16 30	3 29	22 7	22 3	11 51			n.a.
T 3	11 38	21 37	0s29	16 52	0 8	6 36	1 52	19 30	0 49	18 56	0 12	19 35	2 6	21 12	0 3	23 16	0 23	16 30	3 29	22 7	22 4	11 49			n.a.
F 4	11 58	19 49	1 32	16 35	0s 8	6 11	1 53	19 41	0 49	19 0	0 12	19 35	2 6	21 12	0 3	23 16	0 23	16 30	3 29	22 7	22 5	11 47			n.a.
S 5	12 18	17 10	2 29	16 16	0 24	5 45	1 55	19 51	0 49	19 3	0 12	19 35	2 6	21 12	0 3	23 15	0 23	16 30	3 29	22 7	22 5	11 45			n.a.
S 6	12 38	13 50	3 20	15 56	0 41	5 20	1 56	20 1	0 50	19 6	0 12	19 34	2 6	21 11	0 3	23 15	0 23	16 30	3 28	22 8	22 6	11 43			n.a.
M 7	12 58	9 57	4 2	15 34	0 57	4 54	1 58	20 11	0 50	19 9	0 12	19 34	2 5	21 11	0 3	23 15	0 23	16 29	3 28	22 9	22 6	11 41			n.a.
T 8	13 18	5 40	4 34	15 12	1 14	4 28	1 59	20 20	0 50	19 13	0 12	19 33	2 5	21 11	0 3	23 15	0 23	16 29	3 28	22 10	22 7	11 39			n.a.
W 9	13 37	1 7	4 54	14 48	1 31	4 2	2 0	20 30	0 51	19 16	0 12	19 33	2 5	21 10	0 3	23 15	0 23	16 29	3 28	22 12	22 7	11 37			n.a.
T 10	13 56	3n32	5 1	14 24	1 47	3 35	2 1	20 39	0 51	19 19	0 12	19 32	2 5	21 10	0 3	23 15	0 23	16 28	3 28	22 13	22 8	11 34			n.a.
F 11	14 15	8 7	4 54	13 59	2 4	3 9	2 2	20 49	0 51	19 23	0 11	19 32	2 5	21 9	0 3	23 15	0 23	16 28	3 28	22 15	22 8	11 32			n.a.
S 12	14 34	12 27	4 33	13 34	2 19	2 42	2 3	20 58	0 52	19 26	0 11	19 31	2 5	21 9	0 3	23 15	0 23	16 28	3 28	22 17	22 9	11 30			n.a.
S 13	14 53	16 17	3 57	13 9	2 35	2 15	2 4	21 7	0 52	19 29	0 11	19 31	2 4	21 9	0 3	23 14	0 23	16 28	3 28	22 19	22 9	11 28			n.a.
M14	15 11	19 25	3 9	12 45	2 49	1 48	2 4	21 15	0 52	19 32	0 11	19 30	2 4	21 8	0 3	23 14	0 23	16 27	3 28	22 20	22 10	11 26			n.a.
T 15	15 29	21 34	2 10	12 21	3 2	1 21	2 5	21 24	0 53	19 36	0 11	19 29	2 4	21 8	0 3	23 14	0 23	16 27	3 28	22 21	22 10	11 24			n.a.
W16	15 47	22 33	1 2	11 58	3 15	0 53	2 5	21 33	0 53	19 39	0 11	19 28	2 4	21 7	0 3	23 14	0 23	16 27	3 28	22 21	22 11	11 22			n.a.
T 17	16 5	22 14	0n10	11 37	3 26	0 26	2 6	21 41	0 53	19 42	0 11	19 28	2 4	21 7	0 3	23 14	0 23	16 27	3 28	22 21	22 11	11 20			n.a.
F 18	16 22	20 34	1 22	11 18	3 36	0n 1	2 6	21 49	0 54	19 45	0 11	19 27	2 4	21 6	0 3	23 14	0 23	16 26	3 28	22 21	22 12	11 18			n.a.
S 19	16 39	17 38	2 31	11 0	3 45	0 29	2 6	21 57	0 54	19 48	0 10	19 26	2 4	21 6	0 3	23 14	0 23	16 26	3 28	22 21	22 12	11 16			n.a.
S 20	16 56	13 38	3 31	10 44	3 53	0 56	2 6	22 5	0 54	19 51	0 10	19 25	2 3	21 6	0 3	23 13	0 23	16 26	3 28	22 21	22 13	11 14			n.a.
M21	17 12	8 48	4 19	10 31	3 59	1 24	2 6	22 13	0 55	19 55	0 10	19 25	2 3	21 5	0 3	23 13	0 23	16 26	3 27	22 22	22 13	11 12			n.a.
T 22	17 29	3 26	4 51	10 20	4 4	1 52	2 6	22 20	0 55	19 58	0 10	19 24	2 3	21 5	0 3	23 13	0 23	16 25	3 27	22 22	22 13	11 10			n.a.
W23	17 45	2s 8	5 4	10 12	4 7	2 20	2 6	22 27	0 55	20 1	0 10	19 23	2 3	21 4	0 3	23 13	0 23	16 25	3 27	22 24	22 14	11 8			n.a.
T 24	18 1	7 34	4 57	10 6	4 9	2 47	2 5	22 35	0 56	20 4	0 10	19 22	2 3	21 4	0 3	23 13	0 23	16 25	3 27	22 25	22 14	11 6			n.a.
F 25	18 16	12 32	4 32	10 3	4 10	3 15	2 5	22 42	0 56	20 7	0 10	19 21	2 3	21 3	0 3	23 13	0 23	16 25	3 27	22 26	22 15	11 3			n.a.
S 26	18 31	16 43	3 51	10 3	4 9	3 43	2 4	22 49	0 56	20 10	0 10	19 20	2 2	21 3	0 3	23 12	0 23	16 24	3 27	22 27	22 15	11 1			n.a.
S 27	18 46	19 54	2 57	10 5	4 7	4 11	2 4	22 55	0 57	20 13	0 10	19 19	2 2	21 2	0 3	23 12	0 23	16 24	3 27	22 28	22 16	10 59			n.a.
M28	19 1	21 54	1 54	10 10	4 4	4 38	2 3	23 2	0 57	20 16	0 9	19 18	2 2	21 2	0 3	23 12	0 23	16 24	3 27	22 29	22 16	10 57			n.a.
T 29	19 15	22 40	0 48	10 18	4 0	5 6	2 2	23 8	0 57	20 19	0 9	19 17	2 2	21 1	0 3	23 12	0 23	16 24	3 27	22 29	22 17	10 55			n.a.
W30	19 29	22 15	0s20	10 29	3 55	5 34	2 2	23 14	0 57	20 22	0 9	19 16	2 2	21 1	0 3	23 12	0 23	16 23	3 27	22 29	22 17	10 53			n.a.
T 31	19n43	20s45	1s25	10n42	3s49	6n 1	2s 1	23n20	0n58	20n25	0s 9	19n15	2n 2	21s 1	0s 3	23n12	0n23	16s23	3n27	22n29	22n18	10s51			n.a.

Julian Day Number = 1282512.5, Delta T = 08h06m48s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'41, Lahiri = -20°32'41 Julian Calendar 1 May 1202 BCE == Greg. Calendar 20 Apr. 1202 BCE

The year -1201 astronomical counting style corresponds to year 1202 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1202 BCE
geocentric

JUNE 1202 BCE (-1201) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 51 24	27♉31'05	16♒54	8♉ 9	20♈59	11♊ 5	0♊36	12♌40	2°R12	16♋28	26°R38	18♋53	20♋ 5	12♓17	n.a.	F 1
S 2	15 55 21	28°28'11	28°48	8°42	22° 9	11°43	0°50	12°44	2♐ 9	16°29	26♏36	18°R53	20° 2	12°24	n.a.	S 2
S 3	15 59 17	29°25'17	10♓40	9°20	23°19	12°21	1° 3	12°47	2° 7	16°31	26°35	18°52	19°59	12°30	n.a.	S 3
M 4	16 3 14	0♊22'24	22°32	10° 3	24°29	13° 0	1°16	12°51	2° 4	16°33	26°33	18°50	19°56	12°37	n.a.	M 4
T 5	16 7 10	1°19'32	4♈30	10°51	25°40	13°38	1°30	12°54	2° 2	16°34	26°32	18°45	19°53	12°44	n.a.	T 5
W 6	16 11 7	2°16'40	16°39	11°43	26°50	14°16	1°43	12°58	1°59	16°36	26°30	18°39	19°50	12°51	n.a.	W 6
T 7	16 15 4	3°13'50	29° 0	12°41	28° 0	14°54	1°57	13° 2	1°57	16°38	26°29	18°32	19°46	12°57	n.a.	T 7
F 8	16 19 0	4°10'59	11♉36	13°44	29°11	15°32	2°10	13° 6	1°55	16°40	26°27	18°24	19°43	13° 4	n.a.	F 8
S 9	16 22 57	5° 8'10	24°28	14°51	0♉21	16°10	2°24	13°10	1°52	16°41	26°26	18°17	19°40	13°11	n.a.	S 9
S 10	16 26 53	6° 5'21	7♊35	16° 3	1°32	16°49	2°37	13°14	1°50	16°43	26°24	18°10	19°37	13°17	n.a.	S 10
M11	16 30 50	7° 2'33	20°57	17°19	2°42	17°27	2°50	13°18	1°47	16°45	26°23	18° 6	19°34	13°24	n.a.	M11
T 12	16 34 46	7°59'46	4♋32	18°40	3°53	18° 5	3° 4	13°23	1°45	16°47	26°22	18° 3	19°30	13°31	n.a.	T 12
W13	16 38 43	8°56'59	18°18	20° 5	5° 4	18°43	3°17	13°27	1°43	16°48	26°20	18°D 2	19°27	13°37	n.a.	W13
T 14	16 42 39	9°54'12	2♌12	21°35	6°15	19°21	3°31	13°31	1°40	16°50	26°19	18° 3	19°24	13°44	n.a.	T 14
F 15	16 46 36	10°51'26	16°14	23° 8	7°25	19°59	3°44	13°36	1°38	16°52	26°17	18° 4	19°21	13°51	n.a.	F 15
S 16	16 50 33	11°48'41	0♍21	24°46	8°36	20°38	3°57	13°41	1°35	16°54	26°16	18° 5	19°18	13°58	n.a.	S 16
S 17	16 54 29	12°45'56	14°32	26°27	9°47	21°16	4°11	13°45	1°33	16°56	26°14	18°R 6	19°15	14° 4	n.a.	S 17
M18	16 58 26	13°43'12	28°46	28°12	10°58	21°54	4°24	13°50	1°31	16°58	26°13	18° 5	19°11	14°11	n.a.	M18
T 19	17 2 22	14°40'28	12♎59	0♊ 1	12°10	22°32	4°37	13°55	1°28	17° 0	26°11	18° 3	19° 8	14°18	n.a.	T 19
W20	17 6 19	15°37'44	27° 9	1°52	13°21	23°10	4°51	14° 0	1°26	17° 2	26°10	17°59	19° 5	14°24	n.a.	W20
T 21	17 10 15	16°35'02	11♏12	3°46	14°32	23°48	5° 4	14° 4	1°24	17° 4	26° 9	17°55	19° 2	14°31	n.a.	T 21
F 22	17 14 12	17°32'20	25° 5	5°43	15°43	24°26	5°17	14° 9	1°21	17° 6	26° 7	17°50	18°59	14°38	n.a.	F 22
S 23	17 18 9	18°29'40	8♐44	7°42	16°55	25° 5	5°31	14°14	1°19	17° 8	26° 6	17°46	18°56	14°44	n.a.	S 23
S 24	17 22 5	19°27'00	22° 7	9°42	18° 6	25°43	5°44	14°20	1°17	17°10	26° 4	17°43	18°52	14°51	n.a.	S 24
M25	17 26 2	20°24'22	5♑12	11°44	19°18	26°21	5°57	14°25	1°15	17°12	26° 3	17°41	18°49	14°58	n.a.	M25
T 26	17 29 58	21°21'44	18° 0	13°47	20°29	26°59	6°10	14°30	1°12	17°14	26° 2	17°D40	18°46	15° 5	n.a.	T 26
W27	17 33 55	22°19'08	0♒29	15°51	21°41	27°37	6°23	14°35	1°10	17°16	26° 0	17°41	18°43	15°11	n.a.	W27
T 28	17 37 51	23°16'33	12°44	17°56	22°53	28°15	6°36	14°41	1° 8	17°18	25°59	17°42	18°40	15°18	n.a.	T 28
F 29	17 41 48	24°14'00	24°48	20° 0	24° 5	28°53	6°50	14°46	1° 6	17°20	25°58	17°44	18°36	15°25	n.a.	F 29
S 30	17 45 44	25♊11'28	6♓43	22♊ 5	25♉16	29♊32	7♊ 3	14♌52	1♐ 4	17♋22	25♏57	17♋45	18♋33	15♓31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n56	18s20	2s25	10n58	3s42	6n29	2s 0	23n26	0n58	20n28	0s 9	19n14	2n 2	21s 0	0s 3	23n11	0n23	16s23	3n26	22n29	22n18	10s49		n.a.
S 2	20 9	15 10	3 18	11 16	3 34	6 56	1 59	23 32	0 58	20 31	0 9	19 13	2 1	21 0	0 3	23 11	0 23	16 23	3 26	22 29	22 19	10 47		n.a.
S 3	20 22	11 25	4 2	11 36	3 25	7 23	1 57	23 37	0 59	20 34	0 9	19 11	2 1	20 59	0 3	23 11	0 23	16 22	3 26	22 29	22 19	10 44		n.a.
M 4	20 34	7 14	4 36	11 59	3 16	7 51	1 56	23 42	0 59	20 37	0 9	19 10	2 1	20 59	0 3	23 11	0 23	16 22	3 26	22 29	22 20	10 42		n.a.
T 5	20 46	2 44	4 59	12 24	3 5	8 18	1 55	23 47	0 59	20 40	0 9	19 9	2 1	20 58	0 3	23 11	0 23	16 22	3 26	22 30	22 20	10 40		n.a.
W 6	20 58	1n55	5 8	12 50	2 55	8 45	1 54	23 52	0 59	20 43	0 9	19 8	2 1	20 58	0 4	23 10	0 23	16 22	3 26	22 31	22 21	10 38		n.a.
T 7	21 9	6 35	5 3	13 18	2 44	9 12	1 52	23 57	1 0	20 45	0 8	19 6	2 1	20 57	0 4	23 10	0 23	16 21	3 26	22 32	22 21	10 36		n.a.
F 8	21 20	11 4	4 43	13 48	2 32	9 38	1 51	24 2	1 0	20 48	0 8	19 5	2 1	20 57	0 4	23 10	0 23	16 21	3 26	22 33	22 22	10 34		n.a.
S 9	21 31	15 10	4 9	14 20	2 20	10 5	1 49	24 6	1 0	20 51	0 8	19 4	2 1	20 56	0 4	23 10	0 23	16 21	3 26	22 34	22 22	10 32		n.a.
S 10	21 41	18 38	3 21	14 53	2 7	10 31	1 47	24 10	1 0	20 54	0 8	19 3	2 0	20 56	0 4	23 9	0 23	16 21	3 25	22 35	22 23	10 29		n.a.
M11	21 51	21 10	2 22	15 27	1 55	10 58	1 46	24 14	1 1	20 57	0 8	19 1	2 0	20 55	0 4	23 9	0 23	16 20	3 25	22 35	22 23	10 27		n.a.
T 12	22 0	22 33	1 13	16 2	1 42	11 24	1 44	24 18	1 1	20 59	0 8	19 0	2 0	20 55	0 4	23 9	0 23	16 20	3 25	22 36	22 23	10 25		n.a.
W13	22 9	22 35	0n 1	16 38	1 29	11 49	1 42	24 22	1 1	21 2	0 8	18 58	2 0	20 54	0 4	23 9	0 23	16 20	3 25	22 36	22 24	10 23		n.a.
T 14	22 18	21 14	1 16	17 14	1 16	12 15	1 40	24 25	1 1	21 5	0 8	18 57	2 0	20 54	0 4	23 9	0 23	16 20	3 25	22 36	22 24	10 21		n.a.
F 15	22 27	18 34	2 27	17 51	1 3	12 40	1 38	24 28	1 2	21 7	0 8	18 56	2 0	20 53	0 4	23 8	0 23	16 20	3 25	22 36	22 25	10 19		n.a.
S 16	22 35	14 48	3 30	18 28	0 50	13 5	1 36	24 32	1 2	21 10	0 7	18 54	2 0	20 53	0 4	23 8	0 23	16 19	3 25	22 35	22 25	10 17		n.a.
S 17	22 42	10 10	4 20	19 5	0 37	13 30	1 34	24 34	1 2	21 13	0 7	18 53	2 0	20 52	0 4	23 8	0 23	16 19	3 24	22 35	22 26	10 14		n.a.
M18	22 50	4 59	4 54	19 42	0 24	13 55	1 32	24 37	1 2	21 15	0 7	18 51	1 59	20 52	0 4	23 8	0 23	16 19	3 24	22 36	22 26	10 12		n.a.
T 19	22 56	0s27	5 11	20 18	0 12	14 19	1 30	24 40	1 2	21 18	0 7	18 50	1 59	20 51	0 4	23 7	0 23	16 19	3 24	22 36	22 27	10 10		n.a.
W20	23 3	5 51	5 8	20 53	0n 0	14 43	1 28	24 42	1 3	21 20	0 7	18 48	1 59	20 51	0 4	23 7	0 23	16 19	3 24	22 36	22 27	10 8		n.a.
T 21	23 9	10 54	4 47	21 27	0 12	15 6	1 26	24 44	1 3	21 23	0 7	18 46	1 59	20 50	0 4	23 7	0 23	16 18	3 24	22 37	22 28	10 6		n.a.
F 22	23 14	15 20	4 9	22 0	0 23	15 29	1 23	24 46	1 3	21 26	0 7	18 45	1 59	20 50	0 4	23 7	0 23	16 18	3 24	22 38	22 28	10 3		n.a.
S 23	23 20	18 53	3 17	22 31	0 34	15 52	1 21	24 48	1 3	21 28	0 7	18 43	1 59	20 50	0 4	23 6	0 23	16 18	3 24	22 38	22 29	10 1		n.a.
S 24	23 25	21 21	2 16	23 0	0 44	16 15	1 19	24 49	1 4	21 31	0 7	18 42	1 59	20 49	0 4	23 6	0 23	16 18	3 24	22 39	22 29	9 59		n.a.
M25	23 29	22 36	1 8	23 27	0 53	16 37	1 16	24 51	1 4	21 33	0 7	18 40	1 59	20 49	0 4	23 6	0 23	16 18	3 23	22 39	22 29	9 57		n.a.
T 26	23 33	22 38	0s 2	23 51	1 2	16 59	1 14	24 52	1 4	21 35	0 6	18 38	1 59	20 48	0 4	23 6	0 23	16 18	3 23	22 39	22 30	9 55		n.a.
W27	23 37	21 31	1 10	24 13	1 10	17 20	1 11	24 53	1 4	21 38	0 6	18 37	1 58	20 48	0 4	23 5	0 23	16 17	3 23	22 39	22 30	9 53		n.a.
T 28	23 40	19 24	2 14	24 33	1 17	17 41	1 9	24 54	1 4	21 40	0 6	18 35	1 58	20 47	0 4	23 5	0 24	16 17	3 23	22 39	22 31	9 50		n.a.
F 29	23 42	16 27	3 10	24 50	1 23	18 2	1 6	24 55	1 5	21 43	0 6	18 33	1 58	20 47	0 4	23 5	0 24	16 17	3 23	22 38	22 31	9 48		n.a.
S 30	23n45	12s52	3s58	25n 4	1n29	18n22	1s 4	24n55	1n 5	21n45	0s 6	18n31	1n58	20s46	0s 4	23n 5	0n24	16s17	3n23	22n38	22n32	9s46		n.a.

Julian Day Number = 1282543.5, Delta T = 08h06m46s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'37, Lahiri = -20°32'37 Julian Calendar 1 June 1202 BCE == Greg. Calendar 21 May 1202 BCE

The year -1201 astronomical counting style corresponds to year 1202 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1202 BCE
geocentric

JULY 1202 BCE (-1201) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 49 41	26♊ 8'57	18♓35	24♊ 9	26♉28	0♋10	7♊16	14♌57	1°R 2	17♋24	25°R55	17♋46	18♋30	15♓38	n.a.	S 1
M 2	17 53 38	27° 6'28	0♈28	26°13	27°40	0°48	7°29	15° 3	0♐59	17°26	25♏54	17°R46	18°27	15°45	n.a.	M 2
T 3	17 57 34	28° 4'01	12°27	28°16	28°52	1°26	7°42	15° 9	0°57	17°28	25°53	17°46	18°24	15°51	n.a.	T 3
W 4	18 1 31	29° 1'35	24°37	0♋18	0♊ 4	2° 4	7°55	15°14	0°55	17°30	25°52	17°44	18°21	15°58	n.a.	W 4
T 5	18 5 27	29°59'10	7♉ 2	2°19	1°17	2°43	8° 8	15°20	0°53	17°33	25°50	17°42	18°17	16° 5	n.a.	T 5
F 6	18 9 24	0♋56'48	19°44	4°19	2°29	3°21	8°20	15°26	0°51	17°35	25°49	17°40	18°14	16°12	n.a.	F 6
S 7	18 13 20	1°54'27	2♊46	6°18	3°41	3°59	8°33	15°32	0°49	17°37	25°48	17°37	18°11	16°18	n.a.	S 7
S 8	18 17 17	2°52'08	16° 8	8°15	4°54	4°37	8°46	15°38	0°47	17°39	25°47	17°35	18° 8	16°25	n.a.	S 8
M 9	18 21 13	3°49'50	29°50	10°11	6° 6	5°15	8°59	15°44	0°46	17°41	25°46	17°34	18° 5	16°32	n.a.	M 9
T 10	18 25 10	4°47'34	13♋49	12° 6	7°18	5°54	9°12	15°50	0°44	17°43	25°45	17°D34	18° 2	16°38	n.a.	T 10
W11	18 29 7	5°45'19	28° 1	14° 0	8°31	6°32	9°24	15°56	0°42	17°46	25°44	17°34	17°58	16°45	n.a.	W11
T 12	18 33 3	6°43'06	12♌22	15°52	9°44	7°10	9°37	16° 2	0°40	17°48	25°43	17°34	17°55	16°52	n.a.	T 12
F 13	18 37 0	7°40'54	26°47	17°43	10°56	7°48	9°50	16° 8	0°38	17°50	25°42	17°35	17°52	16°58	n.a.	F 13
S 14	18 40 56	8°38'43	11♍12	19°32	12° 9	8°27	10° 2	16°14	0°37	17°52	25°41	17°36	17°49	17° 5	n.a.	S 14
S 15	18 44 53	9°36'34	25°33	21°20	13°22	9° 5	10°15	16°21	0°35	17°54	25°40	17°37	17°46	17°12	n.a.	S 15
M16	18 48 49	10°34'26	9♎47	23° 7	14°34	9°43	10°27	16°27	0°33	17°57	25°39	17°R37	17°42	17°19	n.a.	M16
T 17	18 52 46	11°32'19	23°51	24°52	15°47	10°22	10°40	16°33	0°31	17°59	25°38	17°37	17°39	17°25	n.a.	T 17
W18	18 56 42	12°30'14	7♏44	26°36	17° 0	11° 0	10°52	16°40	0°30	18° 1	25°37	17°36	17°36	17°32	n.a.	W18
T 19	19 0 39	13°28'10	21°24	28°18	18°13	11°38	11° 4	16°46	0°28	18° 3	25°36	17°36	17°33	17°39	n.a.	T 19
F 20	19 4 36	14°26'08	4♐51	29°59	19°26	12°16	11°16	16°53	0°27	18° 6	25°35	17°35	17°30	17°45	n.a.	F 20
S 21	19 8 32	15°24'07	18° 5	1♌39	20°39	12°55	11°29	16°59	0°25	18° 8	25°34	17°35	17°27	17°52	n.a.	S 21
S 22	19 12 29	16°22'08	1♑ 4	3°18	21°52	13°33	11°41	17° 6	0°24	18°10	25°33	17°35	17°23	17°59	n.a.	S 22
M23	19 16 25	17°20'11	13°50	4°55	23° 6	14°11	11°53	17°13	0°22	18°12	25°33	17°35	17°20	18° 6	n.a.	M23
T 24	19 20 22	18°18'15	26°22	6°31	24°19	14°50	12° 5	17°19	0°21	18°14	25°32	17°35	17°17	18°12	n.a.	T 24
W25	19 24 18	19°16'22	8♒42	8° 6	25°32	15°28	12°17	17°26	0°20	18°17	25°31	17°35	17°14	18°19	n.a.	W25
T 26	19 28 15	20°14'30	20°51	9°40	26°46	16° 6	12°29	17°33	0°19	18°19	25°30	17°35	17°11	18°26	n.a.	T 26
F 27	19 32 11	21°12'40	2♓51	11°12	27°59	16°45	12°41	17°39	0°17	18°21	25°30	17°34	17° 8	18°32	n.a.	F 27
S 28	19 36 8	22°10'52	14°45	12°43	29°12	17°23	12°52	17°46	0°16	18°23	25°29	17°34	17° 4	18°39	n.a.	S 28
S 29	19 40 5	23° 9'07	26°37	14°13	0♋26	18° 1	13° 4	17°53	0°15	18°26	25°28	17°33	17° 1	18°46	n.a.	S 29
M30	19 44 1	24° 7'23	8♈29	15°41	1°39	18°40	13°16	18° 0	0°14	18°28	25°28	17°33	16°58	18°52	n.a.	M30
T 31	19 47 58	25♋ 5'42	20♈27	17♌ 8	2♋53	19♋18	13♊27	18♌ 7	0♐13	18♋30	25♏27	17°D32	16♋55	18♓59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23n47	8s48	4s35	25n16	1n34	18n42	1s 1	24n55	1n 5	21n47	0s 6	18n30	1n58	20s46	0s 4	23n 4	0n24	16s17	3n22	22n38	22n32	9s44			n.a.
M 2	23 48	4 24	5 1	25 25	1 38	19 1	0 58	24 55	1 5	21 49	0 6	18 28	1 58	20 45	0 4	23 4	0 24	16 17	3 22	22 38	22 33	9 41			n.a.
T 3	23 49	0n12	5 14	25 31	1 42	19 20	0 56	24 55	1 5	21 52	0 6	18 26	1 58	20 45	0 4	23 4	0 24	16 16	3 22	22 38	22 33	9 39			n.a.
W 4	23 50	4 51	5 13	25 34	1 44	19 38	0 53	24 55	1 6	21 54	0 6	18 24	1 58	20 45	0 4	23 3	0 24	16 16	3 22	22 38	22 33	9 37			n.a.
T 5	23 50	9 24	4 58	25 35	1 46	19 56	0 50	24 54	1 6	21 56	0 6	18 23	1 58	20 44	0 4	23 3	0 24	16 16	3 22	22 39	22 34	9 35			n.a.
F 6	23 50	13 40	4 27	25 34	1 48	20 13	0 48	24 54	1 6	21 58	0 5	18 21	1 58	20 44	0 4	23 3	0 24	16 16	3 22	22 39	22 34	9 33			n.a.
S 7	23 49	17 25	3 43	25 29	1 48	20 30	0 45	24 53	1 6	22 0	0 5	18 19	1 58	20 43	0 4	23 3	0 24	16 16	3 21	22 39	22 35	9 30			n.a.
S 8	23 48	20 22	2 45	25 23	1 49	20 46	0 42	24 52	1 6	22 3	0 5	18 17	1 57	20 43	0 4	23 2	0 24	16 16	3 21	22 39	22 35	9 28			n.a.
M 9	23 47	22 14	1 37	25 14	1 48	21 2	0 39	24 50	1 6	22 5	0 5	18 15	1 57	20 43	0 4	23 2	0 24	16 16	3 21	22 40	22 36	9 26			n.a.
T 10	23 45	22 46	0 21	25 3	1 47	21 17	0 37	24 49	1 7	22 7	0 5	18 13	1 57	20 42	0 4	23 2	0 24	16 16	3 21	22 40	22 36	9 24			n.a.
W11	23 43	21 51	0n58	24 50	1 45	21 32	0 34	24 47	1 7	22 9	0 5	18 11	1 57	20 42	0 4	23 2	0 24	16 16	3 21	22 40	22 36	9 21			n.a.
T 12	23 40	19 30	2 13	24 35	1 43	21 46	0 31	24 45	1 7	22 11	0 5	18 9	1 57	20 41	0 4	23 1	0 24	16 16	3 21	22 40	22 37	9 19			n.a.
F 13	23 37	15 55	3 21	24 18	1 41	21 59	0 28	24 43	1 7	22 13	0 5	18 7	1 57	20 41	0 4	23 1	0 24	16 15	3 20	22 40	22 37	9 17			n.a.
S 14	23 33	11 24	4 15	24 0	1 38	22 12	0 26	24 41	1 7	22 15	0 5	18 5	1 57	20 41	0 4	23 1	0 24	16 15	3 20	22 39	22 38	9 15			n.a.
S 15	23 29	6 16	4 54	23 40	1 34	22 24	0 23	24 38	1 7	22 17	0 5	18 3	1 57	20 40	0 4	23 0	0 24	16 15	3 20	22 39	22 38	9 12			n.a.
M16	23 24	0 52	5 14	23 18	1 30	22 36	0 20	24 36	1 8	22 19	0 4	18 1	1 57	20 40	0 4	23 0	0 24	16 15	3 20	22 39	22 39	9 10			n.a.
T 17	23 20	4s32	5 15	22 55	1 26	22 47	0 17	24 33	1 8	22 21	0 4	17 59	1 57	20 40	0 4	23 0	0 24	16 15	3 20	22 39	22 39	9 8			n.a.
W18	23 14	9 38	4 58	22 31	1 21	22 57	0 14	24 30	1 8	22 23	0 4	17 57	1 57	20 39	0 4	23 0	0 24	16 15	3 20	22 39	22 39	9 6			n.a.
T 19	23 9	14 10	4 24	22 5	1 16	23 7	0 12	24 27	1 8	22 24	0 4	17 55	1 57	20 39	0 4	22 59	0 24	16 15	3 19	22 39	22 40	9 3			n.a.
F 20	23 2	17 56	3 35	21 39	1 11	23 16	0 9	24 23	1 8	22 26	0 4	17 53	1 57	20 39	0 4	22 59	0 24	16 15	3 19	22 39	22 40	9 1			n.a.
S 21	22 56	20 42	2 36	21 11	1 5	23 24	0 6	24 20	1 8	22 28	0 4	17 51	1 57	20 38	0 4	22 59	0 24	16 15	3 19	22 40	22 41	8 59			n.a.
S 22	22 49	22 20	1 30	20 42	1 0	23 32	0 3	24 16	1 8	22 30	0 4	17 49	1 57	20 38	0 4	22 58	0 24	16 15	3 19	22 40	22 41	8 57			n.a.
M23	22 41	22 46	0 21	20 13	0 53	23 39	0 1	24 12	1 9	22 32	0 4	17 47	1 57	20 38	0 4	22 58	0 24	16 15	3 19	22 40	22 41	8 54			n.a.
T 24	22 34	22 1	0s49	19 42	0 47	23 45	0n 2	24 8	1 9	22 33	0 4	17 45	1 57	20 38	0 4	22 58	0 24	16 15	3 18	22 40	22 42	8 52			n.a.
W25	22 26	20 13	1 55	19 11	0 40	23 50	0 5	24 4	1 9	22 35	0 3	17 43	1 57	20 37	0 4	22 57	0 24	16 15	3 18	22 40	22 42	8 50			n.a.
T 26	22 17	17 32	2 54	18 40	0 33	23 55	0 7	23 59	1 9	22 37	0 3	17 41	1 56	20 37	0 4	22 57	0 24	16 15	3 18	22 40	22 43	8 47			n.a.
F 27	22 8	14 7	3 46	18 7	0 26	23 59	0 10	23 55	1 9	22 38	0 3	17 38	1 56	20 37	0 4	22 57	0 24	16 15	3 18	22 40	22 43	8 45			n.a.
S 28	21 59	10 11	4 27	17 34	0 19	24 3	0 13	23 50	1 9	22 40	0 3	17 36	1 56	20 36	0 4	22 57	0 24	16 15	3 18	22 40	22 44	8 43			n.a.
S 29	21 49	5 53	4 56	17 1	0 11	24 6	0 15	23 45	1 9	22 42	0 3	17 34	1 56	20 36	0 4	22 56	0 24	16 15	3 18	22 40	22 44	8 40			n.a.
M30	21 39	1 22	5 13	16 27	0 4	24 8	0 18	23 40	1 9	22 43	0 3	17 32	1 56	20 36	0 4	22 56	0 24	16 15	3 17	22 40	22 44	8 38			n.a.
T 31	21n28	3n15	5s16	15n53	0s 4	24n 9	0n21	23n34	1n10	22n45	0s 3	17n30	1n56	20s36	0s 4	22n56	0n24	16s15	3n17	22n40	22n45	8s36			n.a.

Julian Day Number = 1282573.5, Delta T = 08h06m45s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'33, Lahiri = -20°32'32 Julian Calendar 1 July 1202 BCE == Greg. Calendar 20 June 1202 BCE

The year -1201 astronomical counting style corresponds to year 1202 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1202 BCE
geocentric

AUGUST 1202 BCE (-1201) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 51 54	26♋ 4'03	2♉36	18♌34	4♋ 7	19♋57	13♊39	18♌14	0°R12	18♋32	25°R27	17♋32	16♋52	19♓ 6	n.a.	W 1
T 2	19 55 51	27° 2'26	14°58	19°59	5°21	20°35	13°50	18°21	0♐11	18°34	25♏26	17°33	16°48	19°13	n.a.	T 2
F 3	19 59 47	28° 0'52	27°40	21°22	6°34	21°14	14° 1	18°28	0°10	18°37	25°26	17°34	16°45	19°19	n.a.	F 3
S 4	20 3 44	28°59'20	10♊43	22°44	7°48	21°52	14°13	18°35	0° 9	18°39	25°25	17°35	16°42	19°26	n.a.	S 4
S 5	20 7 40	29°57'50	24°11	24° 4	9° 2	22°31	14°24	18°42	0° 8	18°41	25°25	17°35	16°39	19°33	n.a.	S 5
M 6	20 11 37	0♌56'22	8♋ 4	25°23	10°16	23° 9	14°35	18°49	0° 7	18°43	25°24	17°36	16°36	19°39	n.a.	M 6
T 7	20 15 34	1°54'57	22°19	26°41	11°30	23°48	14°46	18°56	0° 7	18°45	25°24	17°R36	16°33	19°46	n.a.	T 7
W 8	20 19 30	2°53'34	6♌54	27°57	12°44	24°26	14°57	19° 3	0° 6	18°48	25°23	17°36	16°29	19°53	n.a.	W 8
T 9	20 23 27	3°52'12	21°41	29°11	13°58	25° 5	15° 8	19°10	0° 5	18°50	25°23	17°34	16°26	20° 0	n.a.	T 9
F 10	20 27 23	4°50'53	6♍33	0♍24	15°12	25°43	15°19	19°17	0° 5	18°52	25°23	17°32	16°23	20° 6	n.a.	F 10
S 11	20 31 20	5°49'35	21°23	1°34	16°26	26°22	15°29	19°24	0° 4	18°54	25°23	17°30	16°20	20°13	n.a.	S 11
S 12	20 35 16	6°48'20	6♎ 3	2°43	17°41	27° 0	15°40	19°31	0° 4	18°56	25°22	17°28	16°17	20°20	n.a.	S 12
M13	20 39 13	7°47'06	20°27	3°50	18°55	27°39	15°50	19°38	0° 3	18°58	25°22	17°26	16°13	20°26	n.a.	M13
T 14	20 43 9	8°45'54	4♏34	4°55	20° 9	28°17	16° 1	19°46	0° 3	19° 1	25°22	17°D25	16°10	20°33	n.a.	T 14
W15	20 47 6	9°44'44	18°20	5°58	21°23	28°56	16°11	19°53	0° 2	19° 3	25°22	17°25	16° 7	20°40	n.a.	W15
T 16	20 51 2	10°43'35	1♐47	6°58	22°38	29°35	16°21	20° 0	0° 2	19° 5	25°22	17°26	16° 4	20°47	n.a.	T 16
F 17	20 54 59	11°42'29	14°55	7°55	23°52	0♌13	16°32	20° 7	0° 2	19° 7	25°22	17°28	16° 1	20°53	n.a.	F 17
S 18	20 58 56	12°41'25	27°48	8°50	25° 7	0°52	16°42	20°15	0° 2	19° 9	25°22	17°30	15°58	21° 0	n.a.	S 18
S 19	21 2 52	13°40'22	10♑27	9°41	26°21	1°31	16°52	20°22	0° 1	19°11	25°D21	17°31	15°54	21° 7	n.a.	S 19
M20	21 6 49	14°39'22	22°54	10°29	27°36	2° 9	17° 1	20°29	0° 1	19°13	25°21	17°R31	15°51	21°13	n.a.	M20
T 21	21 10 45	15°38'23	5♒10	11°14	28°50	2°48	17°11	20°36	0°D 1	19°15	25°22	17°29	15°48	21°20	n.a.	T 21
W22	21 14 42	16°37'27	17°18	11°55	0♌ 5	3°27	17°21	20°44	0° 1	19°17	25°22	17°27	15°45	21°27	n.a.	W22
T 23	21 18 38	17°36'33	29°20	12°31	1°20	4° 5	17°30	20°51	0° 1	19°19	25°22	17°22	15°42	21°34	n.a.	T 23
F 24	21 22 35	18°35'41	11♓16	13° 3	2°34	4°44	17°40	20°58	0° 1	19°21	25°22	17°17	15°39	21°40	n.a.	F 24
S 25	21 26 31	19°34'51	23° 8	13°30	3°49	5°23	17°49	21° 5	0° 2	19°23	25°22	17°11	15°35	21°47	n.a.	S 25
S 26	21 30 28	20°34'04	4♈59	13°52	5° 4	6° 2	17°58	21°13	0° 2	19°25	25°22	17° 5	15°32	21°54	n.a.	S 26
M27	21 34 24	21°33'19	16°51	14° 8	6°19	6°40	18° 7	21°20	0° 2	19°27	25°22	17° 0	15°29	22° 0	n.a.	M27
T 28	21 38 21	22°32'36	28°49	14°17	7°33	7°19	18°16	21°27	0° 2	19°29	25°23	16°56	15°26	22° 7	n.a.	T 28
W29	21 42 18	23°31'56	10♉54	14°R20	8°48	7°58	18°25	21°34	0° 3	19°31	25°23	16°54	15°23	22°14	n.a.	W29
T 30	21 46 14	24°31'18	23°13	14°16	10° 3	8°37	18°34	21°42	0° 3	19°33	25°23	16°D53	15°19	22°21	n.a.	T 30
F 31	21 50 11	25♌30'43	5♊49	14♍ 4	11♌18	9♌16	18♊42	21♌49	0♐ 4	19♋35	25♏24	16♋53	15♋16	22♓27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	21n17	7n47	5s 6	15n19	0s12	24n 9	0n23	23n29	1n10	22n46	0s 3	17n27	1n56	20s36	0s 4	22n55	0n24	16s15	3n17	22n40	22n45	8s34			n.a.
T 2	21 6	12 7	4 41	14 45	0 20	24 9	0 26	23 23	1 10	22 48	0 3	17 25	1 56	20 35	0 4	22 55	0 24	16 15	3 17	22 40	22 46	8 31			n.a.
F 3	20 54	16 2	4 3	14 10	0 28	24 8	0 28	23 17	1 10	22 49	0 3	17 23	1 56	20 35	0 4	22 55	0 24	16 15	3 17	22 40	22 46	8 29			n.a.
S 4	20 42	19 17	3 10	13 35	0 37	24 7	0 30	23 11	1 10	22 51	0 2	17 21	1 56	20 35	0 4	22 55	0 24	16 15	3 16	22 40	22 46	8 27			n.a.
S 5	20 30	21 36	2 6	13 0	0 45	24 4	0 33	23 4	1 10	22 52	0 2	17 19	1 56	20 35	0 4	22 54	0 24	16 16	3 16	22 39	22 47	8 24			n.a.
M 6	20 17	22 43	0 53	12 26	0 54	24 1	0 35	22 58	1 10	22 54	0 2	17 16	1 56	20 35	0 4	22 54	0 24	16 16	3 16	22 39	22 47	8 22			n.a.
T 7	20 4	22 23	0n26	11 51	1 2	23 57	0 38	22 51	1 10	22 55	0 2	17 14	1 56	20 35	0 4	22 54	0 24	16 16	3 16	22 39	22 48	8 20			n.a.
W 8	19 50	20 33	1 45	11 17	1 11	23 53	0 40	22 45	1 10	22 56	0 2	17 12	1 56	20 34	0 4	22 53	0 24	16 16	3 16	22 39	22 48	8 17			n.a.
T 9	19 36	17 18	2 57	10 43	1 19	23 47	0 42	22 38	1 11	22 58	0 2	17 10	1 56	20 34	0 4	22 53	0 24	16 16	3 15	22 40	22 48	8 15			n.a.
F 10	19 22	12 56	3 58	10 9	1 28	23 41	0 44	22 30	1 11	22 59	0 2	17 7	1 56	20 34	0 4	22 53	0 24	16 16	3 15	22 40	22 49	8 13			n.a.
S 11	19 8	7 48	4 43	9 36	1 36	23 34	0 46	22 23	1 11	23 0	0 2	17 5	1 56	20 34	0 4	22 52	0 24	16 16	3 15	22 40	22 49	8 10			n.a.
S 12	18 53	2 16	5 9	9 3	1 45	23 27	0 49	22 16	1 11	23 2	0 2	17 3	1 56	20 34	0 4	22 52	0 24	16 16	3 15	22 41	22 50	8 8			n.a.
M13	18 38	3s16	5 15	8 30	1 53	23 19	0 51	22 8	1 11	23 3	0 1	17 0	1 56	20 34	0 4	22 52	0 24	16 16	3 15	22 41	22 50	8 6			n.a.
T 14	18 22	8 32	5 1	7 59	2 2	23 10	0 53	22 0	1 11	23 4	0 1	16 58	1 56	20 34	0 4	22 52	0 24	16 17	3 14	22 41	22 50	8 3			n.a.
W15	18 6	13 14	4 31	7 28	2 10	23 0	0 55	21 52	1 11	23 5	0 1	16 56	1 56	20 34	0 4	22 51	0 24	16 17	3 14	22 41	22 51	8 1			n.a.
T 16	17 50	17 11	3 46	6 58	2 18	22 50	0 57	21 44	1 11	23 6	0 1	16 53	1 56	20 34	0 4	22 51	0 24	16 17	3 14	22 41	22 51	7 59			n.a.
F 17	17 34	20 9	2 50	6 29	2 27	22 39	0 58	21 36	1 11	23 8	0 1	16 51	1 56	20 34	0 4	22 51	0 24	16 17	3 14	22 40	22 51	7 56			n.a.
S 18	17 17	22 3	1 46	6 1	2 34	22 27	1 0	21 27	1 11	23 9	0 1	16 49	1 56	20 34	0 4	22 50	0 24	16 17	3 14	22 40	22 52	7 54			n.a.
S 19	17 0	22 46	0 39	5 34	2 42	22 15	1 2	21 19	1 11	23 10	0 1	16 47	1 56	20 33	0 4	22 50	0 24	16 18	3 13	22 40	22 52	7 52			n.a.
M20	16 42	22 21	0s29	5 9	2 50	22 2	1 4	21 10	1 11	23 11	0 1	16 44	1 56	20 33	0 4	22 50	0 24	16 18	3 13	22 40	22 53	7 49			n.a.
T 21	16 25	20 50	1 35	4 45	2 57	21 48	1 5	21 1	1 11	23 12	0 1	16 42	1 56	20 33	0 4	22 50	0 24	16 18	3 13	22 40	22 53	7 47			n.a.
W22	16 7	18 22	2 36	4 23	3 3	21 33	1 7	20 52	1 11	23 13	0 0	16 40	1 56	20 33	0 4	22 49	0 24	16 18	3 13	22 41	22 53	7 45			n.a.
T 23	15 49	15 9	3 29	4 3	3 10	21 18	1 8	20 43	1 12	23 14	0 0	16 37	1 57	20 33	0 4	22 49	0 24	16 18	3 13	22 41	22 54	7 42			n.a.
F 24	15 30	11 20	4 12	3 46	3 16	21 3	1 10	20 33	1 12	23 15	0 0	16 35	1 57	20 34	0 4	22 49	0 24	16 19	3 12	22 42	22 54	7 40			n.a.
S 25	15 11	7 6	4 44	3 30	3 21	20 46	1 11	20 24	1 12	23 16	0 0	16 32	1 57	20 34	0 4	22 49	0 24	16 19	3 12	22 43	22 55	7 37			n.a.
S 26	14 52	2 38	5 4	3 17	3 26	20 30	1 13	20 14	1 12	23 17	0n 0	16 30	1 57	20 34	0 4	22 48	0 24	16 19	3 12	22 43	22 55	7 35			n.a.
M27	14 33	1n57	5 11	3 8	3 30	20 12	1 14	20 4	1 12	23 18	0 0	16 28	1 57	20 34	0 4	22 48	0 24	16 19	3 12	22 44	22 55	7 33			n.a.
T 28	14 14	6 30	5 4	3 1	3 33	19 54	1 15	19 54	1 12	23 19	0 0	16 25	1 57	20 34	0 4	22 48	0 24	16 20	3 12	22 45	22 56	7 30			n.a.
W29	13 54	10 51	4 44	2 58	3 35	19 35	1 16	19 44	1 12	23 20	0 0	16 23	1 57	20 34	0 4	22 48	0 24	16 20	3 11	22 45	22 56	7 28			n.a.
T 30	13 34	14 50	4 11	2 59	3 36	19 16	1 18	19 34	1 12	23 21	0 1	16 21	1 57	20 34	0 4	22 47	0 24	16 20	3 11	22 45	22 56	7 26			n.a.
F 31	13n14	18n16	3s25	3n 4	3s35	18n56	1n19	19n23	1n12	23n22	0n 1	16n18	1n57	20s34	0s 4	22n47	0n24	16s20	3n11	22n45	22n57	7s23			n.a.

Julian Day Number = 1282604.5, Delta T = 08h06m43s
Ecliptic obliquity = 23°50'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'29, Lahiri = -20°32'28 Julian Calendar 1 Aug. 1202 BCE == Greg. Calendar 21 July 1202 BCE

The year -1201 astronomical counting style corresponds to year 1202 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1202 BCE
geocentric

SEPTEMBER 1202 BCE (-1201) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 54 7	26♌30'10	18♊47	13°R44	12♌33	9♌54	18♊51	21♌56	0♐ 4	19♋37	25♏24	16♋54	15♋13	22♓34	n.a.	S 1
S 2	21 58 4	27°29'40	2♋10	13♍17	13°48	10°33	18°59	22° 4	0° 5	19°38	25°24	16°56	15°10	22°41	n.a.	S 2
M 3	22 2 0	28°29'13	16° 1	12°41	15° 3	11°12	19° 7	22°11	0° 5	19°40	25°25	16°R57	15° 7	22°47	n.a.	M 3
T 4	22 5 57	29°28'47	0♌20	11°56	16°18	11°51	19°15	22°18	0° 6	19°42	25°25	16°56	15° 4	22°54	n.a.	T 4
W 5	22 9 53	0♍28'24	15° 4	11° 5	17°33	12°30	19°23	22°25	0° 7	19°44	25°26	16°53	15° 0	23° 1	n.a.	W 5
T 6	22 13 50	1°28'03	0♍ 7	10° 6	18°48	13° 9	19°31	22°33	0° 7	19°46	25°26	16°48	14°57	23° 8	n.a.	T 6
F 7	22 17 47	2°27'44	15°20	9° 1	20° 4	13°48	19°39	22°40	0° 8	19°47	25°27	16°42	14°54	23°14	n.a.	F 7
S 8	22 21 43	3°27'28	0♎32	7°51	21°19	14°27	19°46	22°47	0° 9	19°49	25°27	16°35	14°51	23°21	n.a.	S 8
S 9	22 25 40	4°27'13	15°33	6°38	22°34	15° 6	19°54	22°54	0°10	19°51	25°28	16°28	14°48	23°28	n.a.	S 9
M10	22 29 36	5°27'00	0♏16	5°24	23°49	15°45	20° 1	23° 1	0°11	19°53	25°29	16°22	14°45	23°34	n.a.	M10
T 11	22 33 33	6°26'49	14°33	4°11	25° 4	16°24	20° 8	23° 9	0°12	19°54	25°29	16°17	14°41	23°41	n.a.	T 11
W12	22 37 29	7°26'40	28°24	3° 1	26°20	17° 3	20°15	23°16	0°13	19°56	25°30	16°15	14°38	23°48	n.a.	W12
T 13	22 41 26	8°26'33	11♐49	1°57	27°35	17°42	20°22	23°23	0°14	19°58	25°31	16°D15	14°35	23°55	n.a.	T 13
F 14	22 45 22	9°26'27	24°50	0°59	28°50	18°21	20°29	23°30	0°15	19°59	25°32	16°16	14°32	24° 1	n.a.	F 14
S 15	22 49 19	10°26'24	7♑31	0°10	0♍ 6	19° 0	20°35	23°37	0°17	20° 1	25°32	16°17	14°29	24° 8	n.a.	S 15
S 16	22 53 15	11°26'22	19°56	29♌32	1°21	19°40	20°42	23°44	0°18	20° 2	25°33	16°R17	14°25	24°15	n.a.	S 16
M17	22 57 12	12°26'22	2♒10	29° 4	2°36	20°19	20°48	23°51	0°19	20° 4	25°34	16°16	14°22	24°21	n.a.	M17
T 18	23 1 9	13°26'24	14°14	28°48	3°52	20°58	20°54	23°58	0°21	20° 5	25°35	16°12	14°19	24°28	n.a.	T 18
W19	23 5 5	14°26'28	26°13	28°D43	5° 7	21°37	21° 0	24° 5	0°22	20° 7	25°36	16° 5	14°16	24°35	n.a.	W19
T 20	23 9 2	15°26'33	8♓ 7	28°49	6°22	22°16	21° 6	24°12	0°24	20° 8	25°37	15°56	14°13	24°42	n.a.	T 20
F 21	23 12 58	16°26'41	20° 0	29° 6	7°38	22°55	21°11	24°19	0°25	20°10	25°38	15°45	14°10	24°48	n.a.	F 21
S 22	23 16 55	17°26'50	1♈52	29°33	8°53	23°35	21°17	24°26	0°27	20°11	25°39	15°33	14° 6	24°55	n.a.	S 22
S 23	23 20 51	18°27'02	13°45	0♍10	10° 9	24°14	21°22	24°33	0°28	20°12	25°40	15°21	14° 3	25° 2	n.a.	S 23
M24	23 24 48	19°27'15	25°40	0°55	11°24	24°53	21°27	24°40	0°30	20°14	25°41	15° 9	14° 0	25° 8	n.a.	M24
T 25	23 28 44	20°27'31	7♉40	1°47	12°40	25°32	21°32	24°46	0°32	20°15	25°42	14°59	13°57	25°15	n.a.	T 25
W26	23 32 41	21°27'49	19°47	2°46	13°55	26°12	21°37	24°53	0°33	20°16	25°43	14°52	13°54	25°22	n.a.	W26
T 27	23 36 37	22°28'09	2♊ 5	3°52	15°11	26°51	21°41	25° 0	0°35	20°18	25°44	14°48	13°50	25°29	n.a.	T 27
F 28	23 40 34	23°28'31	14°37	5° 2	16°26	27°30	21°46	25° 7	0°37	20°19	25°45	14°46	13°47	25°35	n.a.	F 28
S 29	23 44 31	24°28'55	27°28	6°17	17°42	28°10	21°50	25°13	0°39	20°20	25°47	14°D45	13°44	25°42	n.a.	S 29
S 30	23 48 27	25♍29'22	10♋42	7♍35	18♍57	28♌49	21♊54	25♌20	0♐41	20♋21	25♏48	14°R46	13♋41	25♓49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n53	20n55	2s27	3n13	3s34	18n36	1n20	19n13	1n12	23n22	0n 1	16n16	1n57	20s34	0s 4	22n47	0n24	16s21	3n11	22n45	22n57	7s21		n.a.
S 2	12 33	22 30	1 19	3 27	3 31	18 15	1 21	19 2	1 12	23 23	0 1	16 14	1 57	20 34	0 4	22 46	0 24	16 21	3 11	22 45	22 57	7 18		n.a.
M 3	12 12	22 46	0 5	3 45	3 26	17 53	1 21	18 51	1 12	23 24	0 1	16 11	1 57	20 34	0 4	22 46	0 24	16 21	3 10	22 45	22 58	7 16		n.a.
T 4	11 51	21 35	1n12	4 8	3 19	17 31	1 22	18 40	1 12	23 25	0 1	16 9	1 57	20 35	0 4	22 46	0 24	16 22	3 10	22 45	22 58	7 14		n.a.
W 5	11 29	18 55	2 26	4 36	3 10	17 8	1 23	18 29	1 12	23 26	0 1	16 7	1 57	20 35	0 4	22 46	0 24	16 22	3 10	22 45	22 59	7 11		n.a.
T 6	11 8	14 55	3 32	5 9	3 0	16 45	1 24	18 18	1 12	23 26	0 1	16 4	1 57	20 35	0 4	22 45	0 25	16 22	3 10	22 46	22 59	7 9		n.a.
F 7	10 46	9 54	4 23	5 45	2 47	16 22	1 24	18 6	1 12	23 27	0 2	16 2	1 57	20 35	0 4	22 45	0 25	16 22	3 10	22 46	22 59	7 6		n.a.
S 8	10 24	4 17	4 56	6 25	2 32	15 58	1 25	17 55	1 12	23 28	0 2	16 0	1 57	20 35	0 4	22 45	0 25	16 23	3 9	22 47	23 0	7 4		n.a.
S 9	10 2	1s30	5 7	7 7	2 16	15 34	1 25	17 43	1 12	23 28	0 2	15 57	1 58	20 35	0 4	22 45	0 25	16 23	3 9	22 48	23 0	7 2		n.a.
M10	9 40	7 6	4 59	7 51	1 58	15 9	1 26	17 31	1 12	23 29	0 2	15 55	1 58	20 36	0 4	22 45	0 25	16 24	3 9	22 49	23 0	6 59		n.a.
T 11	9 18	12 9	4 31	8 36	1 39	14 43	1 26	17 19	1 12	23 30	0 2	15 53	1 58	20 36	0 4	22 44	0 25	16 24	3 9	22 49	23 1	6 57		n.a.
W12	8 55	16 25	3 49	9 20	1 19	14 18	1 26	17 7	1 12	23 31	0 2	15 50	1 58	20 36	0 4	22 44	0 25	16 24	3 9	22 50	23 1	6 54		n.a.
T 13	8 32	19 42	2 54	10 3	0 59	13 52	1 26	16 55	1 12	23 31	0 2	15 48	1 58	20 36	0 4	22 44	0 25	16 25	3 8	22 50	23 1	6 52		n.a.
F 14	8 10	21 51	1 53	10 42	0 38	13 25	1 27	16 43	1 12	23 32	0 2	15 46	1 58	20 37	0 4	22 44	0 25	16 25	3 8	22 50	23 2	6 49		n.a.
S 15	7 47	22 50	0 47	11 19	0 18	12 58	1 27	16 31	1 12	23 32	0 3	15 43	1 58	20 37	0 4	22 43	0 25	16 25	3 8	22 50	23 2	6 47		n.a.
S 16	7 23	22 39	0s20	11 51	0n 1	12 31	1 27	16 18	1 12	23 33	0 3	15 41	1 58	20 37	0 4	22 43	0 25	16 26	3 8	22 50	23 2	6 45		n.a.
M17	7 0	21 22	1 24	12 18	0 19	12 4	1 27	16 5	1 12	23 34	0 3	15 39	1 58	20 37	0 4	22 43	0 25	16 26	3 8	22 50	23 3	6 42		n.a.
T 18	6 37	19 7	2 24	12 39	0 37	11 36	1 26	15 53	1 12	23 34	0 3	15 37	1 58	20 38	0 4	22 43	0 25	16 27	3 7	22 50	23 3	6 40		n.a.
W19	6 13	16 4	3 16	12 56	0 52	11 7	1 26	15 40	1 12	23 35	0 3	15 34	1 59	20 38	0 4	22 43	0 25	16 27	3 7	22 51	23 4	6 37		n.a.
T 20	5 50	12 22	4 0	13 7	1 6	10 39	1 26	15 27	1 12	23 35	0 3	15 32	1 59	20 38	0 4	22 42	0 25	16 27	3 7	22 52	23 4	6 35		n.a.
F 21	5 26	8 12	4 33	13 13	1 19	10 10	1 26	15 14	1 12	23 36	0 3	15 30	1 59	20 39	0 4	22 42	0 25	16 28	3 7	22 53	23 4	6 32		n.a.
S 22	5 2	3 44	4 54	13 13	1 30	9 41	1 25	15 1	1 12	23 36	0 4	15 28	1 59	20 39	0 4	22 42	0 25	16 28	3 7	22 55	23 5	6 30		n.a.
S 23	4 38	0n53	5 2	13 9	1 40	9 12	1 25	14 47	1 12	23 37	0 4	15 25	1 59	20 39	0 4	22 42	0 25	16 29	3 7	22 56	23 5	6 28		n.a.
M24	4 14	5 28	4 58	13 0	1 48	8 42	1 24	14 34	1 12	23 37	0 4	15 23	1 59	20 40	0 4	22 42	0 25	16 29	3 6	22 58	23 5	6 25		n.a.
T 25	3 50	9 54	4 40	12 47	1 54	8 12	1 24	14 20	1 12	23 38	0 4	15 21	1 59	20 40	0 4	22 42	0 25	16 29	3 6	22 59	23 6	6 23		n.a.
W26	3 26	13 59	4 9	12 30	1 59	7 42	1 23	14 7	1 12	23 38	0 4	15 19	1 59	20 41	0 4	22 41	0 25	16 30	3 6	23 0	23 6	6 20		n.a.
T 27	3 2	17 33	3 26	12 10	2 3	7 12	1 22	13 53	1 11	23 38	0 4	15 17	2 0	20 41	0 4	22 41	0 25	16 30	3 6	23 0	23 6	6 18		n.a.
F 28	2 38	20 24	2 33	11 47	2 6	6 41	1 21	13 39	1 11	23 39	0 4	15 14	2 0	20 41	0 4	22 41	0 25	16 31	3 6	23 0	23 7	6 15		n.a.
S 29	2 14	22 18	1 31	11 20	2 8	6 10	1 21	13 25	1 11	23 39	0 4	15 12	2 0	20 42	0 4	22 41	0 25	16 31	3 5	23 0	23 7	6 13		n.a.
S 30	1n49	23n 2	0s22	10n51	2n 9	5n40	1n20	13n11	1n11	23n40	0n 5	15n10	2n 0	20s42	0s 4	22n41	0n25	16s32	3n 5	23n 0	23n 7	6s10		n.a.

Julian Day Number = 1282635.5, Delta T = 08h06m41s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'25, Lahiri = -20°32'24 Julian Calendar 1 Sept. 1202 BCE == Greg. Calendar 21 Aug. 1202 BCE

The year -1201 astronomical counting style corresponds to year 1202 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1202 BCE
geocentric

OCTOBER 1202 BCE (-1201) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 52 24	26♍29'50	24♋23	8♍57	20♍13	29♌29	21♊58	25♌27	0♐43	20♋22	25♏49	14°R45	13♋38	25♓55	n.a.	M 1
T 2	23 56 20	27°30'21	8♌32	10°21	21°29	0♍ 8	22° 2	25°33	0°45	20°23	25°50	14♋43	13°35	26° 2	n.a.	T 2
W 3	0 0 17	28°30'53	23° 9	11°48	22°44	0°47	22° 5	25°40	0°47	20°25	25°52	14°39	13°31	26° 9	n.a.	W 3
T 4	0 4 13	29°31'28	8♍ 9	13°17	24° 0	1°27	22° 9	25°46	0°49	20°26	25°53	14°32	13°28	26°16	n.a.	T 4
F 5	0 8 10	0♎32'04	23°26	14°47	25°15	2° 6	22°12	25°53	0°51	20°27	25°54	14°22	13°25	26°22	n.a.	F 5
S 6	0 12 6	1°32'42	8♎47	16°18	26°31	2°46	22°15	25°59	0°53	20°28	25°56	14°11	13°22	26°29	n.a.	S 6
S 7	0 16 3	2°33'21	24° 2	17°51	27°47	3°26	22°18	26° 5	0°55	20°29	25°57	13°59	13°19	26°36	n.a.	S 7
M 8	0 20 0	3°34'02	8♏59	19°24	29° 2	4° 5	22°20	26°12	0°58	20°29	25°59	13°49	13°16	26°42	n.a.	M 8
T 9	0 23 56	4°34'45	23°30	20°58	0♎18	4°45	22°23	26°18	1° 0	20°30	26° 0	13°42	13°12	26°49	n.a.	T 9
W10	0 27 53	5°35'29	7♐32	22°32	1°33	5°24	22°25	26°24	1° 2	20°31	26° 2	13°37	13° 9	26°56	n.a.	W10
T 11	0 31 49	6°36'14	21° 3	24° 7	2°49	6° 4	22°27	26°30	1° 5	20°32	26° 3	13°34	13° 6	27° 3	n.a.	T 11
F 12	0 35 46	7°37'00	4♑ 7	25°41	4° 5	6°43	22°29	26°36	1° 7	20°33	26° 5	13°34	13° 3	27° 9	n.a.	F 12
S 13	0 39 42	8°37'48	16°47	27°16	5°20	7°23	22°31	26°42	1°10	20°34	26° 6	13°34	13° 0	27°16	n.a.	S 13
S 14	0 43 39	9°38'37	29° 8	28°52	6°36	8° 3	22°32	26°48	1°12	20°34	26° 8	13°33	12°56	27°23	n.a.	S 14
M15	0 47 35	10°39'27	11♒16	0♎27	7°52	8°42	22°33	26°54	1°15	20°35	26° 9	13°30	12°53	27°29	n.a.	M15
T 16	0 51 32	11°40'18	23°14	2° 2	9° 7	9°22	22°34	27° 0	1°17	20°36	26°11	13°25	12°50	27°36	n.a.	T 16
W17	0 55 29	12°41'10	5♓ 7	3°37	10°23	10° 2	22°35	27° 6	1°20	20°36	26°12	13°17	12°47	27°43	n.a.	W17
T 18	0 59 25	13°42'03	16°58	5°13	11°38	10°42	22°36	27°12	1°23	20°37	26°14	13° 6	12°44	27°50	n.a.	T 18
F 19	1 3 22	14°42'58	28°50	6°48	12°54	11°21	22°37	27°17	1°25	20°38	26°16	12°53	12°41	27°56	n.a.	F 19
S 20	1 7 18	15°43'53	10♈44	8°23	14°10	12° 1	22°37	27°23	1°28	20°38	26°17	12°38	12°37	28° 3	n.a.	S 20
S 21	1 11 15	16°44'50	22°42	9°58	15°25	12°41	22°R37	27°29	1°31	20°39	26°19	12°23	12°34	28°10	n.a.	S 21
M22	1 15 11	17°45'48	4♉44	11°32	16°41	13°21	22°37	27°34	1°34	20°39	26°21	12° 9	12°31	28°16	n.a.	M22
T 23	1 19 8	18°46'48	16°52	13° 7	17°57	14° 0	22°37	27°40	1°36	20°39	26°23	11°57	12°28	28°23	n.a.	T 23
W24	1 23 4	19°47'49	29° 7	14°42	19°12	14°40	22°36	27°45	1°39	20°40	26°24	11°48	12°25	28°30	n.a.	W24
T 25	1 27 1	20°48'51	11♊32	16°17	20°28	15°20	22°35	27°50	1°42	20°40	26°26	11°42	12°21	28°37	n.a.	T 25
F 26	1 30 58	21°49'54	24° 8	17°51	21°43	16° 0	22°34	27°56	1°45	20°41	26°28	11°38	12°18	28°43	n.a.	F 26
S 27	1 34 54	22°50'59	6♋59	19°26	22°59	16°40	22°33	28° 1	1°48	20°41	26°30	11°D37	12°15	28°50	n.a.	S 27
S 28	1 38 51	23°52'05	20° 9	21° 0	24°15	17°20	22°32	28° 6	1°51	20°41	26°32	11°R37	12°12	28°57	n.a.	S 28
M29	1 42 47	24°53'12	3♌41	22°34	25°30	18° 0	22°31	28°11	1°54	20°41	26°34	11°37	12° 9	29° 4	n.a.	M29
T 30	1 46 44	25°54'20	17°36	24° 9	26°46	18°40	22°29	28°16	1°57	20°42	26°35	11°35	12° 6	29°10	n.a.	T 30
W31	1 50 40	26♎55'30	1♍57	25♎43	28♎ 1	19♍20	22♊27	28♌21	2♐ 0	20♋42	26♏37	11♋31	12♋ 2	29♓17	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	1n25	22n26	0n51	10n20	2n 9	5n 9	1n19	12n57	1n11	23n40	0n 5	15n 8	2n 0	20s43	0s 4	22n41	0n25	16s32	3n 5	23n 0	23n 8	6s 8			n.a.
T 2	1 0	20 24	2 2	9 47	2 8	4 37	1 18	12 43	1 11	23 40	0 5	15 6	2 0	20 43	0 4	22 40	0 25	16 33	3 5	23 0	23 8	6 5			n.a.
W 3	0 36	16 59	3 8	9 12	2 7	4 6	1 17	12 29	1 11	23 41	0 5	15 4	2 0	20 43	0 4	22 40	0 25	16 33	3 5	23 1	23 8	6 3			n.a.
T 4	0 12	12 23	4 3	8 35	2 5	3 35	1 16	12 14	1 11	23 41	0 5	15 2	2 1	20 44	0 4	22 40	0 25	16 34	3 4	23 2	23 9	6 0			n.a.
F 5	0s13	6 56	4 41	7 57	2 2	3 3	1 14	12 0	1 11	23 42	0 5	14 59	2 1	20 44	0 4	22 40	0 25	16 34	3 4	23 3	23 9	5 58			n.a.
S 6	0 37	1 2	4 59	7 18	1 59	2 31	1 13	11 45	1 11	23 42	0 6	14 57	2 1	20 45	0 4	22 40	0 25	16 35	3 4	23 4	23 9	5 55			n.a.
S 7	1 2	4s53	4 56	6 38	1 55	2 0	1 12	11 31	1 11	23 42	0 6	14 55	2 1	20 45	0 4	22 40	0 25	16 35	3 4	23 5	23 10	5 53			n.a.
M 8	1 26	10 25	4 33	5 57	1 51	1 28	1 11	11 16	1 11	23 42	0 6	14 53	2 1	20 46	0 4	22 40	0 25	16 36	3 4	23 6	23 10	5 51			n.a.
T 9	1 51	15 13	3 52	5 16	1 46	0 56	1 9	11 1	1 11	23 43	0 6	14 51	2 1	20 46	0 4	22 40	0 25	16 36	3 4	23 7	23 10	5 48			n.a.
W10	2 15	19 0	2 58	4 34	1 42	0 24	1 8	10 46	1 10	23 43	0 6	14 49	2 1	20 47	0 4	22 39	0 25	16 37	3 3	23 8	23 10	5 46			n.a.
T 11	2 40	21 36	1 56	3 51	1 36	0s 8	1 6	10 31	1 10	23 43	0 6	14 47	2 2	20 47	0 4	22 39	0 25	16 37	3 3	23 8	23 11	5 43			n.a.
F 12	3 4	22 57	0 50	3 8	1 31	0 40	1 5	10 16	1 10	23 44	0 6	14 45	2 2	20 48	0 4	22 39	0 25	16 38	3 3	23 8	23 11	5 41			n.a.
S 13	3 29	23 3	0s17	2 24	1 25	1 12	1 3	10 1	1 10	23 44	0 7	14 43	2 2	20 48	0 4	22 39	0 25	16 38	3 3	23 8	23 11	5 38			n.a.
S 14	3 53	22 0	1 21	1 41	1 20	1 44	1 1	9 46	1 10	23 44	0 7	14 41	2 2	20 49	0 4	22 39	0 25	16 39	3 3	23 8	23 12	5 36			n.a.
M15	4 17	19 56	2 21	0 57	1 14	2 15	1 0	9 31	1 10	23 44	0 7	14 40	2 2	20 49	0 4	22 39	0 25	16 39	3 3	23 8	23 12	5 33			n.a.
T 16	4 41	17 2	3 13	0 13	1 8	2 47	0 58	9 16	1 10	23 45	0 7	14 38	2 3	20 50	0 4	22 39	0 25	16 40	3 2	23 9	23 12	5 31			n.a.
W17	5 6	13 26	3 56	0s32	1 1	3 19	0 56	9 0	1 10	23 45	0 7	14 36	2 3	20 50	0 4	22 39	0 26	16 40	3 2	23 10	23 13	5 28			n.a.
T 18	5 30	9 21	4 29	1 16	0 55	3 51	0 54	8 45	1 9	23 45	0 7	14 34	2 3	20 51	0 4	22 39	0 26	16 41	3 2	23 11	23 13	5 26			n.a.
F 19	5 54	4 54	4 50	2 0	0 49	4 22	0 52	8 29	1 9	23 45	0 8	14 32	2 3	20 52	0 4	22 39	0 26	16 41	3 2	23 12	23 13	5 23			n.a.
S 20	6 17	0 15	4 59	2 44	0 42	4 54	0 51	8 14	1 9	23 45	0 8	14 30	2 3	20 52	0 4	22 39	0 26	16 42	3 2	23 14	23 14	5 21			n.a.
S 21	6 41	4n25	4 54	3 28	0 36	5 25	0 49	7 58	1 9	23 45	0 8	14 29	2 4	20 53	0 4	22 39	0 26	16 43	3 2	23 15	23 14	5 18			n.a.
M22	7 5	8 58	4 37	4 11	0 29	5 57	0 47	7 43	1 9	23 46	0 8	14 27	2 4	20 53	0 4	22 39	0 26	16 43	3 1	23 16	23 14	5 16			n.a.
T 23	7 29	13 13	4 6	4 55	0 23	6 28	0 45	7 27	1 9	23 46	0 8	14 25	2 4	20 54	0 4	22 39	0 26	16 44	3 1	23 17	23 15	5 13			n.a.
W24	7 52	16 58	3 24	5 38	0 16	6 59	0 43	7 11	1 9	23 46	0 8	14 23	2 4	20 54	0 4	22 38	0 26	16 44	3 1	23 18	23 15	5 10			n.a.
T 25	8 15	20 2	2 32	6 22	0 9	7 30	0 41	6 55	1 8	23 46	0 9	14 22	2 4	20 55	0 4	22 38	0 26	16 45	3 1	23 19	23 15	5 8			n.a.
F 26	8 39	22 11	1 31	7 4	0 3	8 1	0 38	6 39	1 8	23 46	0 9	14 20	2 5	20 56	0 4	22 38	0 26	16 45	3 1	23 19	23 15	5 5			n.a.
S 27	9 2	23 14	0 24	7 47	0s 4	8 31	0 36	6 23	1 8	23 46	0 9	14 18	2 5	20 56	0 4	22 38	0 26	16 46	3 1	23 19	23 16	5 3			n.a.
S 28	9 25	23 2	0n45	8 29	0 10	9 1	0 34	6 7	1 8	23 46	0 9	14 17	2 5	20 57	0 4	22 38	0 26	16 47	3 1	23 19	23 16	5 0			n.a.
M29	9 48	21 30	1 54	9 11	0 17	9 32	0 32	5 51	1 8	23 46	0 9	14 15	2 5	20 58	0 4	22 38	0 26	16 47	3 0	23 19	23 16	4 58			n.a.
T 30	10 10	18 38	2 58	9 52	0 23	10 1	0 30	5 35	1 8	23 47	0 9	14 14	2 5	20 58	0 4	22 38	0 26	16 48	3 0	23 19	23 17	4 55			n.a.
W31	10s33	14n34	3n53	10s33	0s29	10s31	0n28	5n19	1n 7	23n47	0n10	14n12	2n 6	20s59	0s 5	22n38	0n26	16s48	3n 0	23n20	23n17	4s53			n.a.

Julian Day Number = 1282665.5, Delta T = 08h06m40s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'20, Lahiri = -20°32'20 Julian Calendar 1 Oct. 1202 BCE == Greg. Calendar 20 Sept. 1202 BCE

The year -1201 astronomical counting style corresponds to year 1202 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1202 BCE
geocentric

NOVEMBER 1202 BCE (-1201) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 54 37	27♎56'40	16♍40	27♎18	29♎17	20♍ 0	22°R25	28♌26	2♐ 3	20♋42	26♏39	11°R25	11♋59	29♓24	n.a.	T 1
F 2	1 58 33	28°57'52	1♎41	28°52	0♏33	20°40	22♊23	28°30	2° 6	20°42	26°41	11♋15	11°56	29°30	n.a.	F 2
S 3	2 2 30	29°59'04	16°51	0♏26	1°48	21°20	22°20	28°35	2° 9	20°42	26°43	11° 5	11°53	29°37	n.a.	S 3
S 4	2 6 27	1♏ 0'17	2♏ 0	2° 1	3° 4	22° 0	22°18	28°40	2°13	20°R42	26°45	10°54	11°50	29°44	n.a.	S 4
M 5	2 10 23	2° 1'32	16°57	3°36	4°19	22°40	22°15	28°44	2°16	20°42	26°47	10°44	11°47	29°51	n.a.	M 5
T 6	2 14 20	3° 2'46	1♐33	5°10	5°35	23°20	22°12	28°49	2°19	20°42	26°49	10°36	11°43	29°57	n.a.	T 6
W 7	2 18 16	4° 4'01	15°42	6°45	6°51	24° 1	22° 8	28°53	2°22	20°42	26°51	10°30	11°40	0♈ 4	n.a.	W 7
T 8	2 22 13	5° 5'17	29°22	8°20	8° 6	24°41	22° 5	28°57	2°25	20°42	26°53	10°28	11°37	0°11	n.a.	T 8
F 9	2 26 9	6° 6'33	12♑33	9°55	9°22	25°21	22° 1	29° 1	2°29	20°41	26°55	10°D27	11°34	0°17	n.a.	F 9
S 10	2 30 6	7° 7'49	25°19	11°30	10°37	26° 1	21°58	29° 6	2°32	20°41	26°57	10°28	11°31	0°24	n.a.	S 10
S 11	2 34 3	8° 9'05	7♒44	13° 5	11°53	26°41	21°54	29°10	2°35	20°41	26°59	10°R28	11°27	0°31	n.a.	S 11
M12	2 37 59	9°10'21	19°52	14°41	13° 8	27°21	21°49	29°14	2°39	20°41	27° 1	10°28	11°24	0°38	n.a.	M12
T 13	2 41 56	10°11'38	1♓50	16°17	14°24	28° 2	21°45	29°17	2°42	20°41	27° 3	10°25	11°21	0°44	n.a.	T 13
W14	2 45 52	11°12'54	13°42	17°52	15°39	28°42	21°41	29°21	2°45	20°40	27° 5	10°20	11°18	0°51	n.a.	W14
T 15	2 49 49	12°14'11	25°33	19°28	16°55	29°22	21°36	29°25	2°49	20°40	27° 7	10°12	11°15	0°58	n.a.	T 15
F 16	2 53 45	13°15'27	7♈25	21° 4	18°10	0♎ 2	21°31	29°28	2°52	20°39	27° 9	10° 3	11°12	1° 5	n.a.	F 16
S 17	2 57 42	14°16'44	19°23	22°41	19°26	0°43	21°26	29°32	2°56	20°39	27°11	9°52	11° 8	1°11	n.a.	S 17
S 18	3 1 38	15°18'00	1♉27	24°17	20°41	1°23	21°21	29°35	2°59	20°39	27°13	9°40	11° 5	1°18	n.a.	S 18
M19	3 5 35	16°19'17	13°39	25°53	21°57	2° 3	21°15	29°39	3° 3	20°38	27°15	9°30	11° 2	1°25	n.a.	M19
T 20	3 9 32	17°20'34	26° 0	27°30	23°12	2°44	21°10	29°42	3° 6	20°38	27°17	9°21	10°59	1°31	n.a.	T 20
W21	3 13 28	18°21'51	8♊31	29° 7	24°27	3°24	21° 4	29°45	3° 9	20°37	27°19	9°14	10°56	1°38	n.a.	W21
T 22	3 17 25	19°23'08	21°11	0♐43	25°43	4° 5	20°59	29°48	3°13	20°36	27°22	9°10	10°53	1°45	n.a.	T 22
F 23	3 21 21	20°24'25	4♋ 3	2°20	26°58	4°45	20°53	29°51	3°16	20°36	27°24	9°D 8	10°49	1°52	n.a.	F 23
S 24	3 25 18	21°25'42	17° 6	3°56	28°14	5°26	20°47	29°54	3°20	20°35	27°26	9° 8	10°46	1°58	n.a.	S 24
S 25	3 29 14	22°27'00	0♌24	5°32	29°29	6° 6	20°40	29°57	3°23	20°34	27°28	9°10	10°43	2° 5	n.a.	S 25
M26	3 33 11	23°28'18	13°57	7° 8	0♐44	6°46	20°34	29°59	3°27	20°34	27°30	9°11	10°40	2°12	n.a.	M26
T 27	3 37 7	24°29'35	27°46	8°44	2° 0	7°27	20°27	0♍ 2	3°31	20°33	27°32	9°R11	10°37	2°18	n.a.	T 27
W28	3 41 4	25°30'53	11♍53	10°18	3°15	8° 8	20°21	0° 4	3°34	20°32	27°34	9°10	10°33	2°25	n.a.	W28
T 29	3 45 1	26°32'10	26°17	11°52	4°30	8°48	20°14	0° 7	3°38	20°31	27°36	9° 7	10°30	2°32	n.a.	T 29
F 30	3 48 57	27♏33'28	10♎53	13♐25	5♐46	9♎29	20♊ 7	0♍ 9	3♐41	20♋31	27♏38	9♋ 2	10♋27	2♈39	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s55	9n33	4n34	11s14	0s36	11s 0	0n25	5n 3	1n 7	23n47	0n10	14n11	2n 6	20s59	0s 5	22n38	0n26	16s49	3n 0	23n20	23n17	4s50		n.a.
F 2	11 17	3 51	4 57	11 54	0 42	11 30	0 23	4 47	1 7	23 47	0 10	14 9	2 6	21 0	0 5	22 38	0 26	16 49	3 0	23 21	23 17	4 48		n.a.
S 3	11 39	2s 7	5 0	12 34	0 48	11 58	0 21	4 31	1 7	23 47	0 10	14 8	2 6	21 1	0 5	22 38	0 26	16 50	3 0	23 22	23 18	4 45		n.a.
S 4	12 1	7 58	4 42	13 13	0 54	12 27	0 18	4 14	1 6	23 47	0 10	14 6	2 7	21 1	0 5	22 38	0 26	16 51	3 0	23 23	23 18	4 43		n.a.
M 5	12 22	13 17	4 4	13 51	1 0	12 55	0 16	3 58	1 6	23 47	0 10	14 5	2 7	21 2	0 5	22 39	0 26	16 51	2 59	23 24	23 18	4 40		n.a.
T 6	12 44	17 42	3 11	14 29	1 5	13 23	0 14	3 42	1 6	23 47	0 11	14 4	2 7	21 3	0 5	22 39	0 26	16 52	2 59	23 24	23 19	4 38		n.a.
W 7	13 5	20 56	2 8	15 6	1 11	13 51	0 11	3 25	1 6	23 47	0 11	14 2	2 7	21 3	0 5	22 39	0 26	16 52	2 59	23 25	23 19	4 35		n.a.
T 8	13 26	22 51	0 59	15 43	1 16	14 18	0 9	3 9	1 6	23 47	0 11	14 1	2 7	21 4	0 5	22 39	0 26	16 53	2 59	23 25	23 19	4 32		n.a.
F 9	13 47	23 25	0s11	16 19	1 21	14 45	0 7	2 53	1 5	23 47	0 11	14 0	2 8	21 5	0 5	22 39	0 26	16 53	2 59	23 25	23 19	4 30		n.a.
S 10	14 7	22 43	1 18	16 54	1 26	15 11	0 4	2 36	1 5	23 46	0 11	13 58	2 8	21 5	0 5	22 39	0 26	16 54	2 59	23 25	23 20	4 27		n.a.
S 11	14 27	20 54	2 20	17 28	1 31	15 37	0 2	2 20	1 5	23 46	0 11	13 57	2 8	21 6	0 5	22 39	0 26	16 55	2 59	23 25	23 20	4 25		n.a.
M12	14 47	18 10	3 14	18 2	1 36	16 3	0s 0	2 3	1 5	23 46	0 12	13 56	2 8	21 7	0 5	22 39	0 26	16 55	2 59	23 25	23 20	4 22		n.a.
T 13	15 7	14 42	3 59	18 35	1 40	16 28	0 3	1 47	1 4	23 46	0 12	13 55	2 9	21 7	0 5	22 39	0 26	16 56	2 58	23 25	23 21	4 20		n.a.
W14	15 27	10 41	4 32	19 6	1 44	16 53	0 5	1 30	1 4	23 46	0 12	13 54	2 9	21 8	0 5	22 39	0 26	16 56	2 58	23 26	23 21	4 17		n.a.
T 15	15 46	6 17	4 55	19 37	1 48	17 17	0 7	1 14	1 4	23 46	0 12	13 53	2 9	21 9	0 5	22 39	0 26	16 57	2 58	23 26	23 21	4 14		n.a.
F 16	16 5	1 39	5 4	20 7	1 52	17 41	0 10	0 57	1 4	23 46	0 12	13 52	2 9	21 9	0 5	22 39	0 26	16 58	2 58	23 27	23 21	4 12		n.a.
S 17	16 23	3n 5	5 0	20 36	1 55	18 4	0 12	0 41	1 3	23 46	0 12	13 51	2 10	21 10	0 5	22 39	0 26	16 58	2 58	23 28	23 22	4 9		n.a.
S 18	16 42	7 45	4 43	21 3	1 58	18 27	0 15	0 24	1 3	23 46	0 13	13 50	2 10	21 11	0 5	22 39	0 26	16 59	2 58	23 29	23 22	4 7		n.a.
M19	17 0	12 11	4 13	21 30	2 1	18 50	0 17	0 7	1 3	23 45	0 13	13 49	2 10	21 11	0 5	22 39	0 26	16 59	2 58	23 29	23 22	4 4		n.a.
T 20	17 17	16 10	3 30	21 55	2 3	19 11	0 19	0s 9	1 2	23 45	0 13	13 48	2 10	21 12	0 5	22 40	0 26	17 0	2 58	23 30	23 22	4 2		n.a.
W21	17 35	19 30	2 37	22 19	2 5	19 33	0 22	0 26	1 2	23 45	0 13	13 47	2 11	21 13	0 5	22 40	0 26	17 1	2 57	23 31	23 23	3 59		n.a.
T 22	17 52	21 57	1 35	22 42	2 6	19 54	0 24	0 42	1 2	23 45	0 13	13 46	2 11	21 13	0 5	22 40	0 26	17 1	2 57	23 31	23 23	3 56		n.a.
F 23	18 9	23 19	0 27	23 3	2 7	20 14	0 26	0 59	1 1	23 44	0 13	13 45	2 11	21 14	0 5	22 40	0 27	17 2	2 57	23 31	23 23	3 54		n.a.
S 24	18 25	23 26	0n43	23 23	2 8	20 33	0 28	1 15	1 1	23 44	0 14	13 45	2 12	21 15	0 5	22 40	0 27	17 2	2 57	23 31	23 24	3 51		n.a.
S 25	18 41	22 14	1 52	23 41	2 8	20 52	0 31	1 32	1 1	23 44	0 14	13 44	2 12	21 16	0 5	22 40	0 27	17 3	2 57	23 31	23 24	3 49		n.a.
M26	18 57	19 44	2 57	23 58	2 8	21 11	0 33	1 49	1 1	23 44	0 14	13 43	2 12	21 16	0 5	22 40	0 27	17 3	2 57	23 31	23 24	3 46		n.a.
T 27	19 12	16 4	3 52	24 12	2 7	21 29	0 35	2 5	1 0	23 43	0 14	13 42	2 12	21 17	0 5	22 40	0 27	17 4	2 57	23 31	23 24	3 44		n.a.
W28	19 27	11 26	4 35	24 26	2 5	21 46	0 37	2 22	1 0	23 43	0 14	13 42	2 13	21 18	0 5	22 41	0 27	17 5	2 57	23 31	23 25	3 41		n.a.
T 29	19 42	6 6	5 2	24 37	2 3	22 3	0 40	2 38	0 59	23 43	0 15	13 41	2 13	21 18	0 5	22 41	0 27	17 5	2 57	23 31	23 25	3 38		n.a.
F 30	19s56	0n21	5n 9	24s46	2s 0	22s18	0s42	2s55	0n59	23n42	0n15	13n41	2n13	21s19	0s 5	22n41	0n27	17s 6	2n57	23n31	23n25	3s36		n.a.

Julian Day Number = 1282696.5, Delta T = 08h06m38s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'16, Lahiri = -20°32'16 Julian Calendar 1 Nov. 1202 BCE == Greg. Calendar 21 Oct. 1202 BCE

The year -1201 astronomical counting style corresponds to year 1202 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1202 BCE
geocentric

DECEMBER 1202 BCE (-1201) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 52 54	28♏34'46	25♎37	14♐57	7♐ 1	10♎ 9	20°R 0	0♍11	3♐45	20°R30	27♏40	8°R55	10♋24	2♈45	n.a.	S 1
S 2	3 56 50	29°36'03	10♏22	16°27	8°16	10°50	19♊53	0°13	3°48	20♋29	27°43	8♋49	10°21	2°52	n.a.	S 2
M 3	4 0 47	0♐37'20	25° 0	17°55	9°32	11°30	19°46	0°15	3°52	20°28	27°45	8°43	10°18	2°59	n.a.	M 3
T 4	4 4 43	1°38'36	9♐23	19°21	10°47	12°11	19°39	0°17	3°55	20°27	27°47	8°38	10°14	3° 6	n.a.	T 4
W 5	4 8 40	2°39'53	23°27	20°43	12° 2	12°52	19°31	0°19	3°59	20°26	27°49	8°35	10°11	3°12	n.a.	W 5
T 6	4 12 37	3°41'08	7♑ 6	22° 3	13°18	13°32	19°24	0°20	4° 3	20°25	27°51	8°D34	10° 8	3°19	n.a.	T 6
F 7	4 16 33	4°42'23	20°21	23°18	14°33	14°13	19°16	0°22	4° 6	20°24	27°53	8°35	10° 5	3°26	n.a.	F 7
S 8	4 20 30	5°43'36	3♒11	24°29	15°48	14°54	19° 9	0°23	4°10	20°23	27°55	8°36	10° 2	3°32	n.a.	S 8
S 9	4 24 26	6°44'49	15°41	25°35	17° 3	15°34	19° 1	0°25	4°13	20°22	27°57	8°38	9°59	3°39	n.a.	S 9
M10	4 28 23	7°46'01	27°55	26°34	18°19	16°15	18°53	0°26	4°17	20°21	27°59	8°40	9°55	3°46	n.a.	M10
T 11	4 32 19	8°47'12	9♓56	27°26	19°34	16°56	18°46	0°27	4°20	20°19	28° 2	8°R40	9°52	3°53	n.a.	T 11
W12	4 36 16	9°48'21	21°50	28°10	20°49	17°37	18°38	0°28	4°24	20°18	28° 4	8°39	9°49	3°59	n.a.	W12
T 13	4 40 12	10°49'30	3♈41	28°46	22° 4	18°17	18°30	0°29	4°28	20°17	28° 6	8°37	9°46	4° 6	n.a.	T 13
F 14	4 44 9	11°50'37	15°35	29°12	23°19	18°58	18°22	0°30	4°31	20°16	28° 8	8°34	9°43	4°13	n.a.	F 14
S 15	4 48 6	12°51'43	27°35	29°27	24°34	19°39	18°14	0°30	4°35	20°15	28°10	8°30	9°39	4°19	n.a.	S 15
S 16	4 52 2	13°52'48	9♉44	29°R32	25°49	20°20	18° 6	0°31	4°38	20°13	28°12	8°25	9°36	4°26	n.a.	S 16
M17	4 55 59	14°53'53	22° 5	29°25	27° 5	21° 1	17°58	0°31	4°42	20°12	28°14	8°21	9°33	4°33	n.a.	M17
T 18	4 59 55	15°54'55	4♊39	29° 7	28°20	21°41	17°50	0°32	4°45	20°11	28°16	8°18	9°30	4°40	n.a.	T 18
W19	5 3 52	16°55'57	17°27	28°37	29°35	22°22	17°42	0°32	4°49	20°10	28°18	8°15	9°27	4°46	n.a.	W19
T 20	5 7 48	17°56'58	0♋29	27°57	0♑50	23° 3	17°34	0°32	4°52	20° 8	28°20	8°14	9°24	4°53	n.a.	T 20
F 21	5 11 45	18°57'58	13°44	27° 6	2° 5	23°44	17°26	0°R32	4°56	20° 7	28°22	8°D14	9°20	5° 0	n.a.	F 21
S 22	5 15 42	19°58'57	27°12	26° 7	3°20	24°25	17°18	0°32	4°59	20° 5	28°24	8°15	9°17	5° 7	n.a.	S 22
S 23	5 19 38	20°59'54	10♌50	25° 2	4°35	25° 6	17°10	0°32	5° 3	20° 4	28°26	8°16	9°14	5°13	n.a.	S 23
M24	5 23 35	22° 0'51	24°39	23°51	5°50	25°47	17° 2	0°32	5° 6	20° 3	28°28	8°17	9°11	5°20	n.a.	M24
T 25	5 27 31	23° 1'47	8♍38	22°38	7° 5	26°28	16°54	0°31	5°10	20° 1	28°30	8°18	9° 8	5°27	n.a.	T 25
W26	5 31 28	24° 2'41	22°44	21°24	8°20	27° 9	16°46	0°31	5°13	20° 0	28°32	8°R19	9° 5	5°33	n.a.	W26
T 27	5 35 24	25° 3'35	6♎56	20°11	9°35	27°50	16°38	0°30	5°16	19°58	28°34	8°18	9° 1	5°40	n.a.	T 27
F 28	5 39 21	26° 4'27	21°12	19° 2	10°49	28°31	16°30	0°30	5°20	19°57	28°36	8°18	8°58	5°47	n.a.	F 28
S 29	5 43 17	27° 5'18	5♏29	17°58	12° 4	29°12	16°23	0°29	5°23	19°55	28°38	8°16	8°55	5°54	n.a.	S 29
S 30	5 47 14	28° 6'09	19°44	17° 0	13°19	29°53	16°15	0°28	5°27	19°54	28°40	8°15	8°52	6° 0	n.a.	S 30
M31	5 51 11	29♐ 6'58	3♐52	16♐ 9	14♑34	0♏34	16♊ 7	0♍27	5♐30	19♋52	28♏41	8♋14	8♋49	6♈ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s10	5s28	4n56	24s54	1s56	22s34	0s44	3s11	0n59	23n42	0n15	13n40	2n13	21s20	0s 5	22n41	0n27	17s 6	2n56	23n32	23n25	3s33		n.a.
S 2	20 24	11 0	4 24	24 59	1 52	22 48	0 46	3 28	0 58	23 42	0 15	13 40	2 14	21 20	0 5	22 41	0 27	17 7	2 56	23 32	23 26	3 31		n.a.
M 3	20 37	15 52	3 35	25 3	1 46	23 2	0 48	3 44	0 58	23 41	0 15	13 39	2 14	21 21	0 5	22 41	0 27	17 7	2 56	23 33	23 26	3 28		n.a.
T 4	20 50	19 43	2 32	25 4	1 40	23 16	0 50	4 1	0 58	23 41	0 15	13 39	2 14	21 22	0 5	22 42	0 27	17 8	2 56	23 33	23 26	3 25		n.a.
W 5	21 2	22 19	1 22	25 3	1 33	23 28	0 52	4 17	0 57	23 40	0 16	13 38	2 15	21 22	0 5	22 42	0 27	17 9	2 56	23 33	23 26	3 23		n.a.
T 6	21 14	23 31	0 8	25 1	1 25	23 40	0 54	4 34	0 57	23 40	0 16	13 38	2 15	21 23	0 5	22 42	0 27	17 9	2 56	23 33	23 27	3 20		n.a.
F 7	21 26	23 19	1s 4	24 56	1 16	23 51	0 56	4 50	0 56	23 40	0 16	13 38	2 15	21 24	0 5	22 42	0 27	17 10	2 56	23 33	23 27	3 17		n.a.
S 8	21 37	21 53	2 10	24 49	1 6	24 1	0 58	5 6	0 56	23 39	0 16	13 38	2 15	21 24	0 5	22 42	0 27	17 10	2 56	23 33	23 27	3 15		n.a.
S 9	21 48	19 24	3 9	24 40	0 55	24 11	1 0	5 23	0 56	23 39	0 16	13 37	2 16	21 25	0 5	22 42	0 27	17 11	2 56	23 33	23 27	3 12		n.a.
M10	21 58	16 6	3 58	24 30	0 42	24 20	1 1	5 39	0 55	23 38	0 16	13 37	2 16	21 26	0 5	22 43	0 27	17 11	2 56	23 33	23 28	3 10		n.a.
T 11	22 8	12 12	4 35	24 17	0 29	24 28	1 3	5 55	0 55	23 38	0 17	13 37	2 16	21 27	0 5	22 43	0 27	17 12	2 56	23 33	23 28	3 7		n.a.
W12	22 17	7 52	5 0	24 4	0 14	24 36	1 5	6 11	0 54	23 37	0 17	13 37	2 17	21 27	0 5	22 43	0 27	17 12	2 55	23 33	23 28	3 4		n.a.
T 13	22 26	3 16	5 12	23 48	0n 1	24 42	1 7	6 28	0 54	23 37	0 17	13 37	2 17	21 28	0 5	22 43	0 27	17 13	2 55	23 33	23 28	3 2		n.a.
F 14	22 35	1n28	5 11	23 32	0 18	24 48	1 8	6 44	0 53	23 36	0 17	13 37	2 17	21 29	0 5	22 43	0 27	17 14	2 55	23 33	23 28	2 59		n.a.
S 15	22 43	6 11	4 56	23 15	0 36	24 53	1 10	7 0	0 53	23 35	0 17	13 37	2 17	21 29	0 5	22 44	0 27	17 14	2 55	23 34	23 29	2 57		n.a.
S 16	22 51	10 44	4 28	22 56	0 54	24 58	1 11	7 16	0 52	23 35	0 17	13 37	2 18	21 30	0 5	22 44	0 27	17 15	2 55	23 34	23 29	2 54		n.a.
M17	22 58	14 56	3 47	22 38	1 12	25 1	1 13	7 32	0 52	23 34	0 17	13 37	2 18	21 31	0 5	22 44	0 27	17 15	2 55	23 34	23 29	2 51		n.a.
T 18	23 5	18 34	2 54	22 19	1 31	25 4	1 14	7 48	0 51	23 34	0 18	13 37	2 18	21 31	0 5	22 44	0 27	17 16	2 55	23 34	23 29	2 49		n.a.
W19	23 11	21 23	1 52	22 0	1 50	25 6	1 16	8 4	0 51	23 33	0 18	13 37	2 19	21 32	0 5	22 45	0 27	17 16	2 55	23 34	23 30	2 46		n.a.
T 20	23 17	23 8	0 43	21 41	2 9	25 7	1 17	8 20	0 51	23 33	0 18	13 37	2 19	21 33	0 5	22 45	0 27	17 17	2 55	23 35	23 30	2 43		n.a.
F 21	23 22	23 37	0n30	21 22	2 26	25 8	1 18	8 35	0 50	23 32	0 18	13 38	2 19	21 33	0 5	22 45	0 27	17 17	2 55	23 35	23 30	2 41		n.a.
S 22	23 27	22 45	1 43	21 4	2 43	25 7	1 20	8 51	0 49	23 31	0 18	13 38	2 19	21 34	0 5	22 45	0 27	17 18	2 55	23 35	23 30	2 38		n.a.
S 23	23 32	20 32	2 50	20 47	2 58	25 6	1 21	9 7	0 49	23 31	0 18	13 38	2 20	21 34	0 5	22 45	0 27	17 18	2 55	23 34	23 31	2 35		n.a.
M24	23 35	17 6	3 49	20 31	3 11	25 4	1 22	9 22	0 48	23 30	0 19	13 39	2 20	21 35	0 5	22 46	0 27	17 19	2 55	23 34	23 31	2 33		n.a.
T 25	23 39	12 42	4 35	20 16	3 22	25 1	1 23	9 38	0 48	23 29	0 19	13 39	2 20	21 36	0 5	22 46	0 27	17 19	2 55	23 34	23 31	2 30		n.a.
W26	23 42	7 35	5 5	20 3	3 30	24 58	1 24	9 53	0 47	23 29	0 19	13 39	2 21	21 36	0 5	22 46	0 27	17 20	2 55	23 34	23 31	2 28		n.a.
T 27	23 45	2 2	5 16	19 52	3 37	24 54	1 25	10 9	0 47	23 28	0 19	13 40	2 21	21 37	0 5	22 46	0 27	17 20	2 54	23 34	23 31	2 25		n.a.
F 28	23 47	3s39	5 8	19 43	3 40	24 49	1 26	10 24	0 46	23 27	0 19	13 40	2 21	21 38	0 5	22 47	0 27	17 21	2 54	23 34	23 32	2 22		n.a.
S 29	23 48	9 9	4 41	19 36	3 42	24 43	1 27	10 40	0 46	23 27	0 19	13 41	2 21	21 38	0 5	22 47	0 27	17 21	2 54	23 34	23 32	2 20		n.a.
S 30	23 49	14 9	3 57	19 31	3 41	24 36	1 27	10 55	0 45	23 26	0 19	13 42	2 22	21 39	0 5	22 47	0 27	17 22	2 54	23 35	23 32	2 17		n.a.
M31	23s50	18s21	2n59	19s29	3n39	24s29	1s28	11s10	0n44	23n25	0n20	13n42	2n22	21s40	0s 5	22n47	0n27	17s22	2n54	23n35	23n32	2s14		n.a.

Julian Day Number = 1282726.5, Delta T = 08h06m36s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'12, Lahiri = -20°32'12 Julian Calendar 1 Dec. 1202 BCE == Greg. Calendar 20 Nov. 1202 BCE

The year -1201 astronomical counting style corresponds to year 1202 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1201 BCE
geocentric

JANUARY 1201 BCE (-1200) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 55 7	0♉ 7'45	17♐49	15°R26	15♉49	1♏15	16°R 0	0°R26	5♐33	19°R51	28♏43	8°R13	8♋45	6♈14	n.a.	T 1
W 2	5 59 4	1° 8'32	1♉32	14♐51	17° 4	1°56	15♊52	0♍25	5°37	19♋49	28°45	8°D12	8°42	6°21	n.a.	W 2
T 3	6 3 0	2° 9'17	14°58	14°24	18°19	2°37	15°45	0°24	5°40	19°48	28°47	8♋12	8°39	6°27	n.a.	T 3
F 4	6 6 57	3°10'00	28° 5	14° 5	19°33	3°18	15°37	0°22	5°43	19°46	28°49	8°13	8°36	6°34	n.a.	F 4
S 5	6 10 53	4°10'41	10♒53	13°55	20°48	3°59	15°30	0°21	5°46	19°44	28°51	8°13	8°33	6°41	n.a.	S 5
S 6	6 14 50	5°11'21	23°24	13°D51	22° 3	4°40	15°23	0°19	5°50	19°43	28°52	8°14	8°30	6°47	n.a.	S 6
M 7	6 18 46	6°11'58	5♓39	13°55	23°18	5°21	15°16	0°17	5°53	19°41	28°54	8°14	8°26	6°54	n.a.	M 7
T 8	6 22 43	7°12'34	17°43	14° 6	24°32	6° 3	15° 9	0°16	5°56	19°40	28°56	8°14	8°23	7° 1	n.a.	T 8
W 9	6 26 40	8°13'08	29°39	14°22	25°47	6°44	15° 2	0°14	5°59	19°38	28°58	8°R14	8°20	7° 8	n.a.	W 9
T 10	6 30 36	9°13'39	11♈31	14°45	27° 2	7°25	14°55	0°12	6° 2	19°36	28°59	8°D14	8°17	7°14	n.a.	T 10
F 11	6 34 33	10°14'09	23°25	15°13	28°16	8° 6	14°48	0°10	6° 6	19°35	29° 1	8°14	8°14	7°21	n.a.	F 11
S 12	6 38 29	11°14'37	5♉26	15°46	29°31	8°47	14°42	0° 7	6° 9	19°33	29° 3	8°14	8°10	7°28	n.a.	S 12
S 13	6 42 26	12°15'02	17°36	16°23	0♒45	9°28	14°35	0° 5	6°12	19°31	29° 4	8°15	8° 7	7°35	n.a.	S 13
M14	6 46 22	13°15'26	0♊ 1	17° 5	2° 0	10° 9	14°29	0° 3	6°15	19°30	29° 6	8°15	8° 4	7°41	n.a.	M14
T 15	6 50 19	14°15'48	12°44	17°50	3°14	10°51	14°23	0° 0	6°18	19°28	29° 8	8°16	8° 1	7°48	n.a.	T 15
W16	6 54 15	15°16'07	25°45	18°40	4°29	11°32	14°17	29♌58	6°21	19°26	29° 9	8°16	7°58	7°55	n.a.	W16
T 17	6 58 12	16°16'25	9♋ 6	19°32	5°43	12°13	14°11	29°55	6°24	19°25	29°11	8°R16	7°55	8° 1	n.a.	T 17
F 18	7 2 9	17°16'41	22°45	20°28	6°58	12°54	14° 5	29°53	6°27	19°23	29°12	8°16	7°51	8° 8	n.a.	F 18
S 19	7 6 5	18°16'54	6♌40	21°26	8°12	13°35	14° 0	29°50	6°29	19°21	29°14	8°15	7°48	8°15	n.a.	S 19
S 20	7 10 2	19°17'06	20°48	22°28	9°26	14°17	13°54	29°47	6°32	19°20	29°15	8°14	7°45	8°22	n.a.	S 20
M21	7 13 58	20°17'16	5♍ 5	23°31	10°41	14°58	13°49	29°44	6°35	19°18	29°17	8°13	7°42	8°28	n.a.	M21
T 22	7 17 55	21°17'25	19°25	24°37	11°55	15°39	13°44	29°41	6°38	19°16	29°18	8°11	7°39	8°35	n.a.	T 22
W23	7 21 51	22°17'31	3♎44	25°46	13° 9	16°20	13°39	29°38	6°41	19°15	29°20	8°10	7°36	8°42	n.a.	W23
T 24	7 25 48	23°17'36	18° 0	26°56	14°23	17° 2	13°34	29°35	6°43	19°13	29°21	8°D 9	7°32	8°49	n.a.	T 24
F 25	7 29 44	24°17'39	2♏ 9	28° 8	15°37	17°43	13°30	29°31	6°46	19°11	29°23	8° 9	7°29	8°55	n.a.	F 25
S 26	7 33 41	25°17'41	16°10	29°22	16°52	18°24	13°25	29°28	6°49	19°10	29°24	8°10	7°26	9° 2	n.a.	S 26
S 27	7 37 38	26°17'40	0♐ 1	0♉38	18° 6	19° 6	13°21	29°25	6°51	19° 8	29°25	8°11	7°23	9° 9	n.a.	S 27
M28	7 41 34	27°17'38	13°41	1°56	19°20	19°47	13°17	29°21	6°54	19° 6	29°27	8°13	7°20	9°15	n.a.	M28
T 29	7 45 31	28°17'34	27° 9	3°15	20°34	20°28	13°13	29°18	6°57	19° 5	29°28	8°14	7°16	9°22	n.a.	T 29
W30	7 49 27	29°17'28	10♉26	4°35	21°48	21°10	13° 9	29°14	6°59	19° 3	29°29	8°R14	7°13	9°29	n.a.	W30
T 31	7 53 24	0♒17'21	23♉30	5♉58	23♒ 2	21♏51	13♊ 6	29♌10	7♐ 2	19♋ 2	29♏31	8♋13	7♋10	9♈36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23 s50	21 s26	1n51	19 s29	3n34	24 s21	1 s29	11 s25	0n44	23n25	0n20	13n43	2n22	21 s40	0 s 5	22n48	0n27	17 s22	2n54	23n35	23n33	2 s12			n.a.
W 2	23 50	23 13	0 37	19 31	3 28	24 12	1 29	11 40	0 43	23 24	0 20	13 43	2 22	21 41	0 5	22 48	0 27	17 23	2 54	23 35	23 33	2 9			n.a.
T 3	23 49	23 36	0 s37	19 35	3 21	24 2	1 30	11 55	0 43	23 23	0 20	13 44	2 23	21 41	0 5	22 48	0 27	17 23	2 54	23 35	23 33	2 6			n.a.
F 4	23 48	22 39	1 48	19 41	3 13	23 52	1 30	12 10	0 42	23 23	0 20	13 45	2 23	21 42	0 5	22 48	0 27	17 24	2 54	23 35	23 33	2 4			n.a.
S 5	23 46	20 32	2 51	19 48	3 4	23 41	1 30	12 25	0 41	23 22	0 20	13 46	2 23	21 43	0 5	22 49	0 27	17 24	2 54	23 35	23 33	2 1			n.a.
S 6	23 44	17 29	3 45	19 57	2 54	23 29	1 31	12 39	0 41	23 21	0 20	13 47	2 24	21 43	0 5	22 49	0 28	17 25	2 54	23 35	23 34	1 58			n.a.
M 7	23 41	13 43	4 27	20 8	2 44	23 17	1 31	12 54	0 40	23 21	0 20	13 47	2 24	21 44	0 5	22 49	0 28	17 25	2 54	23 35	23 34	1 56			n.a.
T 8	23 38	9 29	4 57	20 20	2 33	23 4	1 31	13 8	0 39	23 20	0 21	13 48	2 24	21 44	0 5	22 49	0 28	17 26	2 54	23 35	23 34	1 53			n.a.
W 9	23 35	4 55	5 14	20 33	2 23	22 50	1 31	13 23	0 39	23 19	0 21	13 49	2 24	21 45	0 5	22 50	0 28	17 26	2 54	23 35	23 34	1 50			n.a.
T 10	23 31	0 13	5 17	20 46	2 11	22 36	1 31	13 37	0 38	23 19	0 21	13 50	2 25	21 45	0 5	22 50	0 28	17 26	2 54	23 35	23 34	1 48			n.a.
F 11	23 26	4n31	5 6	21 1	2 0	22 20	1 31	13 51	0 37	23 18	0 21	13 51	2 25	21 46	0 5	22 50	0 28	17 27	2 54	23 35	23 35	1 45			n.a.
S 12	23 21	9 7	4 42	21 15	1 49	22 5	1 31	14 5	0 37	23 17	0 21	13 52	2 25	21 47	0 5	22 50	0 28	17 27	2 54	23 35	23 35	1 42			n.a.
S 13	23 16	13 26	4 5	21 30	1 38	21 48	1 31	14 19	0 36	23 17	0 21	13 53	2 25	21 47	0 5	22 51	0 28	17 28	2 54	23 35	23 35	1 40			n.a.
M14	23 10	17 17	3 17	21 46	1 27	21 31	1 31	14 33	0 35	23 16	0 21	13 54	2 26	21 48	0 5	22 51	0 28	17 28	2 54	23 34	23 35	1 37			n.a.
T 15	23 4	20 26	2 17	22 1	1 16	21 13	1 30	14 47	0 34	23 16	0 21	13 55	2 26	21 48	0 5	22 51	0 28	17 28	2 54	23 34	23 35	1 34			n.a.
W16	22 57	22 37	1 9	22 16	1 5	20 55	1 30	15 1	0 34	23 15	0 21	13 57	2 26	21 49	0 5	22 51	0 28	17 29	2 54	23 34	23 36	1 32			n.a.
T 17	22 50	23 36	0n 5	22 31	0 54	20 36	1 30	15 14	0 33	23 14	0 22	13 58	2 26	21 49	0 5	22 52	0 28	17 29	2 54	23 34	23 36	1 29			n.a.
F 18	22 42	23 11	1 19	22 46	0 44	20 17	1 29	15 28	0 32	23 14	0 22	13 59	2 27	21 50	0 5	22 52	0 28	17 30	2 54	23 34	23 36	1 26			n.a.
S 19	22 34	21 21	2 31	23 0	0 33	19 56	1 29	15 41	0 31	23 13	0 22	14 0	2 27	21 50	0 5	22 52	0 28	17 30	2 53	23 34	23 36	1 23			n.a.
S 20	22 25	18 10	3 34	23 14	0 23	19 36	1 28	15 54	0 31	23 13	0 22	14 1	2 27	21 51	0 5	22 52	0 28	17 30	2 53	23 35	23 36	1 21			n.a.
M21	22 17	13 54	4 25	23 27	0 13	19 15	1 27	16 7	0 30	23 12	0 22	14 3	2 27	21 51	0 5	22 53	0 28	17 31	2 53	23 35	23 37	1 18			n.a.
T 22	22 7	8 50	4 59	23 40	0 4	18 53	1 26	16 20	0 29	23 12	0 22	14 4	2 27	21 52	0 5	22 53	0 28	17 31	2 53	23 35	23 37	1 15			n.a.
W23	21 57	3 18	5 15	23 52	0 s 6	18 31	1 26	16 33	0 28	23 11	0 22	14 5	2 28	21 52	0 5	22 53	0 28	17 31	2 53	23 35	23 37	1 13			n.a.
T 24	21 47	2 s23	5 11	24 3	0 15	18 8	1 25	16 46	0 27	23 11	0 22	14 7	2 28	21 53	0 5	22 54	0 28	17 32	2 53	23 35	23 37	1 10			n.a.
F 25	21 37	7 54	4 49	24 13	0 23	17 45	1 24	16 58	0 26	23 10	0 22	14 8	2 28	21 53	0 5	22 54	0 28	17 32	2 53	23 35	23 37	1 7			n.a.
S 26	21 26	12 58	4 9	24 22	0 32	17 21	1 23	17 11	0 26	23 10	0 22	14 9	2 28	21 54	0 5	22 54	0 28	17 32	2 53	23 35	23 37	1 5			n.a.
S 27	21 15	17 18	3 16	24 30	0 40	16 57	1 21	17 23	0 25	23 9	0 23	14 11	2 29	21 54	0 5	22 54	0 28	17 33	2 53	23 35	23 38	1 2			n.a.
M28	21 3	20 39	2 11	24 37	0 48	16 32	1 20	17 36	0 24	23 9	0 23	14 12	2 29	21 55	0 5	22 55	0 28	17 33	2 53	23 35	23 38	0 59			n.a.
T 29	20 51	22 48	1 1	24 43	0 55	16 7	1 19	17 48	0 23	23 8	0 23	14 14	2 29	21 55	0 5	22 55	0 28	17 33	2 53	23 35	23 38	0 57			n.a.
W30	20 38	23 37	0 s12	24 48	1 2	15 42	1 18	18 0	0 22	23 8	0 23	14 15	2 29	21 56	0 5	22 55	0 28	17 33	2 53	23 35	23 38	0 54			n.a.
T 31	20 s25	23 s 7	1 s23	24 s51	1 s 9	15 s16	1 s16	18 s11	0n21	23n 8	0n23	14n17	2n29	21 s56	0 s 5	22n55	0n28	17 s34	2n53	23n35	23n38	0 s51			n.a.

Julian Day Number = 1282757.5, Delta T = 08h06m35s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'08, Lahiri = -20°32'07 Julian Calendar 1 Jan. 1201 BCE == Greg. Calendar 21 Dec. 1202 BCE

The year -1200 astronomical counting style corresponds to year 1201 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1201 BCE
geocentric

FEBRUARY 1201 BCE (-1200) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 57 20	1♒17'11	6♒20	7♉21	24♒16	22♏32	13°R 2	29°R 7	7♐ 4	19°R 0	29♏32	8°R12	7♋ 7	9♈42	n.a.	F 1
S 2	8 1 17	2°16'58	18°57	8°46	25°30	23°13	12♊59	29♌ 3	7° 6	18♋58	29°33	8♋ 8	7° 4	9°49	n.a.	S 2
S 3	8 5 13	3°16'44	1♓21	10°13	26°44	23°55	12°56	28°59	7° 9	18°57	29°34	8° 4	7° 1	9°56	n.a.	S 3
M 4	8 9 10	4°16'27	13°33	11°41	27°57	24°36	12°53	28°55	7°11	18°55	29°35	8° 0	6°57	10° 3	n.a.	M 4
T 5	8 13 7	5°16'08	25°36	13°10	29°11	25°17	12°51	28°51	7°13	18°53	29°36	7°55	6°54	10° 9	n.a.	T 5
W 6	8 17 3	6°15'47	7♈31	14°40	0♓25	25°59	12°48	28°47	7°16	18°52	29°37	7°51	6°51	10°16	n.a.	W 6
T 7	8 21 0	7°15'23	19°24	16°12	1°39	26°40	12°46	28°43	7°18	18°50	29°38	7°49	6°48	10°23	n.a.	T 7
F 8	8 24 56	8°14'57	1♉17	17°45	2°52	27°21	12°44	28°39	7°20	18°49	29°39	7°47	6°45	10°29	n.a.	F 8
S 9	8 28 53	9°14'28	13°15	19°19	4° 6	28° 2	12°42	28°35	7°22	18°47	29°40	7°D47	6°42	10°36	n.a.	S 9
S 10	8 32 49	10°13'57	25°24	20°55	5°20	28°44	12°40	28°30	7°24	18°46	29°41	7°48	6°38	10°43	n.a.	S 10
M11	8 36 46	11°13'23	7♊48	22°32	6°33	29°25	12°39	28°26	7°26	18°44	29°42	7°50	6°35	10°50	n.a.	M11
T 12	8 40 42	12°12'47	20°31	24°10	7°47	0♐ 6	12°38	28°22	7°28	18°43	29°43	7°51	6°32	10°56	n.a.	T 12
W13	8 44 39	13°12'09	3♋37	25°49	9° 0	0°48	12°37	28°18	7°30	18°41	29°44	7°R52	6°29	11° 3	n.a.	W13
T 14	8 48 35	14°11'29	17° 8	27°30	10°13	1°29	12°36	28°13	7°32	18°40	29°45	7°52	6°26	11°10	n.a.	T 14
F 15	8 52 32	15°10'46	1♌ 3	29°12	11°27	2°10	12°35	28° 9	7°34	18°38	29°46	7°50	6°22	11°16	n.a.	F 15
S 16	8 56 29	16°10'00	15°21	0♒55	12°40	2°51	12°34	28° 4	7°36	18°37	29°47	7°46	6°19	11°23	n.a.	S 16
S 17	9 0 25	17° 9'13	29°56	2°40	13°53	3°33	12°34	28° 0	7°38	18°35	29°47	7°41	6°16	11°30	n.a.	S 17
M18	9 4 22	18° 8'23	14♍41	4°26	15° 6	4°14	12°D34	27°56	7°39	18°34	29°48	7°35	6°13	11°37	n.a.	M18
T 19	9 8 18	19° 7'31	29°29	6°13	16°20	4°55	12°34	27°51	7°41	18°32	29°49	7°29	6°10	11°43	n.a.	T 19
W20	9 12 15	20° 6'37	14♎12	8° 2	17°33	5°36	12°34	27°47	7°43	18°31	29°50	7°23	6° 7	11°50	n.a.	W20
T 21	9 16 11	21° 5'42	28°43	9°52	18°46	6°18	12°35	27°42	7°44	18°30	29°50	7°19	6° 3	11°57	n.a.	T 21
F 22	9 20 8	22° 4'44	12♏58	11°44	19°59	6°59	12°35	27°37	7°46	18°28	29°51	7°17	6° 0	12° 4	n.a.	F 22
S 23	9 24 4	23° 3'45	26°56	13°37	21°12	7°40	12°36	27°33	7°47	18°27	29°51	7°D17	5°57	12°10	n.a.	S 23
S 24	9 28 1	24° 2'44	10♐36	15°31	22°25	8°21	12°37	27°28	7°49	18°26	29°52	7°18	5°54	12°17	n.a.	S 24
M25	9 31 58	25° 1'41	23°58	17°27	23°37	9° 2	12°38	27°24	7°50	18°24	29°53	7°19	5°51	12°24	n.a.	M25
T 26	9 35 54	26° 0'36	7♉ 6	19°24	24°50	9°44	12°40	27°19	7°52	18°23	29°53	7°R20	5°48	12°30	n.a.	T 26
W27	9 39 51	26°59'29	20° 0	21°22	26° 3	10°25	12°41	27°15	7°53	18°22	29°53	7°19	5°44	12°37	n.a.	W27
T 28	9 43 47	27°58'20	2♒42	23°21	27°16	11° 6	12°43	27°10	7°54	18°21	29°54	7°16	5°41	12°44	n.a.	T 28
F 29	9 47 44	28♒57'09	15♒14	25♒22	28♓28	11♐47	12♊45	27♌ 5	7♐55	18♋20	29♏54	7♋11	5♋38	12♈51	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s12	21s24	2s28	24s53	1s16	14s50	1s15	18s23	0n20	23n 7	0n23	14n18	2n29	21s56	0s 5	22n55	0n28	17s34	2n53	23n35	23n39	0s48		n.a.
S 2	19 59	18 38	3 25	24 54	1 22	14 23	1 13	18 35	0 19	23 7	0 23	14 20	2 30	21 57	0 5	22 56	0 28	17 34	2 53	23 35	23 39	0 46		n.a.
S 3	19 45	15 4	4 11	24 54	1 28	13 56	1 12	18 46	0 18	23 7	0 23	14 21	2 30	21 57	0 5	22 56	0 28	17 35	2 53	23 35	23 39	0 43		n.a.
M 4	19 31	10 56	4 45	24 52	1 33	13 28	1 10	18 57	0 17	23 6	0 23	14 23	2 30	21 58	0 5	22 56	0 28	17 35	2 53	23 35	23 39	0 40		n.a.
T 5	19 16	6 26	5 6	24 48	1 39	13 1	1 8	19 8	0 16	23 6	0 23	14 24	2 30	21 58	0 5	22 56	0 28	17 35	2 53	23 36	23 39	0 38		n.a.
W 6	19 1	1 45	5 13	24 44	1 43	12 33	1 7	19 19	0 15	23 6	0 23	14 26	2 30	21 58	0 5	22 57	0 28	17 35	2 53	23 36	23 39	0 35		n.a.
T 7	18 46	3n 0	5 7	24 37	1 48	12 4	1 5	19 30	0 14	23 6	0 23	14 28	2 30	21 59	0 5	22 57	0 28	17 36	2 53	23 36	23 40	0 32		n.a.
F 8	18 30	7 38	4 47	24 29	1 52	11 36	1 3	19 41	0 13	23 5	0 23	14 29	2 31	21 59	0 5	22 57	0 28	17 36	2 53	23 36	23 40	0 29		n.a.
S 9	18 14	12 2	4 15	24 19	1 55	11 7	1 1	19 51	0 12	23 5	0 24	14 31	2 31	22 0	0 5	22 57	0 28	17 36	2 53	23 36	23 40	0 27		n.a.
S 10	17 58	16 1	3 31	24 8	1 58	10 37	0 59	20 1	0 11	23 5	0 24	14 32	2 31	22 0	0 6	22 58	0 28	17 36	2 53	23 36	23 40	0 24		n.a.
M11	17 42	19 24	2 37	23 55	2 1	10 8	0 57	20 12	0 10	23 5	0 24	14 34	2 31	22 0	0 6	22 58	0 28	17 36	2 53	23 36	23 40	0 21		n.a.
T 12	17 25	21 56	1 33	23 40	2 4	9 38	0 55	20 22	0 9	23 5	0 24	14 36	2 31	22 1	0 6	22 58	0 28	17 37	2 53	23 36	23 40	0 19		n.a.
W13	17 8	23 24	0 23	23 23	2 5	9 8	0 53	20 31	0 8	23 5	0 24	14 37	2 31	22 1	0 6	22 58	0 28	17 37	2 53	23 36	23 41	0 16		n.a.
T 14	16 51	23 33	0n50	23 5	2 7	8 38	0 50	20 41	0 7	23 5	0 24	14 39	2 31	22 1	0 6	22 58	0 28	17 37	2 53	23 36	23 41	0 13		n.a.
F 15	16 33	22 15	2 3	22 44	2 8	8 8	0 48	20 51	0 6	23 5	0 24	14 41	2 32	22 2	0 6	22 59	0 28	17 37	2 53	23 36	23 41	0 10		n.a.
S 16	16 15	19 31	3 9	22 22	2 8	7 37	0 46	21 0	0 5	23 5	0 24	14 42	2 32	22 2	0 6	22 59	0 28	17 37	2 53	23 36	23 41	0 8		n.a.
S 17	15 57	15 30	4 5	21 58	2 9	7 6	0 43	21 9	0 4	23 5	0 24	14 44	2 32	22 2	0 6	22 59	0 28	17 38	2 53	23 37	23 41	0 5		n.a.
M18	15 39	10 30	4 45	21 33	2 8	6 35	0 41	21 18	0 3	23 5	0 24	14 46	2 32	22 3	0 6	22 59	0 28	17 38	2 53	23 37	23 41	0 2		n.a.
T 19	15 20	4 52	5 6	21 5	2 7	6 4	0 39	21 27	0 1	23 5	0 24	14 47	2 32	22 3	0 6	23 0	0 28	17 38	2 53	23 37	23 41	0n 0		n.a.
W20	15 1	0s59	5 7	20 35	2 6	5 33	0 36	21 36	0 0	23 5	0 24	14 49	2 32	22 3	0 6	23 0	0 28	17 38	2 53	23 38	23 42	0 3		n.a.
T 21	14 42	6 43	4 48	20 3	2 4	5 2	0 33	21 44	0s 1	23 5	0 24	14 51	2 32	22 3	0 6	23 0	0 28	17 38	2 53	23 38	23 42	0 6		n.a.
F 22	14 23	12 0	4 11	19 30	2 2	4 30	0 31	21 52	0 2	23 5	0 24	14 52	2 32	22 4	0 6	23 0	0 28	17 38	2 53	23 38	23 42	0 9		n.a.
S 23	14 3	16 33	3 21	18 54	1 59	3 59	0 28	22 0	0 3	23 5	0 24	14 54	2 32	22 4	0 6	23 0	0 28	17 39	2 53	23 38	23 42	0 11		n.a.
S 24	13 44	20 7	2 19	18 17	1 55	3 27	0 26	22 8	0 5	23 5	0 24	14 56	2 32	22 4	0 6	23 0	0 28	17 39	2 53	23 38	23 42	0 14		n.a.
M25	13 24	22 30	1 11	17 37	1 51	2 55	0 23	22 16	0 6	23 6	0 25	14 57	2 32	22 4	0 6	23 1	0 28	17 39	2 53	23 38	23 42	0 17		n.a.
T 26	13 3	23 37	0 1	16 56	1 46	2 23	0 20	22 24	0 7	23 6	0 25	14 59	2 33	22 5	0 6	23 1	0 28	17 39	2 53	23 38	23 42	0 20		n.a.
W27	12 43	23 26	1s 8	16 13	1 41	1 51	0 17	22 31	0 8	23 6	0 25	15 1	2 33	22 5	0 6	23 1	0 28	17 39	2 53	23 38	23 43	0 22		n.a.
T 28	12 23	22 1	2 12	15 27	1 35	1 20	0 14	22 38	0 10	23 6	0 25	15 2	2 33	22 5	0 6	23 1	0 28	17 39	2 53	23 38	23 43	0 25		n.a.
F 29	12s 2	19s32	3s 9	14s40	1s29	0s48	0s12	22s45	0s11	23n 7	0n25	15n 4	2n33	22s 5	0s 6	23n 1	0n28	17s39	2n53	23n38	23n43	0n28		n.a.

Julian Day Number = 1282788.5, Delta T = 08h06m33s
Ecliptic obliquity = 23°50'13, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'04, Lahiri = -20°32'03 Julian Calendar 1 Feb. 1201 BCE == Greg. Calendar 21 Jan. 1201 BCE

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ASTRODIENST EPHEMERIS for the year 1201 BCE
geocentric

MARCH 1201 BCE (-1200) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 51 40	29♒55'56	27♒36	27♒24	29♓41	12♐28	12♊47	27°R 1	7♐57	18°R18	29♏55	7°R 3	5♋35	12♈57	n.a.	S 1
S 2	9 55 37	0♓54'41	9♓49	29°27	0♈53	13° 9	12°49	26♌56	7°58	18♋17	29°55	6♋53	5°32	13° 4	n.a.	S 2
M 3	9 59 33	1°53'23	21°54	1♓32	2° 6	13°50	12°52	26°52	7°59	18°16	29°55	6°43	5°28	13°11	n.a.	M 3
T 4	10 3 30	2°52'04	3♈53	3°36	3°18	14°31	12°54	26°47	8° 0	18°15	29°56	6°32	5°25	13°18	n.a.	T 4
W 5	10 7 26	3°50'42	15°46	5°42	4°31	15°12	12°57	26°42	8° 1	18°14	29°56	6°22	5°22	13°24	n.a.	W 5
T 6	10 11 23	4°49'18	27°37	7°48	5°43	15°53	13° 0	26°38	8° 2	18°13	29°56	6°14	5°19	13°31	n.a.	T 6
F 7	10 15 20	5°47'52	9♉29	9°55	6°55	16°34	13° 3	26°33	8° 3	18°12	29°56	6° 8	5°16	13°38	n.a.	F 7
S 8	10 19 16	6°46'23	21°26	12° 1	8° 7	17°15	13° 7	26°29	8° 3	18°11	29°56	6° 5	5°13	13°44	n.a.	S 8
S 9	10 23 13	7°44'52	3♊32	14° 7	9°19	17°56	13°10	26°24	8° 4	18°10	29°57	6°D 4	5° 9	13°51	n.a.	S 9
M10	10 27 9	8°43'19	15°52	16°13	10°31	18°37	13°14	26°20	8° 5	18° 9	29°57	6° 4	5° 6	13°58	n.a.	M10
T 11	10 31 6	9°41'44	28°31	18°18	11°43	19°18	13°18	26°16	8° 5	18° 8	29°57	6° 4	5° 3	14° 5	n.a.	T 11
W12	10 35 2	10°40'06	11♋35	20°22	12°55	19°59	13°22	26°11	8° 6	18° 7	29°57	6°R 4	5° 0	14°11	n.a.	W12
T 13	10 38 59	11°38'26	25° 6	22°24	14° 7	20°40	13°26	26° 7	8° 7	18° 6	29°R57	6° 3	4°57	14°18	n.a.	T 13
F 14	10 42 55	12°36'44	9♌ 5	24°24	15°19	21°20	13°30	26° 3	8° 7	18° 6	29°57	5°59	4°54	14°25	n.a.	F 14
S 15	10 46 52	13°35'00	23°32	26°23	16°30	22° 1	13°35	25°58	8° 8	18° 5	29°57	5°53	4°50	14°31	n.a.	S 15
S 16	10 50 48	14°33'14	8♍23	28°19	17°42	22°42	13°40	25°54	8° 8	18° 4	29°57	5°44	4°47	14°38	n.a.	S 16
M17	10 54 45	15°31'25	23°28	0♈12	18°53	23°22	13°45	25°50	8° 8	18° 3	29°57	5°35	4°44	14°45	n.a.	M17
T 18	10 58 42	16°29'35	8♎39	2° 2	20° 5	24° 3	13°50	25°46	8° 9	18° 2	29°56	5°24	4°41	14°52	n.a.	T 18
W19	11 2 38	17°27'43	23°44	3°49	21°16	24°44	13°55	25°42	8° 9	18° 2	29°56	5°15	4°38	14°58	n.a.	W19
T 20	11 6 35	18°25'50	8♏35	5°33	22°27	25°24	14° 0	25°38	8° 9	18° 1	29°56	5° 8	4°34	15° 5	n.a.	T 20
F 21	11 10 31	19°23'55	23° 5	7°13	23°39	26° 5	14° 6	25°34	8° 9	18° 0	29°56	5° 4	4°31	15°12	n.a.	F 21
S 22	11 14 28	20°21'58	7♐10	8°50	24°50	26°45	14°11	25°30	8°10	18° 0	29°55	5° 1	4°28	15°19	n.a.	S 22
S 23	11 18 24	21°20'00	20°51	10°22	26° 1	27°26	14°17	25°26	8°10	17°59	29°55	5°D 1	4°25	15°25	n.a.	S 23
M24	11 22 21	22°18'00	4♑ 8	11°51	27°12	28° 6	14°23	25°22	8°R10	17°59	29°55	5°R 1	4°22	15°32	n.a.	M24
T 25	11 26 17	23°15'59	17° 6	13°15	28°23	28°47	14°29	25°18	8°10	17°58	29°55	5° 0	4°19	15°39	n.a.	T 25
W26	11 30 14	24°13'57	29°47	14°35	29°33	29°27	14°35	25°14	8°10	17°58	29°54	4°58	4°15	15°45	n.a.	W26
T 27	11 34 11	25°11'53	12♒14	15°51	0♉44	0♑ 7	14°42	25°11	8° 9	17°57	29°54	4°54	4°12	15°52	n.a.	T 27
F 28	11 38 7	26° 9'47	24°32	17° 3	1°55	0°47	14°48	25° 7	8° 9	17°57	29°53	4°46	4° 9	15°59	n.a.	F 28
S 29	11 42 4	27° 7'40	6♓41	18°10	3° 5	1°27	14°55	25° 3	8° 9	17°57	29°53	4°36	4° 6	16° 6	n.a.	S 29
S 30	11 46 0	28° 5'31	18°44	19°13	4°16	2° 8	15° 2	25° 0	8° 9	17°56	29°52	4°23	4° 3	16°12	n.a.	S 30
M31	11 49 57	29♓ 3'21	0♈41	20♈11	5♉26	2♑48	15♊ 9	24♌57	8♐ 8	17♋56	29♏52	4♋10	3♋59	16♈19	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s41	16s11	3s56	13s52	1s22	0s16	0s 9	22s52	0s12	23n 7	0n25	15n 6	2n33	22s 6	0s 6	23n 1	0n28	17s39	2n53	23n39	23n43	0n31		n.a.
S 2	11 20	12 12	4 32	13 1	1 15	0n16	0 6	22 59	0 14	23 7	0 25	15 7	2 33	22 6	0 6	23 2	0 28	17 39	2 53	23 39	23 43	0 33		n.a.
M 3	10 59	7 45	4 55	12 9	1 7	0 48	0 3	23 5	0 15	23 8	0 25	15 9	2 33	22 6	0 6	23 2	0 28	17 39	2 53	23 40	23 43	0 36		n.a.
T 4	10 37	3 4	5 4	11 15	0 59	1 20	0n 0	23 11	0 16	23 8	0 25	15 11	2 33	22 6	0 6	23 2	0 28	17 40	2 53	23 40	23 43	0 39		n.a.
W 5	10 16	1n42	5 0	10 20	0 50	1 52	0 3	23 18	0 18	23 9	0 25	15 12	2 33	22 6	0 6	23 2	0 28	17 40	2 53	23 41	23 44	0 42		n.a.
T 6	9 54	6 23	4 44	9 24	0 40	2 24	0 6	23 23	0 19	23 9	0 25	15 14	2 33	22 6	0 6	23 2	0 28	17 40	2 53	23 41	23 44	0 44		n.a.
F 7	9 32	10 52	4 15	8 27	0 30	2 56	0 9	23 29	0 20	23 9	0 25	15 15	2 33	22 7	0 6	23 2	0 28	17 40	2 53	23 42	23 44	0 47		n.a.
S 8	9 10	14 58	3 35	7 29	0 20	3 28	0 12	23 35	0 22	23 10	0 25	15 17	2 33	22 7	0 6	23 3	0 28	17 40	2 53	23 42	23 44	0 50		n.a.
S 9	8 48	18 31	2 45	6 30	0 10	3 59	0 15	23 40	0 23	23 10	0 25	15 19	2 33	22 7	0 6	23 3	0 28	17 40	2 53	23 42	23 44	0 53		n.a.
M10	8 26	21 19	1 46	5 30	0n 1	4 31	0 19	23 45	0 25	23 11	0 25	15 20	2 33	22 7	0 6	23 3	0 28	17 40	2 53	23 42	23 44	0 55		n.a.
T 11	8 4	23 10	0 40	4 31	0 12	5 2	0 22	23 50	0 26	23 12	0 25	15 22	2 33	22 7	0 6	23 3	0 28	17 40	2 53	23 42	23 44	0 58		n.a.
W12	7 41	23 49	0n29	3 31	0 24	5 34	0 25	23 55	0 28	23 12	0 25	15 23	2 33	22 7	0 6	23 3	0 28	17 40	2 53	23 42	23 44	1 1		n.a.
T 13	7 19	23 6	1 39	2 32	0 35	6 5	0 28	23 59	0 29	23 13	0 25	15 25	2 33	22 7	0 6	23 3	0 28	17 40	2 53	23 42	23 45	1 4		n.a.
F 14	6 56	20 57	2 46	1 33	0 46	6 36	0 31	24 3	0 31	23 13	0 25	15 26	2 33	22 7	0 6	23 3	0 28	17 40	2 53	23 42	23 45	1 6		n.a.
S 15	6 34	17 25	3 44	0 35	0 57	7 7	0 34	24 8	0 32	23 14	0 25	15 28	2 33	22 8	0 6	23 3	0 28	17 40	2 53	23 42	23 45	1 9		n.a.
S 16	6 11	12 42	4 29	0n22	1 8	7 38	0 37	24 12	0 34	23 14	0 26	15 29	2 33	22 8	0 6	23 4	0 28	17 40	2 53	23 43	23 45	1 12		n.a.
M17	5 48	7 8	4 55	1 17	1 19	8 8	0 40	24 15	0 35	23 15	0 26	15 30	2 33	22 8	0 6	23 4	0 28	17 40	2 53	23 43	23 45	1 15		n.a.
T 18	5 25	1 7	5 1	2 11	1 30	8 39	0 44	24 19	0 37	23 16	0 26	15 32	2 33	22 8	0 6	23 4	0 28	17 40	2 53	23 43	23 45	1 17		n.a.
W19	5 2	4s56	4 46	3 4	1 40	9 9	0 47	24 22	0 38	23 16	0 26	15 33	2 32	22 8	0 6	23 4	0 28	17 40	2 53	23 44	23 45	1 20		n.a.
T 20	4 39	10 37	4 12	3 54	1 49	9 39	0 50	24 25	0 40	23 17	0 26	15 34	2 32	22 8	0 6	23 4	0 28	17 40	2 53	23 44	23 45	1 23		n.a.
F 21	4 16	15 35	3 23	4 43	1 58	10 9	0 53	24 28	0 42	23 18	0 26	15 36	2 32	22 8	0 6	23 4	0 28	17 40	2 53	23 44	23 46	1 26		n.a.
S 22	3 53	19 32	2 22	5 30	2 7	10 38	0 56	24 31	0 43	23 19	0 26	15 37	2 32	22 8	0 6	23 4	0 28	17 40	2 53	23 44	23 46	1 28		n.a.
S 23	3 29	22 17	1 14	6 14	2 15	11 8	0 59	24 34	0 45	23 19	0 26	15 38	2 32	22 8	0 6	23 4	0 28	17 40	2 53	23 44	23 46	1 31		n.a.
M24	3 6	23 42	0 5	6 56	2 22	11 37	1 2	24 36	0 46	23 20	0 26	15 40	2 32	22 8	0 6	23 4	0 28	17 40	2 53	23 44	23 46	1 34		n.a.
T 25	2 43	23 46	1s 4	7 35	2 29	12 5	1 5	24 38	0 48	23 21	0 26	15 41	2 32	22 8	0 6	23 4	0 28	17 40	2 53	23 44	23 46	1 37		n.a.
W26	2 20	22 36	2 7	8 12	2 34	12 34	1 8	24 40	0 50	23 22	0 26	15 42	2 32	22 8	0 6	23 4	0 28	17 39	2 53	23 45	23 46	1 39		n.a.
T 27	1 56	20 20	3 3	8 47	2 39	13 2	1 11	24 42	0 52	23 22	0 26	15 43	2 32	22 8	0 6	23 4	0 28	17 39	2 53	23 45	23 46	1 42		n.a.
F 28	1 33	17 10	3 50	9 19	2 43	13 30	1 14	24 43	0 53	23 23	0 26	15 44	2 32	22 8	0 6	23 4	0 28	17 39	2 52	23 45	23 46	1 45		n.a.
S 29	1 10	13 18	4 25	9 48	2 47	13 57	1 17	24 45	0 55	23 24	0 26	15 46	2 32	22 8	0 6	23 4	0 28	17 39	2 52	23 45	23 46	1 48		n.a.
S 30	0 46	8 56	4 49	10 15	2 49	14 25	1 20	24 46	0 57	23 25	0 26	15 47	2 32	22 8	0 6	23 5	0 28	17 39	2 52	23 46	23 46	1 51		n.a.
M31	0s23	4s17	4s59	10n38	2n51	14n52	1n23	24s47	0s59	23n26	0n26	15n48	2n31	22s 8	0s 6	23n 5	0n28	17s39	2n52	23n46	23n47	1n53		n.a.

Julian Day Number = 1282817.5, Delta T = 08h06m31s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°39'00, Lahiri = -20°31'59 Julian Calendar 1 March 1201 BCE == Greg. Calendar 19 Feb. 1201 BCE

The year -1200 astronomical counting style corresponds to year 1201 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1201 BCE
geocentric

APRIL 1201 BCE (-1200) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 53 53	0♈ 1'09	12♈35	21♈ 4	6♉37	3♊27	15♊16	24°R53	8°R 8	17°R56	29°R51	3°R56	3♋56	16♈26	n.a.	T 1
W 2	11 57 50	0°58'55	24°27	21°53	7°47	4° 7	15°23	24♌50	8♐ 8	17♋55	29♏51	3♋42	3°53	16°32	n.a.	W 2
T 3	12 1 46	1°56'40	6♉18	22°37	8°57	4°47	15°30	24°47	8° 7	17°55	29°50	3°31	3°50	16°39	n.a.	T 3
F 4	12 5 43	2°54'23	18°10	23°17	10° 7	5°27	15°38	24°44	8° 7	17°55	29°49	3°23	3°47	16°46	n.a.	F 4
S 5	12 9 39	3°52'05	0♊ 8	23°51	11°17	6° 7	15°45	24°41	8° 6	17°55	29°49	3°17	3°44	16°53	n.a.	S 5
S 6	12 13 36	4°49'45	12°13	24°21	12°27	6°46	15°53	24°38	8° 5	17°55	29°48	3°14	3°40	16°59	n.a.	S 6
M 7	12 17 33	5°47'23	24°32	24°45	13°37	7°26	16° 1	24°35	8° 5	17°55	29°47	3°13	3°37	17° 6	n.a.	M 7
T 8	12 21 29	6°44'59	7♋ 8	25° 5	14°46	8° 5	16° 9	24°32	8° 4	17°55	29°47	3°13	3°34	17°13	n.a.	T 8
W 9	12 25 26	7°42'34	20° 7	25°20	15°56	8°44	16°17	24°29	8° 3	17°D54	29°46	3°13	3°31	17°19	n.a.	W 9
T 10	12 29 22	8°40'07	3♌32	25°29	17° 5	9°24	16°25	24°26	8° 2	17°54	29°45	3°11	3°28	17°26	n.a.	T 10
F 11	12 33 19	9°37'39	17°27	25°34	18°15	10° 3	16°34	24°24	8° 2	17°55	29°44	3° 7	3°25	17°33	n.a.	F 11
S 12	12 37 15	10°35'08	1♍51	25°R35	19°24	10°42	16°42	24°21	8° 1	17°55	29°44	3° 1	3°21	17°40	n.a.	S 12
S 13	12 41 12	11°32'37	16°41	25°30	20°33	11°21	16°51	24°19	8° 0	17°55	29°43	2°52	3°18	17°46	n.a.	S 13
M14	12 45 8	12°30'04	1♎51	25°21	21°42	12° 0	16°59	24°17	7°59	17°55	29°42	2°42	3°15	17°53	n.a.	M14
T 15	12 49 5	13°27'29	17°11	25° 8	22°51	12°39	17° 8	24°14	7°58	17°55	29°41	2°32	3°12	18° 0	n.a.	T 15
W16	12 53 2	14°24'54	2♏28	24°51	23°59	13°17	17°17	24°12	7°57	17°55	29°40	2°22	3° 9	18° 7	n.a.	W16
T 17	12 56 58	15°22'17	17°33	24°30	25° 8	13°56	17°26	24°10	7°55	17°55	29°39	2°14	3° 5	18°13	n.a.	T 17
F 18	13 0 55	16°19'40	2♐16	24° 6	26°17	14°35	17°35	24° 8	7°54	17°56	29°38	2° 9	3° 2	18°20	n.a.	F 18
S 19	13 4 51	17°17'02	16°33	23°38	27°25	15°13	17°44	24° 6	7°53	17°56	29°37	2° 6	2°59	18°27	n.a.	S 19
S 20	13 8 48	18°14'23	0♑21	23° 9	28°33	15°51	17°54	24° 5	7°52	17°56	29°36	2°D 6	2°56	18°33	n.a.	S 20
M21	13 12 44	19°11'43	13°42	22°38	29°41	16°30	18° 3	24° 3	7°51	17°57	29°35	2°R 6	2°53	18°40	n.a.	M21
T 22	13 16 41	20° 9'02	26°40	22° 5	0♊49	17° 8	18°13	24° 1	7°49	17°57	29°34	2° 6	2°50	18°47	n.a.	T 22
W23	13 20 37	21° 6'21	9♒17	21°31	1°57	17°46	18°22	24° 0	7°48	17°58	29°33	2° 4	2°46	18°54	n.a.	W23
T 24	13 24 34	22° 3'39	21°39	20°58	3° 5	18°24	18°32	23°58	7°46	17°58	29°32	2° 1	2°43	19° 0	n.a.	T 24
F 25	13 28 31	23° 0'56	3♓49	20°24	4°12	19° 1	18°42	23°57	7°45	17°58	29°31	1°55	2°40	19° 7	n.a.	F 25
S 26	13 32 27	23°58'13	15°50	19°52	5°20	19°39	18°52	23°56	7°43	17°59	29°29	1°46	2°37	19°14	n.a.	S 26
S 27	13 36 24	24°55'28	27°46	19°21	6°27	20°16	19° 2	23°55	7°42	18° 0	29°28	1°35	2°34	19°20	n.a.	S 27
M28	13 40 20	25°52'43	9♈39	18°52	7°34	20°54	19°12	23°54	7°40	18° 0	29°27	1°23	2°30	19°27	n.a.	M28
T 29	13 44 17	26°49'58	21°30	18°26	8°41	21°31	19°22	23°53	7°39	18° 1	29°26	1°11	2°27	19°34	n.a.	T 29
W30	13 48 13	27♈47'11	3♉22	18♈ 2	9♊48	22♊ 8	19♊32	23♌52	7♐37	18♋ 1	29♏25	1♋ 0	2♋24	19♈41	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n 0	0n31	4s56	10n59	2n51	15n18	1n26	24s48	1s 0	23n26	0n26	15n49	2n31	22s 8	0s 6	23n 5	0n28	17s39	2n52	23n47	23n47	1n56		n.a.
W 2	0 24	5 17	4 40	11 18	2 51	15 44	1 29	24 48	1 2	23 27	0 26	15 50	2 31	22 8	0 6	23 5	0 28	17 39	2 52	23 47	23 47	1 59		n.a.
T 3	0 47	9 52	4 13	11 33	2 49	16 10	1 32	24 49	1 4	23 28	0 26	15 51	2 31	22 8	0 6	23 5	0 28	17 39	2 52	23 47	23 47	2 2		n.a.
F 4	1 10	14 6	3 34	11 46	2 46	16 35	1 35	24 49	1 6	23 29	0 26	15 52	2 31	22 8	0 6	23 5	0 28	17 39	2 52	23 48	23 47	2 4		n.a.
S 5	1 34	17 49	2 45	11 55	2 43	17 0	1 38	24 49	1 8	23 30	0 26	15 53	2 31	22 8	0 6	23 5	0 28	17 39	2 52	23 48	23 47	2 7		n.a.
S 6	1 57	20 50	1 49	12 2	2 38	17 25	1 40	24 49	1 10	23 31	0 26	15 54	2 31	22 7	0 6	23 5	0 28	17 38	2 52	23 48	23 47	2 10		n.a.
M 7	2 20	22 58	0 46	12 6	2 33	17 49	1 43	24 49	1 11	23 32	0 26	15 54	2 31	22 7	0 6	23 5	0 28	17 38	2 52	23 48	23 47	2 13		n.a.
T 8	2 43	23 59	0n21	12 7	2 26	18 13	1 46	24 48	1 13	23 33	0 26	15 55	2 30	22 7	0 6	23 5	0 28	17 38	2 52	23 48	23 47	2 15		n.a.
W 9	3 6	23 45	1 28	12 5	2 18	18 36	1 48	24 48	1 15	23 33	0 27	15 56	2 30	22 7	0 6	23 5	0 28	17 38	2 52	23 48	23 47	2 18		n.a.
T 10	3 30	22 10	2 33	12 1	2 9	18 59	1 51	24 47	1 17	23 34	0 27	15 57	2 30	22 7	0 6	23 5	0 28	17 38	2 52	23 48	23 47	2 21		n.a.
F 11	3 53	19 12	3 31	11 53	1 59	19 21	1 53	24 46	1 19	23 35	0 27	15 58	2 30	22 7	0 6	23 5	0 28	17 38	2 52	23 48	23 48	2 24		n.a.
S 12	4 15	15 0	4 18	11 43	1 48	19 43	1 56	24 45	1 21	23 36	0 27	15 58	2 30	22 7	0 6	23 5	0 28	17 38	2 52	23 48	23 48	2 27		n.a.
S 13	4 38	9 46	4 49	11 30	1 36	20 4	1 58	24 43	1 23	23 37	0 27	15 59	2 30	22 7	0 6	23 5	0 28	17 37	2 52	23 48	23 48	2 29		n.a.
M14	5 1	3 50	5 1	11 15	1 23	20 25	2 0	24 42	1 25	23 38	0 27	16 0	2 30	22 7	0 6	23 5	0 28	17 37	2 52	23 49	23 48	2 32		n.a.
T 15	5 24	2s23	4 51	10 57	1 9	20 46	2 2	24 40	1 27	23 39	0 27	16 0	2 29	22 6	0 6	23 5	0 28	17 37	2 52	23 49	23 48	2 35		n.a.
W16	5 46	8 27	4 21	10 37	0 54	21 5	2 5	24 38	1 29	23 40	0 27	16 1	2 29	22 6	0 6	23 5	0 28	17 37	2 52	23 49	23 48	2 38		n.a.
T 17	6 9	13 57	3 32	10 15	0 39	21 25	2 7	24 36	1 31	23 41	0 27	16 1	2 29	22 6	0 6	23 5	0 28	17 37	2 52	23 49	23 48	2 41		n.a.
F 18	6 31	18 30	2 31	9 51	0 23	21 43	2 9	24 34	1 33	23 42	0 27	16 2	2 29	22 6	0 6	23 5	0 28	17 37	2 52	23 49	23 48	2 43		n.a.
S 19	6 54	21 48	1 21	9 25	0 6	22 2	2 11	24 32	1 35	23 43	0 27	16 2	2 29	22 6	0 6	23 5	0 28	17 36	2 52	23 49	23 48	2 46		n.a.
S 20	7 16	23 41	0 9	8 59	0s11	22 19	2 13	24 29	1 38	23 43	0 27	16 3	2 29	22 5	0 6	23 4	0 28	17 36	2 52	23 49	23 48	2 49		n.a.
M21	7 38	24 8	1s 1	8 31	0 28	22 36	2 14	24 27	1 40	23 44	0 27	16 3	2 28	22 5	0 7	23 4	0 28	17 36	2 52	23 49	23 48	2 52		n.a.
T 22	8 0	23 14	2 6	8 3	0 45	22 53	2 16	24 24	1 42	23 45	0 27	16 4	2 28	22 5	0 7	23 4	0 28	17 36	2 52	23 49	23 48	2 54		n.a.
W23	8 22	21 10	3 4	7 34	1 2	23 9	2 18	24 21	1 44	23 46	0 27	16 4	2 28	22 5	0 7	23 4	0 28	17 36	2 52	23 49	23 48	2 57		n.a.
T 24	8 44	18 9	3 51	7 6	1 19	23 24	2 19	24 18	1 46	23 47	0 27	16 4	2 28	22 5	0 7	23 4	0 28	17 36	2 52	23 49	23 49	3 0		n.a.
F 25	9 5	14 24	4 27	6 38	1 35	23 39	2 21	24 15	1 48	23 48	0 27	16 4	2 28	22 4	0 7	23 4	0 28	17 35	2 52	23 49	23 49	3 3		n.a.
S 26	9 27	10 8	4 51	6 11	1 51	23 53	2 22	24 12	1 51	23 49	0 27	16 5	2 28	22 4	0 7	23 4	0 28	17 35	2 52	23 50	23 49	3 6		n.a.
S 27	9 48	5 30	5 1	5 46	2 6	24 6	2 24	24 8	1 53	23 50	0 27	16 5	2 27	22 4	0 7	23 4	0 28	17 35	2 52	23 50	23 49	3 8		n.a.
M28	10 10	0 41	4 59	5 22	2 20	24 19	2 25	24 5	1 55	23 51	0 27	16 5	2 27	22 4	0 7	23 4	0 28	17 35	2 51	23 50	23 49	3 11		n.a.
T 29	10 31	4n 9	4 44	4 59	2 33	24 31	2 26	24 1	1 57	23 52	0 27	16 5	2 27	22 3	0 7	23 4	0 28	17 35	2 51	23 50	23 49	3 14		n.a.
W30	10n52	8n50	4s16	4n39	2s45	24n43	2n27	23s57	2s 0	23n52	0n27	16n 5	2n27	22s 3	0s 7	23n 4	0n28	17s34	2n51	23n50	23n49	3n17		n.a.

Julian Day Number = 1282848.5, Delta T = 08h06m30s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'56, Lahiri = -20°31'55 Julian Calendar 1 Apr. 1201 BCE == Greg. Calendar 21 March 1201 BCE

The year -1200 astronomical counting style corresponds to year 1201 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1201 BCE
geocentric

MAY 1201 BCE (-1200) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 52 10	28♈44'24	15♉16	17°R42	10♊55	22♋45	19♊43	23°R51	7°R35	18♋ 2	29°R23	0°R50	2♋21	19♈47	n.a.	T 1
F 2	13 56 6	29°41'36	27°13	17♈25	12° 2	23°22	19°53	23♎51	7♐34	18° 3	29♏22	0♋43	2°18	19°54	n.a.	F 2
S 3	14 0 3	0♉38'48	9♊15	17°13	13° 8	23°58	20° 4	23°50	7°32	18° 4	29°21	0°38	2°15	20° 1	n.a.	S 3
S 4	14 4 0	1°35'59	21°27	17° 4	14°14	24°34	20°14	23°50	7°30	18° 4	29°20	0°36	2°11	20° 7	n.a.	S 4
M 5	14 7 56	2°33'09	3♋50	17°D 0	15°20	25°11	20°25	23°49	7°28	18° 5	29°18	0°D36	2° 8	20°14	n.a.	M 5
T 6	14 11 53	3°30'18	16°28	17° 0	16°26	25°47	20°36	23°49	7°27	18° 6	29°17	0°37	2° 5	20°21	n.a.	T 6
W 7	14 15 49	4°27'26	29°26	17° 5	17°32	26°23	20°47	23°49	7°25	18° 7	29°16	0°R37	2° 2	20°28	n.a.	W 7
T 8	14 19 46	5°24'33	12♌47	17°14	18°37	26°58	20°58	23°D49	7°23	18° 8	29°14	0°37	1°59	20°34	n.a.	T 8
F 9	14 23 42	6°21'40	26°34	17°28	19°43	27°34	21° 9	23°49	7°21	18° 9	29°13	0°35	1°56	20°41	n.a.	F 9
S 10	14 27 39	7°18'46	10♍48	17°46	20°48	28° 9	21°20	23°49	7°19	18°10	29°12	0°32	1°52	20°48	n.a.	S 10
S 11	14 31 36	8°15'51	25°27	18° 9	21°53	28°44	21°31	23°49	7°17	18°11	29°10	0°26	1°49	20°54	n.a.	S 11
M12	14 35 32	9°12'56	10♎26	18°37	22°57	29°19	21°42	23°50	7°15	18°12	29° 9	0°19	1°46	21° 1	n.a.	M12
T 13	14 39 29	10°10'00	25°38	19° 9	24° 2	29°54	21°53	23°50	7°13	18°13	29° 8	0°12	1°43	21° 8	n.a.	T 13
W14	14 43 25	11° 7'04	10♏51	19°45	25° 6	0♒28	22° 5	23°51	7°11	18°14	29° 6	0° 5	1°40	21°15	n.a.	W14
T 15	14 47 22	12° 4'07	25°57	20°26	26°10	1° 2	22°16	23°51	7° 9	18°15	29° 5	29♊59	1°36	21°21	n.a.	T 15
F 16	14 51 18	13° 1'11	10♐44	21°11	27°14	1°36	22°28	23°52	7° 7	18°16	29° 3	29°56	1°33	21°28	n.a.	F 16
S 17	14 55 15	13°58'14	25° 8	22° 0	28°18	2°10	22°39	23°53	7° 4	18°17	29° 2	29°D55	1°30	21°35	n.a.	S 17
S 18	14 59 11	14°55'18	9♑ 4	22°54	29°21	2°44	22°51	23°54	7° 2	18°18	29° 1	29°55	1°27	21°41	n.a.	S 18
M19	15 3 8	15°52'21	22°32	23°51	0♋24	3°17	23° 3	23°55	7° 0	18°19	28°59	29°56	1°24	21°48	n.a.	M19
T 20	15 7 5	16°49'25	5♒34	24°53	1°27	3°50	23°14	23°56	6°58	18°21	28°58	29°57	1°21	21°55	n.a.	T 20
W21	15 11 1	17°46'29	18°14	25°59	2°29	4°23	23°26	23°57	6°56	18°22	28°56	29°R58	1°17	22° 2	n.a.	W21
T 22	15 14 58	18°43'33	0♓36	27° 8	3°32	4°56	23°38	23°59	6°53	18°23	28°55	29°57	1°14	22° 8	n.a.	T 22
F 23	15 18 54	19°40'38	12°45	28°22	4°34	5°28	23°50	24° 0	6°51	18°25	28°53	29°54	1°11	22°15	n.a.	F 23
S 24	15 22 51	20°37'42	24°44	29°39	5°35	6° 0	24° 2	24° 2	6°49	18°26	28°52	29°50	1° 8	22°22	n.a.	S 24
S 25	15 26 47	21°34'47	6♈37	1♉ 0	6°37	6°32	24°14	24° 3	6°47	18°27	28°50	29°45	1° 5	22°28	n.a.	S 25
M26	15 30 44	22°31'53	18°28	2°25	7°38	7° 3	24°26	24° 5	6°44	18°29	28°49	29°38	1° 2	22°35	n.a.	M26
T 27	15 34 40	23°28'58	0♉20	3°53	8°39	7°35	24°38	24° 7	6°42	18°30	28°47	29°32	0°58	22°42	n.a.	T 27
W28	15 38 37	24°26'04	12°14	5°25	9°39	8° 5	24°50	24° 9	6°40	18°32	28°46	29°25	0°55	22°49	n.a.	W28
T 29	15 42 34	25°23'10	24°14	7° 1	10°40	8°36	25° 2	24°11	6°37	18°33	28°44	29°20	0°52	22°55	n.a.	T 29
F 30	15 46 30	26°20'17	6♊19	8°40	11°39	9° 6	25°15	24°13	6°35	18°35	28°43	29°17	0°49	23° 2	n.a.	F 30
S 31	15 50 27	27♉17'24	18♊33	10♉22	12♋39	9♒36	25♊27	24♎15	6♐33	18♋36	28♏41	29♊15	0♋46	23♈ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n12	13n13	3s37	4n21	2s57	24n53	2n28	23s53	2s 2	23n53	0n28	16n 5	2n27	22s 3	0s 7	23n 4	0n28	17s34	2n51	23n50	23n49	3n20			n.a.
F 2	11 33	17 8	2 48	4 5	3 7	25 4	2 29	23 49	2 4	23 54	0 28	16 5	2 26	22 3	0 7	23 4	0 28	17 34	2 51	23 50	23 49	3 22			n.a.
S 3	11 53	20 22	1 51	3 52	3 16	25 13	2 29	23 45	2 7	23 55	0 28	16 5	2 26	22 2	0 7	23 3	0 28	17 34	2 51	23 50	23 49	3 25			n.a.
S 4	12 14	22 45	0 49	3 41	3 24	25 22	2 30	23 41	2 9	23 56	0 28	16 5	2 26	22 2	0 7	23 3	0 28	17 33	2 51	23 50	23 49	3 28			n.a.
M 5	12 34	24 4	0n17	3 33	3 30	25 31	2 31	23 36	2 11	23 57	0 28	16 5	2 26	22 2	0 7	23 3	0 28	17 33	2 51	23 50	23 49	3 31			n.a.
T 6	12 53	24 12	1 24	3 28	3 36	25 38	2 31	23 32	2 14	23 58	0 28	16 5	2 26	22 1	0 7	23 3	0 28	17 33	2 51	23 50	23 49	3 34			n.a.
W 7	13 13	23 1	2 28	3 26	3 40	25 45	2 31	23 27	2 16	23 58	0 28	16 5	2 25	22 1	0 7	23 3	0 28	17 33	2 51	23 50	23 49	3 36			n.a.
T 8	13 33	20 33	3 26	3 27	3 43	25 51	2 31	23 23	2 19	23 59	0 28	16 5	2 25	22 1	0 7	23 3	0 28	17 33	2 51	23 50	23 49	3 39			n.a.
F 9	13 52	16 50	4 14	3 30	3 45	25 57	2 32	23 18	2 21	24 0	0 28	16 5	2 25	22 1	0 7	23 3	0 28	17 32	2 51	23 50	23 49	3 42			n.a.
S 10	14 11	12 4	4 49	3 37	3 46	26 2	2 32	23 13	2 23	24 1	0 28	16 4	2 25	22 0	0 7	23 3	0 28	17 32	2 51	23 50	23 49	3 45			n.a.
S 11	14 30	6 30	5 5	3 46	3 46	26 6	2 31	23 8	2 26	24 2	0 28	16 4	2 25	22 0	0 7	23 2	0 28	17 32	2 51	23 50	23 49	3 48			n.a.
M12	14 48	0 25	5 2	3 57	3 45	26 10	2 31	23 3	2 28	24 2	0 28	16 4	2 24	22 0	0 7	23 2	0 28	17 32	2 51	23 50	23 50	3 50			n.a.
T 13	15 7	5s46	4 37	4 11	3 43	26 13	2 31	22 58	2 31	24 3	0 28	16 4	2 24	21 59	0 7	23 2	0 28	17 31	2 51	23 50	23 50	3 53			n.a.
W14	15 25	11 39	3 53	4 28	3 40	26 15	2 30	22 53	2 34	24 4	0 28	16 3	2 24	21 59	0 7	23 2	0 28	17 31	2 50	23 50	23 50	3 56			n.a.
T 15	15 43	16 46	2 53	4 47	3 36	26 16	2 30	22 48	2 36	24 5	0 28	16 3	2 24	21 59	0 7	23 2	0 28	17 31	2 50	23 50	23 50	3 59			n.a.
F 16	16 0	20 45	1 42	5 9	3 31	26 17	2 29	22 42	2 39	24 5	0 28	16 2	2 24	21 58	0 7	23 2	0 28	17 31	2 50	23 50	23 50	4 2			n.a.
S 17	16 18	23 19	0 26	5 32	3 26	26 17	2 28	22 37	2 41	24 6	0 28	16 2	2 23	21 58	0 7	23 2	0 28	17 30	2 50	23 50	23 50	4 4			n.a.
S 18	16 35	24 21	0s49	5 58	3 19	26 17	2 27	22 32	2 44	24 7	0 28	16 1	2 23	21 58	0 7	23 1	0 28	17 30	2 50	23 50	23 50	4 7			n.a.
M19	16 52	23 53	1 59	6 26	3 12	26 16	2 26	22 26	2 46	24 7	0 28	16 1	2 23	21 57	0 7	23 1	0 28	17 30	2 50	23 50	23 50	4 10			n.a.
T 20	17 8	22 7	3 1	6 56	3 5	26 14	2 24	22 21	2 49	24 8	0 29	16 0	2 23	21 57	0 7	23 1	0 28	17 30	2 50	23 50	23 50	4 13			n.a.
W21	17 25	19 17	3 52	7 28	2 56	26 12	2 23	22 15	2 52	24 9	0 29	16 0	2 23	21 56	0 7	23 1	0 28	17 30	2 50	23 50	23 50	4 16			n.a.
T 22	17 41	15 38	4 30	8 1	2 48	26 9	2 21	22 10	2 54	24 9	0 29	15 59	2 22	21 56	0 7	23 1	0 28	17 29	2 50	23 50	23 50	4 18			n.a.
F 23	17 57	11 26	4 56	8 36	2 38	26 5	2 20	22 4	2 57	24 10	0 29	15 58	2 22	21 56	0 7	23 1	0 28	17 29	2 50	23 50	23 50	4 21			n.a.
S 24	18 12	6 50	5 9	9 13	2 28	26 1	2 18	21 59	3 0	24 11	0 29	15 58	2 22	21 55	0 7	23 0	0 28	17 29	2 50	23 50	23 50	4 24			n.a.
S 25	18 28	2 2	5 8	9 52	2 18	25 56	2 16	21 53	3 3	24 11	0 29	15 57	2 22	21 55	0 7	23 0	0 28	17 29	2 50	23 50	23 50	4 27			n.a.
M26	18 43	2n50	4 53	10 31	2 7	25 50	2 13	21 48	3 5	24 12	0 29	15 56	2 22	21 55	0 7	23 0	0 28	17 28	2 49	23 50	23 50	4 30			n.a.
T 27	18 57	7 37	4 27	11 12	1 56	25 44	2 11	21 42	3 8	24 12	0 29	15 55	2 21	21 54	0 7	23 0	0 28	17 28	2 49	23 50	23 50	4 32			n.a.
W28	19 12	12 9	3 48	11 54	1 45	25 37	2 9	21 37	3 11	24 13	0 29	15 54	2 21	21 54	0 7	23 0	0 28	17 28	2 49	23 50	23 50	4 35			n.a.
T 29	19 26	16 15	2 59	12 37	1 33	25 30	2 6	21 31	3 14	24 14	0 29	15 54	2 21	21 53	0 7	22 59	0 28	17 28	2 49	23 50	23 50	4 38			n.a.
F 30	19 39	19 43	2 2	13 20	1 22	25 22	2 3	21 26	3 16	24 14	0 29	15 53	2 21	21 53	0 7	22 59	0 28	17 27	2 49	23 50	23 50	4 41			n.a.
S 31	19n53	22n22	0s58	14n 5	1s10	25n13	2n 0	21s20	3s19	24n15	0n29	15n52	2n21	21s53	0s 7	22n59	0n28	17s27	2n49	23n50	23n50	4n44			n.a.

Julian Day Number = 1282878.5, Delta T = 08h06m28s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'52, Lahiri = -20°31'51 Julian Calendar 1 May 1201 BCE == Greg. Calendar 20 Apr. 1201 BCE

The year -1200 astronomical counting style corresponds to year 1201 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1201 BCE
geocentric

JUNE 1201 BCE (-1200) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 54 23	28♉14'31	0♋57	12♉ 8	13♋38	10♒ 5	25♊39	24♌17	6°R30	18♋38	28°R40	29°D14	0♋42	23♈15	n.a.	S 1
M 2	15 58 20	29°11'38	13°32	13°57	14°37	10°35	25°52	24°19	6♐28	18°39	28♏38	29♊15	0°39	23°22	n.a.	M 2
T 3	16 2 16	0♊ 8'46	26°21	15°49	15°35	11° 3	26° 4	24°22	6°25	18°41	28°37	29°16	0°36	23°29	n.a.	T 3
W 4	16 6 13	1° 5'53	9♌26	17°43	16°33	11°32	26°17	24°24	6°23	18°42	28°35	29°18	0°33	23°36	n.a.	W 4
T 5	16 10 10	2° 3'01	22°50	19°40	17°31	12° 0	26°29	24°27	6°21	18°44	28°34	29°19	0°30	23°42	n.a.	T 5
F 6	16 14 6	3° 0'09	6♍34	21°40	18°28	12°28	26°42	24°30	6°18	18°46	28°32	29°R19	0°27	23°49	n.a.	F 6
S 7	16 18 3	3°57'17	20°38	23°41	19°25	12°55	26°54	24°33	6°16	18°47	28°31	29°18	0°23	23°56	n.a.	S 7
S 8	16 21 59	4°54'25	5♎ 2	25°44	20°21	13°22	27° 7	24°36	6°13	18°49	28°29	29°16	0°20	24° 2	n.a.	S 8
M 9	16 25 56	5°51'34	19°43	27°49	21°17	13°48	27°20	24°39	6°11	18°51	28°28	29°14	0°17	24° 9	n.a.	M 9
T 10	16 29 52	6°48'43	4♏34	29°55	22°12	14°14	27°32	24°42	6° 9	18°52	28°26	29°11	0°14	24°16	n.a.	T 10
W11	16 33 49	7°45'53	19°29	2♊ 2	23° 7	14°40	27°45	24°45	6° 6	18°54	28°25	29° 8	0°11	24°23	n.a.	W11
T 12	16 37 45	8°43'03	4♐20	4° 9	24° 1	15° 5	27°58	24°48	6° 4	18°56	28°23	29° 6	0° 8	24°29	n.a.	T 12
F 13	16 41 42	9°40'14	18°58	6°16	24°55	15°30	28°11	24°51	6° 1	18°58	28°22	29° 5	0° 4	24°36	n.a.	F 13
S 14	16 45 39	10°37'26	3♑17	8°24	25°48	15°54	28°23	24°55	5°59	19° 0	28°20	29°D 5	0° 1	24°43	n.a.	S 14
S 15	16 49 35	11°34'38	17°14	10°31	26°40	16°18	28°36	24°58	5°56	19° 1	28°19	29° 5	29♊58	24°49	n.a.	S 15
M16	16 53 32	12°31'52	0♒45	12°38	27°32	16°41	28°49	25° 2	5°54	19° 3	28°18	29° 6	29°55	24°56	n.a.	M16
T 17	16 57 28	13°29'07	13°52	14°44	28°23	17° 4	29° 2	25° 6	5°52	19° 5	28°16	29° 8	29°52	25° 3	n.a.	T 17
W18	17 1 25	14°26'23	26°36	16°49	29°14	17°26	29°15	25° 9	5°49	19° 7	28°15	29° 9	29°48	25°10	n.a.	W18
T 19	17 5 21	15°23'40	9♓ 1	18°53	0♌ 4	17°48	29°28	25°13	5°47	19° 9	28°13	29° 9	29°45	25°16	n.a.	T 19
F 20	17 9 18	16°20'58	21°11	20°56	0°53	18° 9	29°41	25°17	5°45	19°11	28°12	29°R 9	29°42	25°23	n.a.	F 20
S 21	17 13 15	17°18'17	3♈11	22°58	1°42	18°30	29°54	25°21	5°42	19°13	28°10	29° 9	29°39	25°30	n.a.	S 21
S 22	17 17 11	18°15'38	15° 4	24°58	2°30	18°50	0♋ 7	25°25	5°40	19°15	28° 9	29° 8	29°36	25°36	n.a.	S 22
M23	17 21 8	19°13'00	26°56	26°57	3°17	19° 9	0°20	25°29	5°38	19°17	28° 8	29° 7	29°33	25°43	n.a.	M23
T 24	17 25 4	20°10'23	8♉49	28°54	4° 3	19°28	0°33	25°33	5°35	19°19	28° 6	29° 5	29°29	25°50	n.a.	T 24
W25	17 29 1	21° 7'47	20°48	0♋50	4°48	19°47	0°46	25°38	5°33	19°21	28° 5	29° 4	29°26	25°57	n.a.	W25
T 26	17 32 57	22° 5'13	2♊55	2°44	5°33	20° 4	0°59	25°42	5°31	19°23	28° 4	29° 3	29°23	26° 3	n.a.	T 26
F 27	17 36 54	23° 2'40	15°12	4°37	6°17	20°21	1°12	25°47	5°28	19°25	28° 2	29° 3	29°20	26°10	n.a.	F 27
S 28	17 40 50	24° 0'09	27°40	6°28	6°59	20°38	1°25	25°51	5°26	19°27	28° 1	29°D 3	29°17	26°17	n.a.	S 28
S 29	17 44 47	24°57'38	10♋22	8°18	7°41	20°54	1°38	25°56	5°24	19°29	28° 0	29° 3	29°13	26°23	n.a.	S 29
M30	17 48 44	25♊55'09	23♋16	10♋ 6	8♌22	21♒ 9	1♋52	26♌ 0	5♐22	19♋31	27♏58	29♊ 3	29♊10	26♈30	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 6	23n59	0n 9	14n49	0s58	25n 4	1n57	21s15	3s22	24n15	0n29	15n51	2n20	21s52	0s 7	22n59	0n28	17s27	2n49	23n50	23n50	4n46		n.a.
M 2	20 19	24 25	1 18	15 34	0 45	24 54	1 54	21 9	3 25	24 16	0 29	15 50	2 20	21 52	0 7	22 58	0 28	17 27	2 49	23 50	23 50	4 49		n.a.
T 3	20 31	23 34	2 23	16 19	0 33	24 44	1 51	21 4	3 28	24 16	0 29	15 49	2 20	21 51	0 7	22 58	0 28	17 26	2 49	23 50	23 50	4 52		n.a.
W 4	20 43	21 26	3 23	17 3	0 22	24 34	1 47	20 59	3 31	24 16	0 29	15 48	2 20	21 51	0 7	22 58	0 28	17 26	2 49	23 50	23 50	4 55		n.a.
T 5	20 55	18 6	4 13	17 47	0 10	24 22	1 43	20 53	3 34	24 17	0 29	15 47	2 20	21 51	0 7	22 58	0 28	17 26	2 48	23 50	23 50	4 58		n.a.
F 6	21 6	13 43	4 50	18 30	0n 2	24 11	1 39	20 48	3 37	24 17	0 30	15 46	2 19	21 50	0 7	22 58	0 28	17 26	2 48	23 50	23 50	5 0		n.a.
S 7	21 17	8 31	5 10	19 13	0 13	23 58	1 35	20 43	3 40	24 18	0 30	15 44	2 19	21 50	0 7	22 57	0 28	17 26	2 48	23 50	23 50	5 3		n.a.
S 8	21 28	2 44	5 12	19 54	0 24	23 46	1 31	20 38	3 43	24 18	0 30	15 43	2 19	21 49	0 7	22 57	0 28	17 25	2 48	23 50	23 50	5 6		n.a.
M 9	21 38	3s18	4 54	20 33	0 34	23 33	1 26	20 33	3 45	24 18	0 30	15 42	2 19	21 49	0 7	22 57	0 28	17 25	2 48	23 50	23 50	5 9		n.a.
T 10	21 48	9 14	4 16	21 11	0 44	23 19	1 22	20 28	3 48	24 19	0 30	15 41	2 19	21 48	0 7	22 57	0 28	17 25	2 48	23 50	23 50	5 12		n.a.
W11	21 58	14 40	3 21	21 46	0 53	23 5	1 17	20 23	3 51	24 19	0 30	15 40	2 18	21 48	0 7	22 56	0 28	17 25	2 48	23 50	23 50	5 15		n.a.
T 12	22 7	19 12	2 12	22 20	1 1	22 51	1 12	20 18	3 54	24 19	0 30	15 38	2 18	21 48	0 7	22 56	0 28	17 24	2 48	23 50	23 50	5 17		n.a.
F 13	22 16	22 27	0 55	22 51	1 9	22 36	1 7	20 14	3 57	24 20	0 30	15 37	2 18	21 47	0 7	22 56	0 28	17 24	2 48	23 50	23 50	5 20		n.a.
S 14	22 25	24 11	0s23	23 20	1 17	22 20	1 1	20 9	4 1	24 20	0 30	15 36	2 18	21 47	0 7	22 56	0 28	17 24	2 47	23 50	23 50	5 23		n.a.
S 15	22 33	24 20	1 39	23 46	1 23	22 5	0 56	20 5	4 4	24 20	0 30	15 34	2 18	21 46	0 7	22 55	0 28	17 24	2 47	23 50	23 50	5 26		n.a.
M16	22 40	23 1	2 46	24 10	1 29	21 49	0 50	20 0	4 7	24 20	0 30	15 33	2 18	21 46	0 7	22 55	0 28	17 24	2 47	23 50	23 50	5 29		n.a.
T 17	22 48	20 29	3 43	24 30	1 34	21 33	0 44	19 56	4 10	24 20	0 30	15 31	2 17	21 46	0 7	22 55	0 28	17 23	2 47	23 50	23 50	5 31		n.a.
W18	22 55	17 1	4 27	24 48	1 39	21 16	0 38	19 52	4 13	24 21	0 30	15 30	2 17	21 45	0 7	22 55	0 28	17 23	2 47	23 50	23 50	5 34		n.a.
T 19	23 1	12 53	4 57	25 4	1 42	20 59	0 31	19 48	4 16	24 21	0 30	15 28	2 17	21 45	0 7	22 54	0 28	17 23	2 47	23 50	23 50	5 37		n.a.
F 20	23 7	8 20	5 13	25 16	1 45	20 42	0 25	19 44	4 19	24 21	0 31	15 27	2 17	21 44	0 7	22 54	0 28	17 23	2 47	23 50	23 50	5 40		n.a.
S 21	23 13	3 31	5 15	25 26	1 48	20 24	0 18	19 40	4 22	24 21	0 31	15 25	2 17	21 44	0 7	22 54	0 28	17 23	2 47	23 50	23 50	5 43		n.a.
S 22	23 19	1n22	5 4	25 34	1 49	20 7	0 11	19 37	4 25	24 21	0 31	15 24	2 17	21 43	0 7	22 53	0 28	17 22	2 46	23 50	23 50	5 45		n.a.
M23	23 23	6 12	4 40	25 38	1 50	19 49	0 4	19 34	4 28	24 21	0 31	15 22	2 16	21 43	0 7	22 53	0 28	17 22	2 46	23 50	23 50	5 48		n.a.
T 24	23 28	10 50	4 4	25 41	1 51	19 30	0s 3	19 30	4 31	24 21	0 31	15 21	2 16	21 43	0 7	22 53	0 28	17 22	2 46	23 50	23 50	5 51		n.a.
W25	23 32	15 6	3 16	25 40	1 50	19 12	0 11	19 27	4 34	24 21	0 31	15 19	2 16	21 42	0 7	22 53	0 28	17 22	2 46	23 50	23 50	5 54		n.a.
T 26	23 36	18 48	2 20	25 38	1 50	18 54	0 19	19 25	4 38	24 21	0 31	15 17	2 16	21 42	0 7	22 52	0 28	17 22	2 46	23 50	23 50	5 57		n.a.
F 27	23 39	21 44	1 16	25 33	1 48	18 35	0 27	19 22	4 41	24 21	0 31	15 16	2 16	21 41	0 7	22 52	0 28	17 22	2 46	23 50	23 50	6 0		n.a.
S 28	23 42	23 41	0 8	25 27	1 46	18 16	0 35	19 19	4 44	24 21	0 31	15 14	2 16	21 41	0 7	22 52	0 28	17 21	2 46	23 50	23 50	6 2		n.a.
S 29	23 44	24 28	1n 2	25 18	1 44	17 57	0 44	19 17	4 47	24 21	0 31	15 12	2 15	21 41	0 7	22 51	0 28	17 21	2 45	23 50	23 50	6 5		n.a.
M30	23n46	23n56	2n10	25n 7	1n41	17n38	0s52	19s15	4s50	24n21	0n31	15n11	2n15	21s40	0s 7	22n51	0n28	17s21	2n45	23n50	23n50	6n 8		n.a.

Julian Day Number = 1282909.5, Delta T = 08h06m26s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'47, Lahiri = -20°31'47 Julian Calendar 1 June 1201 BCE == Greg. Calendar 21 May 1201 BCE

The year -1200 astronomical counting style corresponds to year 1201 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1201 BCE
geocentric

JULY 1201 BCE (-1200) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 52 40	26♊52'41	6♌25	11♋53	9♌ 2	21♒23	2♋ 5	26♌ 5	5°R19	19♋33	27°R57	29♊ 3	29♊ 7	26♈37	n.a.	T 1
W 2	17 56 37	27°50'14	19°47	13°38	9°40	21°37	2°18	26°10	5♐17	19°35	27♏56	29° 3	29° 4	26°44	n.a.	W 2
T 3	18 0 33	28°47'48	3♍23	15°21	10°18	21°50	2°31	26°15	5°15	19°37	27°55	29°R 3	29° 1	26°50	n.a.	T 3
F 4	18 4 30	29°45'23	17°13	17° 3	10°54	22° 2	2°44	26°20	5°13	19°39	27°53	29° 3	28°58	26°57	n.a.	F 4
S 5	18 8 26	0♋42'59	1♎15	18°44	11°29	22°13	2°57	26°25	5°11	19°42	27°52	29°D 3	28°54	27° 4	n.a.	S 5
S 6	18 12 23	1°40'36	15°29	20°23	12° 3	22°24	3°10	26°30	5° 9	19°44	27°51	29° 3	28°51	27°10	n.a.	S 6
M 7	18 16 19	2°38'14	29°51	22° 0	12°35	22°34	3°24	26°35	5° 7	19°46	27°50	29° 4	28°48	27°17	n.a.	M 7
T 8	18 20 16	3°35'54	14♏18	23°36	13° 6	22°43	3°37	26°40	5° 5	19°48	27°49	29° 4	28°45	27°24	n.a.	T 8
W 9	18 24 13	4°33'35	28°47	25°10	13°36	22°52	3°50	26°45	5° 3	19°50	27°47	29° 4	28°42	27°30	n.a.	W 9
T 10	18 28 9	5°31'17	13♐13	26°43	14° 4	23° 0	4° 3	26°51	5° 1	19°52	27°46	29° 5	28°39	27°37	n.a.	T 10
F 11	18 32 6	6°29'01	27°29	28°15	14°30	23° 7	4°16	26°56	4°59	19°54	27°45	29°R 5	28°35	27°44	n.a.	F 11
S 12	18 36 2	7°26'46	11♑33	29°45	14°55	23°13	4°29	27° 1	4°57	19°57	27°44	29° 5	28°32	27°51	n.a.	S 12
S 13	18 39 59	8°24'33	25°19	1♌13	15°18	23°18	4°43	27° 7	4°55	19°59	27°43	29° 4	28°29	27°57	n.a.	S 13
M14	18 43 55	9°22'21	8♒45	2°40	15°40	23°22	4°56	27°12	4°53	20° 1	27°42	29° 3	28°26	28° 4	n.a.	M14
T 15	18 47 52	10°20'12	21°50	4° 6	16° 0	23°26	5° 9	27°18	4°51	20° 3	27°41	29° 2	28°23	28°11	n.a.	T 15
W16	18 51 49	11°18'04	4♓35	5°30	16°18	23°29	5°22	27°24	4°50	20° 5	27°40	29° 0	28°19	28°17	n.a.	W16
T 17	18 55 45	12°15'58	17° 2	6°52	16°34	23°31	5°35	27°29	4°48	20° 8	27°39	28°59	28°16	28°24	n.a.	T 17
F 18	18 59 42	13°13'53	29°14	8°13	16°48	23°32	5°48	27°35	4°46	20°10	27°38	28°58	28°13	28°31	n.a.	F 18
S 19	19 3 38	14°11'51	11♈14	9°32	17° 0	23°R32	6° 1	27°41	4°44	20°12	27°37	28°D57	28°10	28°38	n.a.	S 19
S 20	19 7 35	15° 9'51	23° 8	10°49	17°10	23°31	6°14	27°47	4°43	20°14	27°36	28°57	28° 7	28°44	n.a.	S 20
M21	19 11 31	16° 7'53	5♉ 0	12° 4	17°17	23°30	6°27	27°53	4°41	20°16	27°35	28°58	28° 4	28°51	n.a.	M21
T 22	19 15 28	17° 5'57	16°55	13°18	17°23	23°27	6°41	27°59	4°40	20°19	27°35	28°59	28° 0	28°58	n.a.	T 22
W23	19 19 24	18° 4'03	28°57	14°30	17°27	23°24	6°54	28° 5	4°38	20°21	27°34	29° 1	27°57	29° 4	n.a.	W23
T 24	19 23 21	19° 2'11	11♊ 9	15°39	17°R28	23°20	7° 7	28°11	4°36	20°23	27°33	29° 2	27°54	29°11	n.a.	T 24
F 25	19 27 17	20° 0'21	23°36	16°47	17°27	23°15	7°20	28°17	4°35	20°25	27°32	29°R 3	27°51	29°18	n.a.	F 25
S 26	19 31 14	20°58'34	6♋19	17°53	17°23	23° 9	7°33	28°23	4°34	20°28	27°31	29° 3	27°48	29°24	n.a.	S 26
S 27	19 35 11	21°56'48	19°20	18°56	17°18	23° 2	7°46	28°29	4°32	20°30	27°31	29° 2	27°45	29°31	n.a.	S 27
M28	19 39 7	22°55'04	2♌38	19°57	17° 9	22°55	7°58	28°36	4°31	20°32	27°30	29° 0	27°41	29°38	n.a.	M28
T 29	19 43 4	23°53'22	16°12	20°55	16°59	22°46	8°11	28°42	4°30	20°34	27°29	28°56	27°38	29°45	n.a.	T 29
W30	19 47 0	24°51'42	0♍ 0	21°50	16°46	22°37	8°24	28°48	4°28	20°37	27°29	28°53	27°35	29°51	n.a.	W30
T 31	19 50 57	25♋50'03	13♍59	22♌43	16♌31	22♒27	8♋37	28♌55	4♐27	20♋39	27♏28	28♊49	27♊32	29♈58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n48	22n 5	3n13	24n55	1n37	17n19	1s 1	19s13	4s53	24n21	0n31	15n 9	2n15	21s40	0s 7	22n51	0n28	17s21	2n45	23n50	23n50	6n11			n.a.
W 2	23 49	19 0	4 6	24 41	1 34	17 0	1 10	19 12	4 56	24 21	0 32	15 7	2 15	21 39	0 7	22 51	0 28	17 21	2 45	23 50	23 50	6 14			n.a.
T 3	23 50	14 51	4 46	24 25	1 29	16 41	1 20	19 10	4 59	24 20	0 32	15 5	2 15	21 39	0 7	22 50	0 28	17 21	2 45	23 50	23 50	6 16			n.a.
F 4	23 50	9 53	5 10	24 8	1 25	16 22	1 29	19 9	5 2	24 20	0 32	15 3	2 15	21 39	0 7	22 50	0 28	17 21	2 45	23 50	23 50	6 19			n.a.
S 5	23 50	4 19	5 17	23 49	1 20	16 2	1 39	19 8	5 5	24 20	0 32	15 1	2 15	21 38	0 7	22 50	0 28	17 20	2 45	23 50	23 50	6 22			n.a.
S 6	23 50	1s31	5 4	23 29	1 14	15 43	1 49	19 7	5 8	24 20	0 32	14 59	2 14	21 38	0 7	22 49	0 28	17 20	2 44	23 50	23 50	6 25			n.a.
M 7	23 49	7 21	4 33	23 8	1 8	15 24	1 59	19 7	5 11	24 20	0 32	14 58	2 14	21 38	0 7	22 49	0 28	17 20	2 44	23 50	23 50	6 28			n.a.
T 8	23 47	12 50	3 44	22 45	1 2	15 6	2 10	19 6	5 14	24 19	0 32	14 56	2 14	21 37	0 7	22 49	0 28	17 20	2 44	23 50	23 50	6 30			n.a.
W 9	23 45	17 37	2 40	22 22	0 56	14 47	2 20	19 6	5 17	24 19	0 32	14 54	2 14	21 37	0 7	22 48	0 28	17 20	2 44	23 50	23 50	6 33			n.a.
T 10	23 43	21 20	1 27	21 58	0 49	14 28	2 31	19 6	5 20	24 19	0 32	14 52	2 14	21 37	0 7	22 48	0 28	17 20	2 44	23 50	23 50	6 36			n.a.
F 11	23 41	23 40	0 9	21 32	0 42	14 10	2 42	19 7	5 23	24 18	0 32	14 50	2 14	21 36	0 7	22 48	0 28	17 20	2 44	23 50	23 50	6 39			n.a.
S 12	23 37	24 28	1s 9	21 6	0 35	13 52	2 54	19 7	5 26	24 18	0 33	14 48	2 14	21 36	0 7	22 47	0 28	17 20	2 44	23 50	23 50	6 42			n.a.
S 13	23 34	23 43	2 20	20 39	0 27	13 34	3 5	19 8	5 29	24 18	0 33	14 46	2 13	21 35	0 7	22 47	0 28	17 20	2 43	23 50	23 50	6 44			n.a.
M14	23 30	21 37	3 22	20 12	0 19	13 16	3 17	19 9	5 32	24 17	0 33	14 44	2 13	21 35	0 7	22 47	0 28	17 20	2 43	23 50	23 50	6 47			n.a.
T 15	23 26	18 26	4 12	19 44	0 11	12 59	3 29	19 11	5 34	24 17	0 33	14 41	2 13	21 35	0 7	22 46	0 28	17 20	2 43	23 50	23 50	6 50			n.a.
W16	23 21	14 26	4 48	19 15	0 3	12 42	3 41	19 12	5 37	24 16	0 33	14 39	2 13	21 34	0 7	22 46	0 28	17 19	2 43	23 50	23 50	6 53			n.a.
T 17	23 16	9 56	5 9	18 46	0s 6	12 26	3 53	19 14	5 40	24 16	0 33	14 37	2 13	21 34	0 7	22 46	0 28	17 19	2 43	23 50	23 50	6 56			n.a.
F 18	23 10	5 8	5 16	18 17	0 14	12 10	4 5	19 16	5 42	24 16	0 33	14 35	2 13	21 34	0 7	22 45	0 28	17 19	2 43	23 50	23 50	6 59			n.a.
S 19	23 4	0 12	5 9	17 48	0 23	11 54	4 18	19 18	5 45	24 15	0 33	14 33	2 13	21 34	0 7	22 45	0 28	17 19	2 42	23 50	23 49	7 1			n.a.
S 20	22 58	4n41	4 48	17 18	0 32	11 39	4 30	19 21	5 47	24 15	0 33	14 31	2 13	21 33	0 7	22 45	0 28	17 19	2 42	23 50	23 49	7 4			n.a.
M21	22 51	9 24	4 16	16 48	0 41	11 25	4 43	19 23	5 50	24 14	0 33	14 29	2 13	21 33	0 7	22 45	0 28	17 19	2 42	23 50	23 49	7 7			n.a.
T 22	22 43	13 47	3 32	16 18	0 50	11 11	4 56	19 26	5 52	24 13	0 34	14 26	2 12	21 33	0 7	22 44	0 28	17 19	2 42	23 50	23 49	7 10			n.a.
W23	22 36	17 41	2 39	15 48	1 0	10 58	5 9	19 30	5 54	24 13	0 34	14 24	2 12	21 32	0 7	22 44	0 28	17 19	2 42	23 50	23 49	7 13			n.a.
T 24	22 28	20 53	1 37	15 19	1 9	10 45	5 22	19 33	5 56	24 12	0 34	14 22	2 12	21 32	0 7	22 44	0 28	17 19	2 42	23 50	23 49	7 15			n.a.
F 25	22 19	23 11	0 30	14 49	1 19	10 33	5 35	19 37	5 58	24 12	0 34	14 20	2 12	21 32	0 7	22 43	0 28	17 19	2 41	23 50	23 49	7 18			n.a.
S 26	22 10	24 21	0n40	14 20	1 28	10 22	5 47	19 40	6 0	24 11	0 34	14 17	2 12	21 32	0 7	22 43	0 28	17 19	2 41	23 50	23 49	7 21			n.a.
S 27	22 1	24 13	1 49	13 51	1 38	10 12	6 0	19 44	6 2	24 10	0 34	14 15	2 12	21 31	0 7	22 43	0 28	17 19	2 41	23 50	23 49	7 24			n.a.
M28	21 51	22 43	2 54	13 23	1 47	10 2	6 13	19 48	6 3	24 10	0 34	14 13	2 12	21 31	0 7	22 42	0 28	17 19	2 41	23 50	23 49	7 27			n.a.
T 29	21 41	19 54	3 50	12 55	1 57	9 53	6 25	19 53	6 5	24 9	0 34	14 10	2 12	21 31	0 7	22 42	0 28	17 19	2 41	23 50	23 49	7 29			n.a.
W30	21 31	15 55	4 34	12 28	2 7	9 45	6 37	19 57	6 6	24 8	0 34	14 8	2 12	21 31	0 7	22 42	0 28	17 19	2 41	23 50	23 49	7 32			n.a.
T 31	21n20	11n 2	5n 3	12n 2	2s16	9n38	6s49	20s 2	6s 8	24n 8	0n35	14n 6	2n12	21s30	0s 7	22n41	0n28	17s19	2n40	23n50	23n49	7n35			n.a.

Julian Day Number = 1282939.5, Delta T = 08h06m25s
Ecliptic obliquity = 23°50'14, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'43, Lahiri = -20°31'43 Julian Calendar 1 July 1201 BCE == Greg. Calendar 20 June 1201 BCE

The year -1200 astronomical counting style corresponds to year 1201 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1201 BCE
geocentric

AUGUST 1201 BCE (-1200) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 54 53	26♋48'26	28♍ 5	23♌32	16°R13	22°R16	8♋50	29♌ 1	4°R26	20♋41	27°R28	28°R46	27♊29	0♉ 5	n.a.	F 1
S 2	19 58 50	27°46'51	12♎16	24°18	15♌54	22♒ 5	9° 3	29° 8	4♐25	20°43	27♏27	28♊43	27°25	0°11	n.a.	S 2
S 3	20 2 46	28°45'18	26°28	25° 1	15°32	21°53	9°16	29°14	4°24	20°45	27°26	28°D43	27°22	0°18	n.a.	S 3
M 4	20 6 43	29°43'46	10♏39	25°39	15° 7	21°40	9°28	29°21	4°23	20°48	27°26	28°43	27°19	0°25	n.a.	M 4
T 5	20 10 40	0♌42'16	24°48	26°14	14°41	21°26	9°41	29°27	4°22	20°50	27°25	28°44	27°16	0°32	n.a.	T 5
W 6	20 14 36	1°40'48	8♐52	26°44	14°13	21°12	9°54	29°34	4°21	20°52	27°25	28°46	27°13	0°38	n.a.	W 6
T 7	20 18 33	2°39'22	22°50	27° 9	13°43	20°58	10° 6	29°41	4°20	20°54	27°25	28°R47	27°10	0°45	n.a.	T 7
F 8	20 22 29	3°37'57	6♑40	27°30	13°12	20°42	10°19	29°47	4°19	20°56	27°24	28°47	27° 6	0°52	n.a.	F 8
S 9	20 26 26	4°36'35	20°19	27°45	12°39	20°27	10°32	29°54	4°18	20°59	27°24	28°45	27° 3	0°58	n.a.	S 9
S 10	20 30 22	5°35'15	3♒46	27°54	12° 5	20°10	10°44	0♍ 1	4°17	21° 1	27°23	28°41	27° 0	1° 5	n.a.	S 10
M11	20 34 19	6°33'56	16°58	27°R57	11°30	19°54	10°57	0° 8	4°17	21° 3	27°23	28°36	26°57	1°12	n.a.	M11
T 12	20 38 15	7°32'40	29°54	27°53	10°54	19°37	11° 9	0°14	4°16	21° 5	27°23	28°30	26°54	1°18	n.a.	T 12
W13	20 42 12	8°31'26	12♓33	27°43	10°18	19°19	11°21	0°21	4°15	21° 7	27°23	28°22	26°51	1°25	n.a.	W13
T 14	20 46 9	9°30'14	24°57	27°26	9°41	19° 1	11°34	0°28	4°15	21° 9	27°22	28°16	26°47	1°32	n.a.	T 14
F 15	20 50 5	10°29'05	7♈ 8	27° 1	9° 4	18°43	11°46	0°35	4°14	21°12	27°22	28°10	26°44	1°39	n.a.	F 15
S 16	20 54 2	11°27'58	19° 8	26°29	8°28	18°25	11°58	0°42	4°14	21°14	27°22	28° 5	26°41	1°45	n.a.	S 16
S 17	20 57 58	12°26'53	1♉ 1	25°50	7°52	18° 6	12°11	0°49	4°13	21°16	27°22	28° 3	26°38	1°52	n.a.	S 17
M18	21 1 55	13°25'51	12°52	25° 5	7°16	17°48	12°23	0°56	4°13	21°18	27°22	28°D 2	26°35	1°59	n.a.	M18
T 19	21 5 51	14°24'51	24°45	24°12	6°42	17°29	12°35	1° 3	4°13	21°20	27°22	28° 2	26°31	2° 5	n.a.	T 19
W20	21 9 48	15°23'54	6♊47	23°14	6° 8	17°11	12°47	1°10	4°12	21°22	27°22	28° 4	26°28	2°12	n.a.	W20
T 21	21 13 44	16°22'59	19° 1	22°12	5°36	16°52	12°59	1°17	4°12	21°24	27°D22	28° 5	26°25	2°19	n.a.	T 21
F 22	21 17 41	17°22'06	1♋33	21° 6	5° 5	16°33	13°11	1°24	4°12	21°26	27°22	28°R 5	26°22	2°25	n.a.	F 22
S 23	21 21 37	18°21'16	14°26	19°58	4°36	16°15	13°23	1°31	4°12	21°28	27°22	28° 4	26°19	2°32	n.a.	S 23
S 24	21 25 34	19°20'29	27°41	18°49	4° 9	15°56	13°35	1°38	4°12	21°30	27°22	28° 0	26°16	2°39	n.a.	S 24
M25	21 29 31	20°19'43	11♌20	17°42	3°44	15°38	13°46	1°45	4°D12	21°32	27°22	27°54	26°12	2°45	n.a.	M25
T 26	21 33 27	21°19'00	25°19	16°39	3°21	15°21	13°58	1°52	4°12	21°34	27°22	27°47	26° 9	2°52	n.a.	T 26
W27	21 37 24	22°18'19	9♍35	15°40	3° 0	15° 3	14°10	1°59	4°12	21°36	27°22	27°38	26° 6	2°59	n.a.	W27
T 28	21 41 20	23°17'40	24° 2	14°48	2°41	14°46	14°21	2° 6	4°12	21°38	27°22	27°29	26° 3	3° 6	n.a.	T 28
F 29	21 45 17	24°17'03	8♎34	14° 5	2°25	14°29	14°33	2°14	4°12	21°40	27°23	27°21	26° 0	3°12	n.a.	F 29
S 30	21 49 13	25°16'28	23° 3	13°30	2°11	14°13	14°44	2°21	4°12	21°42	27°23	27°15	25°57	3°19	n.a.	S 30
S 31	21 53 10	26♌15'55	7♏26	13♌ 6	1♌59	13♒57	14♋56	2♍28	4♐13	21♋44	27♏23	27♊11	25♊53	3♉26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n 9	5n33	5n13	11n36	2s26	9n32	7s 1	20s 7	6s 9	24n 7	0n35	14n 3	2n12	21s30	0s 7	22n41	0n28	17s19	2n40	23n50	23n49	7n38		n.a.
S 2	20 57	0s16	5 4	11 12	2 35	9 27	7 13	20 11	6 10	24 6	0 35	14 1	2 12	21 30	0 7	22 41	0 28	17 19	2 40	23 50	23 49	7 41		n.a.
S 3	20 45	6 4	4 37	10 49	2 44	9 23	7 24	20 16	6 11	24 5	0 35	13 59	2 11	21 30	0 7	22 40	0 28	17 19	2 40	23 50	23 49	7 43		n.a.
M 4	20 33	11 35	3 53	10 28	2 53	9 20	7 34	20 21	6 12	24 5	0 35	13 56	2 11	21 30	0 7	22 40	0 28	17 19	2 40	23 50	23 49	7 46		n.a.
T 5	20 20	16 27	2 55	10 8	3 2	9 18	7 44	20 27	6 12	24 4	0 35	13 54	2 11	21 29	0 7	22 40	0 28	17 19	2 39	23 50	23 49	7 49		n.a.
W 6	20 7	20 23	1 47	9 50	3 10	9 17	7 53	20 32	6 13	24 3	0 35	13 51	2 11	21 29	0 7	22 39	0 28	17 19	2 39	23 50	23 48	7 52		n.a.
T 7	19 54	23 6	0 32	9 34	3 18	9 17	8 2	20 37	6 13	24 2	0 35	13 49	2 11	21 29	0 7	22 39	0 28	17 20	2 39	23 50	23 48	7 55		n.a.
F 8	19 40	24 23	0s43	9 20	3 26	9 18	8 10	20 42	6 13	24 1	0 36	13 46	2 11	21 29	0 7	22 39	0 28	17 20	2 39	23 50	23 48	7 57		n.a.
S 9	19 26	24 10	1 55	9 8	3 33	9 20	8 17	20 47	6 13	24 0	0 36	13 44	2 11	21 29	0 7	22 38	0 28	17 20	2 39	23 50	23 48	8 0		n.a.
S 10	19 11	22 31	2 59	8 59	3 39	9 23	8 24	20 52	6 13	23 59	0 36	13 42	2 11	21 29	0 7	22 38	0 28	17 20	2 39	23 50	23 48	8 3		n.a.
M11	18 56	19 41	3 52	8 53	3 45	9 27	8 30	20 58	6 12	23 59	0 36	13 39	2 11	21 28	0 7	22 38	0 28	17 20	2 38	23 50	23 48	8 6		n.a.
T 12	18 41	15 55	4 32	8 49	3 49	9 32	8 34	21 3	6 12	23 58	0 36	13 37	2 11	21 28	0 7	22 37	0 28	17 20	2 38	23 50	23 48	8 9		n.a.
W13	18 26	11 32	4 58	8 49	3 53	9 38	8 38	21 8	6 11	23 57	0 36	13 34	2 11	21 28	0 7	22 37	0 28	17 20	2 38	23 50	23 48	8 11		n.a.
T 14	18 10	6 45	5 9	8 53	3 56	9 45	8 41	21 13	6 10	23 56	0 36	13 32	2 11	21 28	0 7	22 37	0 29	17 20	2 38	23 50	23 48	8 14		n.a.
F 15	17 54	1 47	5 5	9 0	3 57	9 52	8 43	21 17	6 9	23 55	0 36	13 29	2 11	21 28	0 8	22 36	0 29	17 20	2 38	23 49	23 48	8 17		n.a.
S 16	17 38	3n10	4 49	9 12	3 56	10 0	8 44	21 22	6 8	23 54	0 37	13 26	2 11	21 28	0 8	22 36	0 29	17 21	2 38	23 49	23 48	8 20		n.a.
S 17	17 21	7 58	4 20	9 27	3 54	10 9	8 45	21 27	6 6	23 53	0 37	13 24	2 11	21 28	0 8	22 36	0 29	17 21	2 37	23 49	23 48	8 23		n.a.
M18	17 4	12 28	3 40	9 45	3 51	10 19	8 44	21 31	6 5	23 52	0 37	13 21	2 11	21 28	0 8	22 35	0 29	17 21	2 37	23 49	23 48	8 25		n.a.
T 19	16 47	16 31	2 50	10 8	3 45	10 29	8 42	21 35	6 3	23 51	0 37	13 19	2 11	21 28	0 8	22 35	0 29	17 21	2 37	23 49	23 47	8 28		n.a.
W20	16 29	19 57	1 52	10 35	3 38	10 40	8 39	21 39	6 1	23 50	0 37	13 16	2 11	21 28	0 8	22 35	0 29	17 21	2 37	23 49	23 47	8 31		n.a.
T 21	16 11	22 34	0 49	11 4	3 28	10 51	8 36	21 43	5 59	23 49	0 37	13 14	2 11	21 28	0 8	22 34	0 29	17 21	2 37	23 49	23 47	8 34		n.a.
F 22	15 53	24 8	0n19	11 36	3 16	11 2	8 31	21 47	5 56	23 48	0 37	13 11	2 11	21 28	0 8	22 34	0 29	17 22	2 36	23 49	23 47	8 37		n.a.
S 23	15 35	24 29	1 27	12 11	3 3	11 14	8 26	21 50	5 54	23 47	0 38	13 9	2 11	21 28	0 8	22 34	0 29	17 22	2 36	23 49	23 47	8 39		n.a.
S 24	15 16	23 27	2 32	12 47	2 47	11 26	8 20	21 54	5 51	23 46	0 38	13 6	2 11	21 28	0 8	22 34	0 29	17 22	2 36	23 49	23 47	8 42		n.a.
M25	14 57	21 2	3 31	13 24	2 30	11 38	8 14	21 57	5 49	23 44	0 38	13 3	2 11	21 28	0 8	22 33	0 29	17 22	2 36	23 49	23 47	8 45		n.a.
T 26	14 38	17 20	4 18	14 1	2 12	11 50	8 7	21 59	5 46	23 43	0 38	13 1	2 11	21 28	0 8	22 33	0 29	17 22	2 36	23 49	23 47	8 48		n.a.
W27	14 18	12 34	4 50	14 37	1 53	12 3	7 59	22 2	5 43	23 42	0 38	12 58	2 11	21 28	0 8	22 33	0 29	17 23	2 36	23 49	23 47	8 51		n.a.
T 28	13 59	7 3	5 4	15 11	1 33	12 15	7 50	22 4	5 39	23 41	0 38	12 55	2 11	21 28	0 8	22 32	0 29	17 23	2 35	23 49	23 47	8 53		n.a.
F 29	13 39	1 7	4 59	15 43	1 13	12 27	7 42	22 6	5 36	23 40	0 39	12 53	2 11	21 28	0 8	22 32	0 29	17 23	2 35	23 49	23 47	8 56		n.a.
S 30	13 19	4s52	4 35	16 12	0 53	12 39	7 32	22 8	5 33	23 39	0 39	12 50	2 11	21 28	0 8	22 32	0 29	17 23	2 35	23 49	23 46	8 59		n.a.
S 31	12n58	10s33	3n53	16n38	0s34	12n51	7s22	22s 9	5s29	23n38	0n39	12n48	2n11	21s28	0s 8	22n31	0n29	17s23	2n35	23n48	23n46	9n 2		n.a.

Julian Day Number = 1282970.5, Delta T = 08h06m23s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'39, Lahiri = -20°31'39 Julian Calendar 1 Aug. 1201 BCE == Greg. Calendar 21 July 1201 BCE

The year -1200 astronomical counting style corresponds to year 1201 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1201 BCE
geocentric

SEPTEMBER 1201 BCE (-1200) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 57 6	27♌15'24	21♏38	12°R52	1°R50	13°R42	15♋ 7	2♍35	4♐13	21♋46	27♏24	27°D 9	25♊50	3♉32	n.a.	M 1
T 2	22 1 3	28°14'55	5♐39	12°D49	1♌43	13♒27	15°18	2°42	4°13	21°48	27°24	27♊ 9	25°47	3°39	n.a.	T 2
W 3	22 4 59	29°14'27	19°28	12♌57	1°39	13°13	15°29	2°49	4°14	21°50	27°24	27°10	25°44	3°46	n.a.	W 3
T 4	22 8 56	0♍14'02	3♑ 5	13°15	1°D37	13° 0	15°40	2°57	4°14	21°52	27°25	27°R10	25°41	3°52	n.a.	T 4
F 5	22 12 53	1°13'38	16°30	13°44	1°37	12°47	15°51	3° 4	4°15	21°53	27°25	27° 8	25°37	3°59	n.a.	F 5
S 6	22 16 49	2°13'17	29°45	14°22	1°40	12°35	16° 2	3°11	4°15	21°55	27°26	27° 4	25°34	4° 6	n.a.	S 6
S 7	22 20 46	3°12'57	12♒49	15° 8	1°45	12°24	16°13	3°18	4°16	21°57	27°26	26°57	25°31	4°13	n.a.	S 7
M 8	22 24 42	4°12'39	25°41	16° 3	1°52	12°13	16°24	3°25	4°17	21°59	27°27	26°48	25°28	4°19	n.a.	M 8
T 9	22 28 39	5°12'24	8♓22	17° 5	2° 2	12° 3	16°35	3°33	4°17	22° 0	27°27	26°36	25°25	4°26	n.a.	T 9
W10	22 32 35	6°12'10	20°50	18°13	2°14	11°54	16°45	3°40	4°18	22° 2	27°28	26°23	25°22	4°33	n.a.	W10
T 11	22 36 32	7°11'59	3♈ 7	19°26	2°28	11°46	16°56	3°47	4°19	22° 4	27°29	26°11	25°18	4°39	n.a.	T 11
F 12	22 40 28	8°11'50	15°13	20°45	2°44	11°38	17° 6	3°54	4°20	22° 6	27°29	25°59	25°15	4°46	n.a.	F 12
S 13	22 44 25	9°11'43	27°10	22° 7	3° 2	11°31	17°16	4° 1	4°21	22° 7	27°30	25°50	25°12	4°53	n.a.	S 13
S 14	22 48 21	10°11'38	9♉ 1	23°33	3°22	11°25	17°27	4° 8	4°22	22° 9	27°31	25°43	25° 9	4°59	n.a.	S 14
M15	22 52 18	11°11'36	20°49	25° 2	3°44	11°20	17°37	4°16	4°23	22°10	27°31	25°39	25° 6	5° 6	n.a.	M15
T 16	22 56 15	12°11'36	2♊41	26°34	4° 8	11°15	17°47	4°23	4°24	22°12	27°32	25°37	25° 2	5°13	n.a.	T 16
W17	23 0 11	13°11'39	14°39	28° 7	4°33	11°11	17°57	4°30	4°25	22°14	27°33	25°D36	24°59	5°19	n.a.	W17
T 18	23 4 8	14°11'44	26°51	29°42	5° 0	11° 8	18° 7	4°37	4°26	22°15	27°34	25°R36	24°56	5°26	n.a.	T 18
F 19	23 8 4	15°11'51	9♋21	1♍19	5°29	11° 6	18°16	4°44	4°28	22°17	27°35	25°36	24°53	5°33	n.a.	F 19
S 20	23 12 1	16°12'00	22°15	2°56	6° 0	11° 5	18°26	4°51	4°29	22°18	27°36	25°33	24°50	5°40	n.a.	S 20
S 21	23 15 57	17°12'12	5♌35	4°34	6°32	11°D 4	18°35	4°58	4°30	22°20	27°37	25°28	24°47	5°46	n.a.	S 21
M22	23 19 54	18°12'25	19°23	6°13	7° 5	11° 5	18°45	5° 6	4°32	22°21	27°38	25°21	24°43	5°53	n.a.	M22
T 23	23 23 50	19°12'41	3♍38	7°52	7°40	11° 6	18°54	5°13	4°33	22°22	27°39	25°11	24°40	6° 0	n.a.	T 23
W24	23 27 47	20°12'59	18°15	9°31	8°16	11° 8	19° 3	5°20	4°35	22°24	27°40	24°59	24°37	6° 6	n.a.	W24
T 25	23 31 44	21°13'19	3♎ 8	11°10	8°54	11°10	19°12	5°27	4°36	22°25	27°41	24°47	24°34	6°13	n.a.	T 25
F 26	23 35 40	22°13'40	18° 6	12°50	9°33	11°14	19°21	5°34	4°38	22°27	27°42	24°36	24°31	6°20	n.a.	F 26
S 27	23 39 37	23°14'03	3♏ 0	14°29	10°13	11°18	19°30	5°41	4°39	22°28	27°43	24°27	24°28	6°26	n.a.	S 27
S 28	23 43 33	24°14'28	17°43	16° 8	10°54	11°23	19°39	5°48	4°41	22°29	27°44	24°21	24°24	6°33	n.a.	S 28
M29	23 47 30	25°14'55	2♐ 9	17°47	11°36	11°29	19°48	5°55	4°43	22°30	27°45	24°18	24°21	6°40	n.a.	M29
T 30	23 51 26	26♍15'23	16♐15	19♍26	12♌20	11♒35	19♋56	6♍ 1	4♐44	22♋32	27♏46	24♊17	24♊18	6♉46	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n38	15s37	2n58	17n 0	0s15	13n 3	7s12	22s10	5s25	23n37	0n39	12n45	2n11	21s28	0s 8	22n31	0n29	17s24	2n35	23n48	23n46	9n 5		n.a.
T 2	12 17	19 46	1 52	17 18	0n 3	13 15	7 2	22 11	5 22	23 36	0 39	12 42	2 11	21 28	0 8	22 31	0 29	17 24	2 34	23 48	23 46	9 7		n.a.
W 3	11 56	22 44	0 41	17 31	0 20	13 26	6 51	22 11	5 18	23 34	0 39	12 40	2 11	21 28	0 8	22 31	0 29	17 24	2 34	23 48	23 46	9 10		n.a.
T 4	11 34	24 20	0s31	17 41	0 36	13 37	6 40	22 12	5 14	23 33	0 40	12 37	2 11	21 28	0 8	22 30	0 29	17 25	2 34	23 48	23 46	9 13		n.a.
F 5	11 13	24 28	1 41	17 46	0 50	13 48	6 29	22 12	5 10	23 32	0 40	12 35	2 11	21 28	0 8	22 30	0 29	17 25	2 34	23 48	23 46	9 16		n.a.
S 6	10 51	23 13	2 44	17 47	1 3	13 58	6 18	22 11	5 6	23 31	0 40	12 32	2 11	21 28	0 8	22 30	0 29	17 25	2 34	23 48	23 46	9 18		n.a.
S 7	10 30	20 43	3 37	17 45	1 14	14 8	6 7	22 11	5 2	23 30	0 40	12 29	2 11	21 28	0 8	22 30	0 29	17 25	2 34	23 48	23 46	9 21		n.a.
M 8	10 8	17 13	4 19	17 38	1 24	14 18	5 55	22 10	4 57	23 29	0 40	12 27	2 11	21 29	0 8	22 29	0 29	17 26	2 33	23 48	23 46	9 24		n.a.
T 9	9 45	12 59	4 47	17 27	1 33	14 27	5 44	22 9	4 53	23 27	0 40	12 24	2 11	21 29	0 8	22 29	0 29	17 26	2 33	23 48	23 45	9 27		n.a.
W10	9 23	8 16	5 0	17 13	1 40	14 36	5 32	22 7	4 49	23 26	0 41	12 21	2 11	21 29	0 8	22 29	0 29	17 26	2 33	23 47	23 45	9 30		n.a.
T 11	9 1	3 18	4 59	16 55	1 47	14 44	5 21	22 5	4 44	23 25	0 41	12 19	2 11	21 29	0 8	22 28	0 29	17 27	2 33	23 47	23 45	9 32		n.a.
F 12	8 38	1n43	4 45	16 34	1 52	14 52	5 9	22 3	4 40	23 24	0 41	12 16	2 11	21 29	0 8	22 28	0 29	17 27	2 33	23 47	23 45	9 35		n.a.
S 13	8 15	6 38	4 18	16 11	1 55	14 59	4 58	22 1	4 36	23 23	0 41	12 14	2 11	21 29	0 8	22 28	0 29	17 27	2 33	23 46	23 45	9 38		n.a.
S 14	7 52	11 16	3 40	15 45	1 58	15 5	4 46	21 59	4 31	23 22	0 41	12 11	2 11	21 30	0 8	22 28	0 29	17 28	2 32	23 46	23 45	9 41		n.a.
M15	7 29	15 29	2 53	15 16	2 0	15 11	4 35	21 56	4 27	23 21	0 42	12 8	2 11	21 30	0 8	22 27	0 29	17 28	2 32	23 46	23 45	9 43		n.a.
T 16	7 6	19 6	1 58	14 46	2 1	15 17	4 24	21 53	4 22	23 19	0 42	12 6	2 11	21 30	0 8	22 27	0 29	17 28	2 32	23 46	23 45	9 46		n.a.
W17	6 43	21 59	0 58	14 13	2 2	15 22	4 12	21 50	4 18	23 18	0 42	12 3	2 11	21 30	0 8	22 27	0 29	17 29	2 32	23 46	23 44	9 49		n.a.
T 18	6 19	23 55	0n 7	13 39	2 1	15 26	4 1	21 46	4 13	23 17	0 42	12 0	2 11	21 30	0 8	22 27	0 29	17 29	2 32	23 46	23 44	9 52		n.a.
F 19	5 56	24 42	1 12	13 3	2 0	15 30	3 50	21 43	4 9	23 16	0 42	11 58	2 11	21 31	0 8	22 27	0 29	17 29	2 31	23 46	23 44	9 55		n.a.
S 20	5 32	24 12	2 16	12 26	1 58	15 33	3 39	21 39	4 5	23 15	0 42	11 55	2 11	21 31	0 8	22 26	0 29	17 30	2 31	23 46	23 44	9 57		n.a.
S 21	5 8	22 20	3 15	11 47	1 56	15 35	3 28	21 35	4 0	23 14	0 43	11 53	2 12	21 31	0 8	22 26	0 29	17 30	2 31	23 46	23 44	10 0		n.a.
M22	4 44	19 6	4 4	11 7	1 53	15 37	3 18	21 30	3 56	23 13	0 43	11 50	2 12	21 31	0 8	22 26	0 29	17 31	2 31	23 45	23 44	10 3		n.a.
T 23	4 20	14 40	4 39	10 27	1 50	15 38	3 7	21 26	3 51	23 11	0 43	11 48	2 12	21 32	0 8	22 26	0 29	17 31	2 31	23 45	23 44	10 6		n.a.
W24	3 56	9 16	4 58	9 46	1 46	15 39	2 57	21 21	3 47	23 10	0 43	11 45	2 12	21 32	0 8	22 25	0 29	17 31	2 31	23 44	23 44	10 8		n.a.
T 25	3 32	3 16	4 57	9 3	1 42	15 39	2 47	21 16	3 43	23 9	0 43	11 42	2 12	21 32	0 8	22 25	0 29	17 32	2 30	23 44	23 43	10 11		n.a.
F 26	3 8	2s58	4 36	8 21	1 37	15 39	2 37	21 11	3 38	23 8	0 44	11 40	2 12	21 33	0 8	22 25	0 29	17 32	2 30	23 44	23 43	10 14		n.a.
S 27	2 44	9 2	3 56	7 38	1 33	15 37	2 27	21 6	3 34	23 7	0 44	11 37	2 12	21 33	0 8	22 25	0 29	17 33	2 30	23 43	23 43	10 17		n.a.
S 28	2 19	14 31	3 0	6 54	1 28	15 35	2 17	21 0	3 30	23 6	0 44	11 35	2 12	21 33	0 8	22 25	0 30	17 33	2 30	23 43	23 43	10 19		n.a.
M29	1 55	19 4	1 54	6 10	1 22	15 33	2 8	20 55	3 26	23 5	0 44	11 32	2 12	21 33	0 8	22 25	0 30	17 33	2 30	23 43	23 43	10 22		n.a.
T 30	1n31	22s25	0n42	5n26	1n17	15n30	1s58	20s49	3s21	23n 4	0n45	11n30	2n12	21s34	0s 8	22n24	0n30	17s34	2n30	23n43	23n43	10n25		n.a.

Julian Day Number = 1283001.5, Delta T = 08h06m22s
Ecliptic obliquity = 23°50'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'35, Lahiri = -20°31'34 Julian Calendar 1 Sept. 1201 BCE == Greg. Calendar 21 Aug. 1201 BCE

The year -1200 astronomical counting style corresponds to year 1201 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1201 BCE
geocentric

OCTOBER 1201 BCE (-1200) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 55 23	27♍15'52	0♉ 2	21♍ 4	13♌ 4	11♒42	20♋ 5	6♍ 8	4♐46	22♋33	27♏47	24°R17	24♊15	6♉53	n.a.	W 1
T 2	23 59 19	28°16'23	13°29	22°42	13°50	11°50	20°13	6°15	4°48	22°34	27°49	24♊17	24°12	7° 0	n.a.	T 2
F 3	0 3 16	29°16'56	26°40	24°20	14°36	11°59	20°21	6°22	4°50	22°35	27°50	24°14	24° 8	7° 6	n.a.	F 3
S 4	0 7 13	0♎17'30	9♒37	25°58	15°23	12° 8	20°29	6°29	4°52	22°36	27°51	24°10	24° 5	7°13	n.a.	S 4
S 5	0 11 9	1°18'05	22°21	27°35	16°12	12°18	20°37	6°36	4°54	22°37	27°53	24° 2	24° 2	7°20	n.a.	S 5
M 6	0 15 6	2°18'42	4♓55	29°12	17° 1	12°29	20°44	6°42	4°56	22°38	27°54	23°51	23°59	7°27	n.a.	M 6
T 7	0 19 2	3°19'20	17°19	0♎49	17°51	12°40	20°52	6°49	4°58	22°39	27°55	23°38	23°56	7°33	n.a.	T 7
W 8	0 22 59	4°20'00	29°34	2°25	18°42	12°52	21° 0	6°56	5° 0	22°40	27°57	23°24	23°53	7°40	n.a.	W 8
T 9	0 26 55	5°20'41	11♈41	4° 1	19°33	13° 5	21° 7	7° 2	5° 2	22°41	27°58	23° 9	23°49	7°47	n.a.	T 9
F 10	0 30 52	6°21'24	23°40	5°37	20°26	13°18	21°14	7° 9	5° 5	22°42	28° 0	22°56	23°46	7°53	n.a.	F 10
S 11	0 34 48	7°22'08	5♉33	7°12	21°19	13°32	21°21	7°16	5° 7	22°43	28° 1	22°46	23°43	8° 0	n.a.	S 11
S 12	0 38 45	8°22'54	17°22	8°48	22°13	13°46	21°28	7°22	5° 9	22°44	28° 2	22°37	23°40	8° 7	n.a.	S 12
M13	0 42 41	9°23'42	29°10	10°23	23° 7	14° 1	21°35	7°29	5°11	22°45	28° 4	22°32	23°37	8°13	n.a.	M13
T 14	0 46 38	10°24'32	11♊ 0	11°57	24° 2	14°16	21°41	7°35	5°14	22°45	28° 5	22°30	23°34	8°20	n.a.	T 14
W15	0 50 35	11°25'23	22°56	13°32	24°58	14°32	21°48	7°41	5°16	22°46	28° 7	22°D29	23°30	8°27	n.a.	W15
T 16	0 54 31	12°26'16	5♋ 5	15° 7	25°54	14°49	21°54	7°48	5°19	22°47	28° 9	22°29	23°27	8°33	n.a.	T 16
F 17	0 58 28	13°27'10	17°31	16°41	26°51	15° 6	22° 0	7°54	5°21	22°47	28°10	22°R29	23°24	8°40	n.a.	F 17
S 18	1 2 24	14°28'06	0♌19	18°15	27°49	15°23	22° 6	8° 0	5°24	22°48	28°12	22°28	23°21	8°47	n.a.	S 18
S 19	1 6 21	15°29'04	13°34	19°49	28°47	15°41	22°12	8° 7	5°26	22°49	28°13	22°25	23°18	8°53	n.a.	S 19
M20	1 10 17	16°30'03	27°18	21°23	29°46	16° 0	22°18	8°13	5°29	22°49	28°15	22°19	23°14	9° 0	n.a.	M20
T 21	1 14 14	17°31'03	11♍33	22°57	0♍45	16°19	22°23	8°19	5°31	22°50	28°17	22°11	23°11	9° 7	n.a.	T 21
W22	1 18 10	18°32'05	26°15	24°31	1°44	16°39	22°29	8°25	5°34	22°50	28°18	22° 1	23° 8	9°13	n.a.	W22
T 23	1 22 7	19°33'08	11♎18	26° 4	2°45	16°58	22°34	8°31	5°37	22°51	28°20	21°51	23° 5	9°20	n.a.	T 23
F 24	1 26 4	20°34'12	26°32	27°38	3°45	17°19	22°39	8°37	5°40	22°51	28°22	21°41	23° 2	9°27	n.a.	F 24
S 25	1 30 0	21°35'18	11♏46	29°11	4°46	17°40	22°44	8°43	5°42	22°52	28°24	21°34	22°59	9°34	n.a.	S 25
S 26	1 33 57	22°36'24	26°50	0♏45	5°48	18° 1	22°48	8°49	5°45	22°52	28°25	21°29	22°55	9°40	n.a.	S 26
M27	1 37 53	23°37'31	11♐36	2°18	6°49	18°23	22°53	8°55	5°48	22°52	28°27	21°27	22°52	9°47	n.a.	M27
T 28	1 41 50	24°38'39	25°58	3°52	7°52	18°45	22°57	9° 0	5°51	22°53	28°29	21°D26	22°49	9°54	n.a.	T 28
W29	1 45 46	25°39'47	9♑54	5°25	8°54	19° 7	23° 2	9° 6	5°54	22°53	28°31	21°27	22°46	10° 0	n.a.	W29
T 30	1 49 43	26°40'56	23°26	6°58	9°57	19°30	23° 6	9°12	5°57	22°53	28°33	21°R28	22°43	10° 7	n.a.	T 30
F 31	1 53 40	27♎42'06	6♒35	8♏31	11♍ 0	19♒54	23♋ 9	9♍17	6♐ 0	22♋53	28♏34	21♊27	22♊39	10♉14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	1n 6	24s21	0s30	4n41	1n11	15n26	1s49	20s43	3s17	23n 3	0n45	11n27	2n12	21s34	0s 8	22n24	0n30	17s34	2n29	23n43	23n43	10n28			n.a.
T 2	0 42	24 48	1 40	3 56	1 5	15 22	1 40	20 37	3 13	23 2	0 45	11 25	2 13	21 35	0 8	22 24	0 30	17 35	2 29	23 43	23 42	10 30			n.a.
F 3	0 17	23 49	2 42	3 11	0 59	15 16	1 31	20 30	3 9	23 1	0 45	11 22	2 13	21 35	0 8	22 24	0 30	17 35	2 29	23 43	23 42	10 33			n.a.
S 4	0s 7	21 35	3 35	2 27	0 53	15 11	1 22	20 24	3 5	23 0	0 45	11 20	2 13	21 35	0 8	22 24	0 30	17 36	2 29	23 42	23 42	10 36			n.a.
S 5	0 32	18 19	4 16	1 42	0 47	15 4	1 14	20 17	3 1	22 59	0 46	11 17	2 13	21 36	0 8	22 24	0 30	17 36	2 29	23 42	23 42	10 39			n.a.
M 6	0 56	14 15	4 44	0 57	0 41	14 58	1 5	20 10	2 57	22 58	0 46	11 15	2 13	21 36	0 8	22 23	0 30	17 36	2 29	23 42	23 42	10 42			n.a.
T 7	1 21	9 39	4 58	0 12	0 34	14 50	0 57	20 3	2 53	22 57	0 46	11 13	2 13	21 36	0 8	22 23	0 30	17 37	2 28	23 41	23 42	10 44			n.a.
W 8	1 45	4 43	4 58	0s33	0 28	14 42	0 49	19 56	2 50	22 56	0 46	11 10	2 13	21 37	0 8	22 23	0 30	17 37	2 28	23 40	23 42	10 47			n.a.
T 9	2 9	0n20	4 45	1 18	0 22	14 33	0 41	19 49	2 46	22 55	0 47	11 8	2 13	21 37	0 8	22 23	0 30	17 38	2 28	23 39	23 41	10 50			n.a.
F 10	2 34	5 20	4 19	2 2	0 15	14 24	0 33	19 41	2 42	22 54	0 47	11 5	2 14	21 38	0 8	22 23	0 30	17 38	2 28	23 39	23 41	10 53			n.a.
S 11	2 58	10 7	3 41	2 46	0 9	14 14	0 26	19 34	2 38	22 53	0 47	11 3	2 14	21 38	0 8	22 23	0 30	17 39	2 28	23 38	23 41	10 55			n.a.
S 12	3 23	14 30	2 55	3 31	0 2	14 3	0 19	19 26	2 35	22 52	0 47	11 1	2 14	21 38	0 8	22 23	0 30	17 39	2 28	23 38	23 41	10 58			n.a.
M13	3 47	18 21	2 0	4 15	0s 4	13 52	0 11	19 18	2 31	22 51	0 47	10 58	2 14	21 39	0 8	22 23	0 30	17 40	2 28	23 37	23 41	11 1			n.a.
T 14	4 11	21 28	1 1	4 58	0 11	13 40	0 4	19 10	2 28	22 50	0 48	10 56	2 14	21 39	0 8	22 22	0 30	17 40	2 27	23 37	23 41	11 4			n.a.
W15	4 35	23 41	0n 2	5 42	0 17	13 27	0n 3	19 2	2 24	22 50	0 48	10 54	2 14	21 40	0 8	22 22	0 30	17 41	2 27	23 37	23 41	11 6			n.a.
T 16	5 0	24 51	1 7	6 25	0 24	13 14	0 9	18 54	2 21	22 49	0 48	10 51	2 14	21 40	0 8	22 22	0 30	17 41	2 27	23 37	23 40	11 9			n.a.
F 17	5 24	24 48	2 9	7 8	0 30	13 1	0 16	18 46	2 17	22 48	0 48	10 49	2 15	21 41	0 8	22 22	0 30	17 42	2 27	23 37	23 40	11 12			n.a.
S 18	5 48	23 28	3 7	7 50	0 37	12 47	0 22	18 37	2 14	22 47	0 49	10 47	2 15	21 41	0 8	22 22	0 30	17 42	2 27	23 37	23 40	11 14			n.a.
S 19	6 12	20 48	3 57	8 32	0 43	12 32	0 28	18 29	2 11	22 47	0 49	10 45	2 15	21 42	0 8	22 22	0 30	17 43	2 27	23 37	23 40	11 17			n.a.
M20	6 35	16 54	4 35	9 14	0 49	12 17	0 34	18 20	2 8	22 46	0 49	10 42	2 15	21 42	0 8	22 22	0 30	17 43	2 26	23 37	23 40	11 20			n.a.
T 21	6 59	11 56	4 58	9 55	0 55	12 1	0 40	18 11	2 4	22 45	0 49	10 40	2 15	21 42	0 8	22 22	0 30	17 44	2 26	23 36	23 40	11 23			n.a.
W22	7 23	6 8	5 3	10 36	1 1	11 45	0 46	18 2	2 1	22 45	0 50	10 38	2 15	21 43	0 8	22 22	0 30	17 44	2 26	23 36	23 39	11 25			n.a.
T 23	7 46	0s10	4 46	11 16	1 7	11 28	0 51	17 53	1 58	22 44	0 50	10 36	2 16	21 43	0 8	22 22	0 30	17 45	2 26	23 35	23 39	11 28			n.a.
F 24	8 10	6 32	4 10	11 56	1 12	11 11	0 57	17 44	1 55	22 43	0 50	10 34	2 16	21 44	0 8	22 22	0 30	17 45	2 26	23 34	23 39	11 31			n.a.
S 25	8 33	12 32	3 15	12 35	1 18	10 53	1 2	17 34	1 52	22 43	0 50	10 32	2 16	21 44	0 8	22 22	0 30	17 46	2 26	23 34	23 39	11 34			n.a.
S 26	8 56	17 42	2 8	13 13	1 23	10 34	1 7	17 25	1 49	22 42	0 51	10 30	2 16	21 45	0 8	22 22	0 30	17 46	2 26	23 34	23 39	11 36			n.a.
M27	9 19	21 41	0 52	13 51	1 28	10 16	1 12	17 15	1 46	22 42	0 51	10 28	2 16	21 45	0 8	22 22	0 30	17 47	2 25	23 33	23 39	11 39			n.a.
T 28	9 42	24 11	0s24	14 29	1 34	9 57	1 17	17 5	1 43	22 41	0 51	10 26	2 16	21 46	0 8	22 22	0 30	17 48	2 25	23 33	23 38	11 42			n.a.
W29	10 5	25 5	1 37	15 5	1 38	9 37	1 21	16 56	1 41	22 41	0 51	10 24	2 17	21 47	0 8	22 22	0 30	17 48	2 25	23 33	23 38	11 45			n.a.
T 30	10 27	24 26	2 43	15 41	1 43	9 17	1 26	16 46	1 38	22 40	0 52	10 22	2 17	21 47	0 8	22 22	0 30	17 49	2 25	23 33	23 38	11 47			n.a.
F 31	10s50	22s27	3s38	16s16	1s47	8n56	1n30	16s36	1s35	22n40	0n52	10n20	2n17	21s48	0s 8	22n22	0n30	17s49	2n25	23n33	23n38	11n50			n.a.

Julian Day Number = 1283031.5, Delta T = 08h06m20s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'31, Lahiri = -20°31'30 Julian Calendar 1 Oct. 1201 BCE == Greg. Calendar 20 Sept. 1201 BCE

The year -1200 astronomical counting style corresponds to year 1201 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1201 BCE
geocentric

NOVEMBER 1201 BCE (-1200) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 57 36	28♎43'16	19♒25	10♏ 4	12♍ 4	20♒17	23♋13	9♍23	6♐ 3	22♋54	28♏36	21°R25	22♊36	10♉20	n.a.	S 1
S 2	2 1 33	29°44'27	1♓59	11°37	13° 8	20°41	23°16	9°28	6° 6	22°54	28°38	21♊20	22°33	10°27	n.a.	S 2
M 3	2 5 29	0♏45'38	14°20	13°10	14°12	21° 6	23°20	9°34	6° 9	22°54	28°40	21°14	22°30	10°34	n.a.	M 3
T 4	2 9 26	1°46'49	26°31	14°43	15°17	21°30	23°23	9°39	6°12	22°54	28°42	21° 5	22°27	10°40	n.a.	T 4
W 5	2 13 22	2°48'01	8♈34	16°15	16°22	21°55	23°26	9°44	6°15	22°R54	28°44	20°55	22°24	10°47	n.a.	W 5
T 6	2 17 19	3°49'14	20°32	17°48	17°27	22°21	23°29	9°49	6°18	22°54	28°46	20°45	22°20	10°54	n.a.	T 6
F 7	2 21 15	4°50'27	2♉25	19°19	18°33	22°46	23°31	9°54	6°21	22°54	28°48	20°36	22°17	11° 0	n.a.	F 7
S 8	2 25 12	5°51'40	14°15	20°51	19°38	23°12	23°33	9°59	6°24	22°54	28°50	20°29	22°14	11° 7	n.a.	S 8
S 9	2 29 9	6°52'55	26° 4	22°22	20°45	23°38	23°36	10° 4	6°27	22°54	28°52	20°24	22°11	11°14	n.a.	S 9
M10	2 33 5	7°54'10	7♊54	23°52	21°51	24° 5	23°38	10° 9	6°31	22°54	28°54	20°21	22° 8	11°20	n.a.	M10
T 11	2 37 2	8°55'25	19°48	25°22	22°57	24°32	23°39	10°14	6°34	22°53	28°56	20°D20	22° 5	11°27	n.a.	T 11
W12	2 40 58	9°56'41	1♋48	26°51	24° 4	24°59	23°41	10°19	6°37	22°53	28°58	20°20	22° 1	11°34	n.a.	W12
T 13	2 44 55	10°57'57	13°58	28°18	25°11	25°26	23°42	10°24	6°40	22°53	29° 0	20°22	21°58	11°40	n.a.	T 13
F 14	2 48 51	11°59'14	26°23	29°44	26°19	25°53	23°44	10°28	6°44	22°53	29° 2	20°24	21°55	11°47	n.a.	F 14
S 15	2 52 48	13° 0'32	9♌ 8	1♐ 9	27°26	26°21	23°45	10°33	6°47	22°52	29° 4	20°R25	21°52	11°54	n.a.	S 15
S 16	2 56 44	14° 1'50	22°15	2°32	28°34	26°49	23°46	10°37	6°50	22°52	29° 6	20°24	21°49	12° 1	n.a.	S 16
M17	3 0 41	15° 3'09	5♍50	3°52	29°42	27°18	23°46	10°42	6°54	22°52	29° 8	20°23	21°45	12° 7	n.a.	M17
T 18	3 4 38	16° 4'27	19°53	5°10	0♎50	27°46	23°47	10°46	6°57	22°51	29°10	20°19	21°42	12°14	n.a.	T 18
W19	3 8 34	17° 5'47	4♎23	6°25	1°58	28°15	23°47	10°50	7° 1	22°51	29°12	20°15	21°39	12°21	n.a.	W19
T 20	3 12 31	18° 7'06	19°17	7°36	3° 7	28°44	23°R47	10°54	7° 4	22°50	29°14	20°10	21°36	12°27	n.a.	T 20
F 21	3 16 27	19° 8'26	4♏27	8°42	4°16	29°13	23°47	10°58	7° 7	22°50	29°16	20° 5	21°33	12°34	n.a.	F 21
S 22	3 20 24	20° 9'46	19°43	9°44	5°24	29°43	23°47	11° 2	7°11	22°49	29°18	20° 1	21°30	12°41	n.a.	S 22
S 23	3 24 20	21°11'06	4♐56	10°40	6°33	0♓12	23°46	11° 6	7°14	22°49	29°20	19°59	21°26	12°47	n.a.	S 23
M24	3 28 17	22°12'25	19°55	11°29	7°43	0°42	23°45	11°10	7°18	22°48	29°22	19°D58	21°23	12°54	n.a.	M24
T 25	3 32 14	23°13'45	4♑32	12°11	8°52	1°12	23°44	11°14	7°21	22°47	29°24	19°59	21°20	13° 1	n.a.	T 25
W26	3 36 10	24°15'04	18°43	12°44	10° 1	1°42	23°43	11°17	7°25	22°47	29°26	20° 0	21°17	13° 7	n.a.	W26
T 27	3 40 7	25°16'22	2♒27	13° 8	11°11	2°13	23°42	11°21	7°28	22°46	29°29	20° 2	21°14	13°14	n.a.	T 27
F 28	3 44 3	26°17'40	15°45	13°22	12°21	2°43	23°41	11°24	7°32	22°45	29°31	20° 3	21°11	13°21	n.a.	F 28
S 29	3 48 0	27°18'57	28°38	13°R25	13°31	3°14	23°39	11°28	7°35	22°45	29°33	20°R 3	21° 7	13°27	n.a.	S 29
S 30	3 51 56	28♏20'14	11♓12	13♐17	14♎41	3♓45	23♋37	11♍31	7♐39	22♋44	29♏35	20♊ 3	21♊ 4	13♉34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s12	19s21	4s20	16s50	1s52	8n35	1n34	16s25	1s33	22n40	0n52	10n18	2n17	21s48	0s 8	22n22	0n31	17s50	2n25	23n33	23n38	11n53		n.a.
S 2	11 34	15 26	4 49	17 24	1 55	8 14	1 38	16 15	1 30	22 39	0 52	10 16	2 17	21 49	0 8	22 22	0 31	17 50	2 25	23 33	23 37	11 55		n.a.
M 3	11 56	10 56	5 4	17 56	1 59	7 52	1 41	16 5	1 27	22 39	0 53	10 14	2 18	21 49	0 8	22 22	0 31	17 51	2 25	23 33	23 37	11 58		n.a.
T 4	12 17	6 4	5 5	18 28	2 2	7 30	1 45	15 54	1 25	22 39	0 53	10 12	2 18	21 50	0 8	22 22	0 31	17 51	2 24	23 32	23 37	12 1		n.a.
W 5	12 39	1 1	4 52	18 58	2 5	7 8	1 48	15 44	1 22	22 38	0 53	10 10	2 18	21 50	0 8	22 22	0 31	17 52	2 24	23 31	23 37	12 4		n.a.
T 6	13 0	4n 2	4 27	19 28	2 8	6 45	1 52	15 33	1 20	22 38	0 54	10 8	2 18	21 51	0 8	22 22	0 31	17 52	2 24	23 31	23 37	12 6		n.a.
F 7	13 21	8 55	3 50	19 56	2 10	6 22	1 55	15 22	1 17	22 38	0 54	10 7	2 18	21 51	0 8	22 22	0 31	17 53	2 24	23 30	23 37	12 9		n.a.
S 8	13 42	13 29	3 3	20 23	2 12	5 58	1 58	15 11	1 15	22 38	0 54	10 5	2 19	21 52	0 8	22 22	0 31	17 54	2 24	23 29	23 36	12 12		n.a.
S 9	14 2	17 32	2 8	20 48	2 13	5 34	2 1	15 0	1 13	22 38	0 54	10 3	2 19	21 52	0 8	22 22	0 31	17 54	2 24	23 29	23 36	12 14		n.a.
M10	14 23	20 53	1 7	21 13	2 14	5 10	2 3	14 49	1 10	22 38	0 55	10 1	2 19	21 53	0 8	22 22	0 31	17 55	2 24	23 29	23 36	12 17		n.a.
T 11	14 43	23 23	0 3	21 36	2 14	4 46	2 6	14 38	1 8	22 38	0 55	10 0	2 19	21 54	0 8	22 22	0 31	17 55	2 24	23 29	23 36	12 20		n.a.
W12	15 2	24 52	1n 2	21 57	2 14	4 21	2 8	14 27	1 6	22 38	0 55	9 58	2 20	21 54	0 8	22 22	0 31	17 56	2 23	23 29	23 36	12 23		n.a.
T 13	15 22	25 10	2 5	22 17	2 13	3 56	2 11	14 15	1 4	22 38	0 55	9 57	2 20	21 55	0 8	22 22	0 31	17 56	2 23	23 29	23 35	12 25		n.a.
F 14	15 41	24 14	3 4	22 35	2 12	3 31	2 13	14 4	1 1	22 38	0 56	9 55	2 20	21 55	0 8	22 22	0 31	17 57	2 23	23 29	23 35	12 28		n.a.
S 15	16 0	22 2	3 55	22 51	2 10	3 5	2 15	13 52	0 59	22 38	0 56	9 53	2 20	21 56	0 8	22 22	0 31	17 57	2 23	23 29	23 35	12 31		n.a.
S 16	16 19	18 39	4 35	23 5	2 7	2 40	2 17	13 40	0 57	22 38	0 56	9 52	2 20	21 56	0 8	22 22	0 31	17 58	2 23	23 29	23 35	12 33		n.a.
M17	16 37	14 11	5 2	23 17	2 3	2 14	2 18	13 28	0 55	22 38	0 57	9 51	2 21	21 57	0 8	22 22	0 31	17 58	2 23	23 29	23 35	12 36		n.a.
T 18	16 55	8 50	5 12	23 28	1 59	1 48	2 20	13 17	0 53	22 38	0 57	9 49	2 21	21 58	0 8	22 22	0 31	17 59	2 23	23 29	23 34	12 39		n.a.
W19	17 13	2 51	5 3	23 36	1 53	1 21	2 21	13 5	0 51	22 39	0 57	9 48	2 21	21 58	0 8	22 23	0 31	18 0	2 23	23 28	23 34	12 41		n.a.
T 20	17 31	3s28	4 33	23 42	1 47	0 55	2 23	12 52	0 49	22 39	0 57	9 46	2 21	21 59	0 8	22 23	0 31	18 0	2 22	23 28	23 34	12 44		n.a.
F 21	17 48	9 42	3 44	23 45	1 39	0 28	2 24	12 40	0 47	22 39	0 58	9 45	2 22	21 59	0 8	22 23	0 31	18 1	2 22	23 28	23 34	12 47		n.a.
S 22	18 5	15 25	2 38	23 46	1 31	0 2	2 25	12 28	0 45	22 39	0 58	9 44	2 22	22 0	0 8	22 23	0 31	18 1	2 22	23 27	23 34	12 49		n.a.
S 23	18 21	20 8	1 22	23 45	1 21	0s25	2 26	12 16	0 43	22 40	0 58	9 42	2 22	22 1	0 8	22 23	0 31	18 2	2 22	23 27	23 33	12 52		n.a.
M24	18 37	23 26	0 0	23 41	1 10	0 52	2 26	12 3	0 41	22 40	0 59	9 41	2 22	22 1	0 8	22 23	0 31	18 2	2 22	23 27	23 33	12 55		n.a.
T 25	18 53	25 5	1s19	23 35	0 58	1 20	2 27	11 51	0 40	22 41	0 59	9 40	2 23	22 2	0 8	22 23	0 31	18 3	2 22	23 27	23 33	12 58		n.a.
W26	19 9	25 0	2 32	23 26	0 44	1 47	2 28	11 38	0 38	22 41	0 59	9 39	2 23	22 2	0 8	22 23	0 31	18 3	2 22	23 27	23 33	13 0		n.a.
T 27	19 24	23 23	3 33	23 14	0 29	2 14	2 28	11 25	0 36	22 42	0 59	9 38	2 23	22 3	0 8	22 24	0 31	18 4	2 22	23 27	23 33	13 3		n.a.
F 28	19 39	20 31	4 21	23 0	0 13	2 41	2 28	11 12	0 34	22 42	1 0	9 37	2 23	22 4	0 8	22 24	0 31	18 5	2 22	23 27	23 32	13 6		n.a.
S 29	19 53	16 43	4 54	22 44	0n 4	3 9	2 28	11 0	0 33	22 43	1 0	9 35	2 24	22 4	0 8	22 24	0 31	18 5	2 22	23 27	23 32	13 8		n.a.
S 30	20s 7	12s16	5s11	22s25	0n22	3s36	2n28	10s47	0s31	22n43	1n 0	9n34	2n24	22s 5	0s 8	22n24	0n31	18s 6	2n21	23n27	23n32	13n11		n.a.

Julian Day Number = 1283062.5, Delta T = 08h06m18s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'27, Lahiri = -20°31'26 Julian Calendar 1 Nov. 1201 BCE == Greg. Calendar 21 Oct. 1201 BCE

The year -1200 astronomical counting style corresponds to year 1201 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1201 BCE
geocentric

DECEMBER 1201 BCE (-1200) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 55 53	29♏21'30	23♓29	12°R57	15♎51	4♓16	23°R35	11♍34	7♐42	22°R43	29♏37	20°R 1	21♊ 1	13♉41	n.a.	M 1
T 2	3 59 49	0♐22'45	5♈33	12♐25	17° 1	4°47	23♋33	11°37	7°46	22♋42	29°39	19♊58	20°58	13°47	n.a.	T 2
W 3	4 3 46	1°23'59	17°30	11°41	18°11	5°19	23°30	11°40	7°49	22°41	29°41	19°55	20°55	13°54	n.a.	W 3
T 4	4 7 43	2°25'13	29°21	10°47	19°22	5°50	23°27	11°43	7°53	22°40	29°43	19°52	20°51	14° 1	n.a.	T 4
F 5	4 11 39	3°26'26	11♉11	9°44	20°33	6°22	23°25	11°46	7°56	22°39	29°45	19°50	20°48	14° 7	n.a.	F 5
S 6	4 15 36	4°27'38	23° 0	8°34	21°43	6°54	23°22	11°48	8° 0	22°38	29°47	19°47	20°45	14°14	n.a.	S 6
S 7	4 19 32	5°28'50	4♊52	7°19	22°54	7°26	23°18	11°51	8° 3	22°37	29°49	19°46	20°42	14°21	n.a.	S 7
M 8	4 23 29	6°30'01	16°49	6° 0	24° 5	7°58	23°15	11°53	8° 7	22°36	29°52	19°D45	20°39	14°27	n.a.	M 8
T 9	4 27 25	7°31'12	28°51	4°42	25°16	8°30	23°11	11°56	8°11	22°35	29°54	19°46	20°36	14°34	n.a.	T 9
W10	4 31 22	8°32'22	11♋ 2	3°26	26°27	9° 3	23° 8	11°58	8°14	22°34	29°56	19°46	20°32	14°41	n.a.	W10
T 11	4 35 19	9°33'31	23°23	2°14	27°38	9°35	23° 4	12° 0	8°18	22°33	29°58	19°47	20°29	14°47	n.a.	T 11
F 12	4 39 15	10°34'39	5♌57	1° 8	28°50	10° 8	23° 0	12° 3	8°21	22°32	29°59	19°48	20°26	14°54	n.a.	F 12
S 13	4 43 12	11°35'47	18°47	0° 9	0♏ 1	10°41	22°55	12° 5	8°25	22°31	0♐ 2	19°49	20°23	15° 1	n.a.	S 13
S 14	4 47 8	12°36'54	1♍55	29♏19	1°12	11°14	22°51	12° 6	8°28	22°30	0° 4	19°50	20°20	15° 7	n.a.	S 14
M15	4 51 5	13°38'01	15°23	28°38	2°24	11°47	22°46	12° 8	8°32	22°29	0° 6	19°R50	20°17	15°14	n.a.	M15
T 16	4 55 1	14°39'07	29°13	28° 6	3°36	12°20	22°42	12°10	8°35	22°27	0° 8	19°50	20°13	15°21	n.a.	T 16
W17	4 58 58	15°40'12	13♎26	27°43	4°47	12°53	22°37	12°12	8°39	22°26	0°10	19°49	20°10	15°27	n.a.	W17
T 18	5 2 54	16°41'16	27°59	27°29	5°59	13°26	22°32	12°13	8°42	22°25	0°12	19°49	20° 7	15°34	n.a.	T 18
F 19	5 6 51	17°42'20	12♏48	27°D23	7°11	14° 0	22°26	12°14	8°46	22°23	0°14	19°49	20° 4	15°41	n.a.	F 19
S 20	5 10 48	18°43'23	27°47	27°26	8°23	14°33	22°21	12°16	8°50	22°22	0°16	19°48	20° 1	15°47	n.a.	S 20
S 21	5 14 44	19°44'24	12♐48	27°35	9°35	15° 7	22°15	12°17	8°53	22°21	0°18	19°48	19°57	15°54	n.a.	S 21
M22	5 18 41	20°45'25	27°43	27°52	10°47	15°41	22°10	12°18	8°57	22°19	0°20	19°48	19°54	16° 1	n.a.	M22
T 23	5 22 37	21°46'24	12♑23	28°15	11°59	16°14	22° 4	12°19	9° 0	22°18	0°22	19°48	19°51	16° 7	n.a.	T 23
W24	5 26 34	22°47'22	26°41	28°44	13°11	16°48	21°58	12°20	9° 4	22°17	0°24	19°48	19°48	16°14	n.a.	W24
T 25	5 30 30	23°48'19	10♒35	29°19	14°23	17°22	21°52	12°21	9° 7	22°15	0°26	19°48	19°45	16°21	n.a.	T 25
F 26	5 34 27	24°49'14	24° 2	29°58	15°35	17°56	21°46	12°21	9°10	22°14	0°28	19°47	19°42	16°27	n.a.	F 26
S 27	5 38 24	25°50'07	7♓ 4	0♐41	16°47	18°31	21°39	12°22	9°14	22°12	0°30	19°47	19°38	16°34	n.a.	S 27
S 28	5 42 20	26°50'58	19°43	1°29	18° 0	19° 5	21°33	12°22	9°17	22°11	0°32	19°46	19°35	16°41	n.a.	S 28
M29	5 46 17	27°51'48	2♈ 2	2°20	19°12	19°39	21°26	12°23	9°21	22°10	0°34	19°D46	19°32	16°47	n.a.	M29
T 30	5 50 13	28°52'36	14° 7	3°15	20°24	20°14	21°19	12°23	9°24	22° 8	0°36	19°46	19°29	16°54	n.a.	T 30
W31	5 54 10	29♐53'22	26♈ 2	4♐13	21♏37	20♓48	21♋12	12♍23	9♐28	22♋ 7	0♐38	19♊47	19♊26	17♉ 1	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	20s21	7s26	5s15	22s 3	0n41	4s 4	2n28	10s34	0s29	22n44	1n 1	9n33	2n24	22s 5	0s 8	22n24	0n31	18s 6	2n21	23n27	23n32	13n14			n.a.
T 2	20 34	2 23	5 4	21 40	1 0	4 31	2 28	10 20	0 28	22 45	1 1	9 33	2 24	22 6	0 8	22 24	0 31	18 7	2 21	23 27	23 31	13 16			n.a.
W 3	20 47	2n41	4 40	21 14	1 20	4 59	2 28	10 7	0 26	22 45	1 1	9 32	2 25	22 6	0 8	22 25	0 31	18 7	2 21	23 27	23 31	13 19			n.a.
T 4	20 59	7 38	4 4	20 47	1 40	5 26	2 27	9 54	0 25	22 46	1 1	9 31	2 25	22 7	0 8	22 25	0 31	18 8	2 21	23 27	23 31	13 22			n.a.
F 5	21 12	12 18	3 18	20 19	1 59	5 53	2 27	9 41	0 23	22 47	1 2	9 30	2 25	22 8	0 8	22 25	0 31	18 8	2 21	23 26	23 31	13 24			n.a.
S 6	21 23	16 32	2 23	19 51	2 17	6 21	2 26	9 27	0 21	22 48	1 2	9 29	2 26	22 8	0 8	22 25	0 32	18 9	2 21	23 26	23 31	13 27			n.a.
S 7	21 34	20 8	1 22	19 22	2 33	6 48	2 25	9 14	0 20	22 48	1 2	9 28	2 26	22 9	0 8	22 25	0 32	18 9	2 21	23 26	23 30	13 30			n.a.
M 8	21 45	22 54	0 16	18 55	2 48	7 15	2 25	9 0	0 18	22 49	1 2	9 28	2 26	22 9	0 8	22 26	0 32	18 10	2 21	23 26	23 30	13 32			n.a.
T 9	21 56	24 40	0n50	18 28	3 0	7 42	2 24	8 47	0 17	22 50	1 3	9 27	2 26	22 10	0 8	22 26	0 32	18 11	2 21	23 26	23 30	13 35			n.a.
W10	22 6	25 17	1 55	18 4	3 11	8 10	2 23	8 33	0 16	22 51	1 3	9 26	2 27	22 11	0 8	22 26	0 32	18 11	2 21	23 26	23 30	13 38			n.a.
T 11	22 15	24 40	2 56	17 43	3 18	8 36	2 22	8 19	0 14	22 52	1 3	9 26	2 27	22 11	0 8	22 26	0 32	18 12	2 20	23 26	23 29	13 40			n.a.
F 12	22 24	22 48	3 49	17 24	3 24	9 3	2 20	8 5	0 13	22 53	1 3	9 25	2 27	22 12	0 8	22 26	0 32	18 12	2 20	23 26	23 29	13 43			n.a.
S 13	22 33	19 45	4 32	17 9	3 27	9 30	2 19	7 52	0 11	22 54	1 4	9 25	2 28	22 12	0 8	22 27	0 32	18 13	2 20	23 26	23 29	13 46			n.a.
S 14	22 41	15 39	5 2	16 57	3 28	9 56	2 18	7 38	0 10	22 55	1 4	9 24	2 28	22 13	0 8	22 27	0 32	18 13	2 20	23 26	23 29	13 48			n.a.
M15	22 49	10 42	5 17	16 49	3 27	10 23	2 16	7 24	0 9	22 56	1 4	9 24	2 28	22 14	0 8	22 27	0 32	18 14	2 20	23 26	23 28	13 51			n.a.
T 16	22 56	5 6	5 13	16 45	3 24	10 49	2 15	7 10	0 7	22 57	1 5	9 23	2 28	22 14	0 8	22 27	0 32	18 14	2 20	23 26	23 28	13 53			n.a.
W17	23 3	0s55	4 51	16 44	3 20	11 15	2 13	6 56	0 6	22 58	1 5	9 23	2 29	22 15	0 8	22 27	0 32	18 15	2 20	23 26	23 28	13 56			n.a.
T 18	23 10	7 3	4 10	16 46	3 15	11 41	2 11	6 41	0 5	22 59	1 5	9 23	2 29	22 15	0 8	22 28	0 32	18 15	2 20	23 26	23 28	13 59			n.a.
F 19	23 15	12 54	3 12	16 51	3 8	12 6	2 9	6 27	0 4	23 0	1 5	9 22	2 29	22 16	0 8	22 28	0 32	18 16	2 20	23 26	23 28	14 1			n.a.
S 20	23 21	18 3	1 59	16 59	3 1	12 31	2 7	6 13	0 2	23 2	1 6	9 22	2 29	22 16	0 8	22 28	0 32	18 16	2 20	23 26	23 27	14 4			n.a.
S 21	23 26	22 4	0 39	17 9	2 53	12 56	2 5	5 59	0 1	23 3	1 6	9 22	2 30	22 17	0 8	22 28	0 32	18 17	2 20	23 26	23 27	14 7			n.a.
M22	23 31	24 33	0s44	17 21	2 44	13 21	2 3	5 44	0n 0	23 4	1 6	9 22	2 30	22 17	0 8	22 29	0 32	18 17	2 20	23 26	23 27	14 9			n.a.
T 23	23 35	25 17	2 2	17 35	2 35	13 46	2 1	5 30	0 1	23 5	1 6	9 22	2 30	22 18	0 8	22 29	0 32	18 18	2 20	23 26	23 27	14 12			n.a.
W24	23 38	24 17	3 11	17 51	2 26	14 10	1 59	5 15	0 2	23 6	1 6	9 21	2 31	22 19	0 8	22 29	0 32	18 18	2 19	23 26	23 26	14 15			n.a.
T 25	23 41	21 49	4 6	18 7	2 16	14 34	1 57	5 1	0 4	23 8	1 7	9 21	2 31	22 19	0 8	22 29	0 32	18 19	2 19	23 26	23 26	14 17			n.a.
F 26	23 44	18 13	4 46	18 25	2 6	14 57	1 55	4 46	0 5	23 9	1 7	9 21	2 31	22 20	0 8	22 30	0 32	18 19	2 19	23 26	23 26	14 20			n.a.
S 27	23 46	13 50	5 10	18 44	1 56	15 20	1 52	4 32	0 6	23 10	1 7	9 21	2 32	22 20	0 8	22 30	0 32	18 20	2 19	23 26	23 26	14 22			n.a.
S 28	23 48	8 59	5 18	19 4	1 46	15 43	1 50	4 17	0 7	23 11	1 7	9 22	2 32	22 21	0 8	22 30	0 32	18 20	2 19	23 26	23 25	14 25			n.a.
M29	23 49	3 55	5 10	19 24	1 36	16 6	1 47	4 2	0 8	23 13	1 8	9 22	2 32	22 21	0 8	22 30	0 32	18 20	2 19	23 26	23 25	14 28			n.a.
T 30	23 50	1n13	4 49	19 44	1 27	16 28	1 45	3 48	0 9	23 14	1 8	9 22	2 32	22 22	0 8	22 31	0 32	18 21	2 19	23 26	23 25	14 30			n.a.
W31	23s50	6n15	4s16	20s 5	1n17	16s49	1n42	3s33	0n10	23n15	1n 8	9n22	2n33	22s22	0s 8	22n31	0n32	18s21	2n19	23n26	23n25	14n33			n.a.

Julian Day Number = 1283092.5, Delta T = 08h06m17s
Ecliptic obliquity = 23°50'16, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -19°38'22, Lahiri = -20°31'22 Julian Calendar 1 Dec. 1201 BCE == Greg. Calendar 20 Nov. 1201 BCE

The year -1200 astronomical counting style corresponds to year 1201 B.C.E historical counting style.

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